

Gene symbol	event_id	chrom	start	end	strand	Control_PSI
0610007C21Rik	MmuINT0000001	chr5	31351130	31351834	+	0.039328
0610007C21Rik	MmuINT0000002	chr5	31351954	31354569	+	0.022196
0610007C21Rik	MmuINT0000003	chr5	31354642	31354834	+	0.080406
0610007C21Rik	MmuINT0000004	chr5	31354907	31355135	+	0.068544
0610007C21Rik	MmuINT0000005	chr5	31355258	31356333	+	0.035502
0610007C21Rik	MmuINT0000006	chr5	31356432	31356635	+	0.015171
0610007L01Rik	MmuINT0000008	chr5	1.31E+08	1.31E+08	+	0.004576
0610007L01Rik	MmuINT0000009	chr5	1.31E+08	1.31E+08	+	0.007907
0610007L01Rik	MmuINT0000010	chr5	1.31E+08	1.31E+08	+	0.00713
0610007L01Rik	MmuINT0000011	chr5	1.31E+08	1.31E+08	+	0.006213
0610007L01Rik	MmuINT0000012	chr5	1.31E+08	1.31E+08	+	0.006934
0610007P08Rik	MmuINT0000013	chr13	63972078	63973103	+	0.183599
0610007P08Rik	MmuINT0000014	chr13	63974236	63978686	+	0.050584
0610007P08Rik	MmuINT0000015	chr13	63978842	63995945	+	0.059337
0610007P08Rik	MmuINT0000016	chr13	63996128	63999841	+	0.037406
0610007P08Rik	MmuINT0000017	chr13	63916826	63920938	+	0.065774
0610007P08Rik	MmuINT0000018	chr13	63954331	63954935	+	0.047914
0610007P08Rik	MmuINT0000019	chr13	63955082	63959538	+	0.088205
0610007P08Rik	MmuINT0000020	chr13	63959635	63967265	+	0.036051
0610007P08Rik	MmuINT0000021	chr13	63921364	63926116	+	0.028455
0610007P08Rik	MmuINT0000022	chr13	63926237	63935903	+	0.027805
0610007P08Rik	MmuINT0000023	chr13	63936098	63942731	+	0.030397
0610007P08Rik	MmuINT0000024	chr13	63942894	63943269	+	0.020002
0610007P08Rik	MmuINT0000025	chr13	63943478	63945853	+	0.025119
0610007P08Rik	MmuINT0000026	chr13	63945995	63948648	+	0.022814
0610007P08Rik	MmuINT0000027	chr13	63948763	63950048	+	0.025368
0610007P08Rik	MmuINT0000028	chr13	63950169	63954258	+	0.055296
0610007P14Rik	MmuINT0000029	chr12	87163199	87165420	-	0.044313
0610007P14Rik	MmuINT0000030	chr12	87160520	87163037	-	0.045066
0610007P14Rik	MmuINT0000031	chr12	87157385	87160428	-	0.079586
0610007P14Rik	MmuINT0000032	chr12	87157144	87157265	-	0.041541
0610007P22Rik	MmuINT0000033	chr17	25377310	25377388	+	0.111511
0610007P22Rik	MmuINT0000034	chr17	25378203	25378632	+	0.003751
0610007P22Rik	MmuINT0000035	chr17	25378807	25379103	+	0.070775
0610007P22Rik	MmuINT0000036	chr17	25379168	25379398	+	0.018678
0610009B22Rik	MmuINT0000041	chr11	51499595	51502049	-	0.016941
0610009D07Rik	MmuINT0000042	chr12	4824626	4827399	+	0.003985
0610009D07Rik	MmuINT0000043	chr12	4827519	4833563	+	0.02208
0610009D07Rik	MmuINT0000044	chr12	4833703	4833819	+	0.006805
0610009O20Rik	MmuINT0000045	chr18	38418017	38419550	+	0.007678
0610009O20Rik	MmuINT0000046	chr18	38419711	38420717	+	0.00253
0610009O20Rik	MmuINT0000047	chr18	38420940	38421533	+	0.002197
0610009O20Rik	MmuINT0000048	chr18	38410855	38410936	+	0.001216
0610009O20Rik	MmuINT0000049	chr18	38411055	38412474	+	0.00139
0610009O20Rik	MmuINT0000050	chr18	38412620	38413561	+	0.005206
0610009O20Rik	MmuINT0000051	chr18	38413724	38413933	+	0.000823
0610009O20Rik	MmuINT0000052	chr18	38414023	38414123	+	0.006976
0610009O20Rik	MmuINT0000053	chr18	38414221	38416911	+	0.027014

0610009O20Rik	MmuINT0000054	chr18	38417055	38417681	+	0.019624
0610009O20Rik	MmuINT0000055	chr18	38417841	38417923	+	0.015252
0610010F05Rik	MmuINT0000057	chr11	23509125	23511746	-	0.051293
0610010F05Rik	MmuINT0000058	chr11	23506767	23509000	-	0.02564
0610010F05Rik	MmuINT0000059	chr11	23495527	23506613	-	0.030647
0610010F05Rik	MmuINT0000060	chr11	23493526	23495380	-	0.026569
0610010F05Rik	MmuINT0000061	chr11	23489984	23493425	-	0.027511
0610010F05Rik	MmuINT0000062	chr11	23488735	23489950	-	0.030824
0610010F05Rik	MmuINT0000063	chr11	23484612	23488634	-	0.032152
0610010F05Rik	MmuINT0000064	chr11	23483127	23484519	-	0.04677
0610010F05Rik	MmuINT0000065	chr11	23482941	23483097	-	0.050303
0610010F05Rik	MmuINT0000066	chr11	23481685	23482866	-	0.03784
0610010F05Rik	MmuINT0000068	chr11	23476823	23481595	-	0.037675
0610010F05Rik	MmuINT0000069	chr11	23475518	23476730	-	0.068348
0610010F05Rik	MmuINT0000070	chr11	23525123	23528872	-	0.024448
0610010F05Rik	MmuINT0000071	chr11	23522530	23524935	-	0.023949
0610010F05Rik	MmuINT0000072	chr11	23520468	23522435	-	0.031284
0610010F05Rik	MmuINT0000073	chr11	23517197	23520228	-	0.058531
0610010F05Rik	MmuINT0000074	chr11	23515257	23517137	-	0.038994
0610010F05Rik	MmuINT0000075	chr11	23512049	23515095	-	0.103302
0610010F05Rik	MmuINT0000076	chr11	23511858	23511961	-	0.048097
0610010K14Rik	MmuINT0000077	chr11	70051128	70051285	-	0.032267
0610010K14Rik	MmuINT0000078	chr11	70050481	70051032	-	0.035566
0610010K14Rik	MmuINT0000079	chr11	70049714	70050378	-	0.056561
0610010K14Rik	MmuINT0000080	chr11	70048971	70049197	-	0.089957
0610010O12Rik	MmuINT0000083	chr18	36508471	36526168	+	0.001553
0610010O12Rik	MmuINT0000084	chr18	36526396	36552849	+	0.012427
0610011F06Rik	MmuINT0000085	chr17	26012672	26012904	+	0.046458
0610011F06Rik	MmuINT0000086	chr17	26013068	26013164	+	0.04603
0610011F06Rik	MmuINT0000087	chr17	26013225	26013439	+	0.063113
0610011F06Rik	MmuINT0000088	chr17	26013508	26013605	+	0.099396
0610011F06Rik	MmuINT0000089	chr17	26013685	26013894	+	0.580213
0610011L14Rik	MmuINT0000092	chr2	1.56E+08	1.56E+08	+	0.007741
0610011L14Rik	MmuINT0000093	chr2	1.56E+08	1.56E+08	+	0.008174
0610011L14Rik	MmuINT0000094	chr2	1.56E+08	1.56E+08	+	0.009657
0610030E20Rik	MmuINT0000099	chr6	72297510	72297586	+	0.539142
0610030E20Rik	MmuINT0000100	chr6	72297706	72298522	+	0.316547
0610030E20Rik	MmuINT0000101	chr6	72298675	72298990	+	0.449035
0610031J06Rik	MmuINT0000102	chr3	88129124	88129598	+	0.024234
0610031J06Rik	MmuINT0000103	chr3	88129854	88130036	+	0.036072
0610031J06Rik	MmuINT0000104	chr3	88130235	88130332	+	0.004751
0610031J06Rik	MmuINT0000106	chr3	88132036	88132124	+	0.010863
0610037L13Rik	MmuINT0000107	chr4	1.08E+08	1.08E+08	+	0.012749
0610037L13Rik	MmuINT0000108	chr4	1.08E+08	1.08E+08	+	0.012246
0610037L13Rik	MmuINT0000109	chr4	1.08E+08	1.08E+08	+	0.009922
0610037L13Rik	MmuINT0000110	chr4	1.08E+08	1.08E+08	+	0.017339
0610037L13Rik	MmuINT0000111	chr4	1.08E+08	1.08E+08	+	0.011622
0610037L13Rik	MmuINT0000112	chr4	1.08E+08	1.08E+08	+	0.304127
0610037P05Rik	MmuINT0000114	chr16	14311225	14313908	-	0.015814
0610037P05Rik	MmuINT0000115	chr16	14304681	14311139	-	0.022091

0610037P05Rik	MmuINT0000116	chr16	14300303	14304546	-	0.002705
0610040B10Rik	MmuINT0000117	chr5	1.44E+08	1.44E+08	+	0.092162
0910001L09Rik	MmuINT0000121	chr5	1.39E+08	1.39E+08	+	0.06044
0910001L09Rik	MmuINT0000122	chr5	1.39E+08	1.39E+08	+	0.002417
0910001L09Rik	MmuINT0000123	chr5	1.39E+08	1.39E+08	+	0.000049
1100001G20Rik	MmuINT0000127	chr11	83560626	83562734	+	0.046811
1100001G20Rik	MmuINT0000128	chr11	83562836	83565995	+	0.045747
1110001J03Rik	MmuINT0000132	chr6	38485011	38489158	+	0.001931
1110002B05Rik	MmuINT0000133	chr12	55747523	55757358	-	0.004767
1110002L01Rik	MmuINT0000134	chr12	3407925	3426500	-	0.05354
1110002N22Rik	MmuINT0000136	chr11	79953826	79955578	-	0.219928
1110002N22Rik	MmuINT0000137	chr11	79951570	79953367	-	0.122795
1110002N22Rik	MmuINT0000138	chr11	79950782	79951419	-	0.01508
1110003E01Rik	MmuINT0000139	chr5	65859741	65883974	-	0.002643
1110003E01Rik	MmuINT0000140	chr5	65851812	65859631	-	0.011574
1110003E01Rik	MmuINT0000141	chr5	65844568	65851762	-	0.006144
1110003E01Rik	MmuINT0000142	chr5	65841677	65844424	-	0.009572
1110004E09Rik	MmuINT0000143	chr16	90931407	90934826	-	0.009258
1110004E09Rik	MmuINT0000144	chr16	90930229	90931238	-	0.009386
1110004E09Rik	MmuINT0000145	chr16	90927754	90930160	-	0.02004
1110004E09Rik	MmuINT0000146	chr16	90927475	90927594	-	0.014485
1110004E09Rik	MmuINT0000147	chr16	90926686	90927342	-	0.00589
1110004E09Rik	MmuINT0000148	chr16	90926328	90926589	-	0.019806
1110004F10Rik	MmuINT0000149	chr7	1.23E+08	1.23E+08	+	0.01946
1110004F10Rik	MmuINT0000152	chr7	1.23E+08	1.23E+08	+	0.003002
1110007C09Rik	MmuINT0000172	chr13	49303516	49311305	-	0.049248
1110007C09Rik	MmuINT0000173	chr13	49300715	49303372	-	0.023239
1110007C09Rik	MmuINT0000174	chr13	49299358	49300560	-	0.066167
1110007C09Rik	MmuINT0000175	chr13	49299159	49299297	-	0.387996
1110007C09Rik	MmuINT0000176	chr13	49298605	49299086	-	0.008828
1110008F13Rik	MmuINT0000177	chr2	1.57E+08	1.57E+08	+	0.007741
1110008F13Rik	MmuINT0000178	chr2	1.57E+08	1.57E+08	+	0.006907
1110008J03Rik	MmuINT0000179	chr5	1.21E+08	1.21E+08	-	0.040511
1110008J03Rik	MmuINT0000180	chr5	1.21E+08	1.21E+08	-	0.082002
1110008L16Rik	MmuINT0000184	chr12	56407374	56409723	+	0.030674
1110008L16Rik	MmuINT0000185	chr12	56409857	56439146	+	0.024379
1110008L16Rik	MmuINT0000186	chr12	56439255	56478100	+	0.022707
1110008L16Rik	MmuINT0000187	chr12	56478250	56480268	+	0.038045
1110008L16Rik	MmuINT0000188	chr12	56480465	56483243	+	0.020647
1110008P14Rik	MmuINT0000189	chr2	32235054	32237211	-	0.022149
1110012D08Rik	MmuINT0000190	chr10	1.28E+08	1.28E+08	-	0.310221
1110012D08Rik	MmuINT0000191	chr10	1.28E+08	1.28E+08	-	0.056472
1110012D08Rik	MmuINT0000192	chr10	1.28E+08	1.28E+08	-	0.390983
1110012D08Rik	MmuINT0000193	chr10	1.28E+08	1.28E+08	-	0.075543
1110012J17Rik	MmuINT0000197	chr17	66697862	66703462	-	0.071944
1110012J17Rik	MmuINT0000204	chr17	66727352	66728468	-	0.063016
1110012L19Rik	MmuINT0000209	chrX	67639327	67641068	+	0.011623
1110012L19Rik	MmuINT0000210	chrX	67641342	67642046	+	0.0075
1110014N23Rik	MmuINT0000211	chr19	6076493	6076950	-	0.016568
1110014N23Rik	MmuINT0000212	chr19	6071709	6076362	-	0.084785

1110014N23Rik	MmuINT0000213	chr19	6071486	6071561	-	0.020567
1110014N23Rik	MmuINT0000214	chr19	6071157	6071265	-	0.017647
1110014N23Rik	MmuINT0000215	chr19	6070074	6070438	-	0.125281
1110014N23Rik	MmuINT0000216	chr19	6069684	6069857	-	0.093407
1110014N23Rik	MmuINT0000217	chr19	6069148	6069464	-	0.057928
1110014N23Rik	MmuINT0000218	chr19	6068943	6069025	-	0.025495
1110014N23Rik	MmuINT0000219	chr19	6068376	6068854	-	0.087876
1110018G07Rik	MmuINT0000225	chr12	86292332	86311578	-	0.011486
1110018G07Rik	MmuINT0000226	chr12	86271190	86271298	-	0.005241
1110018G07Rik	MmuINT0000227	chr12	86268895	86271067	-	0.014923
1110018G07Rik	MmuINT0000228	chr12	86268361	86268818	-	0.012565
1110018G07Rik	MmuINT0000229	chr12	86267364	86268250	-	0.00865
1110018G07Rik	MmuINT0000230	chr12	86266770	86267183	-	0.018264
1110018G07Rik	MmuINT0000231	chr12	86265076	86266643	-	0.007377
1110018G07Rik	MmuINT0000232	chr12	86264869	86264945	-	0.014341
1110018G07Rik	MmuINT0000233	chr12	86262298	86264809	-	0.046836
1110018G07Rik	MmuINT0000234	chr12	86261806	86262207	-	0.006352
1110018G07Rik	MmuINT0000235	chr12	86261531	86261629	-	0.013891
1110018G07Rik	MmuINT0000236	chr12	86284343	86292002	-	0.03799
1110018G07Rik	MmuINT0000237	chr12	86282908	86284281	-	0.00919
1110018G07Rik	MmuINT0000238	chr12	86281348	86282680	-	0.012014
1110018G07Rik	MmuINT0000239	chr12	86276074	86281109	-	0.005537
1110018G07Rik	MmuINT0000240	chr12	86275701	86275903	-	0.034122
1110018G07Rik	MmuINT0000241	chr12	86275350	86275519	-	0.007246
1110018G07Rik	MmuINT0000242	chr12	86272727	86275101	-	0.015079
1110018G07Rik	MmuINT0000243	chr12	86271441	86272648	-	0.010847
1110018J18Rik	MmuINT0000244	chr13	64413644	64413800	-	0.077247
1110018J18Rik	MmuINT0000245	chr13	64410455	64413574	-	0.010066
1110018J18Rik	MmuINT0000246	chr13	64410236	64410400	-	0.006397
1110018J18Rik	MmuINT0000247	chr13	64398695	64410129	-	0.005912
1110018J18Rik	MmuINT0000248	chr13	64393537	64398562	-	0.016927
1110020G09Rik	MmuINT0000254	chr15	9001515	9013018	+	0.008234
1110020G09Rik	MmuINT0000255	chr15	9032796	9033082	+	0.010157
1110020G09Rik	MmuINT0000256	chr15	9033137	9036485	+	0.01335
1110020G09Rik	MmuINT0000257	chr15	9036610	9037975	+	0.012664
1110020G09Rik	MmuINT0000258	chr15	9013108	9013910	+	0.003826
1110020G09Rik	MmuINT0000259	chr15	9014000	9015473	+	0.004944
1110020G09Rik	MmuINT0000260	chr15	9015556	9020923	+	0.003416
1110020G09Rik	MmuINT0000261	chr15	9021008	9022471	+	0.004569
1110020G09Rik	MmuINT0000262	chr15	9022609	9025771	+	0.003056
1110020G09Rik	MmuINT0000263	chr15	9025851	9028566	+	0.010616
1110020G09Rik	MmuINT0000264	chr15	9028633	9029863	+	0.01018
1110020G09Rik	MmuINT0000265	chr15	9029960	9032739	+	0.007493
1110021J02Rik	MmuINT0000266	chr17	29842529	29853878	-	0.190638
1110021J02Rik	MmuINT0000267	chr17	29842269	29842433	-	0.22762
1110021J02Rik	MmuINT0000268	chr17	29841415	29842215	-	0.456784
1110028C15Rik	MmuINT0000284	chr1	66848743	66863947	-	0.044161
1110028C15Rik	MmuINT0000285	chr1	66771187	66772447	-	0.027517
1110028C15Rik	MmuINT0000286	chr1	66769950	66771131	-	0.022575
1110028C15Rik	MmuINT0000287	chr1	66768548	66769836	-	0.048961



1110028C15Rik	MmuINT0000288	chr1	66767581	66768378	-	0.013966
1110028C15Rik	MmuINT0000289	chr1	66824683	66847622	-	0.062094
1110028C15Rik	MmuINT0000290	chr1	66820194	66824540	-	0.022463
1110028C15Rik	MmuINT0000291	chr1	66808827	66819479	-	0.027044
1110028C15Rik	MmuINT0000292	chr1	66784788	66808621	-	0.021405
1110028C15Rik	MmuINT0000293	chr1	66782319	66784624	-	0.009892
1110028C15Rik	MmuINT0000294	chr1	66773383	66782210	-	0.065838
1110028C15Rik	MmuINT0000295	chr1	66772573	66773260	-	0.016384
1110031I02Rik	MmuINT0000296	chr11	1.21E+08	1.21E+08	-	0.010329
1110031I02Rik	MmuINT0000297	chr11	1.21E+08	1.21E+08	-	0.013464
1110031I02Rik	MmuINT0000298	chr11	1.21E+08	1.21E+08	-	0.017234
1110031I02Rik	MmuINT0000299	chr11	1.21E+08	1.21E+08	-	0.018724
1110031I02Rik	MmuINT0000300	chr11	1.21E+08	1.21E+08	-	0.014475
1110031I02Rik	MmuINT0000301	chr11	1.21E+08	1.21E+08	-	0.007671
1110031I02Rik	MmuINT0000302	chr11	1.21E+08	1.21E+08	-	0.011907
1110032A03Rik	MmuINT0000303	chr9	50573032	50575962	-	0.010209
1110032A03Rik	MmuINT0000304	chr9	50572396	50572800	-	0.028417
1110032A03Rik	MmuINT0000305	chr9	50572122	50572328	-	0.02961
1110034A24Rik	MmuINT0000315	chr12	70293939	70297478	-	0.034889
1110034A24Rik	MmuINT0000316	chr12	70291382	70293794	-	0.018015
1110034B05Rik	MmuINT0000318	chr1	57458368	57463227	-	0.035939
1110034B05Rik	MmuINT0000320	chr1	57447603	57448292	-	0.240328
1110034B05Rik	MmuINT0000321	chr1	57445597	57447485	-	0.080993
1110034G24Rik	MmuINT0000323	chr2	1.33E+08	1.33E+08	+	0.013775
1110037F02Rik	MmuINT0000331	chr4	11413253	11421910	+	0.057394
1110037F02Rik	MmuINT0000332	chr4	11446562	11448251	+	0.028658
1110037F02Rik	MmuINT0000333	chr4	11448407	11449999	+	0.020693
1110037F02Rik	MmuINT0000334	chr4	11450083	11453493	+	0.042528
1110037F02Rik	MmuINT0000335	chr4	11453588	11453741	+	0.025522
1110037F02Rik	MmuINT0000336	chr4	11454287	11454794	+	0.300669
1110037F02Rik	MmuINT0000337	chr4	11455031	11455684	+	0.038476
1110037F02Rik	MmuINT0000338	chr4	11455938	11457974	+	0.018367
1110037F02Rik	MmuINT0000339	chr4	11458193	11461335	+	0.019059
1110037F02Rik	MmuINT0000340	chr4	11461469	11467056	+	0.033577
1110037F02Rik	MmuINT0000341	chr4	11467210	11467627	+	0.027042
1110037F02Rik	MmuINT0000342	chr4	11422027	11425886	+	0.045347
1110037F02Rik	MmuINT0000343	chr4	11467789	11469253	+	0.025522
1110037F02Rik	MmuINT0000344	chr4	11469351	11471977	+	0.028719
1110037F02Rik	MmuINT0000345	chr4	11472145	11473115	+	0.016265
1110037F02Rik	MmuINT0000346	chr4	11473448	11475877	+	0.073716
1110037F02Rik	MmuINT0000347	chr4	11476022	11476691	+	0.027621
1110037F02Rik	MmuINT0000348	chr4	11425974	11428455	+	0.052628
1110037F02Rik	MmuINT0000351	chr4	11434224	11435053	+	0.023088
1110037F02Rik	MmuINT0000352	chr4	11435327	11440174	+	0.017752
1110038B12Rik	MmuINT0000356	chr17	35089119	35089296	-	0.123863
1110038B12Rik	MmuINT0000357	chr17	35088871	35089080	-	0.260623
1110038B12Rik	MmuINT0000358	chr17	35087793	35088829	-	0.3525
1110038B12Rik	MmuINT0000359	chr17	35087421	35087642	-	0.142205
1110038D17Rik	MmuINT0000360	chr10	74974902	74979898	-	0.034108
1110038D17Rik	MmuINT0000361	chr10	74974032	74974816	-	0.031247

1110038D17Rik	MmuINT0000362	chr10	74972869	74973865	-	0.054646
1110038D17Rik	MmuINT0000363	chr10	74972579	74972776	-	0.057557
1110038D17Rik	MmuINT0000364	chr10	74971715	74972336	-	0.035814
1110038F14Rik	MmuINT0000365	chr15	76779350	76779497	+	0.030554
1110038F14Rik	MmuINT0000366	chr15	76779583	76779973	+	0.126996
1110038F14Rik	MmuINT0000367	chr15	76780121	76780678	+	0.00723
1110049F12Rik	MmuINT0000368	chr4	1.36E+08	1.36E+08	-	0.019775
1110049F12Rik	MmuINT0000369	chr4	1.36E+08	1.36E+08	-	0.012515
1110049F12Rik	MmuINT0000370	chr4	1.36E+08	1.36E+08	-	0.01786
1110049F12Rik	MmuINT0000371	chr4	1.36E+08	1.36E+08	-	0.020297
1110049F12Rik	MmuINT0000372	chr4	1.36E+08	1.36E+08	-	0.009952
1110051M20Rik	MmuINT0000373	chr2	91262126	91284725	-	0.01976
1110051M20Rik	MmuINT0000374	chr2	91224017	91262022	-	0.018191
1110051M20Rik	MmuINT0000375	chr2	91144991	91223885	-	0.021534
1110051M20Rik	MmuINT0000376	chr2	91124478	91144905	-	0.045117
1110051M20Rik	MmuINT0000377	chr2	91122818	91124391	-	0.205167
1110051M20Rik	MmuINT0000378	chr2	91122013	91122621	-	0.304664
1110051M20Rik	MmuINT0000379	chr2	91119411	91121902	-	0.28685
1110051M20Rik	MmuINT0000380	chr2	91119115	91119346	-	0.30445
1110054O05Rik	MmuINT0000381	chr4	59795207	59796599	-	0.047462
1110054O05Rik	MmuINT0000382	chr4	59788422	59795125	-	0.039665
1110054O05Rik	MmuINT0000383	chr4	59786879	59788318	-	0.25938
1110054O05Rik	MmuINT0000384	chr4	59785332	59786787	-	0.018806
1110057K04Rik	MmuINT0000385	chr12	8215011	8227405	+	0.010068
1110057K04Rik	MmuINT0000386	chr12	8227562	8234025	+	0.005976
1110057K04Rik	MmuINT0000387	chr12	8234170	8245248	+	0.010563
1110057K04Rik	MmuINT0000388	chr12	8245422	8275169	+	0.005763
1110058L19Rik	MmuINT0000391	chr1	24010146	24012384	-	0.003629
1110058L19Rik	MmuINT0000392	chr1	24003200	24009995	-	0.005126
1110059E24Rik	MmuINT0000393	chr19	21693706	21727096	-	0.003223
1110059E24Rik	MmuINT0000395	chr19	21672825	21673244	-	0.009656
1110059G10Rik	MmuINT0000396	chr9	1.23E+08	1.23E+08	-	0.015592
1110059G10Rik	MmuINT0000397	chr9	1.23E+08	1.23E+08	-	0.009963
1110065P20Rik	MmuINT0000399	chr4	1.25E+08	1.25E+08	-	0.158366
1110065P20Rik	MmuINT0000400	chr4	1.25E+08	1.25E+08	-	0.044913
1110067D22Rik	MmuINT0000401	chr11	20730351	20730976	-	0.075709
1110067D22Rik	MmuINT0000402	chr11	20730130	20730278	-	0.003408
1110067D22Rik	MmuINT0000403	chr11	20729450	20730040	-	0.009173
1110067D22Rik	MmuINT0000404	chr11	20726519	20729271	-	0.013319
1190002H23Rik	MmuINT0000417	chr14	79700708	79701255	-	0.008962
1190002H23Rik	MmuINT0000418	chr14	79691586	79700521	-	0.03088
1190002H23Rik	MmuINT0000419	chr14	79690114	79691477	-	0.036848
1190002H23Rik	MmuINT0000420	chr14	79688927	79690050	-	0.032059
1190002N15Rik	MmuINT0000421	chr9	94425115	94437637	-	0.008648
1190002N15Rik	MmuINT0000422	chr9	94421066	94424810	-	0.013948
1190005F20Rik	MmuINT0000427	chr1	1.53E+08	1.53E+08	+	0.017569
1190005F20Rik	MmuINT0000428	chr1	1.53E+08	1.53E+08	+	0.060776
1190005F20Rik	MmuINT0000429	chr1	1.53E+08	1.53E+08	+	0.009636
1190005F20Rik	MmuINT0000430	chr1	1.53E+08	1.53E+08	+	0.016342
1190005F20Rik	MmuINT0000431	chr1	1.53E+08	1.53E+08	+	0.033351

1190005F20Rik	MmuINT0000432	chr1	1.53E+08	1.53E+08	+	0.009086
1190005F20Rik	MmuINT0000433	chr1	1.53E+08	1.53E+08	+	0.012334
1190005F20Rik	MmuINT0000434	chr1	1.53E+08	1.53E+08	+	0.014526
1190005F20Rik	MmuINT0000435	chr1	1.53E+08	1.53E+08	+	0.012262
1190005F20Rik	MmuINT0000436	chr1	1.53E+08	1.53E+08	+	0.017677
1190005F20Rik	MmuINT0000437	chr1	1.53E+08	1.53E+08	+	0.012245
1190005F20Rik	MmuINT0000438	chr1	1.53E+08	1.53E+08	+	0.074025
1190005F20Rik	MmuINT0000439	chr1	1.53E+08	1.53E+08	+	0.008044
1190005F20Rik	MmuINT0000440	chr1	1.53E+08	1.53E+08	+	0.038828
1200009I06Rik	MmuINT0000450	chr12	1.13E+08	1.13E+08	+	0.247356
1200009I06Rik	MmuINT0000451	chr12	1.13E+08	1.13E+08	+	0.047123
1200011I18Rik	MmuINT0000460	chr14	76507261	76510423	-	0.02229
1200011I18Rik	MmuINT0000461	chr14	76505960	76507127	-	0.025763
1200011I18Rik	MmuINT0000462	chr14	76502359	76505860	-	0.018702
1200011I18Rik	MmuINT0000463	chr14	76498999	76502252	-	0.019103
1200011I18Rik	MmuINT0000464	chr14	76498426	76498866	-	0.017219
1200011I18Rik	MmuINT0000465	chr14	76494913	76498260	-	0.015637
1200011I18Rik	MmuINT0000466	chr14	76490554	76494813	-	0.014141
1200011M11Rik	MmuINT0000467	chr11	86897248	86898496	-	0.02058
1200011M11Rik	MmuINT0000468	chr11	86894541	86897101	-	0.037202
1200011M11Rik	MmuINT0000469	chr11	86891653	86893667	-	0.044298
1200014J11Rik	MmuINT0000470	chr11	72861585	72863360	+	0.025516
1200014J11Rik	MmuINT0000471	chr11	72887023	72889116	+	0.013577
1200014J11Rik	MmuINT0000472	chr11	72889272	72891356	+	0.026879
1200014J11Rik	MmuINT0000473	chr11	72891519	72892442	+	0.026733
1200014J11Rik	MmuINT0000474	chr11	72863427	72866924	+	0.017005
1200014J11Rik	MmuINT0000475	chr11	72867031	72878489	+	0.020509
1200014J11Rik	MmuINT0000476	chr11	72878616	72879072	+	0.014231
1200014J11Rik	MmuINT0000477	chr11	72879202	72880184	+	0.014634
1200014J11Rik	MmuINT0000478	chr11	72880262	72881204	+	0.024303
1200014J11Rik	MmuINT0000479	chr11	72881314	72883215	+	0.02287
1200014J11Rik	MmuINT0000480	chr11	72883316	72884299	+	0.015835
1200014J11Rik	MmuINT0000481	chr11	72884404	72886727	+	0.04725
1200016B10Rik	MmuINT0000483	chr1	1.53E+08	1.53E+08	-	0.04215
1200016B10Rik	MmuINT0000484	chr1	1.53E+08	1.53E+08	-	0.042321
1200016B10Rik	MmuINT0000485	chr1	1.53E+08	1.53E+08	-	0.07816
1200016B10Rik	MmuINT0000486	chr1	1.53E+08	1.53E+08	-	0.06688
1200016B10Rik	MmuINT0000487	chr1	1.53E+08	1.53E+08	-	0.044766
1200016B10Rik	MmuINT0000488	chr1	1.53E+08	1.53E+08	-	0.054543
1200016B10Rik	MmuINT0000489	chr1	1.53E+08	1.53E+08	-	0.054313
1200016B10Rik	MmuINT0000491	chr1	1.53E+08	1.53E+08	-	0.065824
1200016B10Rik	MmuINT0000492	chr1	1.53E+08	1.53E+08	-	0.065435
1200016B10Rik	MmuINT0000496	chr1	1.53E+08	1.53E+08	-	0.125909
1200016B10Rik	MmuINT0000497	chr1	1.53E+08	1.53E+08	-	0.0438
1200016B10Rik	MmuINT0000498	chr1	1.53E+08	1.53E+08	-	0.094731
1200016B10Rik	MmuINT0000499	chr1	1.53E+08	1.53E+08	-	0.096184
1200016B10Rik	MmuINT0000500	chr1	1.53E+08	1.53E+08	-	0.040535
1300001I01Rik	MmuINT0000501	chr11	74463197	74469924	+	0.020482
1300001I01Rik	MmuINT0000502	chr11	74475594	74476881	+	0.001009
1300001I01Rik	MmuINT0000503	chr11	74477109	74477285	+	0.001907

1300001I01Rik	MmuINT0000504	chr11	74477391	74477532	+	0.002231
1300001I01Rik	MmuINT0000505	chr11	74477634	74478275	+	0.031494
1300001I01Rik	MmuINT0000506	chr11	74478429	74478508	+	0.022199
1300001I01Rik	MmuINT0000507	chr11	74478572	74478683	+	0.049766
1300001I01Rik	MmuINT0000508	chr11	74478929	74479194	+	0.016134
1300001I01Rik	MmuINT0000509	chr11	74479280	74479424	+	0.006874
1300001I01Rik	MmuINT0000510	chr11	74479579	74479656	+	0.045524
1300001I01Rik	MmuINT0000511	chr11	74479797	74480443	+	0.002409
1300001I01Rik	MmuINT0000512	chr11	74470128	74470669	+	0.001026
1300001I01Rik	MmuINT0000513	chr11	74480525	74480601	+	0.006933
1300001I01Rik	MmuINT0000514	chr11	74480728	74480818	+	0.009031
1300001I01Rik	MmuINT0000515	chr11	74480941	74481168	+	0.029343
1300001I01Rik	MmuINT0000516	chr11	74481263	74481348	+	0.036785
1300001I01Rik	MmuINT0000517	chr11	74481484	74481568	+	0.001627
1300001I01Rik	MmuINT0000518	chr11	74481643	74482916	+	0.023919
1300001I01Rik	MmuINT0000519	chr11	74470842	74472687	+	0.00133
1300001I01Rik	MmuINT0000520	chr11	74472832	74472984	+	0.001721
1300001I01Rik	MmuINT0000521	chr11	74473110	74473195	+	0.002292
1300001I01Rik	MmuINT0000522	chr11	74473351	74473450	+	0.001434
1300001I01Rik	MmuINT0000523	chr11	74473577	74473853	+	0.003355
1300001I01Rik	MmuINT0000524	chr11	74474002	74474165	+	0.011803
1300001I01Rik	MmuINT0000525	chr11	74474259	74474898	+	0.00349
1300010F03Rik	MmuINT0000549	chr14	79481029	79482579	+	0.003735
1300010F03Rik	MmuINT0000550	chr14	79482719	79486426	+	0.009007
1300010F03Rik	MmuINT0000551	chr14	79486627	79492097	+	0.003509
1300010F03Rik	MmuINT0000552	chr14	79492209	79493532	+	0.0049
1300010F03Rik	MmuINT0000553	chr14	79493598	79494004	+	0.004361
1300010F03Rik	MmuINT0000554	chr14	79494131	79495478	+	0.003492
1300010F03Rik	MmuINT0000555	chr14	79495589	79496191	+	0.002173
1300010F03Rik	MmuINT0000556	chr14	79496347	79498040	+	0.038744
1300010F03Rik	MmuINT0000557	chr14	79498237	79502042	+	0.003979
1300010F03Rik	MmuINT0000558	chr14	79502125	79503298	+	0.001758
1300010F03Rik	MmuINT0000559	chr14	79503504	79556878	+	0.002598
1300010F03Rik	MmuINT0000560	chr14	79556988	79559771	+	0.002482
1300010F03Rik	MmuINT0000561	chr14	79559929	79563910	+	0.002501
1300010F03Rik	MmuINT0000562	chr14	79564020	79580547	+	0.002281
1300010F03Rik	MmuINT0000563	chr14	79580674	79582779	+	0.00229
1300010F03Rik	MmuINT0000564	chr14	79582939	79597218	+	0.002194
1300010F03Rik	MmuINT0000565	chr14	79597318	79598028	+	0.001894
1300010F03Rik	MmuINT0000566	chr14	79598268	79600904	+	0.003005
1300010F03Rik	MmuINT0000567	chr14	79249251	79268585	+	0.003385
1300010F03Rik	MmuINT0000568	chr14	79347080	79349090	+	0.002271
1300010F03Rik	MmuINT0000569	chr14	79349226	79349306	+	0.003387
1300010F03Rik	MmuINT0000570	chr14	79349385	79382042	+	0.002502
1300010F03Rik	MmuINT0000571	chr14	79382204	79383995	+	0.001953
1300010F03Rik	MmuINT0000572	chr14	79384110	79394206	+	0.001689
1300010F03Rik	MmuINT0000573	chr14	79394376	79394892	+	0.005429
1300010F03Rik	MmuINT0000574	chr14	79394971	79408970	+	0.003632
1300010F03Rik	MmuINT0000575	chr14	79409087	79418413	+	0.001646
1300010F03Rik	MmuINT0000576	chr14	79418521	79420386	+	0.002194

1300010F03Rik	MmuINT0000577	chr14	79420494	79425812	+	0.002983
1300010F03Rik	MmuINT0000578	chr14	79268664	79307929	+	0.002719
1300010F03Rik	MmuINT0000579	chr14	79425885	79437931	+	0.002911
1300010F03Rik	MmuINT0000580	chr14	79438009	79456453	+	0.002759
1300010F03Rik	MmuINT0000581	chr14	79456530	79458479	+	0.002734
1300010F03Rik	MmuINT0000582	chr14	79458616	79460335	+	0.002633
1300010F03Rik	MmuINT0000583	chr14	79460456	79462290	+	0.001987
1300010F03Rik	MmuINT0000584	chr14	79308061	79311975	+	0.002718
1300010F03Rik	MmuINT0000585	chr14	79312087	79325068	+	0.003387
1300010F03Rik	MmuINT0000586	chr14	79325237	79333472	+	0.002695
1300010F03Rik	MmuINT0000587	chr14	79333638	79334400	+	0.005105
1300010F03Rik	MmuINT0000588	chr14	79334451	79334989	+	0.003432
1300010F03Rik	MmuINT0000589	chr14	79335099	79336911	+	0.002245
1300010F03Rik	MmuINT0000590	chr14	79337017	79346947	+	0.003004
1300014I06Rik	MmuINT0000591	chr13	34730968	34744048	-	0.025554
1300014I06Rik	MmuINT0000592	chr13	34730152	34730875	-	0.02839
1300014I06Rik	MmuINT0000593	chr13	34722332	34730033	-	0.073968
1300014I06Rik	MmuINT0000594	chr13	34720758	34722219	-	0.083176
1300018I17Rik	MmuINT0000611	chr8	1.26E+08	1.26E+08	-	0.007649
1300018I17Rik	MmuINT0000612	chr8	1.26E+08	1.26E+08	-	0.067501
1300018I17Rik	MmuINT0000613	chr8	1.26E+08	1.26E+08	-	0.024675
1300018I17Rik	MmuINT0000614	chr8	1.26E+08	1.26E+08	-	0.11274
1300018I17Rik	MmuINT0000615	chr8	1.26E+08	1.26E+08	-	0.028756
1300018I17Rik	MmuINT0000616	chr8	1.26E+08	1.26E+08	-	0.008733
1300018I17Rik	MmuINT0000617	chr8	1.26E+08	1.26E+08	-	0.013747
1300018I17Rik	MmuINT0000618	chr8	1.26E+08	1.26E+08	-	0.00638
1300018I17Rik	MmuINT0000619	chr8	1.26E+08	1.26E+08	-	0.033186
1300018I17Rik	MmuINT0000620	chr8	1.26E+08	1.26E+08	-	0.025354
1300018I17Rik	MmuINT0000621	chr8	1.26E+08	1.26E+08	-	0.061686
1300018I17Rik	MmuINT0000622	chr8	1.26E+08	1.26E+08	-	0.016696
1300018I17Rik	MmuINT0000623	chr8	1.26E+08	1.26E+08	-	0.05205
1300018I17Rik	MmuINT0000624	chr8	1.26E+08	1.26E+08	-	0.012819
1300018J18Rik	MmuINT0000625	chr15	88920096	88923133	+	0.017256
1300018J18Rik	MmuINT0000626	chr15	88923338	88924566	+	0.092547
1300018J18Rik	MmuINT0000627	chr15	88924754	88926028	+	0.015205
1300018J18Rik	MmuINT0000628	chr15	88926160	88926968	+	0.034724
1300018J18Rik	MmuINT0000629	chr15	88927250	88929061	+	0.174181
1300018J18Rik	MmuINT0000630	chr15	88929879	88930016	+	0.22444
1500001M20Rik	MmuINT0000632	chr6	1.15E+08	1.15E+08	-	0.003607
1500001M20Rik	MmuINT0000634	chr6	1.15E+08	1.15E+08	-	0.012488
1500001M20Rik	MmuINT0000635	chr6	1.15E+08	1.15E+08	-	0.019168
1500001M20Rik	MmuINT0000636	chr6	1.15E+08	1.15E+08	-	0.016026
1500001M20Rik	MmuINT0000637	chr6	1.15E+08	1.15E+08	-	0.019908
1500001M20Rik	MmuINT0000638	chr6	1.15E+08	1.15E+08	-	0.031179
1500002O20Rik	MmuINT0000639	chr7	25184911	25188410	+	0.036972
1500002O20Rik	MmuINT0000640	chr7	25205140	25205594	+	0.078331
1500002O20Rik	MmuINT0000641	chr7	25205703	25205831	+	0.042324
1500002O20Rik	MmuINT0000642	chr7	25205961	25206138	+	0.020086
1500002O20Rik	MmuINT0000643	chr7	25206284	25207318	+	0.028404
1500002O20Rik	MmuINT0000644	chr7	25188567	25190545	+	0.037832

1500002O20Rik	MmuINT0000645	chr7	25190621	25190706	+	0.128167
1500002O20Rik	MmuINT0000646	chr7	25190972	25191053	+	0.110741
1500002O20Rik	MmuINT0000647	chr7	25191152	25192539	+	0.114703
1500002O20Rik	MmuINT0000648	chr7	25192653	25199957	+	0.133097
1500002O20Rik	MmuINT0000649	chr7	25200070	25201517	+	0.104435
1500002O20Rik	MmuINT0000650	chr7	25201614	25201939	+	0.086174
1500002O20Rik	MmuINT0000651	chr7	25202026	25205032	+	0.06075
1500003O03Rik	MmuINT0000652	chr2	1.19E+08	1.19E+08	+	0.002805
1500003O03Rik	MmuINT0000657	chr2	1.19E+08	1.19E+08	+	0.008261
1500009L16Rik	MmuINT0000661	chr10	83220959	83222337	+	0.241603
1500009L16Rik	MmuINT0000662	chr10	83222376	83224662	+	0.055388
1500010J02Rik	MmuINT0000665	chr11	68841567	68843187	+	0.04634
1500010J02Rik	MmuINT0000666	chr11	68843315	68843985	+	0.038535
1500010J02Rik	MmuINT0000667	chr11	68844101	68844192	+	0.031422
1500010J02Rik	MmuINT0000668	chr11	68844509	68844601	+	0.030289
1500010J02Rik	MmuINT0000669	chr11	68845107	68846684	+	0.016532
1500010J02Rik	MmuINT0000670	chr11	68846774	68846868	+	0.031313
1500010J02Rik	MmuINT0000671	chr11	68847044	68847460	+	0.083021
1500010J02Rik	MmuINT0000672	chr11	68847539	68848136	+	0.068531
1500010J02Rik	MmuINT0000673	chr11	68848282	68848385	+	0.064414
1500010J02Rik	MmuINT0000674	chr11	68834696	68835878	+	0.0423
1500010J02Rik	MmuINT0000675	chr11	68848451	68849006	+	0.090741
1500010J02Rik	MmuINT0000676	chr11	68849173	68849268	+	0.018756
1500010J02Rik	MmuINT0000677	chr11	68849396	68849529	+	0.017576
1500010J02Rik	MmuINT0000678	chr11	68836423	68837663	+	0.031045
1500010J02Rik	MmuINT0000679	chr11	68837809	68839575	+	0.049172
1500010J02Rik	MmuINT0000680	chr11	68839855	68839952	+	0.025359
1500010J02Rik	MmuINT0000681	chr11	68840082	68840755	+	0.03572
1500010J02Rik	MmuINT0000682	chr11	68840989	68841105	+	0.023973
1500010J02Rik	MmuINT0000683	chr11	68841284	68841365	+	0.056103
1500011B03Rik	MmuINT0000684	chr5	1.15E+08	1.15E+08	-	0.17072
1500011H22Rik	MmuINT0000686	chr5	1.23E+08	1.23E+08	-	0.024814
1500011H22Rik	MmuINT0000687	chr5	1.23E+08	1.23E+08	-	0.049254
1500011H22Rik	MmuINT0000688	chr5	1.23E+08	1.23E+08	-	0.001302
1500011H22Rik	MmuINT0000689	chr5	1.23E+08	1.23E+08	-	0.026224
1500011H22Rik	MmuINT0000691	chr5	1.23E+08	1.23E+08	-	0.121734
1500011K16Rik	MmuINT0000692	chr2	1.28E+08	1.28E+08	-	0.004445
1500012F01Rik	MmuINT0000693	chr2	1.67E+08	1.67E+08	+	0.029069
1500012F01Rik	MmuINT0000694	chr2	1.67E+08	1.67E+08	+	0.071197
1500012F01Rik	MmuINT0000695	chr2	1.67E+08	1.67E+08	+	0.225148
1500012F01Rik	MmuINT0000696	chr2	1.67E+08	1.67E+08	+	0.084536
1500017E21Rik	MmuINT0000700	chr19	36760158	36763728	-	0.034578
1500017E21Rik	MmuINT0000702	chr19	36699836	36720173	-	0.037394
1500017E21Rik	MmuINT0000703	chr19	36695983	36699712	-	0.038325
1500031L02Rik	MmuINT0000704	chr16	32100198	32103052	+	0.021954
1500031L02Rik	MmuINT0000705	chr16	32103131	32103969	+	0.018007
1500031L02Rik	MmuINT0000706	chr16	32104134	32106991	+	0.012769
1500032L24Rik	MmuINT0000707	chr15	82176700	82178329	+	0.004721
1500032L24Rik	MmuINT0000708	chr15	82178471	82179272	+	0.001281
1600002H07Rik	MmuINT0000712	chr17	24357079	24357196	-	0.358067

1600002H07Rik	MmuINT0000714	chr17	24355209	24356097	-	0.193826
1600002H07Rik	MmuINT0000715	chr17	24354946	24355114	-	0.048905
1600002H07Rik	MmuINT0000716	chr17	24354728	24354833	-	0.053035
1600002H07Rik	MmuINT0000718	chr17	24352951	24353194	-	0.111154
1600002K03Rik	MmuINT0000719	chr10	79635920	79636953	+	0.125038
1600002K03Rik	MmuINT0000720	chr10	79637071	79637561	+	0.021949
1600012H06Rik	MmuINT0000723	chr17	15080325	15080506	+	0.685617
1600014C10Rik	MmuINT0000724	chr7	38968541	38973624	+	0.076399
1600014C10Rik	MmuINT0000725	chr7	38973796	38979722	+	0.017996
1600021P15Rik	MmuINT0000743	chr16	28829096	28929538	-	0.051576
1600027N09Rik	MmuINT0000747	chr2	1.8E+08	1.8E+08	+	0.066246
1600027N09Rik	MmuINT0000748	chr2	1.8E+08	1.8E+08	+	0.109325
1600027N09Rik	MmuINT0000749	chr2	1.8E+08	1.8E+08	+	0.426963
1600027N09Rik	MmuINT0000750	chr2	1.8E+08	1.8E+08	+	0.092462
1600029D21Rik	MmuINT0000751	chr9	50302852	50307199	+	0.943539
1700001K19Rik	MmuINT0000773	chr12	1.12E+08	1.12E+08	-	0.946541
1700001K19Rik	MmuINT0000775	chr12	1.12E+08	1.12E+08	-	0.943809
1700009P17Rik	MmuINT0000894	chr1	1.73E+08	1.73E+08	+	0.128659
1700009P17Rik	MmuINT0000895	chr1	1.73E+08	1.73E+08	+	0.054246
1700009P17Rik	MmuINT0000896	chr1	1.73E+08	1.73E+08	+	0.054452
1700012B15Rik	MmuINT0000963	chr12	3235930	3237284	+	0.161084
1700012B15Rik	MmuINT0000964	chr12	3237413	3237590	+	0.022839
1700012B15Rik	MmuINT0000965	chr12	3237661	3238028	+	0.058357
1700012B15Rik	MmuINT0000966	chr12	3238113	3241521	+	0.853322
1700012B15Rik	MmuINT0000967	chr12	3241579	3247351	+	0.510313
1700017B05Rik	MmuINT0001027	chr9	57106948	57110235	-	0.057276
1700017B05Rik	MmuINT0001028	chr9	57102137	57104192	-	0.037773
1700019E19Rik	MmuINT0001089	chr12	87423591	87426043	+	0.013344
1700019E19Rik	MmuINT0001090	chr12	87426137	87452560	+	0.01282
1700019E19Rik	MmuINT0001092	chr12	87481046	87502098	+	0.041905
1700019E19Rik	MmuINT0001093	chr12	87502172	87502401	+	0.012681
1700019E19Rik	MmuINT0001094	chr12	87502478	87502936	+	0.013356
1700019E19Rik	MmuINT0001095	chr12	87503000	87503127	+	0.006009
1700019L03Rik	MmuINT0001104	chr2	32633538	32633636	-	0.939164
1700019N12Rik	MmuINT0001108	chr19	6997151	6997790	-	0.885916
1700020I14Rik	MmuINT0001119	chr2	1.19E+08	1.19E+08	+	0.006773
1700020L24Rik	MmuINT0001121	chr11	83254099	83254177	+	0.925873
1700020O03Rik	MmuINT0001126	chr12	87582895	87584984	+	0.027922
1700020O03Rik	MmuINT0001127	chr12	87585657	87597817	+	0.053986
1700020O03Rik	MmuINT0001128	chr12	87597883	87601526	+	0.02641
1700020O03Rik	MmuINT0001129	chr12	87601704	87602565	+	0.042944
1700020O03Rik	MmuINT0001130	chr12	87602646	87606131	+	0.031047
1700020O03Rik	MmuINT0001131	chr12	87606200	87608093	+	0.063613
1700020O03Rik	MmuINT0001132	chr12	87608134	87609925	+	0.034541
1700020O03Rik	MmuINT0001133	chr12	87610012	87622398	+	0.045125
1700020O03Rik	MmuINT0001134	chr12	87622494	87629749	+	0.027361
1700021C14Rik	MmuINT0001136	chr3	88091140	88099312	-	0.097434
1700021C14Rik	MmuINT0001137	chr3	88086907	88091019	-	0.069119
1700021F05Rik	MmuINT0001138	chr10	43252964	43260745	-	0.079997
1700021F05Rik	MmuINT0001139	chr10	43250477	43252481	-	0.001773

1700021F05Rik	MmuINT0001140	chr10	43245215	43250403	-	0.015805
1700021K19Rik	MmuINT0001144	chr16	32857132	32868178	-	0.022467
1700021K19Rik	MmuINT0001145	chr16	32829409	32835999	-	0.221146
1700021K19Rik	MmuINT0001146	chr16	32828888	32829350	-	0.022668
1700021K19Rik	MmuINT0001147	chr16	32828091	32828754	-	0.018315
1700021K19Rik	MmuINT0001148	chr16	32827439	32827944	-	0.01581
1700021K19Rik	MmuINT0001149	chr16	32827010	32827373	-	0.018556
1700021K19Rik	MmuINT0001150	chr16	32826283	32826770	-	0.029391
1700021K19Rik	MmuINT0001151	chr16	32825804	32826220	-	0.035679
1700021K19Rik	MmuINT0001152	chr16	32824559	32825649	-	0.018756
1700021K19Rik	MmuINT0001153	chr16	32824233	32824464	-	0.013096
1700021K19Rik	MmuINT0001154	chr16	32849848	32856977	-	0.013574
1700021K19Rik	MmuINT0001155	chr16	32848076	32849763	-	0.015641
1700021K19Rik	MmuINT0001156	chr16	32847410	32847915	-	0.011279
1700021K19Rik	MmuINT0001158	chr16	32843618	32844632	-	0.01064
1700021K19Rik	MmuINT0001159	chr16	32838440	32843083	-	0.157806
1700021K19Rik	MmuINT0001160	chr16	32836707	32838323	-	0.01266
1700021K19Rik	MmuINT0001161	chr16	32836102	32836495	-	0.014613
1700025G04Rik	MmuINT0001215	chr1	1.54E+08	1.54E+08	-	0.014609
1700025G04Rik	MmuINT0001216	chr1	1.54E+08	1.54E+08	-	0.006764
1700025G04Rik	MmuINT0001217	chr1	1.54E+08	1.54E+08	-	0.008283
1700025G04Rik	MmuINT0001218	chr1	1.54E+08	1.54E+08	-	0.00691
1700025G04Rik	MmuINT0001219	chr1	1.54E+08	1.54E+08	-	0.013292
1700025K23Rik	MmuINT0001220	chr10	38852185	38853628	-	0.064531
1700025K23Rik	MmuINT0001221	chr10	38842142	38852052	-	0.035109
1700025K23Rik	MmuINT0001222	chr10	38840203	38841982	-	0.060518
1700025K23Rik	MmuINT0001223	chr10	38838841	38840063	-	0.170626
1700029F09Rik	MmuINT0001272	chr1	44148437	44156692	-	0.023437
1700029F09Rik	MmuINT0001273	chr1	44145373	44148205	-	0.056444
1700029F09Rik	MmuINT0001274	chr1	44144894	44145320	-	0.030724
1700029F09Rik	MmuINT0001275	chr1	44143909	44144687	-	0.021015
1700029J07Rik	MmuINT0001308	chr8	47055928	47058857	-	0.078829
1700029J07Rik	MmuINT0001309	chr8	47053519	47055707	-	0.362747
1700029J07Rik	MmuINT0001310	chr8	47053286	47053380	-	0.056193
1700029J07Rik	MmuINT0001312	chr8	47041921	47047607	-	0.049758
1700029J07Rik	MmuINT0001313	chr8	47039167	47041750	-	0.046027
1700030K09Rik	MmuINT0001328	chr8	74975332	74979012	+	0.120061
1700030K09Rik	MmuINT0001329	chr8	74979467	74981871	+	0.06032
1700030K09Rik	MmuINT0001330	chr8	74981968	74982501	+	0.05702
1700030K09Rik	MmuINT0001331	chr8	74982669	74983927	+	0.123684
1700034H14Rik	MmuINT0001362	chr18	85118845	85120394	-	0.020372
1700034H14Rik	MmuINT0001363	chr18	85118684	85118781	-	0.064904
1700034H14Rik	MmuINT0001365	chr18	85117332	85117414	-	0.008372
1700037C18Rik	MmuINT0001374	chr16	3906301	3906840	-	0.069208
1700037H04Rik	MmuINT0001375	chr2	1.31E+08	1.31E+08	-	0.064972
1700037H04Rik	MmuINT0001376	chr2	1.31E+08	1.31E+08	-	0.106774
1700037H04Rik	MmuINT0001377	chr2	1.31E+08	1.31E+08	-	0.200361
1700037H04Rik	MmuINT0001378	chr2	1.31E+08	1.31E+08	-	0.182043
1700037H04Rik	MmuINT0001379	chr2	1.31E+08	1.31E+08	-	0.24354
1700040I03Rik	MmuINT0001385	chr6	85398586	85401106	-	0.098452



1700040I03Rik	MmuINT0001386	chr6	85398040	85398484	-	0.050176
1700040I03Rik	MmuINT0001387	chr6	85397683	85397929	-	0.065062
1700040I03Rik	MmuINT0001388	chr6	85397292	85397514	-	0.13512
1700040L02Rik	MmuINT0001390	chr10	67996649	68004494	-	0.009875
1700040L02Rik	MmuINT0001391	chr10	67988516	67996559	-	0.010214
1700040L02Rik	MmuINT0001392	chr10	67979159	67988345	-	0.007424
1700040L02Rik	MmuINT0001393	chr10	67972518	67979013	-	0.007609
1700040L02Rik	MmuINT0001394	chr10	67899714	67972444	-	0.009022
1700040L02Rik	MmuINT0001395	chr10	67899169	67899590	-	0.006345
1700040L02Rik	MmuINT0001396	chr10	67894072	67899027	-	0.004971
1700052N19Rik	MmuINT0001418	chr10	5911714	5913829	-	0.050366
1700052N19Rik	MmuINT0001419	chr10	5907050	5911607	-	0.041155
1700052N19Rik	MmuINT0001420	chr10	5895895	5906804	-	0.032117
1700052N19Rik	MmuINT0001421	chr10	5893070	5895731	-	0.074077
1700067K01Rik	MmuINT0001478	chr8	86527959	86528349	+	0.911115
1700081L11Rik	MmuINT0001497	chr11	1.04E+08	1.04E+08	-	0.020521
1700081L11Rik	MmuINT0001498	chr11	1.04E+08	1.04E+08	-	0.031427
1700081L11Rik	MmuINT0001499	chr11	1.04E+08	1.04E+08	-	0.035565
1700081L11Rik	MmuINT0001500	chr11	1.04E+08	1.04E+08	-	0.007587
1700081L11Rik	MmuINT0001501	chr11	1.04E+08	1.04E+08	-	0.022015
1700081L11Rik	MmuINT0001502	chr11	1.04E+08	1.04E+08	-	0.014669
1700081L11Rik	MmuINT0001503	chr11	1.04E+08	1.04E+08	-	0.019096
1700081L11Rik	MmuINT0001504	chr11	1.04E+08	1.04E+08	-	0.011794
1700081L11Rik	MmuINT0001505	chr11	1.04E+08	1.04E+08	-	0.012857
1700081L11Rik	MmuINT0001508	chr11	1.04E+08	1.04E+08	-	0.022362
1700088E04Rik	MmuINT0001520	chr15	78971423	78971584	-	0.053164
1700088E04Rik	MmuINT0001522	chr15	78966196	78966736	-	0.990847
1700088E04Rik	MmuINT0001523	chr15	78965884	78966066	-	0.961467
1700088E04Rik	MmuINT0001524	chr15	78965653	78965782	-	0.929434
1700094D03Rik	MmuINT0001539	chr3	89866806	89867130	+	0.968556
1700094D03Rik	MmuINT0001540	chr3	89867172	89868346	+	0.422095
1700094D03Rik	MmuINT0001541	chr3	89868477	89869431	+	0.104537
1700106N22Rik	MmuINT0001552	chr17	85490204	85495829	+	0.062185
1700106N22Rik	MmuINT0001554	chr17	85496003	85513122	+	0.061505
1700109H08Rik	MmuINT0001582	chr5	3580557	3582142	+	0.931024
1700123I01Rik	MmuINT0001617	chr19	6215210	6221672	+	0.091528
1700123O20Rik	MmuINT0001624	chr14	55305958	55308640	+	0.033449
1810006K21Rik	MmuINT0001638	chr19	10280615	10280913	+	0.534045
1810006K21Rik	MmuINT0001639	chr19	10281024	10281653	+	0.01188
1810006K21Rik	MmuINT0001640	chr19	10281791	10282206	+	0.027233
1810008A18Rik	MmuINT0001642	chr10	76977160	76978347	-	0.019435
1810008A18Rik	MmuINT0001643	chr10	76966660	76977050	-	0.036455
1810008A18Rik	MmuINT0001644	chr10	76960259	76966590	-	0.018016
1810008A18Rik	MmuINT0001645	chr10	76952812	76960107	-	0.069039
1810008A18Rik	MmuINT0001646	chr10	76951219	76952742	-	0.032026
1810009A15Rik	MmuINT0001647	chr19	8963455	8963613	+	0.005251
1810009A15Rik	MmuINT0001648	chr19	8963739	8964492	+	0.002097
1810012P15Rik	MmuINT0001659	chr11	78640139	78649519	+	0.007442
1810012P15Rik	MmuINT0001660	chr11	78649661	78651591	+	0.005129
1810012P15Rik	MmuINT0001661	chr11	78651685	78652624	+	0.021053

1810013D10Rik	MmuINT0001662	chr5	53658598	53668381	+	0.028443
1810013D10Rik	MmuINT0001663	chr5	53668439	53669135	+	0.005911
1810013L24Rik	MmuINT0001664	chr16	8830779	8831413	+	0.01029
1810013L24Rik	MmuINT0001665	chr16	8831495	8843060	+	0.002854
1810013L24Rik	MmuINT0001666	chr16	8843337	8855886	+	0.37183
1810014F10Rik	MmuINT0001669	chr7	1.47E+08	1.47E+08	-	0.033714
1810014F10Rik	MmuINT0001670	chr7	1.47E+08	1.47E+08	-	0.004109
1810014F10Rik	MmuINT0001671	chr7	1.47E+08	1.47E+08	-	0.064003
1810014F10Rik	MmuINT0001672	chr7	1.47E+08	1.47E+08	-	0.04347
1810014F10Rik	MmuINT0001673	chr7	1.47E+08	1.47E+08	-	0.07713
1810020D17Rik	MmuINT0001679	chr7	1.05E+08	1.05E+08	-	0.002255
1810020D17Rik	MmuINT0001680	chr7	1.05E+08	1.05E+08	-	0.004813
1810026J23Rik	MmuINT0001693	chr9	21397515	21397593	+	0.012684
1810027O10Rik	MmuINT0001694	chr11	69652152	69652421	+	0.012052
1810027O10Rik	MmuINT0001695	chr11	69652454	69652689	+	0.007542
1810027O10Rik	MmuINT0001696	chr11	69652771	69652867	+	0.010295
1810029B16Rik	MmuINT0001697	chr8	69008070	69010310	-	0.016469
1810029B16Rik	MmuINT0001698	chr8	69006443	69007956	-	0.066438
1810029B16Rik	MmuINT0001699	chr8	69005447	69006404	-	0.011087
1810029B16Rik	MmuINT0001700	chr8	69004388	69005361	-	0.001051
1810029B16Rik	MmuINT0001701	chr8	69001957	69004238	-	0.001979
1810030N24Rik	MmuINT0001706	chr4	34716397	34718506	-	0.002188
1810030O07Rik	MmuINT0001707	chrX	12250287	12250451	-	0.032948
1810030O07Rik	MmuINT0001708	chrX	12246773	12250151	-	0.013296
1810030O07Rik	MmuINT0001709	chrX	12241776	12246652	-	0.015761
1810030O07Rik	MmuINT0001710	chrX	12239956	12241625	-	0.011361
1810030O07Rik	MmuINT0001711	chrX	12235151	12239775	-	0.017644
1810030O07Rik	MmuINT0001712	chrX	12233613	12234987	-	0.04385
1810031K17Rik	MmuINT0001713	chr1	75138078	75138631	-	0.258431
1810031K17Rik	MmuINT0001714	chr1	75137581	75137989	-	0.021448
1810031K17Rik	MmuINT0001715	chr1	75136477	75137471	-	0.010768
1810031K17Rik	MmuINT0001716	chr1	75136254	75136394	-	0.044413
1810031K17Rik	MmuINT0001717	chr1	75136050	75136132	-	0.020687
1810031K17Rik	MmuINT0001718	chr1	75134391	75135920	-	0.0611
1810031K17Rik	MmuINT0001719	chr1	75134018	75134328	-	0.046723
1810031K17Rik	MmuINT0001720	chr1	75133507	75133899	-	0.017531
1810032O08Rik	MmuINT0001724	chr11	1.17E+08	1.17E+08	+	0.066448
1810032O08Rik	MmuINT0001725	chr11	1.17E+08	1.17E+08	+	0.013357
1810032O08Rik	MmuINT0001726	chr11	1.17E+08	1.17E+08	+	0.646525
1810035L17Rik	MmuINT0001733	chr12	88784977	88788513	+	0.002011
1810035L17Rik	MmuINT0001734	chr12	88788573	88790242	+	0.002289
1810035L17Rik	MmuINT0001735	chr12	88790351	88790753	+	0.029534
1810043G02Rik	MmuINT0001741	chr10	77441527	77442497	+	0.009751
1810043G02Rik	MmuINT0001742	chr10	77442517	77443245	+	0.066372
1810043G02Rik	MmuINT0001743	chr10	77443293	77444328	+	0.03177
1810043G02Rik	MmuINT0001744	chr10	77444559	77445614	+	0.155342
1810043G02Rik	MmuINT0001745	chr10	77445787	77446260	+	0.12695
1810043G02Rik	MmuINT0001746	chr10	77446337	77447163	+	0.174062
1810043H04Rik	MmuINT0001747	chr11	1.2E+08	1.2E+08	+	0.02144
1810043H04Rik	MmuINT0001748	chr11	1.2E+08	1.2E+08	+	0.001699

1810046J19Rik	MmuINT0001749	chr11	98300059	98300171	-	0.012258
1810046J19Rik	MmuINT0001750	chr11	98299628	98299960	-	0.011453
1810046J19Rik	MmuINT0001751	chr11	98299460	98299550	-	0.005451
1810048J11Rik	MmuINT0001756	chr12	73637527	73642361	+	0.055623
1810048J11Rik	MmuINT0001757	chr12	73676528	73680290	+	0.050372
1810048J11Rik	MmuINT0001758	chr12	73643105	73656423	+	0.392775
1810048J11Rik	MmuINT0001761	chr12	73657671	73657787	+	0.102176
1810048J11Rik	MmuINT0001765	chr12	73675490	73676340	+	0.040407
1810049H13Rik	MmuINT0001766	chr11	1.2E+08	1.2E+08	-	0.023622
1810055G02Rik	MmuINT0001767	chr19	3708437	3714403	+	0.105319
1810055G02Rik	MmuINT0001768	chr19	3714626	3715637	+	0.052969
1810055G02Rik	MmuINT0001769	chr19	3715803	3716490	+	0.038024
1810058I24Rik	MmuINT0001770	chr6	35210464	35211158	+	0.000664
1810063B05Rik	MmuINT0001772	chr8	1.29E+08	1.29E+08	+	0.025442
1810063B07Rik	MmuINT0001773	chr14	20896867	20902099	-	0.065758
1810074P20Rik	MmuINT0001780	chr4	25207916	25208822	-	0.058336
1810074P20Rik	MmuINT0001781	chr4	25189474	25192569	-	0.010971
1810074P20Rik	MmuINT0001782	chr4	25186485	25189352	-	0.01235
1810074P20Rik	MmuINT0001783	chr4	25183263	25186361	-	0.009823
1810074P20Rik	MmuINT0001784	chr4	25182082	25183144	-	0.018934
1810074P20Rik	MmuINT0001785	chr4	25181837	25181917	-	0.017543
1810074P20Rik	MmuINT0001786	chr4	25179527	25181705	-	0.050912
1810074P20Rik	MmuINT0001787	chr4	25179165	25179445	-	0.039742
1810074P20Rik	MmuINT0001788	chr4	25178664	25179078	-	0.009545
1810074P20Rik	MmuINT0001789	chr4	25177836	25178482	-	0.016775
1810074P20Rik	MmuINT0001790	chr4	25206522	25207769	-	0.027927
1810074P20Rik	MmuINT0001791	chr4	25205849	25206492	-	0.010486
1810074P20Rik	MmuINT0001792	chr4	25205251	25205750	-	0.009845
1810074P20Rik	MmuINT0001793	chr4	25203084	25205135	-	0.012795
1810074P20Rik	MmuINT0001794	chr4	25197766	25202952	-	0.023467
1810074P20Rik	MmuINT0001795	chr4	25196322	25197706	-	0.08251
1810074P20Rik	MmuINT0001796	chr4	25195015	25196174	-	0.011813
1810074P20Rik	MmuINT0001797	chr4	25192750	25194838	-	0.011802
2010000I03Rik	MmuINT0001798	chrX	1.01E+08	1.01E+08	+	0.311881
2010001M06Rik	MmuINT0001803	chr5	1.35E+08	1.35E+08	-	0.972078
2010002N04Rik	MmuINT0001811	chr18	60635240	60661046	-	0.021271
2010007H12Rik	MmuINT0001818	chr5	1.38E+08	1.38E+08	+	0.061305
2010007H12Rik	MmuINT0001819	chr5	1.38E+08	1.38E+08	+	0.138558
2010007H12Rik	MmuINT0001820	chr5	1.38E+08	1.38E+08	+	0.121616
2010011I20Rik	MmuINT0001821	chr2	1.72E+08	1.72E+08	+	0.01117
2010011I20Rik	MmuINT0001822	chr2	1.72E+08	1.72E+08	+	0.014454
2010012O05Rik	MmuINT0001823	chr19	46764576	46774045	+	0.076527
2010012O05Rik	MmuINT0001824	chr19	46774109	46774227	+	0.038268
2010012O05Rik	MmuINT0001825	chr19	46774272	46775264	+	0.057693
2010012O05Rik	MmuINT0001826	chr19	46775286	46776004	+	0.03301
2010106G01Rik	MmuINT0001852	chr2	1.27E+08	1.27E+08	-	0.01036
2010106G01Rik	MmuINT0001853	chr2	1.27E+08	1.27E+08	-	0.019725
2010106G01Rik	MmuINT0001855	chr2	1.27E+08	1.27E+08	-	0.015174
2010106G01Rik	MmuINT0001856	chr2	1.27E+08	1.27E+08	-	0.009046
2010106G01Rik	MmuINT0001857	chr2	1.27E+08	1.27E+08	-	0.007576

2010106G01Rik	MmuINT0001858	chr2	1.27E+08	1.27E+08	-	0.004684
2010106G01Rik	MmuINT0001859	chr2	1.27E+08	1.27E+08	-	0.007764
2010106G01Rik	MmuINT0001860	chr2	1.27E+08	1.27E+08	-	0.007812
2010106G01Rik	MmuINT0001861	chr2	1.27E+08	1.27E+08	-	0.005041
2010106G01Rik	MmuINT0001862	chr2	1.27E+08	1.27E+08	-	0.010286
2010106G01Rik	MmuINT0001863	chr2	1.27E+08	1.27E+08	-	0.005882
2010106G01Rik	MmuINT0001864	chr2	1.27E+08	1.27E+08	-	0.007472
2010106G01Rik	MmuINT0001865	chr2	1.27E+08	1.27E+08	-	0.010898
2010107E04Rik	MmuINT0001866	chr12	1.13E+08	1.13E+08	-	0.001877
2010107E04Rik	MmuINT0001867	chr12	1.13E+08	1.13E+08	-	0.00184
2010107E04Rik	MmuINT0001868	chr12	1.13E+08	1.13E+08	-	0.000669
2010107H07Rik	MmuINT0001879	chr14	31937796	31941818	-	0.060602
2010111I01Rik	MmuINT0001889	chr13	63311476	63341395	+	0.922693
2010111I01Rik	MmuINT0001890	chr13	63341465	63341565	+	0.008207
2010111I01Rik	MmuINT0001891	chr13	63341641	63383449	+	0.006344
2010111I01Rik	MmuINT0001892	chr13	63383567	63398165	+	0.026571
2010111I01Rik	MmuINT0001893	chr13	63398253	63400019	+	0.009053
2010305A19Rik	MmuINT0001913	chr4	1.08E+08	1.08E+08	+	0.013144
2010305A19Rik	MmuINT0001914	chr4	1.08E+08	1.08E+08	+	0.012617
2010321M09Rik	MmuINT0001924	chr9	64829915	64831784	+	0.035428
2010321M09Rik	MmuINT0001925	chr9	64831851	64833665	+	0.0222
2010321M09Rik	MmuINT0001926	chr9	64809806	64812132	+	0.010583
2010321M09Rik	MmuINT0001927	chr9	64812411	64814496	+	0.003303
2010321M09Rik	MmuINT0001929	chr9	64819936	64820498	+	0.010513
2010321M09Rik	MmuINT0001932	chr9	64823517	64825943	+	0.007335
2200002D01Rik	MmuINT0001937	chr7	30032985	30033146	-	0.100159
2200002D01Rik	MmuINT0001938	chr7	30032754	30032915	-	0.128749
2210010C17Rik	MmuINT0001958	chr7	20530263	20535793	-	0.063582
2210010C17Rik	MmuINT0001959	chr7	20527369	20530052	-	0.0615
2210010C17Rik	MmuINT0001961	chr7	20523600	20524521	-	0.093293
2210012G02Rik	MmuINT0001962	chr4	1.07E+08	1.07E+08	-	0.025987
2210012G02Rik	MmuINT0001963	chr4	1.07E+08	1.07E+08	-	0.018217
2210012G02Rik	MmuINT0001964	chr4	1.07E+08	1.07E+08	-	0.027389
2210012G02Rik	MmuINT0001965	chr4	1.07E+08	1.07E+08	-	0.017061
2210013O21Rik	MmuINT0001966	chrX	1.5E+08	1.5E+08	+	0.021206
2210013O21Rik	MmuINT0001967	chrX	1.5E+08	1.5E+08	+	0.021212
2210013O21Rik	MmuINT0001968	chrX	1.5E+08	1.5E+08	+	0.050219
2210015D19Rik	MmuINT0001972	chr11	5680639	5682187	+	0.569138
2210015D19Rik	MmuINT0001973	chr11	5682361	5683894	+	0.212279
2210016F16Rik	MmuINT0001974	chr13	58485771	58486184	-	0.004983
2210016F16Rik	MmuINT0001975	chr13	58483965	58485510	-	0.011295
2210016F16Rik	MmuINT0001976	chr13	58483371	58483768	-	0.002707
2210016L21Rik	MmuINT0001977	chr5	1.15E+08	1.15E+08	+	0.017903
2210016L21Rik	MmuINT0001978	chr5	1.15E+08	1.15E+08	+	0.022632
2210016L21Rik	MmuINT0001979	chr5	1.15E+08	1.15E+08	+	0.024044
2210016L21Rik	MmuINT0001980	chr5	1.15E+08	1.15E+08	+	0.027292
2210016L21Rik	MmuINT0001981	chr5	1.15E+08	1.15E+08	+	0.013464
2210018M11Rik	MmuINT0001982	chr7	1.06E+08	1.06E+08	-	0.029588
2210018M11Rik	MmuINT0001983	chr7	1.06E+08	1.06E+08	-	0.024017
2210018M11Rik	MmuINT0001984	chr7	1.06E+08	1.06E+08	-	0.014801

2210018M11Rik	MmuINT0001985	chr7	1.06E+08	1.06E+08	-	0.019098
2210018M11Rik	MmuINT0001986	chr7	1.06E+08	1.06E+08	-	0.010172
2210018M11Rik	MmuINT0001987	chr7	1.06E+08	1.06E+08	-	0.058711
2210018M11Rik	MmuINT0001988	chr7	1.06E+08	1.06E+08	-	0.049533
2210018M11Rik	MmuINT0001990	chr7	1.06E+08	1.06E+08	-	0.010303
2210018M11Rik	MmuINT0001991	chr7	1.06E+08	1.06E+08	-	0.426187
2210018M11Rik	MmuINT0001992	chr7	1.06E+08	1.06E+08	-	0.060106
2210018M11Rik	MmuINT0001993	chr7	1.06E+08	1.06E+08	-	0.031906
2210018M11Rik	MmuINT0001997	chr7	1.06E+08	1.06E+08	-	0.017392
2210018M11Rik	MmuINT0001998	chr7	1.06E+08	1.06E+08	-	0.011382
2210018M11Rik	MmuINT0001999	chr7	1.06E+08	1.06E+08	-	0.012478
2210020M01Rik	MmuINT0002001	chr11	1.16E+08	1.16E+08	+	0.090021
2210020M01Rik	MmuINT0002002	chr11	1.16E+08	1.16E+08	+	0.040923
2210021J22Rik	MmuINT0002004	chr15	85639755	85642068	-	0.123146
2210021J22Rik	MmuINT0002005	chr15	85638798	85639641	-	0.048386
2210021J22Rik	MmuINT0002006	chr15	85637969	85638685	-	0.050815
2210403K04Rik	MmuINT0002007	chr11	75275258	75277194	+	0.056144
2210403K04Rik	MmuINT0002008	chr11	75277360	75278808	+	0.688109
2210404J11Rik	MmuINT0002009	chr17	15193799	15195723	+	0.038509
2210404J11Rik	MmuINT0002010	chr17	15195801	15196307	+	0.032692
2210404J11Rik	MmuINT0002011	chr17	15196434	15196729	+	0.024847
2210404J11Rik	MmuINT0002012	chr17	15196949	15198032	+	0.096753
2210404J11Rik	MmuINT0002013	chr17	15198147	15200565	+	0.411258
2210404O07Rik	MmuINT0002026	chr10	80856896	80857520	+	0.067901
2210407C18Rik	MmuINT0002027	chr11	58426398	58426917	-	0.042668
2210407C18Rik	MmuINT0002028	chr11	58426130	58426307	-	0.033478
2210407C18Rik	MmuINT0002029	chr11	58425637	58426015	-	0.030003
2210407C18Rik	MmuINT0002030	chr11	58424315	58425480	-	0.031629
2210407C18Rik	MmuINT0002031	chr11	58422015	58424179	-	0.027429
2210408I21Rik	MmuINT0002032	chr13	77274892	77314113	+	0.066556
2210408I21Rik	MmuINT0002033	chr13	77314246	77322861	+	0.052876
2210411K11Rik	MmuINT0002049	chr7	4736882	4740606	-	0.298154
2300009A05Rik	MmuINT0002061	chr9	63242483	63246682	-	0.06611
2310001A20Rik	MmuINT0002062	chr2	1.5E+08	1.5E+08	-	0.011069
2310001A20Rik	MmuINT0002063	chr2	1.5E+08	1.5E+08	-	0.004443
2310001A20Rik	MmuINT0002064	chr2	1.5E+08	1.5E+08	-	0.016023
2310001A20Rik	MmuINT0002065	chr2	1.5E+08	1.5E+08	-	0.012796
2310001A20Rik	MmuINT0002066	chr2	1.5E+08	1.5E+08	-	0.005925
2310001A20Rik	MmuINT0002067	chr2	1.5E+08	1.5E+08	-	0.008195
2310001A20Rik	MmuINT0002068	chr2	1.5E+08	1.5E+08	-	0.009187
2310001A20Rik	MmuINT0002069	chr2	1.5E+08	1.5E+08	-	0.005895
2310003C23Rik	MmuINT0002074	chr2	1.8E+08	1.8E+08	+	0.001956
2310003C23Rik	MmuINT0002076	chr2	1.8E+08	1.8E+08	+	0.018354
2310003F16Rik	MmuINT0002077	chr2	1.21E+08	1.21E+08	+	0.010608
2310003F16Rik	MmuINT0002078	chr2	1.21E+08	1.21E+08	+	0.015662
2310003F16Rik	MmuINT0002079	chr2	1.21E+08	1.21E+08	+	0.004024
2310003H01Rik	MmuINT0002081	chr11	1.2E+08	1.2E+08	-	0.051884
2310003H01Rik	MmuINT0002082	chr11	1.2E+08	1.2E+08	-	0.06863
2310003H01Rik	MmuINT0002083	chr11	1.2E+08	1.2E+08	-	0.024373
2310003H01Rik	MmuINT0002084	chr11	1.2E+08	1.2E+08	-	0.032703

2310003H01Rik	MmuINT0002085	chr11	1.2E+08	1.2E+08	-	0.035939
2310003H01Rik	MmuINT0002086	chr11	1.2E+08	1.2E+08	-	0.01445
2310003H01Rik	MmuINT0002087	chr11	1.2E+08	1.2E+08	-	0.01631
2310003H01Rik	MmuINT0002088	chr11	1.2E+08	1.2E+08	-	0.012995
2310003L22Rik	MmuINT0002089	chr2	1.4E+08	1.4E+08	+	0.006169
2310003L22Rik	MmuINT0002090	chr2	1.4E+08	1.4E+08	+	0.015772
2310003L22Rik	MmuINT0002091	chr2	1.4E+08	1.4E+08	+	0.007649
2310003L22Rik	MmuINT0002092	chr2	1.4E+08	1.4E+08	+	0.012307
2310003L22Rik	MmuINT0002093	chr2	1.4E+08	1.4E+08	+	0.009364
2310003L22Rik	MmuINT0002094	chr2	1.4E+08	1.4E+08	+	0.006769
2310003L22Rik	MmuINT0002095	chr2	1.4E+08	1.4E+08	+	0.00625
2310003L22Rik	MmuINT0002096	chr2	1.4E+08	1.4E+08	+	0.00773
2310003L22Rik	MmuINT0002097	chr2	1.4E+08	1.4E+08	+	0.026788
2310003L22Rik	MmuINT0002098	chr2	1.4E+08	1.4E+08	+	0.049284
2310004I24Rik	MmuINT0002099	chr11	66865281	66866036	-	0.053335
2310004I24Rik	MmuINT0002100	chr11	66855610	66865182	-	0.07807
2310004I24Rik	MmuINT0002101	chr11	66853838	66854982	-	0.39953
2310004I24Rik	MmuINT0002102	chr11	66851948	66853720	-	0.134932
2310004N24Rik	MmuINT0002103	chr11	1.16E+08	1.16E+08	+	0.012644
2310004N24Rik	MmuINT0002104	chr11	1.16E+08	1.16E+08	+	0.011237
2310008H04Rik	MmuINT0002133	chr16	15903149	15904149	-	0.061482
2310008H09Rik	MmuINT0002148	chr7	1.26E+08	1.26E+08	-	0.034765
2310008H09Rik	MmuINT0002149	chr7	1.26E+08	1.26E+08	-	0.033107
2310009B15Rik	MmuINT0002152	chr1	1.41E+08	1.41E+08	-	0.00809
2310010M20Rik	MmuINT0002153	chr16	32271745	32273241	+	0.040973
2310010M20Rik	MmuINT0002154	chr16	32273392	32273798	+	0.010465
2310011J03Rik	MmuINT0002155	chr10	79782293	79782927	-	0.013821
2310014H01Rik	MmuINT0002156	chr17	36010885	36011741	+	0.076998
2310015A10Rik	MmuINT0002158	chr12	81232947	81233713	-	0.017934
2310015A10Rik	MmuINT0002159	chr12	81226114	81232800	-	0.099235
2310016M24Rik	MmuINT0002162	chr15	99556280	99558075	+	0.01022
2310021P13Rik	MmuINT0002171	chr14	21527279	21529858	+	0.016708
2310021P13Rik	MmuINT0002172	chr14	21534090	21535173	+	0.179141
2310021P13Rik	MmuINT0002173	chr14	21535306	21535443	+	0.03501
2310021P13Rik	MmuINT0002174	chr14	21535624	21535720	+	0.011565
2310021P13Rik	MmuINT0002175	chr14	21535905	21536131	+	0.079909
2310021P13Rik	MmuINT0002176	chr14	21536231	21537089	+	0.013519
2310021P13Rik	MmuINT0002177	chr14	21537215	21537648	+	0.066214
2310021P13Rik	MmuINT0002178	chr14	21537890	21537981	+	0.013956
2310021P13Rik	MmuINT0002179	chr14	21538141	21538218	+	0.025387
2310021P13Rik	MmuINT0002180	chr14	21538448	21538601	+	0.028551
2310021P13Rik	MmuINT0002181	chr14	21538895	21539034	+	0.204468
2310021P13Rik	MmuINT0002182	chr14	21530013	21530249	+	0.148899
2310021P13Rik	MmuINT0002183	chr14	21539259	21540392	+	0.100734
2310021P13Rik	MmuINT0002184	chr14	21540882	21541091	+	0.05798
2310021P13Rik	MmuINT0002185	chr14	21541252	21541364	+	0.067402
2310021P13Rik	MmuINT0002186	chr14	21541542	21541681	+	0.041793
2310021P13Rik	MmuINT0002187	chr14	21541802	21542049	+	0.178637
2310021P13Rik	MmuINT0002188	chr14	21542229	21542360	+	0.031299
2310021P13Rik	MmuINT0002189	chr14	21530345	21530679	+	0.026814

2310021P13Rik	MmuINT0002190	chr14	21530853	21531012	+	0.084949
2310021P13Rik	MmuINT0002191	chr14	21531121	21531258	+	0.017314
2310021P13Rik	MmuINT0002192	chr14	21531341	21531463	+	0.014349
2310021P13Rik	MmuINT0002193	chr14	21531585	21532197	+	0.035869
2310021P13Rik	MmuINT0002194	chr14	21532400	21532551	+	0.012889
2310021P13Rik	MmuINT0002195	chr14	21532728	21533104	+	0.035394
2310022A10Rik	MmuINT0002196	chr7	28349593	28349678	+	0.004559
2310022A10Rik	MmuINT0002197	chr7	28349794	28350665	+	0.004234
2310022A10Rik	MmuINT0002198	chr7	28350748	28356582	+	0.003151
2310022A10Rik	MmuINT0002199	chr7	28356721	28359609	+	0.01075
2310022A10Rik	MmuINT0002200	chr7	28359760	28363731	+	0.020131
2310022A10Rik	MmuINT0002201	chr7	28363803	28365355	+	0.006923
2310022A10Rik	MmuINT0002202	chr7	28365711	28366369	+	0.224782
2310022A10Rik	MmuINT0002203	chr7	28338373	28341432	+	0.02563
2310022B05Rik	MmuINT0002204	chr8	1.27E+08	1.27E+08	-	0.012606
2310022B05Rik	MmuINT0002205	chr8	1.27E+08	1.27E+08	-	0.008722
2310022B05Rik	MmuINT0002206	chr8	1.27E+08	1.27E+08	-	0.002927
2310028H24Rik	MmuINT0002207	chr4	41471448	41516209	-	0.044917
2310028H24Rik	MmuINT0002208	chr4	41469003	41471398	-	0.46767
2310028H24Rik	MmuINT0002209	chr4	41468726	41468899	-	0.022677
2310028H24Rik	MmuINT0002210	chr4	41468000	41468644	-	0.051409
2310028H24Rik	MmuINT0002211	chr4	41467432	41467944	-	0.016098
2310028O11Rik	MmuINT0002212	chr4	1.39E+08	1.39E+08	-	0.0007
2310028O11Rik	MmuINT0002213	chr4	1.39E+08	1.39E+08	-	0.000586
2310030G06Rik	MmuINT0002215	chr9	50550404	50554546	-	0.144987
2310030G06Rik	MmuINT0002216	chr9	50549466	50550365	-	0.083013
2310030G06Rik	MmuINT0002217	chr9	50548855	50549400	-	0.048432
2310030N02Rik	MmuINT0002218	chr4	11000391	11003126	-	0.021378
2310030N02Rik	MmuINT0002219	chr4	10997470	11000290	-	0.01601
2310030N02Rik	MmuINT0002220	chr4	10993855	10997346	-	0.024
2310030N02Rik	MmuINT0002221	chr4	10989300	10993797	-	0.02312
2310030N02Rik	MmuINT0002222	chr4	10988142	10989196	-	0.00485
2310030N02Rik	MmuINT0002223	chr4	10986261	10988007	-	0.004773
2310030N02Rik	MmuINT0002224	chr4	10980636	10986158	-	0.018121
2310030N02Rik	MmuINT0002225	chr4	10978373	10980578	-	0.025772
2310033P09Rik	MmuINT0002230	chr11	59022176	59022321	+	0.021352
2310033P09Rik	MmuINT0002231	chr11	59022368	59022470	+	0.020858
2310033P09Rik	MmuINT0002232	chr11	59022554	59022629	+	0.094743
2310033P09Rik	MmuINT0002233	chr11	59022703	59022809	+	0.076392
2310033P09Rik	MmuINT0002234	chr11	59022896	59023474	+	0.100532
2310033P09Rik	MmuINT0002235	chr11	59023607	59023728	+	0.030245
2310035C23Rik	MmuINT0002239	chr1	1.08E+08	1.08E+08	+	0.03055
2310035C23Rik	MmuINT0002240	chr1	1.08E+08	1.08E+08	+	0.051597
2310035C23Rik	MmuINT0002241	chr1	1.08E+08	1.08E+08	+	0.030965
2310035C23Rik	MmuINT0002243	chr1	1.08E+08	1.08E+08	+	0.019007
2310035C23Rik	MmuINT0002244	chr1	1.08E+08	1.08E+08	+	0.032633
2310035C23Rik	MmuINT0002247	chr1	1.08E+08	1.08E+08	+	0.051676
2310035C23Rik	MmuINT0002250	chr1	1.08E+08	1.08E+08	+	0.037004
2310035C23Rik	MmuINT0002251	chr1	1.08E+08	1.08E+08	+	0.05019
2310035C23Rik	MmuINT0002252	chr1	1.08E+08	1.08E+08	+	0.066092

2310035C23Rik	MmuINT0002253	chr1	1.08E+08	1.08E+08	+	0.018657
2310035C23Rik	MmuINT0002254	chr1	1.08E+08	1.08E+08	+	0.031632
2310035C23Rik	MmuINT0002255	chr1	1.08E+08	1.08E+08	+	0.038275
2310035C23Rik	MmuINT0002256	chr1	1.08E+08	1.08E+08	+	0.066614
2310035C23Rik	MmuINT0002257	chr1	1.08E+08	1.08E+08	+	0.038666
2310035C23Rik	MmuINT0002260	chr1	1.08E+08	1.08E+08	+	0.042695
2310035C23Rik	MmuINT0002261	chr1	1.08E+08	1.08E+08	+	0.032414
2310035C23Rik	MmuINT0002262	chr1	1.08E+08	1.08E+08	+	0.035338
2310035K24Rik	MmuINT0002265	chr2	1.31E+08	1.31E+08	+	0.143056
2310035K24Rik	MmuINT0002266	chr2	1.31E+08	1.31E+08	+	0.190266
2310036O22Rik	MmuINT0002268	chr8	87551134	87553437	+	0.124512
2310036O22Rik	MmuINT0002269	chr8	87553516	87553773	+	0.076734
2310042D19Rik	MmuINT0002279	chr4	1.56E+08	1.56E+08	+	0.009918
2310042D19Rik	MmuINT0002280	chr4	1.56E+08	1.56E+08	+	0.031043
2310042D19Rik	MmuINT0002281	chr4	1.56E+08	1.56E+08	+	0.054621
2310044G17Rik	MmuINT0002287	chr12	88288450	88293693	+	0.008824
2310044G17Rik	MmuINT0002288	chr12	88293882	88301221	+	0.07682
2310044G17Rik	MmuINT0002289	chr12	88301392	88302729	+	0.024427
2310044H10Rik	MmuINT0002293	chr7	51750251	51751625	-	0.003883
2310044H10Rik	MmuINT0002294	chr7	51748670	51750177	-	0.004936
2310044H10Rik	MmuINT0002295	chr7	51748029	51748559	-	0.004537
2310044H10Rik	MmuINT0002296	chr7	51747696	51747923	-	0.001116
2310044H10Rik	MmuINT0002297	chr7	51747419	51747513	-	0.002218
2310044H10Rik	MmuINT0002298	chr7	51746341	51747324	-	0.023555
2310045N01Rik	MmuINT0002299	chr8	72663672	72665762	+	0.019297
2310045N01Rik	MmuINT0002300	chr8	72665876	72666372	+	0.005461
2310045N01Rik	MmuINT0002301	chr8	72666438	72668922	+	0.030432
2310045N01Rik	MmuINT0002302	chr8	72669034	72669709	+	0.061421
2310045N01Rik	MmuINT0002303	chr8	72669790	72670988	+	0.082919
2310046A06Rik	MmuINT0002304	chr9	77087592	77195501	-	0.003813
2310046A06Rik	MmuINT0002305	chr9	77038545	77087198	-	0.007377
2310046A06Rik	MmuINT0002306	chr9	77038191	77038478	-	0.025119
2310046A06Rik	MmuINT0002307	chr9	77029204	77038130	-	0.003394
2310046A06Rik	MmuINT0002308	chr9	77021811	77029158	-	0.001493
2310046A06Rik	MmuINT0002309	chr9	77012701	77021765	-	0.003171
2310046A06Rik	MmuINT0002310	chr9	76950201	77012571	-	0.018103
2310046O06Rik	MmuINT0002317	chr9	57385642	57385830	+	0.030765
2310046O06Rik	MmuINT0002318	chr9	57385919	57386617	+	0.074669
2310046O06Rik	MmuINT0002319	chr9	57386696	57387052	+	0.136339
2310046O06Rik	MmuINT0002320	chr9	57387102	57388461	+	0.512282
2310050B05Rik	MmuINT0002323	chr10	80670674	80670905	+	0.908788
2310057M21Rik	MmuINT0002346	chr7	1.39E+08	1.39E+08	-	0.01937
2310057M21Rik	MmuINT0002347	chr7	1.39E+08	1.39E+08	-	0.023189
2310057M21Rik	MmuINT0002348	chr7	1.39E+08	1.39E+08	-	0.029882
2310057M21Rik	MmuINT0002349	chr7	1.38E+08	1.39E+08	-	0.031856
2310057M21Rik	MmuINT0002350	chr7	1.38E+08	1.38E+08	-	0.096876
2310061C15Rik	MmuINT0002351	chr8	1.19E+08	1.19E+08	-	0.002819
2310061C15Rik	MmuINT0002352	chr8	1.19E+08	1.19E+08	-	0.013411
2310061C15Rik	MmuINT0002353	chr8	1.19E+08	1.19E+08	-	0.003657
2310061I04Rik	MmuINT0002354	chr17	36033018	36034135	-	0.022245



2310061I04Rik	MmuINT0002355	chr17	36032318	36032615	-	0.005012
2310061I04Rik	MmuINT0002356	chr17	36032065	36032228	-	0.014642
2310061I04Rik	MmuINT0002357	chr17	36030055	36031863	-	0.005018
2310061I04Rik	MmuINT0002358	chr17	36029912	36029984	-	0.034882
2310067B10Rik	MmuINT0002360	chr11	1.16E+08	1.16E+08	+	0.020594
2310067B10Rik	MmuINT0002361	chr11	1.16E+08	1.16E+08	+	0.005525
2310067B10Rik	MmuINT0002362	chr11	1.16E+08	1.16E+08	+	0.002813
2310067B10Rik	MmuINT0002363	chr11	1.16E+08	1.16E+08	+	0.004316
2310067B10Rik	MmuINT0002364	chr11	1.16E+08	1.16E+08	+	0.027511
2310067B10Rik	MmuINT0002365	chr11	1.16E+08	1.16E+08	+	0.003174
2310067B10Rik	MmuINT0002366	chr11	1.16E+08	1.16E+08	+	0.003966
2310067B10Rik	MmuINT0002367	chr11	1.16E+08	1.16E+08	+	0.002502
2310067B10Rik	MmuINT0002368	chr11	1.16E+08	1.16E+08	+	0.035008
2310067B10Rik	MmuINT0002369	chr11	1.16E+08	1.16E+08	+	0.019762
2310067B10Rik	MmuINT0002370	chr11	1.16E+08	1.16E+08	+	0.011663
2310067B10Rik	MmuINT0002371	chr11	1.16E+08	1.16E+08	+	0.008584
2310067B10Rik	MmuINT0002372	chr11	1.16E+08	1.16E+08	+	0.005253
2310067B10Rik	MmuINT0002373	chr11	1.16E+08	1.16E+08	+	0.012051
2310067B10Rik	MmuINT0002374	chr11	1.16E+08	1.16E+08	+	0.020213
2310067B10Rik	MmuINT0002375	chr11	1.16E+08	1.16E+08	+	0.005169
2310067B10Rik	MmuINT0002376	chr11	1.16E+08	1.16E+08	+	0.00705
2310067B10Rik	MmuINT0002377	chr11	1.16E+08	1.16E+08	+	0.008345
2310067B10Rik	MmuINT0002378	chr11	1.16E+08	1.16E+08	+	0.022755
2310067B10Rik	MmuINT0002379	chr11	1.16E+08	1.16E+08	+	0.002982
2310067B10Rik	MmuINT0002380	chr11	1.16E+08	1.16E+08	+	0.007765
2310067B10Rik	MmuINT0002382	chr11	1.16E+08	1.16E+08	+	0.009589
2310067B10Rik	MmuINT0002383	chr11	1.16E+08	1.16E+08	+	0.013475
2310067B10Rik	MmuINT0002384	chr11	1.16E+08	1.16E+08	+	0.007777
2310067B10Rik	MmuINT0002385	chr11	1.16E+08	1.16E+08	+	0.01132
2310067B10Rik	MmuINT0002386	chr11	1.16E+08	1.16E+08	+	0.02192
2310067B10Rik	MmuINT0002387	chr11	1.16E+08	1.16E+08	+	0.021251
2310067B10Rik	MmuINT0002388	chr11	1.16E+08	1.16E+08	+	0.010752
2310067B10Rik	MmuINT0002389	chr11	1.16E+08	1.16E+08	+	0.008105
2310079F23Rik	MmuINT0002391	chr5	35900705	35905140	-	0.057888
2310079F23Rik	MmuINT0002394	chr5	35912628	35913692	-	0.047169
2310079F23Rik	MmuINT0002398	chr5	35907105	35908009	-	0.061401
2400003C14Rik	MmuINT0002408	chr8	1.12E+08	1.12E+08	-	0.018429
2400003C14Rik	MmuINT0002409	chr8	1.12E+08	1.12E+08	-	0.007984
2400003C14Rik	MmuINT0002410	chr8	1.12E+08	1.12E+08	-	0.008229
2400003C14Rik	MmuINT0002411	chr8	1.12E+08	1.12E+08	-	0.011297
2400003C14Rik	MmuINT0002412	chr8	1.12E+08	1.12E+08	-	0.01436
2400003C14Rik	MmuINT0002413	chr8	1.12E+08	1.12E+08	-	0.01158
2400003C14Rik	MmuINT0002414	chr8	1.12E+08	1.12E+08	-	0.138668
2400003C14Rik	MmuINT0002415	chr8	1.12E+08	1.12E+08	-	0.51709
2400003C14Rik	MmuINT0002416	chr8	1.12E+08	1.12E+08	-	0.028119
2410001C21Rik	MmuINT0002417	chr2	1.72E+08	1.72E+08	+	0.004597
2410001C21Rik	MmuINT0002421	chr2	1.72E+08	1.72E+08	+	0.005877
2410001C21Rik	MmuINT0002422	chr2	1.72E+08	1.72E+08	+	0.017969
2410001C21Rik	MmuINT0002423	chr2	1.72E+08	1.72E+08	+	0.005515
2410001C21Rik	MmuINT0002424	chr2	1.72E+08	1.72E+08	+	0.005525

2410002F23Rik	MmuINT0002425	chr7	51502194	51503621	+	0.555733
2410002I01Rik	MmuINT0002430	chr11	1.2E+08	1.2E+08	-	0.073029
2410002I01Rik	MmuINT0002431	chr11	1.2E+08	1.2E+08	-	0.257646
2410002I01Rik	MmuINT0002432	chr11	1.2E+08	1.2E+08	-	0.053081
2410002I01Rik	MmuINT0002433	chr11	1.2E+08	1.2E+08	-	0.024511
2410002I01Rik	MmuINT0002434	chr11	1.2E+08	1.2E+08	-	0.415539
2410002I01Rik	MmuINT0002435	chr11	1.2E+08	1.2E+08	-	0.05668
2410002I01Rik	MmuINT0002436	chr11	1.2E+08	1.2E+08	-	0.060153
2410002I01Rik	MmuINT0002437	chr11	1.2E+08	1.2E+08	-	0.061045
2410002I01Rik	MmuINT0002438	chr11	1.2E+08	1.2E+08	-	0.08447
2410002I01Rik	MmuINT0002439	chr11	1.2E+08	1.2E+08	-	0.083796
2410002I01Rik	MmuINT0002440	chr11	1.2E+08	1.2E+08	-	0.05215
2410002I01Rik	MmuINT0002441	chr11	1.2E+08	1.2E+08	-	0.032496
2410002O22Rik	MmuINT0002443	chr13	1.05E+08	1.05E+08	-	0.011072
2410002O22Rik	MmuINT0002444	chr13	1.05E+08	1.05E+08	-	0.011666
2410002O22Rik	MmuINT0002445	chr13	1.05E+08	1.05E+08	-	0.030642
2410002O22Rik	MmuINT0002446	chr13	1.05E+08	1.05E+08	-	0.007203
2410002O22Rik	MmuINT0002447	chr13	1.05E+08	1.05E+08	-	0.009374
2410002O22Rik	MmuINT0002448	chr13	1.05E+08	1.05E+08	-	0.008382
2410002O22Rik	MmuINT0002449	chr13	1.05E+08	1.05E+08	-	0.025312
2410002O22Rik	MmuINT0002450	chr13	1.05E+08	1.05E+08	-	0.017951
2410002O22Rik	MmuINT0002451	chr13	1.05E+08	1.05E+08	-	0.023302
2410002O22Rik	MmuINT0002453	chr13	1.05E+08	1.05E+08	-	0.004693
2410003K15Rik	MmuINT0002455	chr6	49024103	49025084	+	0.007129
2410003K15Rik	MmuINT0002456	chr6	49025264	49032843	+	0.010717
2410003K15Rik	MmuINT0002457	chr6	49032926	49034501	+	0.005162
2410004B18Rik	MmuINT0002460	chr3	1.46E+08	1.46E+08	+	0.051806
2410004B18Rik	MmuINT0002461	chr3	1.46E+08	1.46E+08	+	0.06862
2410006H16Rik	MmuINT0002462	chr11	62416526	62416736	+	0.054297
2410006H16Rik	MmuINT0002463	chr11	62416785	62417098	+	0.076107
2410006H16Rik	MmuINT0002464	chr11	62417149	62417904	+	0.041274
2410006H16Rik	MmuINT0002465	chr11	62417969	62418156	+	0.100153
2410015M20Rik	MmuINT0002466	chr17	56748447	56749062	-	0.004664
2410015M20Rik	MmuINT0002467	chr17	56748116	56748268	-	0.002073
2410015M20Rik	MmuINT0002468	chr17	56747265	56748060	-	0.00164
2410022L05Rik	MmuINT0002488	chr8	13887827	13890166	-	0.016789
2410022L05Rik	MmuINT0002489	chr8	13885882	13887759	-	0.018739
2410022L05Rik	MmuINT0002490	chr8	13885202	13885665	-	0.010847
2410042D21Rik	MmuINT0002491	chr2	1.12E+08	1.12E+08	+	0.054582
2410042D21Rik	MmuINT0002492	chr2	1.12E+08	1.12E+08	+	0.058579
2410042D21Rik	MmuINT0002493	chr2	1.12E+08	1.12E+08	+	0.043609
2410042D21Rik	MmuINT0002494	chr2	1.12E+08	1.12E+08	+	0.090853
2410042D21Rik	MmuINT0002495	chr2	1.12E+08	1.12E+08	+	0.197818
2410042D21Rik	MmuINT0002496	chr2	1.12E+08	1.12E+08	+	0.040205
2410042D21Rik	MmuINT0002497	chr2	1.12E+08	1.12E+08	+	0.137516
2410066E13Rik	MmuINT0002500	chr6	54631926	54638999	+	0.033977
2410066E13Rik	MmuINT0002501	chr6	54639123	54648973	+	0.059219
2410089E03Rik	MmuINT0002535	chr15	8179331	8180214	+	0.040205
2410089E03Rik	MmuINT0002536	chr15	8180370	8181111	+	0.06553
2410089E03Rik	MmuINT0002538	chr15	8182101	8183763	+	0.048229

2410089E03Rik	MmuINT0002540	chr15	8192342	8193802	+	0.052831
2410089E03Rik	MmuINT0002548	chr15	8208345	8209733	+	0.05726
2410089E03Rik	MmuINT0002549	chr15	8209866	8210519	+	0.046399
2410089E03Rik	MmuINT0002550	chr15	8210686	8212326	+	0.038347
2410089E03Rik	MmuINT0002551	chr15	8212386	8212927	+	0.094847
2410089E03Rik	MmuINT0002553	chr15	8213081	8214328	+	0.041004
2410089E03Rik	MmuINT0002554	chr15	8214442	8219618	+	0.097339
2410089E03Rik	MmuINT0002555	chr15	8219798	8220678	+	0.050374
2410091C18Rik	MmuINT0002560	chr17	79336542	79336830	+	0.008865
2410091C18Rik	MmuINT0002561	chr17	79336995	79337880	+	0.006618
2410091C18Rik	MmuINT0002562	chr17	79337962	79338934	+	0.012995
2410091C18Rik	MmuINT0002563	chr17	79339046	79341408	+	0.010211
2410091C18Rik	MmuINT0002564	chr17	79341623	79342592	+	0.021942
2410091C18Rik	MmuINT0002565	chr17	79342652	79343173	+	0.021421
2410091C18Rik	MmuINT0002566	chr17	79343285	79344280	+	0.022873
2410091C18Rik	MmuINT0002567	chr17	79344425	79345635	+	0.008908
2410091C18Rik	MmuINT0002568	chr17	79345810	79346214	+	0.005785
2410131K14Rik	MmuINT0002576	chr5	1.19E+08	1.19E+08	+	0.01016
2410131K14Rik	MmuINT0002577	chr5	1.19E+08	1.19E+08	+	0.017393
2410131K14Rik	MmuINT0002578	chr5	1.19E+08	1.19E+08	+	0.013749
2410131K14Rik	MmuINT0002579	chr5	1.19E+08	1.19E+08	+	0.020071
2410137F16Rik	MmuINT0002580	chr5	1.17E+08	1.17E+08	+	0.455135
2500003M10Rik	MmuINT0002586	chr3	90306176	90307017	-	0.009336
2500003M10Rik	MmuINT0002587	chr3	90304030	90306037	-	0.005254
2510002D24Rik	MmuINT0002588	chr16	18836713	18836798	+	0.147767
2510002D24Rik	MmuINT0002589	chr16	18836967	18839182	+	0.045609
2510003E04Rik	MmuINT0002590	chr10	62037897	62040711	-	0.004557
2510003E04Rik	MmuINT0002591	chr10	62033227	62037797	-	0.00592
2510003E04Rik	MmuINT0002592	chr10	62032391	62033146	-	0.004904
2510003E04Rik	MmuINT0002593	chr10	62028870	62032206	-	0.007586
2510003E04Rik	MmuINT0002594	chr10	62026100	62028784	-	0.012475
2510003E04Rik	MmuINT0002595	chr10	62022632	62025983	-	0.025981
2510006D16Rik	MmuINT0002596	chr4	1.29E+08	1.29E+08	+	0.028103
2510006D16Rik	MmuINT0002598	chr4	1.29E+08	1.29E+08	+	0.0311
2510006D16Rik	MmuINT0002599	chr4	1.29E+08	1.29E+08	+	0.020129
2510009E07Rik	MmuINT0002600	chr16	21653832	21694288	-	0.023816
2510012J08Rik	MmuINT0002601	chr10	80784192	80785182	+	0.014865
2510012J08Rik	MmuINT0002602	chr10	80785751	80785865	+	0.009818
2510012J08Rik	MmuINT0002603	chr10	80786012	80786363	+	0.016653
2510012J08Rik	MmuINT0002604	chr10	80786527	80786654	+	0.03608
2510012J08Rik	MmuINT0002605	chr10	80786770	80787047	+	0.057805
2510012J08Rik	MmuINT0002606	chr10	80787241	80787613	+	0.006046
2510012J08Rik	MmuINT0002607	chr10	80787734	80787834	+	0.019942
2510012J08Rik	MmuINT0002608	chr10	80788122	80788208	+	0.037996
2510039O18Rik	MmuINT0002609	chr4	1.47E+08	1.47E+08	+	0.030332
2510039O18Rik	MmuINT0002610	chr4	1.47E+08	1.47E+08	+	0.046147
2610001J05Rik	MmuINT0002614	chr6	13821147	13821438	-	0.039245
2610001J05Rik	MmuINT0002615	chr6	13820741	13821055	-	0.005945
2610002I17Rik	MmuINT0002618	chr9	1.1E+08	1.1E+08	+	0.067612
2610002I17Rik	MmuINT0002619	chr9	1.1E+08	1.1E+08	+	0.047126

2610002I17Rik	MmuINT0002621	chr9	1.1E+08	1.1E+08	+	0.0567
2610002I17Rik	MmuINT0002622	chr9	1.1E+08	1.1E+08	+	0.086855
2610002I17Rik	MmuINT0002623	chr9	1.1E+08	1.1E+08	+	0.078503
2610002J02Rik	MmuINT0002624	chr4	1.55E+08	1.55E+08	+	0.392501
2610002J02Rik	MmuINT0002625	chr4	1.55E+08	1.55E+08	+	0.031249
2610002J02Rik	MmuINT0002626	chr4	1.55E+08	1.55E+08	+	0.027495
2610002M06Rik	MmuINT0002627	chrX	1.05E+08	1.05E+08	-	0.029888
2610002M06Rik	MmuINT0002628	chrX	1.05E+08	1.05E+08	-	0.022203
2610002M06Rik	MmuINT0002629	chrX	1.05E+08	1.05E+08	-	0.039966
2610002M06Rik	MmuINT0002630	chrX	1.05E+08	1.05E+08	-	0.044306
2610002M06Rik	MmuINT0002631	chrX	1.05E+08	1.05E+08	-	0.042608
2610002M06Rik	MmuINT0002632	chrX	1.05E+08	1.05E+08	-	0.034813
2610002M06Rik	MmuINT0002633	chrX	1.05E+08	1.05E+08	-	0.035257
2610008E11Rik	MmuINT0002635	chr10	78557303	78560202	-	0.031534
2610008E11Rik	MmuINT0002639	chr10	78530797	78531378	-	0.324465
2610015P09Rik	MmuINT0002641	chr16	43944844	43946781	+	0.11876
2610015P09Rik	MmuINT0002642	chr16	43946865	43947539	+	0.085434
2610015P09Rik	MmuINT0002643	chr16	43947642	43956930	+	0.033806
2610015P09Rik	MmuINT0002644	chr16	43957075	43959328	+	0.068908
2610015P09Rik	MmuINT0002645	chr16	43959482	43960130	+	0.055728
2610015P09Rik	MmuINT0002646	chr16	43960277	43963380	+	0.034596
2610015P09Rik	MmuINT0002647	chr16	43898345	43905458	+	0.06308
2610015P09Rik	MmuINT0002648	chr16	43905597	43906900	+	0.041325
2610015P09Rik	MmuINT0002649	chr16	43907080	43908524	+	0.049105
2610015P09Rik	MmuINT0002650	chr16	43908749	43915562	+	0.056976
2610015P09Rik	MmuINT0002651	chr16	43915717	43931306	+	0.044046
2610020H08Rik	MmuINT0002678	chr7	1.27E+08	1.27E+08	+	0.158562
2610024G14Rik	MmuINT0002695	chr5	77736743	77737931	-	0.00533
2610024G14Rik	MmuINT0002696	chr5	77735502	77736577	-	0.005514
2610024G14Rik	MmuINT0002697	chr5	77733343	77735298	-	0.013219
2610024G14Rik	MmuINT0002698	chr5	77728800	77733210	-	0.010175
2610024G14Rik	MmuINT0002699	chr5	77726229	77728682	-	0.025966
2610024G14Rik	MmuINT0002700	chr5	77723582	77726110	-	0.009323
2610027L16Rik	MmuINT0002701	chr14	56364858	56364997	+	0.028778
2610027L16Rik	MmuINT0002702	chr14	56365448	56368168	+	0.038412
2610027L16Rik	MmuINT0002703	chr14	56368280	56368828	+	0.032643
2610027L16Rik	MmuINT0002704	chr14	56368971	56369889	+	0.039357
2610027L16Rik	MmuINT0002705	chr14	56370083	56370894	+	0.013549
2610027L16Rik	MmuINT0002706	chr14	56371036	56371373	+	0.015983
2610027L16Rik	MmuINT0002707	chr14	56371500	56371648	+	0.021298
2610027L16Rik	MmuINT0002708	chr14	56371886	56372096	+	0.020627
2610027L16Rik	MmuINT0002709	chr14	56372203	56372477	+	0.011232
2610029G23Rik	MmuINT0002721	chrX	1.02E+08	1.02E+08	+	0.029237
2610029G23Rik	MmuINT0002722	chrX	1.02E+08	1.02E+08	+	0.013233
2610029G23Rik	MmuINT0002723	chrX	1.02E+08	1.02E+08	+	0.03067
2610029G23Rik	MmuINT0002725	chrX	1.02E+08	1.02E+08	+	0.013446
2610029I01Rik	MmuINT0002726	chr4	21686941	21694196	-	0.014309
2610029I01Rik	MmuINT0002727	chr4	21686677	21686769	-	0.014322
2610029I01Rik	MmuINT0002728	chr4	21685623	21686516	-	0.010757
2610034B18Rik	MmuINT0002731	chr7	87076765	87080038	-	0.029167

2610034B18Rik	MmuINT0002732	chr7	87074592	87076688	-	0.0385
2610034B18Rik	MmuINT0002733	chr7	87073265	87074458	-	0.022474
2610034B18Rik	MmuINT0002734	chr7	87072676	87073057	-	0.006255
2610034B18Rik	MmuINT0002735	chr7	87071737	87072511	-	0.011691
2610039C10Rik	MmuINT0002751	chr16	90722004	90726537	-	0.080154
2610039C10Rik	MmuINT0002752	chr16	90720996	90721880	-	0.206139
2610039C10Rik	MmuINT0002753	chr16	90720224	90720898	-	0.241075
2610101N10Rik	MmuINT0002761	chr9	95403004	95412235	-	0.021133
2610101N10Rik	MmuINT0002762	chr9	95390331	95390508	-	0.011536
2610101N10Rik	MmuINT0002763	chr9	95389209	95390118	-	0.170668
2610101N10Rik	MmuINT0002764	chr9	95386085	95389164	-	0.202806
2610101N10Rik	MmuINT0002765	chr9	95384894	95385979	-	0.009744
2610101N10Rik	MmuINT0002766	chr9	95384753	95384826	-	0.009683
2610101N10Rik	MmuINT0002767	chr9	95382674	95384588	-	0.007348
2610101N10Rik	MmuINT0002768	chr9	95382152	95382510	-	0.011095
2610101N10Rik	MmuINT0002769	chr9	95379774	95382071	-	0.01571
2610101N10Rik	MmuINT0002770	chr9	95377942	95379685	-	0.025978
2610101N10Rik	MmuINT0002771	chr9	95376683	95377818	-	0.025715
2610101N10Rik	MmuINT0002773	chr9	95375717	95376525	-	0.00835
2610101N10Rik	MmuINT0002774	chr9	95374907	95375620	-	0.011134
2610101N10Rik	MmuINT0002775	chr9	95372622	95374839	-	0.007924
2610101N10Rik	MmuINT0002776	chr9	95367076	95372461	-	0.006572
2610101N10Rik	MmuINT0002778	chr9	95363299	95364781	-	0.005002
2610101N10Rik	MmuINT0002779	chr9	95361963	95363121	-	0.010055
2610101N10Rik	MmuINT0002780	chr9	95394237	95396253	-	0.012337
2610101N10Rik	MmuINT0002781	chr9	95393651	95394121	-	0.012206
2610101N10Rik	MmuINT0002782	chr9	95392811	95393516	-	0.013875
2610101N10Rik	MmuINT0002783	chr9	95391896	95392742	-	0.015078
2610101N10Rik	MmuINT0002784	chr9	95391720	95391800	-	0.025105
2610101N10Rik	MmuINT0002785	chr9	95391593	95391683	-	0.049906
2610101N10Rik	MmuINT0002786	chr9	95390675	95391509	-	0.008306
2610301B20Rik	MmuINT0002796	chr4	10801920	10806669	+	0.086621
2610301B20Rik	MmuINT0002797	chr4	10806758	10808947	+	0.053763
2610301B20Rik	MmuINT0002799	chr4	10809620	10820409	+	0.01345
2610301B20Rik	MmuINT0002800	chr4	10820506	10825045	+	0.02584
2610301G19Rik	MmuINT0002801	chr14	70552565	70553433	-	0.031882
2610301G19Rik	MmuINT0002802	chr14	70542896	70543205	-	0.062883
2610301G19Rik	MmuINT0002803	chr14	70542339	70542731	-	0.033853
2610301G19Rik	MmuINT0002804	chr14	70541978	70542166	-	0.041659
2610301G19Rik	MmuINT0002805	chr14	70541655	70541749	-	0.01274
2610301G19Rik	MmuINT0002806	chr14	70540820	70541417	-	0.102431
2610301G19Rik	MmuINT0002807	chr14	70540355	70540674	-	0.082826
2610301G19Rik	MmuINT0002808	chr14	70539941	70540271	-	0.132584
2610301G19Rik	MmuINT0002809	chr14	70539679	70539793	-	0.027327
2610301G19Rik	MmuINT0002810	chr14	70539488	70539566	-	0.027984
2610301G19Rik	MmuINT0002811	chr14	70539183	70539298	-	0.014899
2610301G19Rik	MmuINT0002812	chr14	70552272	70552470	-	0.015595
2610301G19Rik	MmuINT0002813	chr14	70538755	70538976	-	0.023646
2610301G19Rik	MmuINT0002814	chr14	70551779	70552179	-	0.028513
2610301G19Rik	MmuINT0002815	chr14	70551483	70551686	-	0.024482

2610301G19Rik	MmuINT0002816	chr14	70551211	70551367	-	0.025725
2610301G19Rik	MmuINT0002817	chr14	70550916	70551080	-	0.041011
2610301G19Rik	MmuINT0002818	chr14	70545770	70550818	-	0.052276
2610301G19Rik	MmuINT0002819	chr14	70543618	70545649	-	0.064155
2610301G19Rik	MmuINT0002820	chr14	70543320	70543394	-	0.029789
2610507B11Rik	MmuINT0002832	chr11	78075420	78076200	+	0.012105
2610507B11Rik	MmuINT0002833	chr11	78080506	78080598	+	0.001812
2610507B11Rik	MmuINT0002834	chr11	78080745	78081600	+	0.010042
2610507B11Rik	MmuINT0002835	chr11	78081720	78081827	+	0.001392
2610507B11Rik	MmuINT0002836	chr11	78081992	78082140	+	0.001712
2610507B11Rik	MmuINT0002837	chr11	78082400	78082989	+	0.002867
2610507B11Rik	MmuINT0002838	chr11	78083196	78084792	+	0.001096
2610507B11Rik	MmuINT0002839	chr11	78085886	78086279	+	0.002109
2610507B11Rik	MmuINT0002840	chr11	78086472	78086598	+	0.008547
2610507B11Rik	MmuINT0002841	chr11	78086802	78086942	+	0.003571
2610507B11Rik	MmuINT0002842	chr11	78087062	78087183	+	0.005114
2610507B11Rik	MmuINT0002843	chr11	78076331	78077091	+	0.003665
2610507B11Rik	MmuINT0002844	chr11	78087405	78087966	+	0.003348
2610507B11Rik	MmuINT0002845	chr11	78088158	78088289	+	0.00164
2610507B11Rik	MmuINT0002846	chr11	78088390	78088508	+	0.005435
2610507B11Rik	MmuINT0002847	chr11	78088712	78090541	+	0.002512
2610507B11Rik	MmuINT0002848	chr11	78090837	78092548	+	0.001017
2610507B11Rik	MmuINT0002849	chr11	78092707	78093210	+	0.001103
2610507B11Rik	MmuINT0002850	chr11	78093418	78096560	+	0.001291
2610507B11Rik	MmuINT0002851	chr11	78096661	78097601	+	0.002077
2610507B11Rik	MmuINT0002852	chr11	78097785	78098240	+	0.001298
2610507B11Rik	MmuINT0002853	chr11	78098363	78098939	+	0.001405
2610507B11Rik	MmuINT0002854	chr11	78077142	78077413	+	0.004036
2610507B11Rik	MmuINT0002855	chr11	78099096	78099176	+	0.001521
2610507B11Rik	MmuINT0002856	chr11	78099299	78100014	+	0.001274
2610507B11Rik	MmuINT0002857	chr11	78100196	78100797	+	0.001758
2610507B11Rik	MmuINT0002858	chr11	78100885	78101185	+	0.003915
2610507B11Rik	MmuINT0002859	chr11	78101297	78101433	+	0.001651
2610507B11Rik	MmuINT0002860	chr11	78101570	78101666	+	0.0011
2610507B11Rik	MmuINT0002861	chr11	78101798	78102442	+	0.001838
2610507B11Rik	MmuINT0002862	chr11	78102545	78102787	+	0.002169
2610507B11Rik	MmuINT0002863	chr11	78102923	78103305	+	0.001592
2610507B11Rik	MmuINT0002864	chr11	78077562	78077965	+	0.006845
2610507B11Rik	MmuINT0002865	chr11	78078085	78078680	+	0.002158
2610507B11Rik	MmuINT0002866	chr11	78078742	78079074	+	0.003641
2610507B11Rik	MmuINT0002867	chr11	78079265	78079852	+	0.00186
2610507B11Rik	MmuINT0002868	chr11	78079977	78080096	+	0.001496
2610507B11Rik	MmuINT0002869	chr11	78080222	78080437	+	0.00431
2610528E23Rik	MmuINT0002872	chr16	57318094	57323576	-	0.002049
2610528E23Rik	MmuINT0002873	chr16	57316405	57318018	-	0.003239
2610528E23Rik	MmuINT0002874	chr16	57312831	57316274	-	0.007079
2610528E23Rik	MmuINT0002875	chr16	57311469	57312770	-	0.004317
2610528E23Rik	MmuINT0002876	chr16	57307543	57311365	-	0.014801
2610528E23Rik	MmuINT0002877	chr16	57307027	57307481	-	0.005572
2610528E23Rik	MmuINT0002878	chr16	57303882	57306938	-	0.006258

2610528E23Rik	MmuINT0002879	chr16	57302396	57303792	-	0.003291
2700007P21Rik	MmuINT0002882	chr2	1.07E+08	1.07E+08	-	0.059737
2700007P21Rik	MmuINT0002884	chr2	1.07E+08	1.07E+08	-	0.03502
2700023E23Rik	MmuINT0002887	chr5	74489165	74489382	+	0.391801
2700029M09Rik	MmuINT0002888	chr8	63369334	63372497	+	0.034566
2700029M09Rik	MmuINT0002889	chr8	63372658	63374257	+	0.009296
2700029M09Rik	MmuINT0002890	chr8	63374448	63375534	+	0.028065
2700029M09Rik	MmuINT0002891	chr8	63375634	63378880	+	0.015248
2700029M09Rik	MmuINT0002892	chr8	63379032	63382796	+	0.030217
2700029M09Rik	MmuINT0002893	chr8	63382885	63384344	+	0.037045
2700029M09Rik	MmuINT0002894	chr8	63384518	63386133	+	0.079271
2700046G09Rik	MmuINT0002895	chr19	32463867	32464194	+	0.908771
2700049A03Rik	MmuINT0002901	chr12	72261396	72262110	+	0.062947
2700049A03Rik	MmuINT0002911	chr12	72280146	72285409	+	0.063967
2700049A03Rik	MmuINT0002913	chr12	72288525	72289574	+	0.056152
2700049A03Rik	MmuINT0002914	chr12	72289795	72290393	+	0.06599
2700049A03Rik	MmuINT0002915	chr12	72290642	72291881	+	0.057663
2700049A03Rik	MmuINT0002916	chr12	72291953	72294253	+	0.05064
2700049A03Rik	MmuINT0002917	chr12	72294377	72295278	+	0.058313
2700049A03Rik	MmuINT0002918	chr12	72295454	72343930	+	0.114559
2700049A03Rik	MmuINT0002922	chr12	72251452	72253636	+	0.054485
2700050L05Rik	MmuINT0002927	chr7	1.41E+08	1.41E+08	+	0.025982
2700050L05Rik	MmuINT0002928	chr7	1.41E+08	1.41E+08	+	0.028274
2700050L05Rik	MmuINT0002929	chr7	1.41E+08	1.41E+08	+	0.031286
2700050L05Rik	MmuINT0002930	chr7	1.41E+08	1.41E+08	+	0.041389
2700050L05Rik	MmuINT0002931	chr7	1.41E+08	1.41E+08	+	0.050098
2700050L05Rik	MmuINT0002932	chr7	1.41E+08	1.41E+08	+	0.027479
2700050L05Rik	MmuINT0002933	chr7	1.41E+08	1.41E+08	+	0.028701
2700050L05Rik	MmuINT0002934	chr7	1.41E+08	1.41E+08	+	0.018839
2700050L05Rik	MmuINT0002935	chr7	1.41E+08	1.41E+08	+	0.025366
2700050L05Rik	MmuINT0002936	chr7	1.41E+08	1.41E+08	+	0.029647
2700050L05Rik	MmuINT0002938	chr7	1.41E+08	1.41E+08	+	0.02148
2700050L05Rik	MmuINT0002939	chr7	1.41E+08	1.41E+08	+	0.02509
2700050L05Rik	MmuINT0002940	chr7	1.41E+08	1.41E+08	+	0.027258
2700050L05Rik	MmuINT0002941	chr7	1.41E+08	1.41E+08	+	0.042157
2700050L05Rik	MmuINT0002942	chr7	1.41E+08	1.41E+08	+	0.15185
2700050L05Rik	MmuINT0002943	chr7	1.41E+08	1.41E+08	+	0.027992
2700050L05Rik	MmuINT0002944	chr7	1.41E+08	1.41E+08	+	0.03031
2700050L05Rik	MmuINT0002945	chr7	1.41E+08	1.41E+08	+	0.030857
2700050L05Rik	MmuINT0002948	chr7	1.41E+08	1.41E+08	+	0.036894
2700050L05Rik	MmuINT0002949	chr7	1.41E+08	1.41E+08	+	0.037565
2700078E11Rik	MmuINT0002961	chr19	60640198	60656230	-	0.011001
2700078E11Rik	MmuINT0002962	chr19	60639168	60640070	-	0.015119
2700078E11Rik	MmuINT0002963	chr19	60621445	60639064	-	0.02857
2700078E11Rik	MmuINT0002964	chr19	60619016	60621348	-	0.015174
2700078E11Rik	MmuINT0002966	chr19	60605412	60610038	-	0.017852
2700078E11Rik	MmuINT0002967	chr19	60604991	60605367	-	0.011396
2700078K21Rik	MmuINT0002971	chr7	1.49E+08	1.49E+08	-	0.016793
2700078K21Rik	MmuINT0002972	chr7	1.49E+08	1.49E+08	-	0.025313
2700078K21Rik	MmuINT0002973	chr7	1.49E+08	1.49E+08	-	0.029871

2700078K21Rik	MmuINT0002974	chr7	1.49E+08	1.49E+08	-	0.027538
2700081O15Rik	MmuINT0002977	chr19	7496135	7496403	+	0.043904
2700081O15Rik	MmuINT0002978	chr19	7496953	7497132	+	0.215772
2700094K13Rik	MmuINT0002981	chr2	84510548	84510639	-	0.009246
2700094K13Rik	MmuINT0002982	chr2	84509555	84510143	-	0.030376
2700097O09Rik	MmuINT0002984	chr12	56162181	56163974	-	0.017579
2700097O09Rik	MmuINT0002985	chr12	56160566	56162041	-	0.030416
2700097O09Rik	MmuINT0002986	chr12	56154395	56158228	-	0.217458
2700097O09Rik	MmuINT0002987	chr12	56149965	56154287	-	0.067933
2700097O09Rik	MmuINT0002988	chr12	56146931	56149873	-	0.042339
2810001G20Rik	MmuINT0002999	chr11	63893280	63896154	+	0.062658
2810002D19Rik	MmuINT0003000	chr2	94247124	94250615	+	0.022296
2810002N01Rik	MmuINT0003003	chr12	1.13E+08	1.13E+08	+	0.008557
2810002N01Rik	MmuINT0003004	chr12	1.13E+08	1.13E+08	+	0.002623
2810002N01Rik	MmuINT0003005	chr12	1.13E+08	1.13E+08	+	0.007364
2810002N01Rik	MmuINT0003006	chr12	1.13E+08	1.13E+08	+	0.017201
2810004N23Rik	MmuINT0003007	chr8	1.27E+08	1.27E+08	-	0.004849
2810004N23Rik	MmuINT0003008	chr8	1.27E+08	1.27E+08	-	0.01014
2810004N23Rik	MmuINT0003009	chr8	1.27E+08	1.27E+08	-	0.008548
2810004N23Rik	MmuINT0003010	chr8	1.27E+08	1.27E+08	-	0.002114
2810004N23Rik	MmuINT0003011	chr8	1.27E+08	1.27E+08	-	0.005671
2810004N23Rik	MmuINT0003012	chr8	1.27E+08	1.27E+08	-	0.003107
2810008D09Rik	MmuINT0003019	chr11	1.17E+08	1.17E+08	+	0.076901
2810008M24Rik	MmuINT0003020	chr13	1.09E+08	1.09E+08	+	0.072598
2810008M24Rik	MmuINT0003021	chr13	1.09E+08	1.09E+08	+	0.009122
2810021J22Rik	MmuINT0003027	chr11	58690323	58692277	+	0.076643
2810025M15Rik	MmuINT0003029	chr1	1.59E+08	1.59E+08	+	0.013025
2810025M15Rik	MmuINT0003030	chr1	1.59E+08	1.59E+08	+	0.012001
2810046L04Rik	MmuINT0003032	chr3	53268242	53271023	+	0.029415
2810046L04Rik	MmuINT0003033	chr3	53279624	53281404	+	0.094077
2810046L04Rik	MmuINT0003034	chr3	53283089	53283481	+	0.063566
2810046L04Rik	MmuINT0003035	chr3	53283633	53284433	+	0.065573
2810046L04Rik	MmuINT0003036	chr3	53271090	53273402	+	0.113374
2810046L04Rik	MmuINT0003037	chr3	53273472	53274194	+	0.062256
2810046L04Rik	MmuINT0003038	chr3	53274290	53275345	+	0.041994
2810046L04Rik	MmuINT0003039	chr3	53275440	53275897	+	0.023524
2810046L04Rik	MmuINT0003040	chr3	53276009	53277405	+	0.058423
2810046L04Rik	MmuINT0003041	chr3	53277490	53278609	+	0.15491
2810046L04Rik	MmuINT0003042	chr3	53278689	53279236	+	0.046129
2810046L04Rik	MmuINT0003043	chr3	53279333	53279578	+	0.077447
2810055F11Rik	MmuINT0003051	chr12	73180644	73185635	-	0.011225
2810055F11Rik	MmuINT0003054	chr12	73175024	73178130	-	0.023773
2810055G20Rik	MmuINT0003058	chr16	77501856	77556166	+	0.006018
2810403A07Rik	MmuINT0003059	chr3	88489810	88490265	+	0.025858
2810403A07Rik	MmuINT0003060	chr3	88504437	88512701	+	0.046837
2810403A07Rik	MmuINT0003061	chr3	88512864	88513751	+	0.28942
2810403A07Rik	MmuINT0003062	chr3	88513865	88514682	+	0.035783
2810403A07Rik	MmuINT0003063	chr3	88514775	88515551	+	0.275125
2810403A07Rik	MmuINT0003064	chr3	88490489	88493096	+	0.016668
2810403A07Rik	MmuINT0003065	chr3	88493226	88493545	+	0.005976



2810403A07Rik	MmuINT0003066	chr3	88493626	88496997	+	0.010765
2810403A07Rik	MmuINT0003067	chr3	88497051	88497342	+	0.009608
2810403A07Rik	MmuINT0003068	chr3	88497507	88500486	+	0.033393
2810403A07Rik	MmuINT0003069	chr3	88500699	88502770	+	0.015273
2810403A07Rik	MmuINT0003070	chr3	88502832	88503872	+	0.037198
2810403A07Rik	MmuINT0003071	chr3	88503931	88504182	+	0.020416
2810405K02Rik	MmuINT0003076	chr4	1.54E+08	1.54E+08	-	0.002667
2810405K02Rik	MmuINT0003077	chr4	1.54E+08	1.54E+08	-	0.002017
2810405K02Rik	MmuINT0003078	chr4	1.54E+08	1.54E+08	-	0.003023
2810405K02Rik	MmuINT0003079	chr4	1.54E+08	1.54E+08	-	0.001778
2810405K02Rik	MmuINT0003080	chr4	1.54E+08	1.54E+08	-	0.003146
2810405K02Rik	MmuINT0003081	chr4	1.54E+08	1.54E+08	-	0.000696
2810407C02Rik	MmuINT0003082	chr3	58380796	58389152	+	0.006115
2810407C02Rik	MmuINT0003083	chr3	58389264	58389873	+	0.000645
2810407C02Rik	MmuINT0003085	chr3	58392456	58394088	+	0.000368
2810407C02Rik	MmuINT0003086	chr3	58394243	58394616	+	0.000307
2810410L24Rik	MmuINT0003099	chr11	1.2E+08	1.2E+08	-	0.676198
2810422J05Rik	MmuINT0003104	chr8	73043961	73046961	-	0.00404
2810422J05Rik	MmuINT0003106	chr8	73039341	73042263	-	0.048681
2810422J05Rik	MmuINT0003107	chr8	73038068	73039293	-	0.012873
2810428I15Rik	MmuINT0003109	chr8	73030479	73030560	-	0.023995
2810428I15Rik	MmuINT0003110	chr8	73029860	73030395	-	0.015605
2810428I15Rik	MmuINT0003111	chr8	73028960	73029654	-	0.009938
2810428I15Rik	MmuINT0003112	chr8	73028409	73028882	-	0.014679
2810429I04Rik	MmuINT0003115	chr13	3479248	3484294	+	0.973437
2810432D09Rik	MmuINT0003117	chr4	41659847	41660492	-	0.01405
2810432L12Rik	MmuINT0003118	chr4	49600114	49610495	-	0.116179
2810474O19Rik	MmuINT0003127	chr6	1.49E+08	1.49E+08	+	0.033265
2810474O19Rik	MmuINT0003129	chr6	1.49E+08	1.49E+08	+	0.053104
2810474O19Rik	MmuINT0003130	chr6	1.49E+08	1.49E+08	+	0.036146
2900006K08Rik	MmuINT0003132	chr12	85750206	85751986	+	0.038695
2900006K08Rik	MmuINT0003134	chr12	85771284	85774250	+	0.467637
2900006K08Rik	MmuINT0003135	chr12	85752216	85754213	+	0.052232
2900006K08Rik	MmuINT0003136	chr12	85754280	85755523	+	0.028265
2900006K08Rik	MmuINT0003137	chr12	85755668	85760923	+	0.097351
2900006K08Rik	MmuINT0003141	chr12	85768152	85769292	+	0.569859
2900010J23Rik	MmuINT0003143	chr2	32143166	32143405	-	0.000723
2900010J23Rik	MmuINT0003144	chr2	32137331	32143116	-	0.008304
2900010J23Rik	MmuINT0003145	chr2	32136324	32137205	-	0.001125
2900010M23Rik	MmuINT0003147	chr17	27262904	27270684	-	0.000206
2900010M23Rik	MmuINT0003149	chr17	27259786	27262091	-	0.002579
2900026A02Rik	MmuINT0003156	chr5	1.14E+08	1.14E+08	-	0.014734
2900026A02Rik	MmuINT0003157	chr5	1.14E+08	1.14E+08	-	0.027962
2900026A02Rik	MmuINT0003158	chr5	1.14E+08	1.14E+08	-	0.011341
2900026A02Rik	MmuINT0003159	chr5	1.14E+08	1.14E+08	-	0.017682
2900026A02Rik	MmuINT0003160	chr5	1.14E+08	1.14E+08	-	0.01321
2900026A02Rik	MmuINT0003161	chr5	1.14E+08	1.14E+08	-	0.013506
2900053A13Rik	MmuINT0003166	chr8	3621612	3622341	+	0.062763
2900053A13Rik	MmuINT0003167	chr8	3622429	3622592	+	0.009218
2900053A13Rik	MmuINT0003168	chr8	3622626	3623223	+	0.007415

2900064A13Rik	MmuINT0003169	chr2	1.12E+08	1.12E+08	+	0.002131
2900064A13Rik	MmuINT0003170	chr2	1.12E+08	1.12E+08	+	0.006123
2900064A13Rik	MmuINT0003171	chr2	1.12E+08	1.12E+08	+	0.004638
2900064A13Rik	MmuINT0003172	chr2	1.12E+08	1.12E+08	+	0.002886
2900073G15Rik	MmuINT0003173	chr17	71346236	71351447	-	0.003431
2900073G15Rik	MmuINT0003174	chr17	71345612	71346036	-	0.001001
2900092E17Rik	MmuINT0003186	chr7	1.34E+08	1.34E+08	-	0.024316
2900092E17Rik	MmuINT0003187	chr7	1.34E+08	1.34E+08	-	0.00317
3010026O09Rik	MmuINT0003188	chr11	49988454	49990328	+	0.052656
3010026O09Rik	MmuINT0003189	chr11	49990389	49995993	+	0.065759
3010026O09Rik	MmuINT0003190	chr11	49996083	50007709	+	0.057501
3010026O09Rik	MmuINT0003191	chr11	50007786	50010445	+	0.164513
3010026O09Rik	MmuINT0003192	chr11	50010595	50011120	+	0.080379
3010026O09Rik	MmuINT0003193	chr11	50011206	50013037	+	0.20576
3110001D03Rik	MmuINT0003194	chr4	74923674	74923884	-	0.004687
3110002H16Rik	MmuINT0003196	chr18	12327412	12327741	+	0.009374
3110002H16Rik	MmuINT0003197	chr18	12340205	12342487	+	0.009778
3110002H16Rik	MmuINT0003198	chr18	12342533	12342717	+	0.075782
3110002H16Rik	MmuINT0003199	chr18	12342772	12343400	+	0.019489
3110002H16Rik	MmuINT0003200	chr18	12343530	12344157	+	0.016972
3110002H16Rik	MmuINT0003201	chr18	12344265	12346717	+	0.036497
3110002H16Rik	MmuINT0003202	chr18	12346838	12347068	+	0.025239
3110002H16Rik	MmuINT0003203	chr18	12347147	12347328	+	0.041289
3110002H16Rik	MmuINT0003204	chr18	12347434	12347521	+	0.06397
3110002H16Rik	MmuINT0003205	chr18	12347591	12347668	+	0.062746
3110002H16Rik	MmuINT0003206	chr18	12327819	12330057	+	0.020221
3110002H16Rik	MmuINT0003207	chr18	12330143	12334645	+	0.010135
3110002H16Rik	MmuINT0003208	chr18	12334703	12336696	+	0.010551
3110002H16Rik	MmuINT0003209	chr18	12336784	12337621	+	0.005782
3110002H16Rik	MmuINT0003210	chr18	12337763	12337997	+	0.005003
3110002H16Rik	MmuINT0003211	chr18	12338102	12338993	+	0.017034
3110002H16Rik	MmuINT0003212	chr18	12339084	12339174	+	0.03287
3110002H16Rik	MmuINT0003213	chr18	12339281	12340092	+	0.078994
3110040N11Rik	MmuINT0003232	chr7	88933463	88934240	-	0.489141
3110040N11Rik	MmuINT0003233	chr7	88931091	88933335	-	0.010204
3110040N11Rik	MmuINT0003234	chr7	88928025	88930962	-	0.005094
3110040N11Rik	MmuINT0003235	chr7	88927468	88927916	-	0.063615
3110043O21Rik	MmuINT0003236	chr4	35166166	35173036	-	0.045938
3110043O21Rik	MmuINT0003237	chr4	35140318	35140433	-	0.03465
3110043O21Rik	MmuINT0003238	chr4	35164522	35165662	-	0.010024
3110043O21Rik	MmuINT0003239	chr4	35160894	35164461	-	0.02151
3110043O21Rik	MmuINT0003240	chr4	35160323	35160797	-	0.024765
3110043O21Rik	MmuINT0003241	chr4	35158614	35160257	-	0.01854
3110043O21Rik	MmuINT0003242	chr4	35153134	35158540	-	0.012567
3110043O21Rik	MmuINT0003243	chr4	35144458	35153016	-	0.020606
3110043O21Rik	MmuINT0003244	chr4	35141444	35144221	-	0.090533
3110043O21Rik	MmuINT0003245	chr4	35140544	35141385	-	0.02487
3110052M02Rik	MmuINT0003263	chr17	21793300	21794485	+	0.965942
3110052M02Rik	MmuINT0003264	chr17	21794579	21795879	+	0.120166
3110056O03Rik	MmuINT0003267	chr10	80328130	80328199	+	0.062515

3110056O03Rik	MmuINT0003268	chr10	80328263	80328352	+	0.019553
3110056O03Rik	MmuINT0003269	chr10	80328453	80328796	+	0.064511
3110056O03Rik	MmuINT0003270	chr10	80328875	80329244	+	0.020529
3110056O03Rik	MmuINT0003271	chr10	80329406	80330144	+	0.270262
3110056O03Rik	MmuINT0003272	chr10	80324211	80324924	+	0.010671
3110056O03Rik	MmuINT0003273	chr10	80325108	80325443	+	0.103185
3110056O03Rik	MmuINT0003274	chr10	80325534	80325699	+	0.030283
3110056O03Rik	MmuINT0003276	chr10	80326065	80326199	+	0.061958
3110056O03Rik	MmuINT0003277	chr10	80326297	80326782	+	0.023002
3110056O03Rik	MmuINT0003278	chr10	80326900	80327865	+	0.024624
3110056O03Rik	MmuINT0003279	chr10	80327948	80328054	+	0.055195
3110057O12Rik	MmuINT0003280	chr3	40698366	40708807	+	0.005197
3110057O12Rik	MmuINT0003281	chr3	40734905	40737445	+	0.013834
3110057O12Rik	MmuINT0003282	chr3	40737825	40738788	+	0.00799
3110057O12Rik	MmuINT0003283	chr3	40738952	40739263	+	0.009391
3110057O12Rik	MmuINT0003284	chr3	40708916	40709793	+	0.004961
3110057O12Rik	MmuINT0003291	chr3	40734149	40734802	+	0.014248
3110062M04Rik	MmuINT0003292	chr6	34826772	34827574	-	0.472223
3110082I17Rik	MmuINT0003299	chr5	1.4E+08	1.4E+08	-	0.062421
3110082I17Rik	MmuINT0003300	chr5	1.4E+08	1.4E+08	-	0.047085
3110082I17Rik	MmuINT0003301	chr5	1.4E+08	1.4E+08	-	0.041851
3110082I17Rik	MmuINT0003302	chr5	1.4E+08	1.4E+08	-	0.103963
3200002M19Rik	MmuINT0003305	chr7	1.09E+08	1.09E+08	+	0.134917
3425401B19Rik	MmuINT0003315	chr14	33481637	33498188	-	0.006359
3425401B19Rik	MmuINT0003316	chr14	33481126	33481542	-	0.003395
3425401B19Rik	MmuINT0003317	chr14	33477365	33481002	-	0.00492
3632451O06Rik	MmuINT0003320	chr14	50388276	50390053	-	0.012586
3632451O06Rik	MmuINT0003322	chr14	50308974	50371093	-	0.023077
3632451O06Rik	MmuINT0003323	chr14	50302422	50308941	-	0.011459
3632451O06Rik	MmuINT0003324	chr14	50302092	50302286	-	0.012604
3830406C13Rik	MmuINT0003332	chr14	13116772	13117898	+	0.065706
4430402I18Rik	MmuINT0003358	chr19	29038164	29038310	-	0.633105
4430402I18Rik	MmuINT0003359	chr19	29003123	29012721	-	0.016521
4430402I18Rik	MmuINT0003360	chr19	29002241	29003037	-	0.011656
4430402I18Rik	MmuINT0003361	chr19	28998193	29002138	-	0.011257
4430402I18Rik	MmuINT0003362	chr19	29034219	29038025	-	0.020555
4430402I18Rik	MmuINT0003363	chr19	29028622	29034169	-	0.063466
4430402I18Rik	MmuINT0003364	chr19	29023234	29028579	-	0.0238
4430402I18Rik	MmuINT0003365	chr19	29020322	29023108	-	0.022274
4430402I18Rik	MmuINT0003366	chr19	29018945	29020240	-	0.013552
4430402I18Rik	MmuINT0003367	chr19	29016305	29018713	-	0.013106
4430402I18Rik	MmuINT0003368	chr19	29013660	29016201	-	0.0195
4430402I18Rik	MmuINT0003369	chr19	29012910	29013624	-	0.017304
4632411B12Rik	MmuINT0003383	chr1	36424880	36425949	-	0.249655
4632411B12Rik	MmuINT0003384	chr1	36408636	36408770	-	0.007925
4632411B12Rik	MmuINT0003385	chr1	36406311	36408477	-	0.006424
4632411B12Rik	MmuINT0003386	chr1	36405864	36406246	-	0.007274
4632411B12Rik	MmuINT0003387	chr1	36405527	36405662	-	0.004263
4632411B12Rik	MmuINT0003388	chr1	36402875	36405369	-	0.107415
4632411B12Rik	MmuINT0003389	chr1	36402312	36402682	-	0.005368

4632411B12Rik	MmuINT0003390	chr1	36401892	36402229	-	0.006356
4632411B12Rik	MmuINT0003391	chr1	36401025	36401760	-	0.008313
4632411B12Rik	MmuINT0003392	chr1	36400741	36400914	-	0.006119
4632411B12Rik	MmuINT0003393	chr1	36400230	36400517	-	0.004417
4632411B12Rik	MmuINT0003394	chr1	36422498	36424613	-	0.080751
4632411B12Rik	MmuINT0003395	chr1	36394497	36400095	-	0.031625
4632411B12Rik	MmuINT0003396	chr1	36415306	36422326	-	0.005994
4632411B12Rik	MmuINT0003397	chr1	36415071	36415214	-	0.007797
4632411B12Rik	MmuINT0003398	chr1	36411626	36414884	-	0.007932
4632411B12Rik	MmuINT0003399	chr1	36411060	36411493	-	0.00769
4632411B12Rik	MmuINT0003400	chr1	36410719	36410942	-	0.005896
4632411B12Rik	MmuINT0003401	chr1	36410511	36410616	-	0.010342
4632411B12Rik	MmuINT0003402	chr1	36408846	36410438	-	0.016439
4632415K11Rik	MmuINT0003403	chr8	1.22E+08	1.22E+08	-	0.060219
4632415K11Rik	MmuINT0003404	chr8	1.22E+08	1.22E+08	-	0.011665
4632415K11Rik	MmuINT0003405	chr8	1.22E+08	1.22E+08	-	0.022975
4632415K11Rik	MmuINT0003406	chr8	1.22E+08	1.22E+08	-	0.029427
4632415K11Rik	MmuINT0003407	chr8	1.22E+08	1.22E+08	-	0.01367
4632415K11Rik	MmuINT0003408	chr8	1.22E+08	1.22E+08	-	0.022447
4632415K11Rik	MmuINT0003409	chr8	1.22E+08	1.22E+08	-	0.016291
4632428C04Rik	MmuINT0003411	chr16	30008817	30016642	+	0.116683
4632428C04Rik	MmuINT0003412	chr16	30016730	30019239	+	0.386901
4632428N05Rik	MmuINT0003413	chr10	59809852	59820589	+	0.021034
4632428N05Rik	MmuINT0003414	chr10	59821016	59821691	+	0.030949
4632428N05Rik	MmuINT0003415	chr10	59821743	59826948	+	0.072773
4632428N05Rik	MmuINT0003416	chr10	59827057	59830513	+	0.050097
4632428N05Rik	MmuINT0003417	chr10	59831474	59831649	+	0.020357
4732415M23Rik	MmuINT0003425	chr8	1.26E+08	1.26E+08	+	0.286946
4732415M23Rik	MmuINT0003426	chr8	1.26E+08	1.26E+08	+	0.203828
4732418C07Rik	MmuINT0003427	chr4	1.15E+08	1.15E+08	+	0.009161
4732418C07Rik	MmuINT0003428	chr4	1.15E+08	1.15E+08	+	0.008823
4732418C07Rik	MmuINT0003429	chr4	1.15E+08	1.15E+08	+	0.94055
4732418C07Rik	MmuINT0003430	chr4	1.15E+08	1.15E+08	+	0.008747
4732418C07Rik	MmuINT0003431	chr4	1.15E+08	1.15E+08	+	0.007398
4732418C07Rik	MmuINT0003432	chr4	1.15E+08	1.15E+08	+	0.018518
4732418C07Rik	MmuINT0003433	chr4	1.15E+08	1.15E+08	+	0.01315
4732418C07Rik	MmuINT0003434	chr4	1.15E+08	1.15E+08	+	0.009171
4732418C07Rik	MmuINT0003435	chr4	1.15E+08	1.15E+08	+	0.009256
4732418C07Rik	MmuINT0003436	chr4	1.15E+08	1.15E+08	+	0.009654
4732418C07Rik	MmuINT0003437	chr4	1.15E+08	1.15E+08	+	0.007055
4732471J01Rik	MmuINT0003458	chr7	26316177	26316309	+	0.979094
4831426I19Rik	MmuINT0003466	chr12	1.06E+08	1.06E+08	-	0.067511
4831426I19Rik	MmuINT0003467	chr12	1.06E+08	1.06E+08	-	0.048572
4831426I19Rik	MmuINT0003468	chr12	1.06E+08	1.06E+08	-	0.047734
4831426I19Rik	MmuINT0003469	chr12	1.06E+08	1.06E+08	-	0.044836
4831426I19Rik	MmuINT0003470	chr12	1.06E+08	1.06E+08	-	0.04288
4831426I19Rik	MmuINT0003473	chr12	1.06E+08	1.06E+08	-	0.060889
4831426I19Rik	MmuINT0003474	chr12	1.06E+08	1.06E+08	-	0.063872
4831426I19Rik	MmuINT0003475	chr12	1.06E+08	1.06E+08	-	0.053251
4831426I19Rik	MmuINT0003477	chr12	1.06E+08	1.06E+08	-	0.059758

4831426I19Rik	MmuINT0003478	chr12	1.06E+08	1.06E+08	-	0.049241
4831426I19Rik	MmuINT0003479	chr12	1.06E+08	1.06E+08	-	0.055935
4833420G17Rik	MmuINT0003518	chr13	1.2E+08	1.2E+08	+	0.046757
4833420G17Rik	MmuINT0003519	chr13	1.2E+08	1.2E+08	+	0.044495
4833420G17Rik	MmuINT0003520	chr13	1.2E+08	1.2E+08	+	0.046123
4833420G17Rik	MmuINT0003521	chr13	1.2E+08	1.2E+08	+	0.054
4833420G17Rik	MmuINT0003522	chr13	1.2E+08	1.2E+08	+	0.06383
4833420G17Rik	MmuINT0003523	chr13	1.2E+08	1.2E+08	+	0.124572
4833420G17Rik	MmuINT0003524	chr13	1.2E+08	1.2E+08	+	0.548198
4833420G17Rik	MmuINT0003525	chr13	1.2E+08	1.2E+08	+	0.137585
4833420G17Rik	MmuINT0003526	chr13	1.2E+08	1.2E+08	+	0.281332
4833420G17Rik	MmuINT0003527	chr13	1.2E+08	1.2E+08	+	0.198077
4833420G17Rik	MmuINT0003528	chr13	1.2E+08	1.2E+08	+	0.063679
4833439L19Rik	MmuINT0003554	chr13	54665983	54666542	-	0.007695
4833439L19Rik	MmuINT0003555	chr13	54665634	54665875	-	0.033721
4833439L19Rik	MmuINT0003560	chr13	54654399	54654558	-	0.000451
4833442J19Rik	MmuINT0003562	chr6	1.49E+08	1.49E+08	+	0.635155
4833442J19Rik	MmuINT0003563	chr6	1.49E+08	1.49E+08	+	0.152504
4833442J19Rik	MmuINT0003564	chr6	1.49E+08	1.49E+08	+	0.072563
4921513D23Rik	MmuINT0003599	chr16	14154125	14159236	-	0.038917
4921513D23Rik	MmuINT0003600	chr16	14140466	14141735	-	0.214948
4921513D23Rik	MmuINT0003601	chr16	14138615	14140275	-	0.094072
4921513D23Rik	MmuINT0003602	chr16	14137112	14138435	-	0.020624
4921513D23Rik	MmuINT0003603	chr16	14132900	14137030	-	0.030547
4921513D23Rik	MmuINT0003604	chr16	14132573	14132662	-	0.013933
4921513D23Rik	MmuINT0003605	chr16	14131716	14132452	-	0.019841
4921513D23Rik	MmuINT0003607	chr16	14128987	14129738	-	0.017988
4921513D23Rik	MmuINT0003608	chr16	14128738	14128843	-	0.016998
4921513D23Rik	MmuINT0003609	chr16	14127352	14128603	-	0.01176
4921513D23Rik	MmuINT0003610	chr16	14152806	14153924	-	0.017891
4921513D23Rik	MmuINT0003611	chr16	14126263	14127148	-	0.007818
4921513D23Rik	MmuINT0003612	chr16	14120548	14126034	-	0.00997
4921513D23Rik	MmuINT0003613	chr16	14117589	14120316	-	0.035091
4921513D23Rik	MmuINT0003614	chr16	14116144	14117375	-	0.02315
4921513D23Rik	MmuINT0003615	chr16	14115935	14116082	-	0.022175
4921513D23Rik	MmuINT0003616	chr16	14114447	14115817	-	0.01659
4921513D23Rik	MmuINT0003617	chr16	14111865	14114275	-	0.016481
4921513D23Rik	MmuINT0003618	chr16	14151410	14152118	-	0.046503
4921513D23Rik	MmuINT0003619	chr16	14149336	14151234	-	0.018343
4921513D23Rik	MmuINT0003620	chr16	14146935	14149108	-	0.01717
4921513D23Rik	MmuINT0003621	chr16	14146183	14146816	-	0.02559
4921513D23Rik	MmuINT0003622	chr16	14142751	14146009	-	0.013191
4921513D23Rik	MmuINT0003623	chr16	14142139	14142324	-	0.012155
4921513D23Rik	MmuINT0003624	chr16	14141895	14141980	-	0.016052
4921517L17Rik	MmuINT0003637	chr2	1.56E+08	1.56E+08	+	0.524102
4921531C22Rik	MmuINT0003730	chr2	1.8E+08	1.8E+08	+	0.087646
4922501C03Rik	MmuINT0003757	chr9	87096675	87098475	-	0.09307
4922501C03Rik	MmuINT0003758	chr9	87094915	87096532	-	0.07066
4922501C03Rik	MmuINT0003760	chr9	87087758	87088407	-	0.053547
4930402H24Rik	MmuINT0003823	chr2	1.31E+08	1.31E+08	-	0.019146

4930402H24Rik	MmuINT0003824	chr2	1.31E+08	1.31E+08	-	0.008504
4930402H24Rik	MmuINT0003825	chr2	1.31E+08	1.31E+08	-	0.013358
4930402H24Rik	MmuINT0003826	chr2	1.31E+08	1.31E+08	-	0.025146
4930402H24Rik	MmuINT0003827	chr2	1.31E+08	1.31E+08	-	0.011173
4930402H24Rik	MmuINT0003828	chr2	1.31E+08	1.31E+08	-	0.013659
4930402H24Rik	MmuINT0003829	chr2	1.31E+08	1.31E+08	-	0.015271
4930402H24Rik	MmuINT0003830	chr2	1.31E+08	1.31E+08	-	0.01255
4930402H24Rik	MmuINT0003831	chr2	1.31E+08	1.31E+08	-	0.010693
4930402H24Rik	MmuINT0003833	chr2	1.31E+08	1.31E+08	-	0.015874
4930402H24Rik	MmuINT0003834	chr2	1.31E+08	1.31E+08	-	0.006661
4930402H24Rik	MmuINT0003835	chr2	1.31E+08	1.31E+08	-	0.010017
4930402H24Rik	MmuINT0003836	chr2	1.31E+08	1.31E+08	-	0.012128
4930402H24Rik	MmuINT0003837	chr2	1.31E+08	1.31E+08	-	0.005628
4930402H24Rik	MmuINT0003838	chr2	1.31E+08	1.31E+08	-	0.010221
4930402H24Rik	MmuINT0003839	chr2	1.31E+08	1.31E+08	-	0.017113
4930402H24Rik	MmuINT0003840	chr2	1.31E+08	1.31E+08	-	0.012335
4930402H24Rik	MmuINT0003841	chr2	1.31E+08	1.31E+08	-	0.010612
4930402H24Rik	MmuINT0003842	chr2	1.31E+08	1.31E+08	-	0.007225
4930402H24Rik	MmuINT0003843	chr2	1.31E+08	1.31E+08	-	0.007062
4930402H24Rik	MmuINT0003844	chr2	1.31E+08	1.31E+08	-	0.0175
4930402H24Rik	MmuINT0003845	chr2	1.31E+08	1.31E+08	-	0.011464
4930402H24Rik	MmuINT0003846	chr2	1.31E+08	1.31E+08	-	0.020264
4930402H24Rik	MmuINT0003847	chr2	1.31E+08	1.31E+08	-	0.107523
4930402H24Rik	MmuINT0003848	chr2	1.31E+08	1.31E+08	-	0.113194
4930402H24Rik	MmuINT0003849	chr2	1.31E+08	1.31E+08	-	0.025309
4930402H24Rik	MmuINT0003850	chr2	1.31E+08	1.31E+08	-	0.067678
4930402H24Rik	MmuINT0003851	chr2	1.31E+08	1.31E+08	-	0.034027
4930402H24Rik	MmuINT0003852	chr2	1.31E+08	1.31E+08	-	0.014043
4930402H24Rik	MmuINT0003853	chr2	1.31E+08	1.31E+08	-	0.007634
4930402H24Rik	MmuINT0003854	chr2	1.31E+08	1.31E+08	-	0.007641
4930402H24Rik	MmuINT0003855	chr2	1.31E+08	1.31E+08	-	0.012286
4930402H24Rik	MmuINT0003856	chr2	1.31E+08	1.31E+08	-	0.061772
4930402H24Rik	MmuINT0003857	chr2	1.31E+08	1.31E+08	-	0.014412
4930402H24Rik	MmuINT0003858	chr2	1.31E+08	1.31E+08	-	0.010606
4930404N11Rik	MmuINT0003897	chr10	80827726	80828448	-	0.987561
4930404N11Rik	MmuINT0003898	chr10	80827413	80827486	-	0.98456
4930404N11Rik	MmuINT0003899	chr10	80826982	80827286	-	0.985354
4930420K17Rik	MmuINT0003931	chr5	9101396	9116479	+	0.036876
4930420K17Rik	MmuINT0003932	chr5	9116531	9117458	+	0.021342
4930420K17Rik	MmuINT0003933	chr5	9117564	9118453	+	0.035496
4930430F08Rik	MmuINT0004001	chr10	1E+08	1E+08	-	0.096134
4930430F08Rik	MmuINT0004002	chr10	1E+08	1E+08	-	0.035168
4930430F08Rik	MmuINT0004003	chr10	1E+08	1E+08	-	0.168615
4930444A02Rik	MmuINT0004071	chr8	27097005	27097966	-	0.023751
4930444A02Rik	MmuINT0004072	chr8	27094117	27096717	-	0.039652
4930453N24Rik	MmuINT0004120	chr16	64766820	64768749	-	0.005459
4930455C21Rik	MmuINT0004121	chr16	38518617	38522424	-	0.027922
4930455C21Rik	MmuINT0004122	chr16	38510892	38518450	-	0.005247
4930455C21Rik	MmuINT0004123	chr16	38508991	38510802	-	0.003605
4930455C21Rik	MmuINT0004124	chr16	38505575	38508922	-	0.005818

4930455C21Rik	MmuINT0004125	chr16	38502761	38505495	-	0.005734
4930455C21Rik	MmuINT0004126	chr16	38499166	38502649	-	0.00451
4930455F23Rik	MmuINT0004127	chr1	1.66E+08	1.66E+08	+	0.096746
4930455F23Rik	MmuINT0004128	chr1	1.66E+08	1.66E+08	+	0.021192
4930455F23Rik	MmuINT0004129	chr1	1.66E+08	1.66E+08	+	0.01097
4930455F23Rik	MmuINT0004130	chr1	1.66E+08	1.66E+08	+	0.016087
4930455F23Rik	MmuINT0004131	chr1	1.66E+08	1.66E+08	+	0.020531
4930471M23Rik	MmuINT0004146	chr5	30950472	30957120	+	0.011883
4930471M23Rik	MmuINT0004147	chr5	30957194	30957867	+	0.008474
4930471M23Rik	MmuINT0004148	chr5	30958040	30958260	+	0.026677
4930471M23Rik	MmuINT0004149	chr5	30958474	30959119	+	0.004662
4930471M23Rik	MmuINT0004150	chr5	30959231	30959749	+	0.007007
4930481A15Rik	MmuINT0004182	chr19	5407084	5415606	+	0.239543
4930481A15Rik	MmuINT0004183	chr19	5415813	5417393	+	0.009716
4930486L24Rik	MmuINT0004189	chr13	60955024	60955116	-	0.050093
4930486L24Rik	MmuINT0004190	chr13	60954686	60954876	-	0.065309
4930486L24Rik	MmuINT0004191	chr13	60946604	60954460	-	0.113878
4930486L24Rik	MmuINT0004192	chr13	60945788	60946440	-	0.058974
4930486L24Rik	MmuINT0004193	chr13	60944338	60945669	-	0.152681
4930503L19Rik	MmuINT0004206	chr18	70629432	70631326	-	0.058991
4930503L19Rik	MmuINT0004207	chr18	70628172	70629102	-	0.060827
4930503L19Rik	MmuINT0004208	chr18	70627140	70627412	-	0.770979
4930503L19Rik	MmuINT0004209	chr18	70623719	70626988	-	0.389062
4930503L19Rik	MmuINT0004210	chr18	70618103	70623615	-	0.141096
4930503L19Rik	MmuINT0004211	chr18	70616199	70617970	-	0.191232
4930506M07Rik	MmuINT0004223	chr19	59078440	59084254	-	0.060739
4930506M07Rik	MmuINT0004226	chr19	59064872	59069507	-	0.062224
4930506M07Rik	MmuINT0004235	chr19	59093449	59096665	-	0.05309
4930523C07Rik	MmuINT0004283	chr1	1.62E+08	1.62E+08	+	0.030519
4930523C07Rik	MmuINT0004284	chr1	1.62E+08	1.62E+08	+	0.037043
4930534B04Rik	MmuINT0004344	chr12	92257846	92260839	-	0.011226
4930534B04Rik	MmuINT0004345	chr12	92247376	92257731	-	0.013255
4930534B04Rik	MmuINT0004346	chr12	92238100	92247272	-	0.007472
4930572J05Rik	MmuINT0004432	chr15	74552238	74553889	+	0.006823
4930578C19Rik	MmuINT0004433	chrX	18024969	18038149	-	0.120141
4930581F22Rik	MmuINT0004478	chr9	34924426	34924953	+	0.965609
4930581F22Rik	MmuINT0004479	chr9	34925932	34931185	+	0.269133
4931406C07Rik	MmuINT0004530	chr9	15102386	15105810	-	0.018574
4931406C07Rik	MmuINT0004531	chr9	15099204	15102286	-	0.10928
4931406C07Rik	MmuINT0004532	chr9	15098978	15099129	-	0.080029
4931406C07Rik	MmuINT0004533	chr9	15096621	15098875	-	0.026062
4931406C07Rik	MmuINT0004534	chr9	15095261	15096443	-	0.018938
4931406C07Rik	MmuINT0004535	chr9	15091917	15095110	-	0.06255
4931406C07Rik	MmuINT0004536	chr9	15089436	15091799	-	0.050032
4931406P16Rik	MmuINT0004537	chr7	35048770	35069720	-	0.010117
4931406P16Rik	MmuINT0004538	chr7	35025666	35027258	-	0.015516
4931406P16Rik	MmuINT0004539	chr7	35024842	35025527	-	0.027453
4931406P16Rik	MmuINT0004540	chr7	35024257	35024762	-	0.03334
4931406P16Rik	MmuINT0004541	chr7	35043173	35048571	-	0.009445
4931406P16Rik	MmuINT0004542	chr7	35042747	35043031	-	0.048917

4931406P16Rik	MmuINT0004543	chr7	35042528	35042650	-	0.079029
4931406P16Rik	MmuINT0004544	chr7	35041590	35042365	-	0.143632
4931406P16Rik	MmuINT0004545	chr7	35039104	35041430	-	0.01978
4931406P16Rik	MmuINT0004546	chr7	35033252	35039005	-	0.01907
4931406P16Rik	MmuINT0004547	chr7	35030998	35033125	-	0.010951
4931406P16Rik	MmuINT0004548	chr7	35027425	35029984	-	0.010913
4931414P19Rik	MmuINT0004578	chr14	55203544	55203815	-	0.049114
4931428F04Rik	MmuINT0004597	chr8	1.08E+08	1.08E+08	-	0.553673
4932415G12Rik	MmuINT0004672	chr10	94139875	94141075	-	0.051227
4932438A13Rik	MmuINT0004702	chr3	36788825	36789716	+	0.032411
4932438A13Rik	MmuINT0004703	chr3	36789868	36794180	+	0.038978
4932438A13Rik	MmuINT0004704	chr3	36794338	36794727	+	0.038603
4932438A13Rik	MmuINT0004705	chr3	36794807	36805612	+	0.028342
4932438A13Rik	MmuINT0004706	chr3	36805705	36807053	+	0.046321
4932438A13Rik	MmuINT0004707	chr3	36807172	36816539	+	0.049544
4932438A13Rik	MmuINT0004708	chr3	36816696	36817373	+	0.033705
4932438A13Rik	MmuINT0004709	chr3	36817472	36818776	+	0.028357
4932438A13Rik	MmuINT0004710	chr3	36818956	36819101	+	0.029949
4932438A13Rik	MmuINT0004711	chr3	36819209	36820140	+	0.037935
4932438A13Rik	MmuINT0004712	chr3	36763408	36768919	+	0.045557
4932438A13Rik	MmuINT0004713	chr3	36820350	36827356	+	0.025127
4932438A13Rik	MmuINT0004714	chr3	36827585	36829919	+	0.04047
4932438A13Rik	MmuINT0004716	chr3	36836091	36837367	+	0.027187
4932438A13Rik	MmuINT0004717	chr3	36837497	36839674	+	0.030252
4932438A13Rik	MmuINT0004718	chr3	36839795	36841104	+	0.039304
4932438A13Rik	MmuINT0004719	chr3	36841386	36842040	+	0.029552
4932438A13Rik	MmuINT0004720	chr3	36842292	36845169	+	0.067277
4932438A13Rik	MmuINT0004723	chr3	36769047	36773119	+	0.045403
4932438A13Rik	MmuINT0004734	chr3	36773237	36774371	+	0.049349
4932438A13Rik	MmuINT0004736	chr3	36866273	36868067	+	0.040352
4932438A13Rik	MmuINT0004738	chr3	36872373	36873089	+	0.030248
4932438A13Rik	MmuINT0004742	chr3	36886600	36886991	+	0.026423
4932438A13Rik	MmuINT0004743	chr3	36887238	36888716	+	0.025639
4932438A13Rik	MmuINT0004746	chr3	36891650	36893696	+	0.043524
4932438A13Rik	MmuINT0004747	chr3	36893904	36895236	+	0.020198
4932438A13Rik	MmuINT0004748	chr3	36895476	36897111	+	0.022116
4932438A13Rik	MmuINT0004749	chr3	36897357	36898937	+	0.03026
4932438A13Rik	MmuINT0004750	chr3	36899044	36901491	+	0.026414
4932438A13Rik	MmuINT0004751	chr3	36901590	36902670	+	0.031616
4932438A13Rik	MmuINT0004752	chr3	36902857	36903760	+	0.021519
4932438A13Rik	MmuINT0004753	chr3	36903930	36905906	+	0.033642
4932438A13Rik	MmuINT0004754	chr3	36906119	36907315	+	0.020683
4932438A13Rik	MmuINT0004755	chr3	36907515	36909866	+	0.02455
4932438A13Rik	MmuINT0004756	chr3	36776661	36784278	+	0.039092
4932438A13Rik	MmuINT0004757	chr3	36909927	36910489	+	0.052277
4932438A13Rik	MmuINT0004758	chr3	36910717	36911801	+	0.022663
4932438A13Rik	MmuINT0004759	chr3	36911933	36913326	+	0.025259
4932438A13Rik	MmuINT0004760	chr3	36913451	36920368	+	0.01954
4932438A13Rik	MmuINT0004761	chr3	36920479	36921305	+	0.024757
4932438A13Rik	MmuINT0004763	chr3	36925266	36926961	+	0.018364



4932438A13Rik	MmuINT0004764	chr3	36927178	36928822	+	0.021849
4932438A13Rik	MmuINT0004765	chr3	36929004	36929468	+	0.019648
4932438A13Rik	MmuINT0004767	chr3	36784466	36786140	+	0.049464
4932438A13Rik	MmuINT0004768	chr3	36931449	36932183	+	0.022058
4932438A13Rik	MmuINT0004769	chr3	36932324	36933474	+	0.013531
4932438A13Rik	MmuINT0004770	chr3	36933677	36934698	+	0.01247
4932438A13Rik	MmuINT0004771	chr3	36934900	36935578	+	0.017745
4932438A13Rik	MmuINT0004772	chr3	36935759	36937446	+	0.060492
4932438A13Rik	MmuINT0004773	chr3	36937585	36938201	+	0.019671
4932438A13Rik	MmuINT0004774	chr3	36938460	36939242	+	0.015748
4932438A13Rik	MmuINT0004775	chr3	36939394	36939923	+	0.019014
4932438A13Rik	MmuINT0004776	chr3	36940082	36940209	+	0.0169
4932438A13Rik	MmuINT0004777	chr3	36940403	36940625	+	0.00821
4932438A13Rik	MmuINT0004778	chr3	36786223	36786596	+	0.054395
4932438A13Rik	MmuINT0004779	chr3	36940844	36943502	+	0.011703
4932438A13Rik	MmuINT0004780	chr3	36943755	36945155	+	0.011443
4932438A13Rik	MmuINT0004781	chr3	36945360	36946887	+	0.015199
4932438A13Rik	MmuINT0004782	chr3	36947083	36947435	+	0.015643
4932438A13Rik	MmuINT0004783	chr3	36947571	36949684	+	0.011348
4932438A13Rik	MmuINT0004784	chr3	36949851	36951245	+	0.014662
4932438A13Rik	MmuINT0004785	chr3	36786791	36788744	+	0.047404
4933403F05Rik	MmuINT0004821	chr18	68435929	68459727	-	0.002601
4933403F05Rik	MmuINT0004822	chr18	68432329	68435415	-	0.002784
4933403F05Rik	MmuINT0004823	chr18	68428607	68432216	-	0.003208
4933407C03Rik	MmuINT0004870	chr8	1.2E+08	1.2E+08	+	0.022496
4933407C03Rik	MmuINT0004871	chr8	1.2E+08	1.2E+08	+	0.071085
4933407C03Rik	MmuINT0004872	chr8	1.2E+08	1.2E+08	+	0.031063
4933407C03Rik	MmuINT0004873	chr8	1.2E+08	1.2E+08	+	0.022512
4933407C03Rik	MmuINT0004874	chr8	1.2E+08	1.2E+08	+	0.029122
4933407C03Rik	MmuINT0004875	chr8	1.2E+08	1.2E+08	+	0.022071
4933407C03Rik	MmuINT0004876	chr8	1.2E+08	1.2E+08	+	0.029288
4933407C03Rik	MmuINT0004877	chr8	1.2E+08	1.2E+08	+	0.04346
4933407C03Rik	MmuINT0004878	chr8	1.2E+08	1.2E+08	+	0.056456
4933407C03Rik	MmuINT0004879	chr8	1.2E+08	1.2E+08	+	0.115473
4933407C03Rik	MmuINT0004880	chr8	1.2E+08	1.2E+08	+	0.048537
4933407C03Rik	MmuINT0004881	chr8	1.2E+08	1.2E+08	+	0.078433
4933407C03Rik	MmuINT0004882	chr8	1.2E+08	1.2E+08	+	0.184107
4933407C03Rik	MmuINT0004883	chr8	1.2E+08	1.2E+08	+	0.032538
4933407C03Rik	MmuINT0004884	chr8	1.2E+08	1.2E+08	+	0.050886
4933407C03Rik	MmuINT0004885	chr8	1.2E+08	1.2E+08	+	0.073048
4933407C03Rik	MmuINT0004886	chr8	1.2E+08	1.2E+08	+	0.036646
4933407C03Rik	MmuINT0004887	chr8	1.2E+08	1.2E+08	+	0.032103
4933407C03Rik	MmuINT0004888	chr8	1.2E+08	1.2E+08	+	0.025538
4933407H18Rik	MmuINT0004889	chr5	33721652	33721874	+	0.732158
4933407H18Rik	MmuINT0004891	chr5	33753692	33754209	+	0.048018
4933407H18Rik	MmuINT0004893	chr5	33756723	33757446	+	0.071784
4933407H18Rik	MmuINT0004894	chr5	33721975	33730304	+	0.414561
4933407H18Rik	MmuINT0004895	chr5	33730636	33731364	+	0.040971
4933407H18Rik	MmuINT0004896	chr5	33731486	33732290	+	0.04292
4933407H18Rik	MmuINT0004897	chr5	33732687	33734392	+	0.058807

4933407H18Rik	MmuINT0004899	chr5	33734834	33745142	+	0.065068
4933407H18Rik	MmuINT0004900	chr5	33745249	33751457	+	0.085328
4933407H18Rik	MmuINT0004901	chr5	33751630	33752075	+	0.19902
4933411K20Rik	MmuINT0004942	chr8	47256007	47267071	+	0.015009
4933411K20Rik	MmuINT0004943	chr8	47267341	47276933	+	0.027615
4933411K20Rik	MmuINT0004944	chr8	47277085	47277938	+	0.018322
4933421E11Rik	MmuINT0004953	chr3	1.07E+08	1.07E+08	+	0.087987
4933421E11Rik	MmuINT0004954	chr3	1.07E+08	1.07E+08	+	0.028052
4933421O10Rik	MmuINT0004958	chr4	33117497	33117831	-	0.235835
4933424B01Rik	MmuINT0004966	chr6	1.47E+08	1.47E+08	-	0.024621
4933424B01Rik	MmuINT0004967	chr6	1.47E+08	1.47E+08	-	0.013484
4933424B01Rik	MmuINT0004968	chr6	1.47E+08	1.47E+08	-	0.078988
4933424B01Rik	MmuINT0004969	chr6	1.47E+08	1.47E+08	-	0.043581
4933424B01Rik	MmuINT0004970	chr6	1.47E+08	1.47E+08	-	0.008719
4933424B01Rik	MmuINT0004971	chr6	1.47E+08	1.47E+08	-	0.007669
4933424B01Rik	MmuINT0004972	chr6	1.46E+08	1.47E+08	-	0.057373
4933424B01Rik	MmuINT0004973	chr6	1.46E+08	1.46E+08	-	0.384774
4933424B01Rik	MmuINT0004974	chr6	1.46E+08	1.46E+08	-	0.22777
4933424B01Rik	MmuINT0004975	chr6	1.47E+08	1.47E+08	-	0.01348
4933424B01Rik	MmuINT0004976	chr6	1.47E+08	1.47E+08	-	0.011271
4933424B01Rik	MmuINT0004978	chr6	1.47E+08	1.47E+08	-	0.017927
4933424B01Rik	MmuINT0004979	chr6	1.47E+08	1.47E+08	-	0.058645
4933424B01Rik	MmuINT0004980	chr6	1.47E+08	1.47E+08	-	0.085735
4933424B01Rik	MmuINT0004981	chr6	1.47E+08	1.47E+08	-	0.133718
4933424B01Rik	MmuINT0004982	chr6	1.47E+08	1.47E+08	-	0.012772
4933426M11Rik	MmuINT0004991	chr12	81891803	81929012	+	0.008601
4933426M11Rik	MmuINT0004992	chr12	81929231	81969413	+	0.004417
4933426M11Rik	MmuINT0004993	chr12	81969612	81971061	+	0.007787
4933426M11Rik	MmuINT0004994	chr12	81971198	81975135	+	0.002755
4933426M11Rik	MmuINT0004995	chr12	81975564	81978082	+	0.003625
4933427D14Rik	MmuINT0005005	chr11	71979101	71980139	-	0.137253
4933427D14Rik	MmuINT0005007	chr11	71972519	71972901	-	0.070407
4933427D14Rik	MmuINT0005008	chr11	71968941	71972293	-	0.127311
4933427D14Rik	MmuINT0005009	chr11	72012466	72015913	-	0.061528
4933433P14Rik	MmuINT0005075	chr12	1.07E+08	1.07E+08	+	0.020945
4933433P14Rik	MmuINT0005076	chr12	1.07E+08	1.07E+08	+	0.067518
4933434E20Rik	MmuINT0005080	chr3	89860505	89862406	+	0.000193
4933436C20Rik	MmuINT0005093	chr8	94870363	94870682	-	0.177005
4933439C10Rik	MmuINT0005105	chr11	59320389	59320692	+	0.049797
4933439C10Rik	MmuINT0005106	chr11	59320815	59321332	+	0.108974
4933439C10Rik	MmuINT0005107	chr11	59321441	59323155	+	0.882556
4933439C10Rik	MmuINT0005108	chr11	59323253	59324221	+	0.150495
4933439F18Rik	MmuINT0005109	chr11	60231347	60238275	+	0.0081
4933439F18Rik	MmuINT0005110	chr11	60238336	60245834	+	0.004626
4933439F18Rik	MmuINT0005111	chr11	60245943	60249849	+	0.004394
4933439F18Rik	MmuINT0005112	chr11	60249952	60251944	+	0.004767
4933439F18Rik	MmuINT0005113	chr11	60252076	60255480	+	0.004002
5031434O11Rik	MmuINT0005136	chr3	51368634	51370759	+	0.363159
5031439G07Rik	MmuINT0005137	chr15	84791052	84818038	-	0.016355
5031439G07Rik	MmuINT0005138	chr15	84786359	84790899	-	0.008584

5031439G07Rik	MmuINT0005139	chr15	84786154	84786235	-	0.009787
5031439G07Rik	MmuINT0005140	chr15	84785922	84786075	-	0.010396
5031439G07Rik	MmuINT0005141	chr15	84784473	84785819	-	0.008869
5031439G07Rik	MmuINT0005142	chr15	84783752	84784331	-	0.012263
5031439G07Rik	MmuINT0005143	chr15	84781205	84783559	-	0.027172
5031439G07Rik	MmuINT0005144	chr15	84780140	84781041	-	0.010241
5031439G07Rik	MmuINT0005145	chr15	84779709	84779980	-	0.010472
5033414D02Rik	MmuINT0005161	chr19	29435418	29436286	-	0.137739
5033414D02Rik	MmuINT0005162	chr19	29432894	29435306	-	0.011056
5033414D02Rik	MmuINT0005163	chr19	29425665	29432806	-	0.030818
5033414D02Rik	MmuINT0005164	chr19	29424960	29425533	-	0.025477
5033414D02Rik	MmuINT0005165	chr19	29423496	29424849	-	0.029101
5133401N09Rik	MmuINT0005166	chr13	58259098	58261237	+	0.017048
5133401N09Rik	MmuINT0005167	chr13	58261269	58261512	+	0.013815
5133401N09Rik	MmuINT0005168	chr13	58261600	58264793	+	0.096877
5330426P16Rik	MmuINT0005193	chr16	50728323	50732530	-	0.137051
5430407P10Rik	MmuINT0005221	chr2	6024112	6034938	-	0.016546
5430407P10Rik	MmuINT0005222	chr2	6022407	6023858	-	0.017565
5430411K18Rik	MmuINT0005239	chr18	78185127	78188084	+	0.06561
5430411K18Rik	MmuINT0005250	chr18	78214464	78215953	+	0.052799
5430411K18Rik	MmuINT0005252	chr18	78217653	78219389	+	0.047834
5430411K18Rik	MmuINT0005253	chr18	78219576	78220015	+	0.039752
5430411K18Rik	MmuINT0005257	chr18	78224239	78225501	+	0.060576
5430411K18Rik	MmuINT0005258	chr18	78225719	78226707	+	0.048076
5430411K18Rik	MmuINT0005259	chr18	78226924	78227079	+	0.027796
5430411K18Rik	MmuINT0005260	chr18	78227195	78229663	+	0.069023
5430416N02Rik	MmuINT0005273	chr5	1.01E+08	1.01E+08	-	0.704901
5430416N02Rik	MmuINT0005275	chr5	1.01E+08	1.01E+08	-	0.548156
5430416O09Rik	MmuINT0005277	chr4	43743037	43743451	+	0.621588
5430435G22Rik	MmuINT0005302	chr1	1.34E+08	1.34E+08	+	0.06022
5430435G22Rik	MmuINT0005304	chr1	1.34E+08	1.34E+08	+	0.051986
5430437P03Rik	MmuINT0005306	chr8	73920920	73921577	+	0.002083
5430437P03Rik	MmuINT0005307	chr8	73921925	73922290	+	0.02006
5430437P03Rik	MmuINT0005308	chr8	73922350	73923424	+	0.025366
5430437P03Rik	MmuINT0005309	chr8	73923546	73923627	+	0.007049
5430437P03Rik	MmuINT0005310	chr8	73923707	73925578	+	0.026886
5430437P03Rik	MmuINT0005311	chr8	73925604	73926644	+	0.060738
5430437P03Rik	MmuINT0005312	chr8	73926775	73926874	+	0.00483
5430437P03Rik	MmuINT0005313	chr8	73926962	73928093	+	0.006101
5530601H04Rik	MmuINT0005317	chrX	1.02E+08	1.02E+08	-	0.160876
5730403B10Rik	MmuINT0005320	chr16	4770736	4789830	-	0.013833
5730403B10Rik	MmuINT0005321	chr16	4770152	4770670	-	0.008559
5730403B10Rik	MmuINT0005322	chr16	4769796	4770042	-	0.005582
5730403B10Rik	MmuINT0005323	chr16	4769019	4769639	-	0.046796
5730403B10Rik	MmuINT0005324	chr16	4768650	4768744	-	0.010963
5730419I09Rik	MmuINT0005333	chr6	1.43E+08	1.43E+08	-	0.024371
5730419I09Rik	MmuINT0005335	chr6	1.43E+08	1.43E+08	-	0.028097
5730419I09Rik	MmuINT0005336	chr6	1.43E+08	1.43E+08	-	0.016397
5730419I09Rik	MmuINT0005337	chr6	1.43E+08	1.43E+08	-	0.023827
5730419I09Rik	MmuINT0005338	chr6	1.43E+08	1.43E+08	-	0.016581

5730419I09Rik	MmuINT0005339	chr6	1.43E+08	1.43E+08	-	0.028256
5730419I09Rik	MmuINT0005341	chr6	1.43E+08	1.43E+08	-	0.025387
5730419I09Rik	MmuINT0005342	chr6	1.43E+08	1.43E+08	-	0.022894
5730419I09Rik	MmuINT0005344	chr6	1.43E+08	1.43E+08	-	0.031891
5730419I09Rik	MmuINT0005345	chr6	1.43E+08	1.43E+08	-	0.018239
5730419I09Rik	MmuINT0005346	chr6	1.43E+08	1.43E+08	-	0.030081
5730419I09Rik	MmuINT0005348	chr6	1.43E+08	1.43E+08	-	0.050271
5730419I09Rik	MmuINT0005349	chr6	1.43E+08	1.43E+08	-	0.028719
5730419I09Rik	MmuINT0005352	chr6	1.43E+08	1.43E+08	-	0.027555
5730419I09Rik	MmuINT0005353	chr6	1.43E+08	1.43E+08	-	0.022629
5730419I09Rik	MmuINT0005356	chr6	1.43E+08	1.43E+08	-	0.026276
5730437N04Rik	MmuINT0005361	chr17	5439633	5440132	-	0.001473
5730437N04Rik	MmuINT0005362	chr17	5433580	5439531	-	0.001222
5730437N04Rik	MmuINT0005363	chr17	5411468	5433441	-	0.00273
5730455O13Rik	MmuINT0005364	chr19	38296404	38298451	-	0.049531
5730455O13Rik	MmuINT0005365	chr19	38274169	38276036	-	0.020484
5730455O13Rik	MmuINT0005366	chr19	38270226	38274049	-	0.023608
5730455O13Rik	MmuINT0005367	chr19	38264398	38270186	-	0.020739
5730455O13Rik	MmuINT0005368	chr19	38263291	38264318	-	0.010292
5730455O13Rik	MmuINT0005369	chr19	38294218	38296326	-	0.019787
5730455O13Rik	MmuINT0005370	chr19	38293994	38294121	-	0.014873
5730455O13Rik	MmuINT0005371	chr19	38290398	38293947	-	0.012171
5730455O13Rik	MmuINT0005373	chr19	38287936	38288863	-	0.015367
5730455O13Rik	MmuINT0005375	chr19	38279300	38281752	-	0.013375
5730455O13Rik	MmuINT0005376	chr19	38276080	38279185	-	0.033957
5730455P16Rik	MmuINT0005378	chr11	80189135	80190304	-	0.011028
5730455P16Rik	MmuINT0005379	chr11	80187720	80189008	-	0.006573
5730455P16Rik	MmuINT0005380	chr11	80187200	80187575	-	0.01623
5730455P16Rik	MmuINT0005381	chr11	80183953	80187141	-	0.019113
5730455P16Rik	MmuINT0005382	chr11	80182095	80183832	-	0.007134
5730455P16Rik	MmuINT0005383	chr11	80181701	80182029	-	0.012434
5730455P16Rik	MmuINT0005384	chr11	80178442	80181563	-	0.01328
5730455P16Rik	MmuINT0005385	chr11	80177521	80178337	-	0.02959
5730469M10Rik	MmuINT0005386	chr14	41817493	41826986	-	0.22836
5730469M10Rik	MmuINT0005387	chr14	41815817	41817329	-	0.007944
5730469M10Rik	MmuINT0005388	chr14	41812274	41815724	-	0.004882
5730469M10Rik	MmuINT0005389	chr14	41811167	41812132	-	0.005784
5730469M10Rik	MmuINT0005390	chr14	41807927	41811001	-	0.004094
5730494M16Rik	MmuINT0005393	chr18	25316825	25327027	-	0.02742
5730494M16Rik	MmuINT0005394	chr18	25309789	25316744	-	0.011877
5730494M16Rik	MmuINT0005395	chr18	25307744	25309700	-	0.012415
5730494M16Rik	MmuINT0005396	chr18	25300139	25307614	-	0.027556
5730494M16Rik	MmuINT0005398	chr18	25288405	25298946	-	0.774602
5730494N06Rik	MmuINT0005400	chr2	1.32E+08	1.32E+08	-	0.018431
5730528L13Rik	MmuINT0005413	chr4	48553441	48565251	+	0.062752
5730528L13Rik	MmuINT0005414	chr4	48565703	48573715	+	0.011642
5830415F09Rik	MmuINT0005476	chr4	46400615	46402189	-	0.253241
5830415F09Rik	MmuINT0005477	chr4	46399124	46400439	-	0.095623
5830415F09Rik	MmuINT0005478	chr4	46395558	46398965	-	0.050681
5830415F09Rik	MmuINT0005479	chr4	46393183	46394930	-	0.029535

5830418K08Rik	MmuINT0005512	chr9	15135355	15136379	-	0.03919
5830418K08Rik	MmuINT0005515	chr9	15131192	15132239	-	0.087369
5830418K08Rik	MmuINT0005519	chr9	15128155	15128592	-	0.049559
5830418K08Rik	MmuINT0005520	chr9	15127528	15128012	-	0.056517
5830418K08Rik	MmuINT0005521	chr9	15122501	15126943	-	0.301371
5830418K08Rik	MmuINT0005522	chr9	15122212	15122362	-	0.190966
5830418K08Rik	MmuINT0005523	chr9	15122038	15122117	-	0.180409
5830418K08Rik	MmuINT0005524	chr9	15121558	15121902	-	0.170977
5830433M19Rik	MmuINT0005533	chr4	94218157	94223152	-	0.068462
5830433M19Rik	MmuINT0005534	chr4	94217198	94217955	-	0.120604
5830433M19Rik	MmuINT0005535	chr4	94215886	94217112	-	0.1518
5830433M19Rik	MmuINT0005536	chr4	94187827	94215809	-	0.056775
5830433M19Rik	MmuINT0005537	chr4	94168108	94187752	-	0.049526
5930416I19Rik	MmuINT0005544	chr6	1.28E+08	1.28E+08	-	0.057539
5930434B04Rik	MmuINT0005546	chr2	26865626	26869612	+	0.010168
5930434B04Rik	MmuINT0005547	chr2	26869686	26871003	+	0.010218
5930434B04Rik	MmuINT0005548	chr2	26871130	26873892	+	0.031666
5930434B04Rik	MmuINT0005549	chr2	26874001	26874407	+	0.004755
5930434B04Rik	MmuINT0005550	chr2	26874500	26875540	+	0.955126
6030408B16Rik	MmuINT0005553	chr15	1.01E+08	1.01E+08	+	0.164848
6030419C18Rik	MmuINT0005554	chr9	58337047	58337475	+	0.007225
6030419C18Rik	MmuINT0005555	chr9	58338200	58346771	+	0.013934
6030429G01Rik	MmuINT0005571	chr7	4475615	4475745	-	0.227365
6030429G01Rik	MmuINT0005572	chr7	4475462	4475539	-	0.043947
6030429G01Rik	MmuINT0005580	chr7	4475858	4478015	-	0.93667
6030446N20Rik	MmuINT0005583	chr18	12276960	12279889	-	0.148602
6030458C11Rik	MmuINT0005597	chr15	12753462	12754221	-	0.010386
6030458C11Rik	MmuINT0005598	chr15	12746138	12747612	-	0.01822
6030458C11Rik	MmuINT0005599	chr15	12745727	12746074	-	0.012304
6030458C11Rik	MmuINT0005600	chr15	12744013	12745604	-	0.059768
6030458C11Rik	MmuINT0005601	chr15	12741828	12743945	-	0.016397
6030458C11Rik	MmuINT0005602	chr15	12740600	12741687	-	0.023147
6230427J02Rik	MmuINT0005616	chr9	1.08E+08	1.08E+08	-	0.06564
6330406I15Rik	MmuINT0005621	chr5	1.5E+08	1.5E+08	+	0.023953
6330406I15Rik	MmuINT0005622	chr5	1.5E+08	1.5E+08	+	0.036839
6330406I15Rik	MmuINT0005623	chr5	1.5E+08	1.5E+08	+	0.044714
6330406I15Rik	MmuINT0005624	chr5	1.5E+08	1.5E+08	+	0.039205
6330408A02Rik	MmuINT0005631	chr7	13862778	13863992	-	0.547439
6330408A02Rik	MmuINT0005632	chr7	13854997	13862494	-	0.184947
6330409N04Rik	MmuINT0005634	chr14	62168698	62175357	-	0.003654
6330409N04Rik	MmuINT0005636	chr14	62159077	62164518	-	0.000964
6330409N04Rik	MmuINT0005637	chr14	62154079	62158973	-	0.003262
6330416G13Rik	MmuINT0005639	chr4	63222030	63223473	+	0.01741
6330416G13Rik	MmuINT0005640	chr4	63223666	63226690	+	0.013824
6330416G13Rik	MmuINT0005641	chr4	63226801	63229494	+	0.018152
6330416G13Rik	MmuINT0005642	chr4	63229603	63230977	+	0.020737
6330416G13Rik	MmuINT0005643	chr4	63231128	63238834	+	0.05093
6330416G13Rik	MmuINT0005644	chr4	63238946	63240966	+	0.032456
6330416G13Rik	MmuINT0005645	chr4	63241048	63241326	+	0.022239
6330416G13Rik	MmuINT0005646	chr4	63241507	63244819	+	0.039202

6330577E15Rik	MmuINT0005701	chr19	47806312	47807119	+	0.004199
6330577E15Rik	MmuINT0005702	chr19	47807479	47808008	+	0.002236
6330577E15Rik	MmuINT0005703	chr19	47808402	47809313	+	0.003672
6330578E17Rik	MmuINT0005704	chr1	37485271	37486713	-	0.00221
6330578E17Rik	MmuINT0005705	chr1	37477473	37485186	-	0.001892
6430548M08Rik	MmuINT0005713	chr8	1.23E+08	1.23E+08	+	0.063111
6430548M08Rik	MmuINT0005714	chr8	1.23E+08	1.23E+08	+	0.045485
6430548M08Rik	MmuINT0005715	chr8	1.23E+08	1.23E+08	+	0.05257
6430548M08Rik	MmuINT0005716	chr8	1.23E+08	1.23E+08	+	0.032526
6430548M08Rik	MmuINT0005717	chr8	1.23E+08	1.23E+08	+	0.05943
6430548M08Rik	MmuINT0005718	chr8	1.23E+08	1.23E+08	+	0.065895
6430548M08Rik	MmuINT0005719	chr8	1.23E+08	1.23E+08	+	0.068257
6430548M08Rik	MmuINT0005720	chr8	1.23E+08	1.23E+08	+	0.048489
6430548M08Rik	MmuINT0005721	chr8	1.23E+08	1.23E+08	+	0.069615
6430548M08Rik	MmuINT0005722	chr8	1.23E+08	1.23E+08	+	0.070353
6430571L13Rik	MmuINT0005733	chr9	1.07E+08	1.07E+08	+	0.039414
6430571L13Rik	MmuINT0005734	chr9	1.07E+08	1.07E+08	+	0.063978
6430571L13Rik	MmuINT0005735	chr9	1.07E+08	1.07E+08	+	0.070801
6430571L13Rik	MmuINT0005736	chr9	1.07E+08	1.07E+08	+	0.068167
6530401N04Rik	MmuINT0005749	chr12	53105936	53107361	-	0.047502
6530401N04Rik	MmuINT0005750	chr12	53100861	53105865	-	0.015224
6530418L21Rik	MmuINT0005755	chr3	1.06E+08	1.06E+08	+	0.013819
6720401G13Rik	MmuINT0005756	chrX	47984173	47988121	-	0.008524
6720401G13Rik	MmuINT0005759	chrX	47938025	47945101	-	0.010853
6720401G13Rik	MmuINT0005761	chrX	47934127	47934579	-	0.132735
6720401G13Rik	MmuINT0005763	chrX	47926529	47931047	-	0.008627
6720401G13Rik	MmuINT0005770	chrX	47909107	47911407	-	0.480683
6720456B07Rik	MmuINT0005778	chr6	1.14E+08	1.14E+08	+	0.011465
6720456B07Rik	MmuINT0005779	chr6	1.14E+08	1.14E+08	+	0.013689
6720456H20Rik	MmuINT0005780	chr14	49066279	49070817	+	0.113318
6720456H20Rik	MmuINT0005781	chr14	49106586	49115966	+	0.031488
6720456H20Rik	MmuINT0005782	chr14	49116139	49119681	+	0.053239
6720456H20Rik	MmuINT0005783	chr14	49119831	49124919	+	0.036826
6720456H20Rik	MmuINT0005784	chr14	49125097	49126817	+	0.054239
6720456H20Rik	MmuINT0005785	chr14	49126872	49128709	+	0.055759
6720456H20Rik	MmuINT0005786	chr14	49128801	49131577	+	0.093232
6720456H20Rik	MmuINT0005787	chr14	49070850	49071580	+	0.060682
6720456H20Rik	MmuINT0005788	chr14	49071733	49091998	+	0.038729
6720456H20Rik	MmuINT0005789	chr14	49092177	49093640	+	0.04061
6720456H20Rik	MmuINT0005790	chr14	49093755	49097189	+	0.039084
6720456H20Rik	MmuINT0005791	chr14	49097370	49099978	+	0.051362
6720456H20Rik	MmuINT0005792	chr14	49100020	49102924	+	0.054529
6720456H20Rik	MmuINT0005793	chr14	49103009	49104613	+	0.051991
6720456H20Rik	MmuINT0005794	chr14	49104729	49106415	+	0.038336
6720463M24Rik	MmuINT0005801	chr14	99467781	99471820	+	0.54244
6720463M24Rik	MmuINT0005802	chr14	99471968	99472864	+	0.502113
6820408C15Rik	MmuINT0005812	chr2	1.52E+08	1.52E+08	+	0.092872
6820408C15Rik	MmuINT0005813	chr2	1.52E+08	1.52E+08	+	0.073051
6820408C15Rik	MmuINT0005818	chr2	1.52E+08	1.52E+08	+	0.050369
6820408C15Rik	MmuINT0005819	chr2	1.52E+08	1.52E+08	+	0.02734

6820408C15Rik	MmuINT0005820	chr2	1.52E+08	1.52E+08	+	0.025303
6820408C15Rik	MmuINT0005821	chr2	1.52E+08	1.52E+08	+	0.022926
8030462N17Rik	MmuINT0005839	chr18	77892036	77912638	-	0.100428
8030462N17Rik	MmuINT0005840	chr18	77881934	77891867	-	0.038661
8030462N17Rik	MmuINT0005841	chr18	77874068	77881806	-	0.018338
8430406I07Rik	MmuINT0005843	chr2	1.44E+08	1.44E+08	+	0.009002
8430406I07Rik	MmuINT0005844	chr2	1.44E+08	1.44E+08	+	0.047654
8430406I07Rik	MmuINT0005845	chr2	1.44E+08	1.44E+08	+	0.014669
8430410A17Rik	MmuINT0005847	chr6	87864006	87864484	+	0.222071
8430410A17Rik	MmuINT0005848	chr6	87864690	87867832	+	0.046016
8430410A17Rik	MmuINT0005849	chr6	87867977	87871519	+	0.028173
8430410A17Rik	MmuINT0005850	chr6	87871646	87875625	+	0.021571
8430410A17Rik	MmuINT0005851	chr6	87875805	87883235	+	0.150394
8430410A17Rik	MmuINT0005852	chr6	87883429	87886083	+	0.035136
8430410K20Rik	MmuINT0005853	chr9	4384143	4384738	+	0.004576
8430419L09Rik	MmuINT0005855	chr6	1.35E+08	1.35E+08	+	0.066699
8430419L09Rik	MmuINT0005856	chr6	1.35E+08	1.35E+08	+	0.057842
8430419L09Rik	MmuINT0005857	chr6	1.35E+08	1.35E+08	+	0.031486
8430419L09Rik	MmuINT0005858	chr6	1.35E+08	1.35E+08	+	0.076272
8430419L09Rik	MmuINT0005859	chr6	1.35E+08	1.35E+08	+	0.045824
8430419L09Rik	MmuINT0005861	chr6	1.35E+08	1.35E+08	+	0.056354
8430419L09Rik	MmuINT0005862	chr6	1.35E+08	1.35E+08	+	0.031043
8430419L09Rik	MmuINT0005864	chr6	1.35E+08	1.35E+08	+	0.107221
9030409G11Rik	MmuINT0005896	chr4	1.42E+08	1.42E+08	-	0.051324
9030409G11Rik	MmuINT0005899	chr4	1.42E+08	1.42E+08	-	0.061063
9030418K01Rik	MmuINT0005907	chr2	1.78E+08	1.78E+08	+	0.175592
9030418K01Rik	MmuINT0005908	chr2	1.78E+08	1.78E+08	+	0.047024
9030418K01Rik	MmuINT0005909	chr2	1.78E+08	1.78E+08	+	0.033031
9030425E11Rik	MmuINT0005913	chr9	40580612	40582445	+	0.059635
9030425E11Rik	MmuINT0005914	chr9	40582569	40589195	+	0.184925
9030425E11Rik	MmuINT0005915	chr9	40589338	40590389	+	0.068344
9030617O03Rik	MmuINT0005916	chr12	1.02E+08	1.02E+08	+	0.004135
9030617O03Rik	MmuINT0005917	chr12	1.02E+08	1.02E+08	+	0.002766
9030617O03Rik	MmuINT0005918	chr12	1.02E+08	1.02E+08	+	0.005197
9030617O03Rik	MmuINT0005919	chr12	1.02E+08	1.02E+08	+	0.01342
9030617O03Rik	MmuINT0005920	chr12	1.02E+08	1.02E+08	+	0.006467
9030617O03Rik	MmuINT0005921	chr12	1.02E+08	1.02E+08	+	0.005639
9030617O03Rik	MmuINT0005922	chr12	1.02E+08	1.02E+08	+	0.003711
9030617O03Rik	MmuINT0005923	chr12	1.02E+08	1.02E+08	+	0.005954
9030617O03Rik	MmuINT0005924	chr12	1.02E+08	1.02E+08	+	0.005371
9030617O03Rik	MmuINT0005925	chr12	1.02E+08	1.02E+08	+	0.003701
9030617O03Rik	MmuINT0005926	chr12	1.02E+08	1.02E+08	+	0.002823
9030617O03Rik	MmuINT0005927	chr12	1.02E+08	1.02E+08	+	0.003617
9030624J02Rik	MmuINT0005932	chr7	1.26E+08	1.26E+08	+	0.018635
9030624J02Rik	MmuINT0005933	chr7	1.26E+08	1.26E+08	+	0.041425
9030624J02Rik	MmuINT0005934	chr7	1.26E+08	1.26E+08	+	0.015186
9030624J02Rik	MmuINT0005935	chr7	1.26E+08	1.26E+08	+	0.017243
9030624J02Rik	MmuINT0005936	chr7	1.26E+08	1.26E+08	+	0.01791
9030624J02Rik	MmuINT0005937	chr7	1.26E+08	1.26E+08	+	0.018594
9030624J02Rik	MmuINT0005938	chr7	1.26E+08	1.26E+08	+	0.025674

9030624J02Rik	MmuINT0005939	chr7	1.26E+08	1.26E+08	+	0.013312
9030624J02Rik	MmuINT0005940	chr7	1.26E+08	1.26E+08	+	0.016114
9030624J02Rik	MmuINT0005941	chr7	1.26E+08	1.26E+08	+	0.021423
9030624J02Rik	MmuINT0005942	chr7	1.26E+08	1.26E+08	+	0.016416
9030624J02Rik	MmuINT0005943	chr7	1.26E+08	1.26E+08	+	0.023321
9030624J02Rik	MmuINT0005944	chr7	1.26E+08	1.26E+08	+	0.01538
9030624J02Rik	MmuINT0005945	chr7	1.26E+08	1.26E+08	+	0.013059
9030624J02Rik	MmuINT0005946	chr7	1.26E+08	1.26E+08	+	0.014448
9030624J02Rik	MmuINT0005947	chr7	1.26E+08	1.26E+08	+	0.01443
9030624J02Rik	MmuINT0005948	chr7	1.26E+08	1.26E+08	+	0.014405
9030624J02Rik	MmuINT0005949	chr7	1.26E+08	1.26E+08	+	0.010188
9030624J02Rik	MmuINT0005950	chr7	1.26E+08	1.26E+08	+	0.011526
9030624J02Rik	MmuINT0005951	chr7	1.26E+08	1.26E+08	+	0.023551
9030624J02Rik	MmuINT0005952	chr7	1.26E+08	1.26E+08	+	0.01141
9030624J02Rik	MmuINT0005953	chr7	1.26E+08	1.26E+08	+	0.008435
9030624J02Rik	MmuINT0005954	chr7	1.26E+08	1.26E+08	+	0.006117
9030624J02Rik	MmuINT0005955	chr7	1.26E+08	1.26E+08	+	0.009153
9030624J02Rik	MmuINT0005956	chr7	1.26E+08	1.26E+08	+	0.011567
9030624J02Rik	MmuINT0005957	chr7	1.26E+08	1.26E+08	+	0.019361
9030624J02Rik	MmuINT0005958	chr7	1.26E+08	1.26E+08	+	0.016556
9030624J02Rik	MmuINT0005959	chr7	1.26E+08	1.26E+08	+	0.030828
9030624J02Rik	MmuINT0005960	chr7	1.26E+08	1.26E+08	+	0.02163
9030625A04Rik	MmuINT0005963	chr14	77433991	77434599	-	0.047664
9030625A04Rik	MmuINT0005964	chr14	77433159	77433811	-	0.060312
9030625A04Rik	MmuINT0005965	chr14	77430770	77432992	-	0.224174
9030625A04Rik	MmuINT0005966	chr14	77429496	77430543	-	0.04078
9030625A04Rik	MmuINT0005967	chr14	77424782	77429334	-	0.044049
9130011E15Rik	MmuINT0005969	chr19	46053203	46072905	-	0.043729
9130011E15Rik	MmuINT0005970	chr19	46031231	46032896	-	0.030789
9130011E15Rik	MmuINT0005972	chr19	46027191	46027913	-	0.03625
9130011E15Rik	MmuINT0005973	chr19	46025246	46027114	-	0.025442
9130011E15Rik	MmuINT0005974	chr19	46020594	46025151	-	0.022353
9130011E15Rik	MmuINT0005975	chr19	46014994	46020491	-	0.024522
9130011E15Rik	MmuINT0005976	chr19	46010918	46014934	-	0.032018
9130011E15Rik	MmuINT0005977	chr19	46008346	46010851	-	0.052349
9130011E15Rik	MmuINT0005978	chr19	46006902	46008275	-	0.037772
9130011E15Rik	MmuINT0005979	chr19	45996196	46006840	-	0.036022
9130011E15Rik	MmuINT0005980	chr19	46049766	46053089	-	0.030368
9130011E15Rik	MmuINT0005981	chr19	45966639	45996106	-	0.020913
9130011E15Rik	MmuINT0005982	chr19	45965825	45966555	-	0.027859
9130011E15Rik	MmuINT0005983	chr19	45960518	45965697	-	0.014933
9130011E15Rik	MmuINT0005984	chr19	45920677	45960441	-	0.023492
9130011E15Rik	MmuINT0005985	chr19	45894881	45920597	-	0.064839
9130011E15Rik	MmuINT0005986	chr19	45893469	45894763	-	0.008811
9130011E15Rik	MmuINT0005987	chr19	46049604	46049708	-	0.023803
9130011E15Rik	MmuINT0005988	chr19	46047421	46049456	-	0.018384
9130011E15Rik	MmuINT0005989	chr19	46040825	46047312	-	0.032927
9130011E15Rik	MmuINT0005990	chr19	46039927	46040731	-	0.022951
9130011E15Rik	MmuINT0005992	chr19	46034860	46039653	-	0.036365
9130011E15Rik	MmuINT0005993	chr19	46032941	46034802	-	0.032511



9130011J15Rik	MmuINT0005994	chr8	75094815	75094902	-	0.024371
9130011J15Rik	MmuINT0005995	chr8	75093918	75094772	-	0.018277
9130011J15Rik	MmuINT0005996	chr8	75092846	75093864	-	0.004874
9130011J15Rik	MmuINT0005997	chr8	75091708	75092754	-	0.001329
9130401M01Rik	MmuINT0006030	chr15	57863635	57865638	-	0.028273
9130401M01Rik	MmuINT0006031	chr15	57862656	57863538	-	0.038874
9130401M01Rik	MmuINT0006032	chr15	57860600	57862511	-	0.014887
9130401M01Rik	MmuINT0006033	chr15	57856962	57860168	-	0.011046
9130401M01Rik	MmuINT0006034	chr15	57854119	57856828	-	0.009017
9230114K14Rik	MmuINT0006082	chr5	52582177	52584156	+	0.055855
9230114K14Rik	MmuINT0006084	chr5	52586130	52588131	+	0.034674
9430008C03Rik	MmuINT0006145	chr2	1.58E+08	1.58E+08	-	0.887484
9430008C03Rik	MmuINT0006146	chr2	1.58E+08	1.58E+08	-	0.20086
9430015G10Rik	MmuINT0006152	chr4	1.55E+08	1.55E+08	+	0.144657
9430016H08Rik	MmuINT0006156	chr1	57464067	57466755	+	0.018416
9430016H08Rik	MmuINT0006157	chr1	57466828	57468566	+	0.009132
9430016H08Rik	MmuINT0006158	chr1	57468694	57470083	+	0.010565
9430016H08Rik	MmuINT0006159	chr1	57470232	57472499	+	0.009672
9430020K01Rik	MmuINT0006160	chr18	4635030	4649072	+	0.01442
9430020K01Rik	MmuINT0006161	chr18	4649404	4672512	+	0.009304
9430020K01Rik	MmuINT0006162	chr18	4676166	4680223	+	0.023114
9430023L20Rik	MmuINT0006166	chr15	1.01E+08	1.01E+08	+	0.010066
9430023L20Rik	MmuINT0006167	chr15	1.01E+08	1.01E+08	+	0.019024
9430038I01Rik	MmuINT0006172	chr7	1.45E+08	1.45E+08	-	0.019692
9430038I01Rik	MmuINT0006174	chr7	1.45E+08	1.45E+08	-	0.041687
9530068E07Rik	MmuINT0006243	chr11	52210106	52216547	+	0.002258
9530068E07Rik	MmuINT0006244	chr11	52217060	52220446	+	0.010358
9530082P21Rik	MmuINT0006251	chr17	23886678	23886767	+	0.477209
9530082P21Rik	MmuINT0006252	chr17	23887067	23888644	+	0.958175
9630033F20Rik	MmuINT0006259	chr6	1.27E+08	1.27E+08	-	0.008236
9630033F20Rik	MmuINT0006260	chr6	1.27E+08	1.27E+08	-	0.016202
9630033F20Rik	MmuINT0006261	chr6	1.27E+08	1.27E+08	-	0.001438
9630033F20Rik	MmuINT0006262	chr6	1.27E+08	1.27E+08	-	0.014803
9630033F20Rik	MmuINT0006263	chr6	1.27E+08	1.27E+08	-	0.008028
9830001H06Rik	MmuINT0006270	chr2	1.57E+08	1.57E+08	-	0.048616
9930021D14Rik	MmuINT0006316	chr17	24611184	24611349	+	0.990671
9930021D14Rik	MmuINT0006317	chr17	24611506	24611583	+	0.988448
9930021D14Rik	MmuINT0006318	chr17	24611686	24611934	+	0.98815
9930021D14Rik	MmuINT0006319	chr17	24612089	24612184	+	0.989346
9930021J03Rik	MmuINT0006320	chr19	29860940	29879771	-	0.059213
9930021J03Rik	MmuINT0006321	chr19	29829508	29860738	-	0.044229
9930021J03Rik	MmuINT0006322	chr19	29818103	29828089	-	0.029964
9930021J03Rik	MmuINT0006323	chr19	29809696	29818022	-	0.047772
9930021J03Rik	MmuINT0006324	chr19	29797996	29809605	-	0.048056
9930021J03Rik	MmuINT0006325	chr19	29795264	29797879	-	0.022307
9930021J03Rik	MmuINT0006326	chr19	29794097	29795075	-	0.083697
9930104L06Rik	MmuINT0006347	chr4	1.25E+08	1.25E+08	+	0.03193
9930104L06Rik	MmuINT0006348	chr4	1.25E+08	1.25E+08	+	0.215382
9930104L06Rik	MmuINT0006349	chr4	1.25E+08	1.25E+08	+	0.358389
9930104L06Rik	MmuINT0006350	chr4	1.25E+08	1.25E+08	+	0.444322

A130022J15Rik	MmuINT0006358	chr6	97098253	97098825	-	0.126195
A130022J15Rik	MmuINT0006359	chr6	97070799	97075513	-	0.04365
A130022J15Rik	MmuINT0006360	chr6	97070210	97070705	-	0.040771
A130022J15Rik	MmuINT0006361	chr6	97070044	97070137	-	0.107855
A130022J15Rik	MmuINT0006362	chr6	97068944	97069956	-	0.032792
A130022J15Rik	MmuINT0006363	chr6	97066057	97068874	-	0.10805
A130022J15Rik	MmuINT0006364	chr6	97063957	97065994	-	0.039946
A130022J15Rik	MmuINT0006365	chr6	97062778	97063836	-	0.043218
A130022J15Rik	MmuINT0006366	chr6	97062201	97062674	-	0.055588
A130022J15Rik	MmuINT0006367	chr6	97097446	97097870	-	0.022633
A130022J15Rik	MmuINT0006368	chr6	97095479	97097388	-	0.039266
A130022J15Rik	MmuINT0006369	chr6	97094035	97095254	-	0.021241
A130022J15Rik	MmuINT0006370	chr6	97092929	97093933	-	0.024636
A130022J15Rik	MmuINT0006371	chr6	97085265	97092819	-	0.016675
A130022J15Rik	MmuINT0006372	chr6	97084378	97085169	-	0.00601
A130022J15Rik	MmuINT0006373	chr6	97081453	97084272	-	0.030634
A130022J15Rik	MmuINT0006374	chr6	97075618	97081345	-	0.04014
A1cf	MmuINT0006394	chr19	31967689	31983281	+	0.080082
A1cf	MmuINT0006395	chr19	31983417	31985595	+	0.039739
A1cf	MmuINT0006396	chr19	31985727	31992373	+	0.106485
A1cf	MmuINT0006397	chr19	31992613	31995311	+	0.035227
A1cf	MmuINT0006398	chr19	31995477	32001597	+	0.038459
A1cf	MmuINT0006399	chr19	32001696	32006914	+	0.022266
A230046K03Rik	MmuINT0006403	chr10	83006848	83009529	+	0.021125
A230046K03Rik	MmuINT0006404	chr10	83019669	83021342	+	0.029923
A230046K03Rik	MmuINT0006405	chr10	83021467	83021562	+	0.030124
A230046K03Rik	MmuINT0006406	chr10	83021691	83023110	+	0.038111
A230046K03Rik	MmuINT0006407	chr10	83023272	83027155	+	0.041745
A230046K03Rik	MmuINT0006408	chr10	83027283	83032712	+	0.033498
A230046K03Rik	MmuINT0006409	chr10	83032839	83034097	+	0.031682
A230046K03Rik	MmuINT0006410	chr10	83034206	83034837	+	0.036077
A230046K03Rik	MmuINT0006411	chr10	83034985	83035102	+	0.044728
A230046K03Rik	MmuINT0006412	chr10	83035183	83036520	+	0.042903
A230046K03Rik	MmuINT0006413	chr10	83036627	83037187	+	0.040511
A230046K03Rik	MmuINT0006415	chr10	83037305	83038761	+	0.021867
A230046K03Rik	MmuINT0006416	chr10	83038931	83039419	+	0.017592
A230046K03Rik	MmuINT0006417	chr10	83039575	83042226	+	0.04719
A230046K03Rik	MmuINT0006418	chr10	83042302	83043001	+	0.039773
A230046K03Rik	MmuINT0006419	chr10	83043107	83044001	+	0.060659
A230046K03Rik	MmuINT0006420	chr10	83044137	83045999	+	0.047904
A230046K03Rik	MmuINT0006421	chr10	83046109	83048562	+	0.07153
A230046K03Rik	MmuINT0006422	chr10	83048630	83049378	+	0.071177
A230046K03Rik	MmuINT0006423	chr10	83049466	83050901	+	0.044726
A230046K03Rik	MmuINT0006424	chr10	83051050	83053035	+	0.100698
A230046K03Rik	MmuINT0006426	chr10	83053133	83053731	+	0.041628
A230046K03Rik	MmuINT0006427	chr10	83053929	83054433	+	0.016104
A230046K03Rik	MmuINT0006428	chr10	83054534	83056915	+	0.040066
A230046K03Rik	MmuINT0006430	chr10	83013055	83013625	+	0.055642
A230046K03Rik	MmuINT0006431	chr10	83013694	83017478	+	0.050306
A230046K03Rik	MmuINT0006432	chr10	83017562	83018317	+	0.046628

A230046K03Rik	MmuINT0006433	chr10	83018361	83018757	+	0.073889
A230046K03Rik	MmuINT0006434	chr10	83018862	83019547	+	0.028457
A230050P20Rik	MmuINT0006435	chr9	20673381	20673773	+	0.029936
A230050P20Rik	MmuINT0006436	chr9	20673898	20674047	+	0.168196
A230050P20Rik	MmuINT0006437	chr9	20674098	20675640	+	0.770417
A230050P20Rik	MmuINT0006438	chr9	20675680	20675819	+	0.056756
A230050P20Rik	MmuINT0006439	chr9	20675970	20677311	+	0.042572
A230050P20Rik	MmuINT0006440	chr9	20677416	20677553	+	0.482742
A230050P20Rik	MmuINT0006441	chr9	20677709	20677985	+	0.056458
A230051G13Rik	MmuINT0006442	chr11	58972681	58976852	-	0.009832
A230051G13Rik	MmuINT0006443	chr11	58972162	58972339	-	0.007483
A230056P14Rik	MmuINT0006444	chr7	63218043	63227382	+	0.082602
A2ld1	MmuINT0006463	chr14	1.23E+08	1.23E+08	-	0.045967
A2ld1	MmuINT0006464	chr14	1.23E+08	1.23E+08	-	0.015424
A330023F24Rik	MmuINT0006523	chr1	1.97E+08	1.97E+08	+	0.21133
A330023F24Rik	MmuINT0006524	chr1	1.97E+08	1.97E+08	+	0.052624
A330023F24Rik	MmuINT0006525	chr1	1.97E+08	1.97E+08	+	0.383186
A330023F24Rik	MmuINT0006527	chr1	1.97E+08	1.97E+08	+	0.404142
A330023F24Rik	MmuINT0006528	chr1	1.97E+08	1.97E+08	+	0.845814
A430005L14Rik	MmuINT0006552	chr4	1.53E+08	1.53E+08	+	0.00511
A430105I19Rik	MmuINT0006575	chr2	1.19E+08	1.19E+08	-	0.105271
A430105I19Rik	MmuINT0006576	chr2	1.19E+08	1.19E+08	-	0.036859
A430105I19Rik	MmuINT0006577	chr2	1.19E+08	1.19E+08	-	0.009873
A430105I19Rik	MmuINT0006578	chr2	1.19E+08	1.19E+08	-	0.123942
A430105I19Rik	MmuINT0006579	chr2	1.19E+08	1.19E+08	-	0.072079
A430105I19Rik	MmuINT0006580	chr2	1.19E+08	1.19E+08	-	0.045385
A430105I19Rik	MmuINT0006581	chr2	1.19E+08	1.19E+08	-	0.030993
A430105I19Rik	MmuINT0006582	chr2	1.19E+08	1.19E+08	-	0.034178
A430105I19Rik	MmuINT0006583	chr2	1.19E+08	1.19E+08	-	0.013292
A430105I19Rik	MmuINT0006584	chr2	1.19E+08	1.19E+08	-	0.056525
A430107O13Rik	MmuINT0006585	chr6	21937060	21966902	+	0.053283
A430107O13Rik	MmuINT0006586	chr6	22073657	22082228	+	0.041167
A430107O13Rik	MmuINT0006587	chr6	22082387	22085846	+	0.024146
A430107O13Rik	MmuINT0006589	chr6	22088711	22093943	+	0.031597
A430107O13Rik	MmuINT0006590	chr6	22094131	22095518	+	0.028738
A430107O13Rik	MmuINT0006591	chr6	22095688	22165511	+	0.025363
A430107O13Rik	MmuINT0006592	chr6	22165630	22172403	+	0.031992
A430107O13Rik	MmuINT0006593	chr6	22172541	22183444	+	0.035882
A430107O13Rik	MmuINT0006594	chr6	22183666	22183907	+	0.020574
A430107O13Rik	MmuINT0006595	chr6	22184010	22184630	+	0.028595
A430107O13Rik	MmuINT0006596	chr6	21967087	22001292	+	0.043841
A430107O13Rik	MmuINT0006597	chr6	22184719	22187595	+	0.021765
A430107O13Rik	MmuINT0006598	chr6	22187743	22204465	+	0.084472
A430107O13Rik	MmuINT0006599	chr6	22001400	22009876	+	0.056505
A430107O13Rik	MmuINT0006600	chr6	22009953	22035029	+	0.041286
A430107O13Rik	MmuINT0006601	chr6	22035163	22038688	+	0.027767
A430107O13Rik	MmuINT0006602	chr6	22038858	22069461	+	0.022024
A430107O13Rik	MmuINT0006604	chr6	22071057	22072256	+	0.028871
A430107O13Rik	MmuINT0006605	chr6	22072425	22073551	+	0.027179
A430110N23Rik	MmuINT0006608	chr7	4888825	4889066	+	0.259627

A530013C23Rik	MmuINT0006623	chr2	1.68E+08	1.68E+08	+	0.083971
A530016L24Rik	MmuINT0006624	chr12	1.14E+08	1.14E+08	+	0.007408
A530016L24Rik	MmuINT0006625	chr12	1.14E+08	1.14E+08	+	0.009762
A530016L24Rik	MmuINT0006626	chr12	1.14E+08	1.14E+08	+	0.007732
A530016L24Rik	MmuINT0006627	chr12	1.14E+08	1.14E+08	+	0.731998
A630001G21Rik	MmuINT0006653	chr1	87615705	87619672	-	0.738889
A630001G21Rik	MmuINT0006654	chr1	87614944	87615599	-	0.80216
A630007B06Rik	MmuINT0006655	chr19	56884856	56887484	-	0.040988
A630007B06Rik	MmuINT0006656	chr19	56872124	56873056	-	0.013075
A630007B06Rik	MmuINT0006657	chr19	56869661	56871933	-	0.024274
A630007B06Rik	MmuINT0006658	chr19	56867997	56869579	-	0.019123
A630007B06Rik	MmuINT0006659	chr19	56866651	56867785	-	0.238617
A630007B06Rik	MmuINT0006660	chr19	56865537	56866430	-	0.261458
A630007B06Rik	MmuINT0006661	chr19	56883812	56884728	-	0.016836
A630007B06Rik	MmuINT0006662	chr19	56882681	56883682	-	0.02058
A630007B06Rik	MmuINT0006663	chr19	56881576	56882467	-	0.025906
A630007B06Rik	MmuINT0006664	chr19	56876480	56881455	-	0.019376
A630007B06Rik	MmuINT0006665	chr19	56875756	56876374	-	0.015399
A630007B06Rik	MmuINT0006666	chr19	56875490	56875656	-	0.019006
A630007B06Rik	MmuINT0006667	chr19	56874697	56875402	-	0.022133
A630007B06Rik	MmuINT0006668	chr19	56873313	56874553	-	0.016303
A730011L01Rik	MmuINT0006699	chr11	1.19E+08	1.19E+08	+	0.049351
A730011L01Rik	MmuINT0006700	chr11	1.19E+08	1.19E+08	+	0.042597
A730011L01Rik	MmuINT0006701	chr11	1.19E+08	1.19E+08	+	0.066534
A730011L01Rik	MmuINT0006702	chr11	1.19E+08	1.19E+08	+	0.057449
A730011L01Rik	MmuINT0006703	chr11	1.19E+08	1.19E+08	+	0.045781
A730011L01Rik	MmuINT0006704	chr11	1.19E+08	1.19E+08	+	0.08741
A830080D01Rik	MmuINT0006746	chrX	1.56E+08	1.56E+08	+	0.054913
A830080D01Rik	MmuINT0006748	chrX	1.56E+08	1.56E+08	+	0.053684
A830080D01Rik	MmuINT0006749	chrX	1.56E+08	1.56E+08	+	0.048692
A830080D01Rik	MmuINT0006750	chrX	1.56E+08	1.56E+08	+	0.046909
A830080D01Rik	MmuINT0006751	chrX	1.56E+08	1.56E+08	+	0.046596
A830080D01Rik	MmuINT0006754	chrX	1.56E+08	1.56E+08	+	0.306731
A830093I24Rik	MmuINT0006757	chr12	4775328	4775711	-	0.130278
A830093I24Rik	MmuINT0006758	chr12	4770954	4775195	-	0.050699
A830093I24Rik	MmuINT0006762	chr12	4754984	4755069	-	0.146391
A930001N09Rik	MmuINT0006763	chr17	26852720	26873733	+	0.229518
A930001N09Rik	MmuINT0006764	chr17	26873929	26876487	+	0.029668
A930001N09Rik	MmuINT0006765	chr17	26876614	26878986	+	0.020089
A930001N09Rik	MmuINT0006766	chr17	26880077	26894749	+	0.018408
A930001N09Rik	MmuINT0006767	chr17	26894945	26896704	+	0.009858
A930001N09Rik	MmuINT0006768	chr17	26896895	26899182	+	0.015069
A930001N09Rik	MmuINT0006769	chr17	26899257	26900270	+	0.011393
A930001N09Rik	MmuINT0006770	chr17	26900394	26908236	+	0.104522
A930005I04Rik	MmuINT0006780	chr5	35264329	35265972	+	0.228271
A930015D03Rik	MmuINT0006791	chr17	36131506	36174377	+	0.873127
AA408296	MmuINT0006798	chr1	1.95E+08	1.95E+08	-	0.039237
AA408296	MmuINT0006799	chr1	1.95E+08	1.95E+08	-	0.033007
AA408296	MmuINT0006800	chr1	1.95E+08	1.95E+08	-	0.052135
AA408296	MmuINT0006802	chr1	1.95E+08	1.95E+08	-	0.065754

AA408296	MmuINT0006803	chr1	1.95E+08	1.95E+08	-	0.02066
AA408296	MmuINT0006804	chr1	1.95E+08	1.95E+08	-	0.030871
AA408296	MmuINT0006805	chr1	1.95E+08	1.95E+08	-	0.072632
AA408296	MmuINT0006806	chr1	1.95E+08	1.95E+08	-	0.226186
AA408296	MmuINT0006807	chr1	1.95E+08	1.95E+08	-	0.027155
AA415398	MmuINT0006809	chr4	1.19E+08	1.19E+08	-	0.089708
AA465934	MmuINT0006811	chr11	83105336	83105468	+	0.974617
AA465934	MmuINT0006812	chr11	83105600	83108016	+	0.455922
AA881470	MmuINT0006826	chr5	1.41E+08	1.41E+08	+	0.133077
AA881470	MmuINT0006827	chr5	1.41E+08	1.41E+08	+	0.094152
AA881470	MmuINT0006828	chr5	1.41E+08	1.41E+08	+	0.042292
AA881470	MmuINT0006829	chr5	1.41E+08	1.41E+08	+	0.058431
AA881470	MmuINT0006830	chr5	1.41E+08	1.41E+08	+	0.036375
AA881470	MmuINT0006831	chr5	1.41E+08	1.41E+08	+	0.081421
AA881470	MmuINT0006832	chr5	1.41E+08	1.41E+08	+	0.067548
AA881470	MmuINT0006833	chr5	1.41E+08	1.41E+08	+	0.043233
AA881470	MmuINT0006834	chr5	1.41E+08	1.41E+08	+	0.009258
AA881470	MmuINT0006835	chr5	1.41E+08	1.41E+08	+	0.034342
AA881470	MmuINT0006836	chr5	1.41E+08	1.41E+08	+	0.093485
AA960436	MmuINT0006837	chr8	97856366	97857267	+	0.01391
AA960436	MmuINT0006838	chr8	97857435	97862533	+	0.036611
AA960436	MmuINT0006839	chr8	97862718	97867021	+	0.036101
AA960436	MmuINT0006840	chr8	97867076	97867856	+	0.050883
AA960436	MmuINT0006841	chr8	97867963	97869188	+	0.105213
AA960436	MmuINT0006842	chr8	97869273	97870426	+	0.058693
AF251705	MmuINT0006864	chr11	1.15E+08	1.15E+08	-	0.360007
AF251705	MmuINT0006866	chr11	1.15E+08	1.15E+08	-	0.051139
AI118078	MmuINT0006871	chr9	55283061	55284913	+	0.056311
AI118078	MmuINT0006878	chr9	55265931	55278081	+	0.065166
AI314180	MmuINT0006889	chr4	58898371	58925347	-	0.16959
AI314180	MmuINT0006890	chr4	58866067	58866522	-	0.011363
AI314180	MmuINT0006891	chr4	58863826	58865987	-	0.007015
AI314180	MmuINT0006892	chr4	58862826	58863775	-	0.005323
AI314180	MmuINT0006893	chr4	58862675	58862758	-	0.003593
AI314180	MmuINT0006894	chr4	58859975	58862551	-	0.008078
AI314180	MmuINT0006895	chr4	58857075	58859870	-	0.003637
AI314180	MmuINT0006896	chr4	58855521	58856950	-	0.00275
AI314180	MmuINT0006897	chr4	58854478	58855439	-	0.002729
AI314180	MmuINT0006898	chr4	58853639	58854254	-	0.004341
AI314180	MmuINT0006899	chr4	58849129	58853546	-	0.003185
AI314180	MmuINT0006900	chr4	58892007	58898239	-	0.003786
AI314180	MmuINT0006901	chr4	58847532	58848993	-	0.004965
AI314180	MmuINT0006902	chr4	58846971	58847368	-	0.002985
AI314180	MmuINT0006903	chr4	58845678	58846797	-	0.002463
AI314180	MmuINT0006904	chr4	58843330	58845575	-	0.003192
AI314180	MmuINT0006905	chr4	58841525	58843205	-	0.005558
AI314180	MmuINT0006906	chr4	58840935	58841378	-	0.004762
AI314180	MmuINT0006907	chr4	58840024	58840879	-	0.003466
AI314180	MmuINT0006908	chr4	58839343	58839908	-	0.003077
AI314180	MmuINT0006909	chr4	58837688	58839273	-	0.004609

AI314180	MmuINT0006911	chr4	58890036	58891889	-	0.004836
AI314180	MmuINT0006912	chr4	58834988	58837037	-	0.003544
AI314180	MmuINT0006913	chr4	58834341	58834907	-	0.002925
AI314180	MmuINT0006914	chr4	58833048	58834234	-	0.006789
AI314180	MmuINT0006915	chr4	58832137	58832999	-	0.028547
AI314180	MmuINT0006916	chr4	58830423	58832014	-	0.020086
AI314180	MmuINT0006917	chr4	58828197	58830271	-	0.008287
AI314180	MmuINT0006918	chr4	58826954	58828130	-	0.002981
AI314180	MmuINT0006919	chr4	58825583	58826863	-	0.006388
AI314180	MmuINT0006920	chr4	58824816	58825515	-	0.003468
AI314180	MmuINT0006921	chr4	58824648	58824723	-	0.009701
AI314180	MmuINT0006922	chr4	58888446	58889916	-	0.003611
AI314180	MmuINT0006923	chr4	58824435	58824580	-	0.00616
AI314180	MmuINT0006925	chr4	58822598	58823487	-	0.003331
AI314180	MmuINT0006926	chr4	58822461	58822553	-	0.002588
AI314180	MmuINT0006927	chr4	58820762	58822267	-	0.00603
AI314180	MmuINT0006928	chr4	58818519	58820622	-	0.009555
AI314180	MmuINT0006929	chr4	58816631	58818412	-	0.018037
AI314180	MmuINT0006930	chr4	58814677	58816541	-	0.003173
AI314180	MmuINT0006931	chr4	58813193	58814604	-	0.002775
AI314180	MmuINT0006932	chr4	58885633	58888295	-	0.002452
AI314180	MmuINT0006933	chr4	58882427	58885460	-	0.002857
AI314180	MmuINT0006934	chr4	58877301	58882286	-	0.00285
AI314180	MmuINT0006935	chr4	58874517	58877218	-	0.003694
AI314180	MmuINT0006936	chr4	58866609	58874396	-	0.003511
AI314976	MmuINT0006944	chr17	48550230	48550588	+	0.02196
AI314976	MmuINT0006945	chr17	48550734	48553550	+	0.060759
AI314976	MmuINT0006946	chr17	48553610	48554545	+	0.050595
AI314976	MmuINT0006947	chr17	48554659	48556008	+	0.032661
AI316807	MmuINT0006950	chr8	23582046	23583913	-	0.001982
AI316807	MmuINT0006951	chr8	23573848	23581920	-	0.013422
AI413582	MmuINT0006956	chr17	27701696	27702604	-	0.040953
AI413582	MmuINT0006957	chr17	27701356	27701506	-	0.011675
AI413582	MmuINT0006958	chr17	27701200	27701329	-	0.048817
AI413582	MmuINT0006959	chr17	27700962	27701093	-	0.014513
AI462493	MmuINT0006969	chr19	8955107	8955195	-	0.002224
AI480653	MmuINT0006972	chr16	31050866	31080920	-	0.027641
AI480653	MmuINT0006973	chr16	31007933	31050717	-	0.012514
AI480653	MmuINT0006974	chr16	30957821	31007799	-	0.017318
AI507597	MmuINT0006978	chr4	1.41E+08	1.41E+08	+	0.996818
AI597468	MmuINT0006980	chr10	84565743	84573543	+	0.038709
AI597468	MmuINT0006981	chr10	84573611	84577152	+	0.040642
AI597479	MmuINT0006982	chr1	43155708	43157559	+	0.009779
AI597479	MmuINT0006983	chr1	43157727	43167842	+	0.009598
AI597479	MmuINT0006984	chr1	43168219	43170030	+	0.015065
AI837181	MmuINT0007008	chr19	5425309	5425936	+	0.333154
AI846148	MmuINT0007009	chr19	7449341	7457161	-	0.044185
AI846148	MmuINT0007010	chr19	7448936	7449010	-	0.053812
AI846148	MmuINT0007011	chr19	7448638	7448785	-	0.025689
AI846148	MmuINT0007012	chr19	7448345	7448511	-	0.010432

AI848100	MmuINT0007013	chr1	1.64E+08	1.64E+08	-	0.042517
AI848100	MmuINT0007014	chr1	1.64E+08	1.64E+08	-	0.036692
AI848100	MmuINT0007015	chr1	1.64E+08	1.64E+08	-	0.09476
AI848100	MmuINT0007016	chr1	1.64E+08	1.64E+08	-	0.113188
AI848100	MmuINT0007017	chr1	1.64E+08	1.64E+08	-	0.041804
AI848100	MmuINT0007018	chr1	1.64E+08	1.64E+08	-	0.048461
AI848100	MmuINT0007019	chr1	1.64E+08	1.64E+08	-	0.054688
AI848100	MmuINT0007020	chr1	1.64E+08	1.64E+08	-	0.0364
AI848100	MmuINT0007021	chr1	1.64E+08	1.64E+08	-	0.032039
AI848100	MmuINT0007022	chr1	1.64E+08	1.64E+08	-	0.020844
AI848100	MmuINT0007023	chr1	1.64E+08	1.64E+08	-	0.023
AI848100	MmuINT0007024	chr1	1.64E+08	1.64E+08	-	0.040154
AI848100	MmuINT0007025	chr1	1.64E+08	1.64E+08	-	0.021744
AI848100	MmuINT0007026	chr1	1.64E+08	1.64E+08	-	0.021304
AI848100	MmuINT0007027	chr1	1.64E+08	1.64E+08	-	0.078628
AI848100	MmuINT0007028	chr1	1.64E+08	1.64E+08	-	0.020604
AI848100	MmuINT0007029	chr1	1.64E+08	1.64E+08	-	0.025779
AI848100	MmuINT0007030	chr1	1.64E+08	1.64E+08	-	0.046404
AI848100	MmuINT0007031	chr1	1.64E+08	1.64E+08	-	0.040277
AI848100	MmuINT0007032	chr1	1.64E+08	1.64E+08	-	0.023193
AI848100	MmuINT0007033	chr1	1.64E+08	1.64E+08	-	0.05913
AI848100	MmuINT0007035	chr1	1.64E+08	1.64E+08	-	0.057223
AK129341	MmuINT0007046	chr9	8076947	8079494	-	0.234981
AK129341	MmuINT0007049	chr9	8103517	8112079	-	0.137534
AK129341	MmuINT0007050	chr9	8101842	8103317	-	0.113925
AK129341	MmuINT0007051	chr9	8095327	8099731	-	0.049589
AK129341	MmuINT0007054	chr9	8079560	8087227	-	0.051278
AU019823	MmuINT0007071	chr9	50423665	50424762	-	0.062113
AU019823	MmuINT0007073	chr9	50418555	50420481	-	0.004137
AU019823	MmuINT0007075	chr9	50416042	50417476	-	0.026962
AU021092	MmuINT0007088	chr16	5218042	5220388	-	0.055927
AU021092	MmuINT0007090	chr16	5216206	5216834	-	0.105983
AU021092	MmuINT0007091	chr16	5214801	5216069	-	0.075476
AU021092	MmuINT0007092	chr16	5212766	5214695	-	0.172931
AU021092	MmuINT0007093	chr16	5212306	5212684	-	0.147121
AU022252	MmuINT0007094	chr4	1.19E+08	1.19E+08	-	0.174951
AU022252	MmuINT0007095	chr4	1.19E+08	1.19E+08	-	0.03346
AU022252	MmuINT0007096	chr4	1.19E+08	1.19E+08	-	0.015578
AU022252	MmuINT0007097	chr4	1.19E+08	1.19E+08	-	0.017227
AU040320	MmuINT0007121	chr4	1.26E+08	1.26E+08	+	0.014845
AU040320	MmuINT0007122	chr4	1.27E+08	1.27E+08	+	0.005864
AU040320	MmuINT0007123	chr4	1.27E+08	1.27E+08	+	0.005197
AU040320	MmuINT0007124	chr4	1.27E+08	1.27E+08	+	0.005731
AU040320	MmuINT0007125	chr4	1.27E+08	1.27E+08	+	0.004325
AU040320	MmuINT0007126	chr4	1.27E+08	1.27E+08	+	0.007581
AU040320	MmuINT0007127	chr4	1.27E+08	1.27E+08	+	0.006868
AU040320	MmuINT0007128	chr4	1.27E+08	1.27E+08	+	0.018133
AU040320	MmuINT0007129	chr4	1.27E+08	1.27E+08	+	0.007645
AU040320	MmuINT0007130	chr4	1.27E+08	1.27E+08	+	0.00501
AU040320	MmuINT0007131	chr4	1.27E+08	1.27E+08	+	0.004959

AU040320	MmuINT0007132	chr4	1.26E+08	1.26E+08	+	0.008691
AU040320	MmuINT0007133	chr4	1.26E+08	1.26E+08	+	0.010822
AU040320	MmuINT0007134	chr4	1.26E+08	1.26E+08	+	0.00749
AU040320	MmuINT0007135	chr4	1.26E+08	1.27E+08	+	0.008536
AU040320	MmuINT0007136	chr4	1.27E+08	1.27E+08	+	0.007343
AU040320	MmuINT0007137	chr4	1.27E+08	1.27E+08	+	0.007557
AU040320	MmuINT0007138	chr4	1.27E+08	1.27E+08	+	0.020341
AU040320	MmuINT0007139	chr4	1.27E+08	1.27E+08	+	0.027111
AV249152	MmuINT0007165	chr11	21612075	21621105	+	0.054122
AV249152	MmuINT0007166	chr11	21621295	21624515	+	0.04971
AV249152	MmuINT0007168	chr11	21648945	21713362	+	0.035889
AV249152	MmuINT0007169	chr11	21713466	21757449	+	0.054149
AV249152	MmuINT0007170	chr11	21757613	21784986	+	0.047059
AV249152	MmuINT0007172	chr11	21786292	21798478	+	0.042689
AV249152	MmuINT0007177	chr11	21564389	21589570	+	0.050424
AV249152	MmuINT0007180	chr11	21595309	21611464	+	0.062527
AW112010	MmuINT0007181	chr19	11122883	11124877	-	0.050736
AW112010	MmuINT0007182	chr19	11122584	11122768	-	0.017422
AW209491	MmuINT0007201	chr13	14722632	14728566	+	0.02119
AW549877	MmuINT0007202	chr15	3942465	3945614	-	0.014418
AW549877	MmuINT0007203	chr15	3941865	3942357	-	0.229387
AW549877	MmuINT0007204	chr15	3939687	3941717	-	0.098739
AW549877	MmuINT0007205	chr15	3938706	3939554	-	0.028382
AW549877	MmuINT0007206	chr15	3936480	3938590	-	0.08216
AW554918	MmuINT0007228	chr18	25333224	25333843	+	0.075723
AW554918	MmuINT0007229	chr18	25333987	25340555	+	0.032517
AW554918	MmuINT0007230	chr18	25340651	25362361	+	0.05926
AW554918	MmuINT0007231	chr18	25362478	25448439	+	0.214034
AW554918	MmuINT0007232	chr18	25448568	25498214	+	0.055507
AW554918	MmuINT0007233	chr18	25498886	25503364	+	0.054567
AW554918	MmuINT0007235	chr18	25558609	25578467	+	0.065661
AW555464	MmuINT0007237	chr12	1.14E+08	1.14E+08	+	0.045842
AW555464	MmuINT0007238	chr12	1.14E+08	1.14E+08	+	0.056498
AW555464	MmuINT0007239	chr12	1.14E+08	1.14E+08	+	0.080134
AW555464	MmuINT0007240	chr12	1.14E+08	1.14E+08	+	0.034517
AW555464	MmuINT0007241	chr12	1.14E+08	1.14E+08	+	0.020889
AW555464	MmuINT0007242	chr12	1.14E+08	1.14E+08	+	0.042829
AW555464	MmuINT0007243	chr12	1.14E+08	1.14E+08	+	0.061132
AW555464	MmuINT0007244	chr12	1.14E+08	1.14E+08	+	0.030171
AW555464	MmuINT0007245	chr12	1.14E+08	1.14E+08	+	0.023989
AW555464	MmuINT0007250	chr12	1.14E+08	1.14E+08	+	0.033183
AW555464	MmuINT0007251	chr12	1.14E+08	1.14E+08	+	0.060817
AW555464	MmuINT0007252	chr12	1.14E+08	1.14E+08	+	0.037841
AW555464	MmuINT0007253	chr12	1.14E+08	1.14E+08	+	0.047722
Aaas	MmuINT0007271	chr15	1.02E+08	1.02E+08	-	0.0387
Aaas	MmuINT0007272	chr15	1.02E+08	1.02E+08	-	0.056595
Aaas	MmuINT0007273	chr15	1.02E+08	1.02E+08	-	0.036758
Aaas	MmuINT0007274	chr15	1.02E+08	1.02E+08	-	0.08669
Aaas	MmuINT0007275	chr15	1.02E+08	1.02E+08	-	0.05843
Aaas	MmuINT0007276	chr15	1.02E+08	1.02E+08	-	0.096493



Aaas	MmuINT0007277	chr15	1.02E+08	1.02E+08	-	0.053114
Aaas	MmuINT0007278	chr15	1.02E+08	1.02E+08	-	0.11867
Aaas	MmuINT0007279	chr15	1.02E+08	1.02E+08	-	0.047666
Aaas	MmuINT0007280	chr15	1.02E+08	1.02E+08	-	0.069322
Aaas	MmuINT0007281	chr15	1.02E+08	1.02E+08	-	0.091976
Aaas	MmuINT0007283	chr15	1.02E+08	1.02E+08	-	0.021654
Aaas	MmuINT0007284	chr15	1.02E+08	1.02E+08	-	0.033928
Aaas	MmuINT0007285	chr15	1.02E+08	1.02E+08	-	0.023323
Aacs	MmuINT0007286	chr5	1.26E+08	1.26E+08	+	0.059299
Aacs	MmuINT0007287	chr5	1.26E+08	1.26E+08	+	0.058008
Aacs	MmuINT0007288	chr5	1.26E+08	1.26E+08	+	0.156401
Aacs	MmuINT0007289	chr5	1.26E+08	1.26E+08	+	0.082884
Aacs	MmuINT0007290	chr5	1.26E+08	1.26E+08	+	0.068004
Aacs	MmuINT0007291	chr5	1.26E+08	1.26E+08	+	0.100692
Aacs	MmuINT0007293	chr5	1.26E+08	1.26E+08	+	0.045587
Aacs	MmuINT0007294	chr5	1.26E+08	1.26E+08	+	0.07169
Aacs	MmuINT0007296	chr5	1.26E+08	1.26E+08	+	0.060107
Aacs	MmuINT0007297	chr5	1.26E+08	1.26E+08	+	0.06613
Aacs	MmuINT0007298	chr5	1.26E+08	1.26E+08	+	0.07054
Aacs	MmuINT0007299	chr5	1.26E+08	1.26E+08	+	0.057519
Aacs	MmuINT0007301	chr5	1.26E+08	1.26E+08	+	0.047128
Aacs	MmuINT0007302	chr5	1.26E+08	1.26E+08	+	0.033072
Aagab	MmuINT0007326	chr9	63450579	63464492	+	0.010037
Aagab	MmuINT0007327	chr9	63464684	63464794	+	0.008708
Aagab	MmuINT0007328	chr9	63464892	63465314	+	0.014067
Aagab	MmuINT0007329	chr9	63465405	63466954	+	0.014475
Aagab	MmuINT0007330	chr9	63467039	63483111	+	0.01507
Aagab	MmuINT0007331	chr9	63483195	63484190	+	0.031343
Aagab	MmuINT0007332	chr9	63484291	63486846	+	0.036872
Aagab	MmuINT0007333	chr9	63486952	63487399	+	0.022815
Aagab	MmuINT0007334	chr9	63487450	63488013	+	0.033621
Aak1	MmuINT0007337	chr6	86800210	86875007	+	0.015943
Aak1	MmuINT0007338	chr6	86905253	86906252	+	0.01071
Aak1	MmuINT0007340	chr6	86914220	86915470	+	0.047039
Aak1	MmuINT0007341	chr6	86915629	86917262	+	0.011538
Aak1	MmuINT0007342	chr6	86917368	86920984	+	0.031573
Aak1	MmuINT0007343	chr6	86921081	86931289	+	0.09111
Aak1	MmuINT0007344	chr6	86931392	86932535	+	0.151826
Aak1	MmuINT0007347	chr6	86936369	86937197	+	0.295886
Aak1	MmuINT0007348	chr6	86875127	86885423	+	0.016621
Aak1	MmuINT0007349	chr6	86885533	86886935	+	0.033965
Aak1	MmuINT0007350	chr6	86887079	86894350	+	0.015955
Aak1	MmuINT0007351	chr6	86894473	86896097	+	0.015837
Aak1	MmuINT0007352	chr6	86896180	86896854	+	0.02546
Aak1	MmuINT0007353	chr6	86896988	86899535	+	0.0166
Aak1	MmuINT0007354	chr6	86899640	86900774	+	0.014794
Aak1	MmuINT0007355	chr6	86900855	86905097	+	0.013504
Aamp	MmuINT0007356	chr1	74330619	74331076	-	0.276329
Aamp	MmuINT0007357	chr1	74326884	74327356	-	0.02689
Aamp	MmuINT0007358	chr1	74329125	74329667	-	0.004425

Aamp	MmuINT0007359	chr1	74328746	74328984	-	0.008538
Aamp	MmuINT0007360	chr1	74328394	74328600	-	0.017711
Aamp	MmuINT0007361	chr1	74328217	74328309	-	0.010218
Aamp	MmuINT0007362	chr1	74328007	74328100	-	0.010925
Aamp	MmuINT0007363	chr1	74327754	74327902	-	0.020112
Aamp	MmuINT0007364	chr1	74327512	74327662	-	0.007909
Aars	MmuINT0007371	chr8	1.14E+08	1.14E+08	+	0.01455
Aars	MmuINT0007372	chr8	1.14E+08	1.14E+08	+	0.004836
Aars	MmuINT0007373	chr8	1.14E+08	1.14E+08	+	0.003537
Aars	MmuINT0007374	chr8	1.14E+08	1.14E+08	+	0.00391
Aars	MmuINT0007375	chr8	1.14E+08	1.14E+08	+	0.007044
Aars	MmuINT0007376	chr8	1.14E+08	1.14E+08	+	0.006497
Aars	MmuINT0007377	chr8	1.14E+08	1.14E+08	+	0.025726
Aars	MmuINT0007378	chr8	1.14E+08	1.14E+08	+	0.010155
Aars	MmuINT0007379	chr8	1.14E+08	1.14E+08	+	0.008183
Aars	MmuINT0007380	chr8	1.14E+08	1.14E+08	+	0.007871
Aars	MmuINT0007381	chr8	1.14E+08	1.14E+08	+	0.007097
Aars	MmuINT0007382	chr8	1.14E+08	1.14E+08	+	0.003564
Aars	MmuINT0007383	chr8	1.14E+08	1.14E+08	+	0.009253
Aars	MmuINT0007384	chr8	1.14E+08	1.14E+08	+	0.004793
Aars	MmuINT0007385	chr8	1.14E+08	1.14E+08	+	0.00561
Aars	MmuINT0007386	chr8	1.14E+08	1.14E+08	+	0.006877
Aars	MmuINT0007387	chr8	1.14E+08	1.14E+08	+	0.005776
Aars	MmuINT0007388	chr8	1.14E+08	1.14E+08	+	0.006386
Aars	MmuINT0007389	chr8	1.14E+08	1.14E+08	+	0.00683
Aars	MmuINT0007390	chr8	1.14E+08	1.14E+08	+	0.005879
Aars2	MmuINT0007391	chr17	45644031	45644467	+	0.013369
Aars2	MmuINT0007392	chr17	45653028	45653401	+	0.030097
Aars2	MmuINT0007393	chr17	45653547	45653769	+	0.009907
Aars2	MmuINT0007394	chr17	45653943	45654050	+	0.011975
Aars2	MmuINT0007395	chr17	45654165	45654261	+	0.020743
Aars2	MmuINT0007396	chr17	45654403	45654641	+	0.027658
Aars2	MmuINT0007397	chr17	45654780	45654860	+	0.024388
Aars2	MmuINT0007398	chr17	45654971	45655098	+	0.020324
Aars2	MmuINT0007399	chr17	45655208	45655486	+	0.015407
Aars2	MmuINT0007400	chr17	45655610	45655803	+	0.028854
Aars2	MmuINT0007401	chr17	45655915	45656461	+	0.020637
Aars2	MmuINT0007402	chr17	45644660	45645429	+	0.009082
Aars2	MmuINT0007403	chr17	45656546	45656652	+	0.018227
Aars2	MmuINT0007404	chr17	45656764	45657234	+	0.040877
Aars2	MmuINT0007405	chr17	45645576	45645813	+	0.008336
Aars2	MmuINT0007406	chr17	45645982	45646344	+	0.008933
Aars2	MmuINT0007407	chr17	45646490	45651440	+	0.032372
Aars2	MmuINT0007408	chr17	45651587	45651733	+	0.016928
Aars2	MmuINT0007409	chr17	45651843	45652193	+	0.076915
Aars2	MmuINT0007410	chr17	45652233	45652348	+	0.028703
Aars2	MmuINT0007411	chr17	45652461	45652893	+	0.029589
Aarsd1	MmuINT0007412	chr11	1.01E+08	1.01E+08	-	0.006059
Aarsd1	MmuINT0007413	chr11	1.01E+08	1.01E+08	-	0.027608
Aarsd1	MmuINT0007414	chr11	1.01E+08	1.01E+08	-	0.020583

Aarsd1	MmuINT0007415	chr11	1.01E+08	1.01E+08	-	0.010969
Aarsd1	MmuINT0007416	chr11	1.01E+08	1.01E+08	-	0.015947
Aarsd1	MmuINT0007417	chr11	1.01E+08	1.01E+08	-	0.021626
Aarsd1	MmuINT0007418	chr11	1.01E+08	1.01E+08	-	0.010944
Aarsd1	MmuINT0007419	chr11	1.01E+08	1.01E+08	-	0.002857
Aarsd1	MmuINT0007421	chr11	1.01E+08	1.01E+08	-	0.008104
Aarsd1	MmuINT0007422	chr11	1.01E+08	1.01E+08	-	0.016575
Aasdh	MmuINT0007424	chr5	77313227	77315154	-	0.446672
Aasdh	MmuINT0007426	chr5	77309099	77311291	-	0.019348
Aasdh	MmuINT0007427	chr5	77307552	77308934	-	0.027963
Aasdh	MmuINT0007428	chr5	77306684	77307428	-	0.566293
Aasdh	MmuINT0007429	chr5	77305448	77306551	-	0.207198
Aasdh	MmuINT0007431	chr5	77330307	77330942	-	0.010098
Aasdh	MmuINT0007432	chr5	77325716	77330185	-	0.015599
Aasdh	MmuINT0007433	chr5	77320821	77325401	-	0.047471
Aasdh	MmuINT0007434	chr5	77317860	77320627	-	0.007128
Aasdh	MmuINT0007435	chr5	77317162	77317617	-	0.030071
Aasdh	MmuINT0007436	chr5	77316386	77317054	-	0.008284
Aasdhppt	MmuINT0007438	chr9	4308920	4309253	-	0.063181
Aasdhppt	MmuINT0007439	chr9	4303216	4308693	-	0.002895
Aasdhppt	MmuINT0007440	chr9	4302632	4303093	-	0.003485
Aasdhppt	MmuINT0007441	chr9	4299370	4302469	-	0.005034
Aasdhppt	MmuINT0007442	chr9	4296840	4299297	-	0.004419
Aatf	MmuINT0007466	chr11	84325832	84326793	-	0.018258
Aatf	MmuINT0007467	chr11	84259210	84262621	-	0.031536
Aatf	MmuINT0007468	chr11	84256140	84259128	-	0.02781
Aatf	MmuINT0007469	chr11	84236522	84256067	-	0.038583
Aatf	MmuINT0007472	chr11	84323299	84323700	-	0.019876
Aatf	MmuINT0007473	chr11	84286669	84323160	-	0.014349
Aatf	MmuINT0007474	chr11	84284789	84286553	-	0.01294
Aatf	MmuINT0007475	chr11	84284231	84284589	-	0.604541
Aatf	MmuINT0007476	chr11	84281047	84284065	-	0.015926
Aatf	MmuINT0007477	chr11	84262690	84280962	-	0.022887
Aatk	MmuINT0007482	chr11	1.2E+08	1.2E+08	-	0.537757
Abat	MmuINT0007493	chr16	8605754	8608948	+	0.019083
Abca1	MmuINT0007533	chr4	53072235	53073204	-	0.050945
Abca1	MmuINT0007539	chr4	53057111	53058646	-	0.038024
Abca1	MmuINT0007541	chr4	53055666	53056986	-	0.050789
Abca1	MmuINT0007545	chr4	53051633	53053590	-	0.043687
Abca1	MmuINT0007546	chr4	53051164	53051490	-	0.034873
Abca1	MmuINT0007547	chr4	53049849	53051028	-	0.043186
Abca1	MmuINT0007548	chr4	53049227	53049744	-	0.045871
Abca1	MmuINT0007549	chr4	53048453	53049133	-	0.062804
Abca1	MmuINT0007550	chr4	53046956	53048208	-	0.024357
Abca2	MmuINT0007792	chr2	25293111	25293184	+	0.010535
Abca2	MmuINT0007793	chr2	25293300	25293412	+	0.009983
Abca2	MmuINT0007794	chr2	25293604	25293750	+	0.007612
Abca2	MmuINT0007795	chr2	25293902	25293977	+	0.014024
Abca2	MmuINT0007796	chr2	25294183	25294320	+	0.015071
Abca2	MmuINT0007799	chr2	25294768	25294846	+	0.009497

Abca2	MmuINT0007800	chr2	25295060	25296044	+	0.014426
Abca2	MmuINT0007801	chr2	25296242	25296329	+	0.009166
Abca2	MmuINT0007802	chr2	25296513	25296707	+	0.023617
Abca2	MmuINT0007804	chr2	25297120	25297394	+	0.075844
Abca2	MmuINT0007805	chr2	25297632	25297710	+	0.06282
Abca2	MmuINT0007806	chr2	25297918	25298169	+	0.021296
Abca2	MmuINT0007807	chr2	25298273	25298354	+	0.011474
Abca2	MmuINT0007808	chr2	25298675	25298748	+	0.01047
Abca2	MmuINT0007810	chr2	25298963	25299048	+	0.005893
Abca2	MmuINT0007811	chr2	25299155	25299245	+	0.021332
Abca2	MmuINT0007812	chr2	25299358	25299446	+	0.011514
Abca2	MmuINT0007813	chr2	25299508	25299589	+	0.013294
Abca2	MmuINT0007814	chr2	25299765	25299844	+	0.053929
Abca2	MmuINT0007815	chr2	25299961	25300041	+	0.008261
Abca2	MmuINT0007816	chr2	25300190	25300333	+	0.008822
Abca2	MmuINT0007817	chr2	25300458	25300591	+	0.016168
Abca2	MmuINT0007818	chr2	25300725	25300827	+	0.012565
Abca2	MmuINT0007819	chr2	25300946	25301069	+	0.022876
Abca2	MmuINT0007821	chr2	25301249	25301489	+	0.050663
Abca2	MmuINT0007822	chr2	25301632	25301730	+	0.013814
Abca2	MmuINT0007823	chr2	25301866	25301957	+	0.015141
Abca2	MmuINT0007824	chr2	25302062	25302134	+	0.043514
Abca2	MmuINT0007825	chr2	25302228	25302310	+	0.028197
Abca2	MmuINT0007826	chr2	25302414	25302497	+	0.010633
Abca2	MmuINT0007827	chr2	25302636	25302719	+	0.005125
Abca2	MmuINT0007828	chr2	25302921	25303360	+	0.038973
Abca2	MmuINT0007832	chr2	25290778	25291018	+	0.008583
Abca3	MmuINT0007837	chr17	24514805	24518843	+	0.025842
Abca3	MmuINT0007838	chr17	24519026	24520844	+	0.07297
Abca3	MmuINT0007839	chr17	24520989	24521391	+	0.034837
Abca3	MmuINT0007840	chr17	24521522	24522342	+	0.019415
Abca3	MmuINT0007841	chr17	24522498	24522761	+	0.017999
Abca3	MmuINT0007842	chr17	24522918	24523126	+	0.024301
Abca3	MmuINT0007843	chr17	24523338	24524380	+	0.020899
Abca3	MmuINT0007844	chr17	24524532	24529832	+	0.021463
Abca3	MmuINT0007845	chr17	24529932	24533394	+	0.025902
Abca3	MmuINT0007847	chr17	24533582	24534230	+	0.021502
Abca3	MmuINT0007848	chr17	24534535	24535279	+	0.036868
Abca3	MmuINT0007849	chr17	24535554	24536829	+	0.110697
Abca3	MmuINT0007850	chr17	24537035	24537352	+	0.035691
Abca3	MmuINT0007851	chr17	24537573	24537738	+	0.023749
Abca3	MmuINT0007852	chr17	24537898	24539209	+	0.019103
Abca3	MmuINT0007853	chr17	24539383	24541969	+	0.201656
Abca3	MmuINT0007854	chr17	24542099	24542189	+	0.36556
Abca3	MmuINT0007855	chr17	24542385	24544502	+	0.215728
Abca3	MmuINT0007856	chr17	24544691	24545053	+	0.299615
Abca3	MmuINT0007859	chr17	24545673	24545769	+	0.198511
Abca3	MmuINT0007860	chr17	24545844	24546213	+	0.388494
Abca3	MmuINT0007862	chr17	24501903	24503030	+	0.028327
Abca4	MmuINT0007884	chr3	1.22E+08	1.22E+08	+	0.026735

Abca4	MmuINT0007885	chr3	1.22E+08	1.22E+08	+	0.050308
Abca4	MmuINT0007886	chr3	1.22E+08	1.22E+08	+	0.035803
Abca4	MmuINT0007887	chr3	1.22E+08	1.22E+08	+	0.043637
Abca4	MmuINT0007888	chr3	1.22E+08	1.22E+08	+	0.033492
Abca4	MmuINT0007890	chr3	1.22E+08	1.22E+08	+	0.02404
Abca4	MmuINT0007891	chr3	1.22E+08	1.22E+08	+	0.027426
Abca4	MmuINT0007892	chr3	1.22E+08	1.22E+08	+	0.033192
Abca4	MmuINT0007893	chr3	1.22E+08	1.22E+08	+	0.034373
Abca4	MmuINT0007894	chr3	1.22E+08	1.22E+08	+	0.035536
Abca4	MmuINT0007895	chr3	1.22E+08	1.22E+08	+	0.031054
Abca4	MmuINT0007896	chr3	1.22E+08	1.22E+08	+	0.041225
Abca4	MmuINT0007897	chr3	1.22E+08	1.22E+08	+	0.03711
Abca4	MmuINT0007898	chr3	1.22E+08	1.22E+08	+	0.033121
Abca4	MmuINT0007899	chr3	1.22E+08	1.22E+08	+	0.030817
Abca4	MmuINT0007901	chr3	1.22E+08	1.22E+08	+	0.056832
Abca4	MmuINT0007902	chr3	1.22E+08	1.22E+08	+	0.038387
Abca4	MmuINT0007903	chr3	1.22E+08	1.22E+08	+	0.022906
Abca4	MmuINT0007904	chr3	1.22E+08	1.22E+08	+	0.031304
Abca4	MmuINT0007905	chr3	1.22E+08	1.22E+08	+	0.027286
Abca4	MmuINT0007906	chr3	1.22E+08	1.22E+08	+	0.030618
Abca4	MmuINT0007907	chr3	1.22E+08	1.22E+08	+	0.039464
Abca4	MmuINT0007908	chr3	1.22E+08	1.22E+08	+	0.081105
Abca4	MmuINT0007909	chr3	1.22E+08	1.22E+08	+	0.042108
Abca4	MmuINT0007910	chr3	1.22E+08	1.22E+08	+	0.017588
Abca5	MmuINT0007925	chr11	1.1E+08	1.1E+08	-	0.049387
Abca5	MmuINT0007932	chr11	1.1E+08	1.1E+08	-	0.048079
Abca5	MmuINT0007934	chr11	1.1E+08	1.1E+08	-	0.046449
Abca5	MmuINT0007935	chr11	1.1E+08	1.1E+08	-	0.055435
Abca5	MmuINT0007936	chr11	1.1E+08	1.1E+08	-	0.027429
Abca5	MmuINT0007937	chr11	1.1E+08	1.1E+08	-	0.045683
Abca5	MmuINT0007939	chr11	1.1E+08	1.1E+08	-	0.040513
Abca5	MmuINT0007940	chr11	1.1E+08	1.1E+08	-	0.041133
Abca5	MmuINT0007941	chr11	1.1E+08	1.1E+08	-	0.048514
Abca5	MmuINT0007942	chr11	1.1E+08	1.1E+08	-	0.036756
Abca5	MmuINT0007943	chr11	1.1E+08	1.1E+08	-	0.053986
Abca5	MmuINT0007944	chr11	1.1E+08	1.1E+08	-	0.043731
Abca5	MmuINT0007945	chr11	1.1E+08	1.1E+08	-	0.067938
Abca5	MmuINT0007946	chr11	1.1E+08	1.1E+08	-	0.059828
Abca5	MmuINT0007947	chr11	1.1E+08	1.1E+08	-	0.034076
Abca5	MmuINT0007950	chr11	1.1E+08	1.1E+08	-	0.058519
Abca5	MmuINT0007952	chr11	1.1E+08	1.1E+08	-	0.041468
Abca6	MmuINT0007988	chr11	1.1E+08	1.1E+08	-	0.061285
Abca7	MmuINT0007990	chr10	79460426	79460513	+	0.056548
Abca7	MmuINT0007991	chr10	79463836	79464234	+	0.041712
Abca7	MmuINT0007992	chr10	79464465	79464779	+	0.238276
Abca7	MmuINT0007993	chr10	79464957	79465251	+	0.279122
Abca7	MmuINT0007994	chr10	79465475	79465575	+	0.036979
Abca7	MmuINT0007995	chr10	79465798	79465876	+	0.030628
Abca7	MmuINT0007996	chr10	79466079	79466541	+	0.039953
Abca7	MmuINT0007997	chr10	79466653	79467125	+	0.041686

Abca7	MmuINT0007998	chr10	79467298	79467463	+	0.147145
Abca7	MmuINT0007999	chr10	79467596	79467698	+	0.057463
Abca7	MmuINT0008000	chr10	79467839	79468387	+	0.044378
Abca7	MmuINT0008001	chr10	79460608	79460758	+	0.043041
Abca7	MmuINT0008002	chr10	79468526	79468732	+	0.028841
Abca7	MmuINT0008003	chr10	79468921	79468996	+	0.102571
Abca7	MmuINT0008004	chr10	79469055	79469177	+	0.033611
Abca7	MmuINT0008005	chr10	79469456	79469630	+	0.054734
Abca7	MmuINT0008006	chr10	79469668	79469880	+	0.105478
Abca7	MmuINT0008008	chr10	79470197	79470398	+	0.161129
Abca7	MmuINT0008009	chr10	79470524	79470607	+	0.03069
Abca7	MmuINT0008010	chr10	79470707	79470889	+	0.041164
Abca7	MmuINT0008011	chr10	79471178	79471283	+	0.06366
Abca7	MmuINT0008013	chr10	79471317	79471407	+	0.110356
Abca7	MmuINT0008014	chr10	79471586	79471672	+	0.065587
Abca7	MmuINT0008015	chr10	79471843	79472602	+	0.027379
Abca7	MmuINT0008016	chr10	79472781	79472895	+	0.04118
Abca7	MmuINT0008017	chr10	79473012	79473780	+	0.091054
Abca7	MmuINT0008018	chr10	79473926	79474019	+	0.033314
Abca7	MmuINT0008019	chr10	79474144	79474457	+	0.255879
Abca7	MmuINT0008020	chr10	79474588	79474659	+	0.231212
Abca7	MmuINT0008021	chr10	79474781	79474868	+	0.18964
Abca7	MmuINT0008022	chr10	79474932	79476056	+	0.030884
Abca7	MmuINT0008023	chr10	79461102	79461195	+	0.043298
Abca7	MmuINT0008024	chr10	79476164	79476363	+	0.099718
Abca7	MmuINT0008025	chr10	79476506	79476590	+	0.076756
Abca7	MmuINT0008026	chr10	79476726	79476973	+	0.132122
Abca7	MmuINT0008027	chr10	79477078	79477212	+	0.173437
Abca7	MmuINT0008028	chr10	79477306	79477691	+	0.053254
Abca7	MmuINT0008029	chr10	79477933	79478050	+	0.071831
Abca7	MmuINT0008032	chr10	79462337	79462425	+	0.058342
Abca7	MmuINT0008033	chr10	79462566	79463456	+	0.03636
Abca7	MmuINT0008034	chr10	79463574	79463667	+	0.037005
Abca8a	MmuINT0008040	chr11	1.1E+08	1.1E+08	-	0.101308
Abca8a	MmuINT0008042	chr11	1.1E+08	1.1E+08	-	0.013742
Abca8a	MmuINT0008043	chr11	1.1E+08	1.1E+08	-	0.040766
Abca8a	MmuINT0008044	chr11	1.1E+08	1.1E+08	-	0.010822
Abca8a	MmuINT0008045	chr11	1.1E+08	1.1E+08	-	0.069164
Abca8a	MmuINT0008047	chr11	1.1E+08	1.1E+08	-	0.008897
Abca8a	MmuINT0008048	chr11	1.1E+08	1.1E+08	-	0.009701
Abca8a	MmuINT0008049	chr11	1.1E+08	1.1E+08	-	0.01182
Abca8a	MmuINT0008050	chr11	1.1E+08	1.1E+08	-	0.020916
Abca8a	MmuINT0008051	chr11	1.1E+08	1.1E+08	-	0.050468
Abca8a	MmuINT0008052	chr11	1.1E+08	1.1E+08	-	0.020242
Abca8a	MmuINT0008053	chr11	1.1E+08	1.1E+08	-	0.016524
Abca8a	MmuINT0008054	chr11	1.1E+08	1.1E+08	-	0.016469
Abca8a	MmuINT0008055	chr11	1.1E+08	1.1E+08	-	0.038867
Abca8a	MmuINT0008056	chr11	1.1E+08	1.1E+08	-	0.026568
Abca8a	MmuINT0008058	chr11	1.1E+08	1.1E+08	-	0.036135
Abca8a	MmuINT0008059	chr11	1.1E+08	1.1E+08	-	0.019257

Abca8a	MmuINT0008060	chr11	1.1E+08	1.1E+08	-	0.020905
Abca8a	MmuINT0008061	chr11	1.1E+08	1.1E+08	-	0.009933
Abca8a	MmuINT0008062	chr11	1.1E+08	1.1E+08	-	0.038
Abca8a	MmuINT0008063	chr11	1.1E+08	1.1E+08	-	0.070539
Abca8a	MmuINT0008064	chr11	1.1E+08	1.1E+08	-	0.027973
Abca8a	MmuINT0008065	chr11	1.1E+08	1.1E+08	-	0.013401
Abca8a	MmuINT0008066	chr11	1.1E+08	1.1E+08	-	0.014981
Abca8a	MmuINT0008071	chr11	1.1E+08	1.1E+08	-	0.015439
Abca8b	MmuINT0008082	chr11	1.1E+08	1.1E+08	-	0.051977
Abca8b	MmuINT0008093	chr11	1.1E+08	1.1E+08	-	0.21122
Abca8b	MmuINT0008097	chr11	1.1E+08	1.1E+08	-	0.070855
Abca8b	MmuINT0008098	chr11	1.1E+08	1.1E+08	-	0.027567
Abca8b	MmuINT0008100	chr11	1.1E+08	1.1E+08	-	0.078273
Abca8b	MmuINT0008101	chr11	1.1E+08	1.1E+08	-	0.069355
Abca8b	MmuINT0008102	chr11	1.1E+08	1.1E+08	-	0.045697
Abca8b	MmuINT0008103	chr11	1.1E+08	1.1E+08	-	0.103804
Abca9	MmuINT0008120	chr11	1.1E+08	1.1E+08	-	0.049266
Abca9	MmuINT0008124	chr11	1.1E+08	1.1E+08	-	0.081128
Abca9	MmuINT0008125	chr11	1.1E+08	1.1E+08	-	0.042368
Abca9	MmuINT0008127	chr11	1.1E+08	1.1E+08	-	0.056113
Abca9	MmuINT0008129	chr11	1.1E+08	1.1E+08	-	0.050766
Abca9	MmuINT0008131	chr11	1.1E+08	1.1E+08	-	0.054581
Abca9	MmuINT0008132	chr11	1.1E+08	1.1E+08	-	0.029914
Abca9	MmuINT0008134	chr11	1.1E+08	1.1E+08	-	0.050209
Abca9	MmuINT0008135	chr11	1.1E+08	1.1E+08	-	0.041859
Abca9	MmuINT0008136	chr11	1.1E+08	1.1E+08	-	0.045684
Abca9	MmuINT0008137	chr11	1.1E+08	1.1E+08	-	0.100824
Abca9	MmuINT0008138	chr11	1.1E+08	1.1E+08	-	0.068273
Abca9	MmuINT0008139	chr11	1.1E+08	1.1E+08	-	0.029026
Abca9	MmuINT0008140	chr11	1.1E+08	1.1E+08	-	0.018228
Abca9	MmuINT0008141	chr11	1.1E+08	1.1E+08	-	0.129906
Abca9	MmuINT0008142	chr11	1.1E+08	1.1E+08	-	0.11515
Abcb10	MmuINT0008149	chr8	1.26E+08	1.27E+08	-	0.007391
Abcb10	MmuINT0008150	chr8	1.26E+08	1.26E+08	-	0.028736
Abcb10	MmuINT0008151	chr8	1.26E+08	1.26E+08	-	0.012318
Abcb10	MmuINT0008152	chr8	1.26E+08	1.26E+08	-	0.017678
Abcb10	MmuINT0008153	chr8	1.26E+08	1.26E+08	-	0.008399
Abcb10	MmuINT0008154	chr8	1.26E+08	1.26E+08	-	0.010202
Abcb10	MmuINT0008155	chr8	1.26E+08	1.26E+08	-	0.009129
Abcb10	MmuINT0008156	chr8	1.26E+08	1.26E+08	-	0.007891
Abcb10	MmuINT0008157	chr8	1.26E+08	1.26E+08	-	0.033143
Abcb10	MmuINT0008158	chr8	1.26E+08	1.26E+08	-	0.00814
Abcb10	MmuINT0008159	chr8	1.26E+08	1.26E+08	-	0.007534
Abcb10	MmuINT0008160	chr8	1.26E+08	1.26E+08	-	0.01547
Abcb1a	MmuINT0008188	chr5	8660223	8660661	+	0.035964
Abcb1a	MmuINT0008189	chr5	8701723	8701866	+	0.032632
Abcb1a	MmuINT0008190	chr5	8701978	8702152	+	0.02577
Abcb1a	MmuINT0008195	chr5	8715064	8715741	+	0.023894
Abcb1a	MmuINT0008196	chr5	8715889	8718978	+	0.024716
Abcb1a	MmuINT0008197	chr5	8719087	8719990	+	0.028097

Abcb1a	MmuINT0008198	chr5	8720069	8723158	+	0.052758
Abcb1a	MmuINT0008200	chr5	8723243	8726772	+	0.022154
Abcb1a	MmuINT0008201	chr5	8726977	8732291	+	0.028576
Abcb1a	MmuINT0008203	chr5	8733740	8737614	+	0.016843
Abcb1a	MmuINT0008204	chr5	8737772	8738694	+	0.0211
Abcb1a	MmuINT0008208	chr5	8664595	8674682	+	0.031279
Abcb1a	MmuINT0008212	chr5	8686299	8694065	+	0.030444
Abcb1a	MmuINT0008213	chr5	8694191	8698485	+	0.030371
Abcb1a	MmuINT0008214	chr5	8698658	8701608	+	0.022636
Abcb1b	MmuINT0008215	chr5	8798290	8798735	+	0.034917
Abcb1b	MmuINT0008217	chr5	8824298	8824472	+	0.03791
Abcb1b	MmuINT0008222	chr5	8827500	8827702	+	0.048111
Abcb1b	MmuINT0008225	chr5	8832272	8835027	+	0.057961
Abcb1b	MmuINT0008226	chr5	8798807	8805432	+	0.051725
Abcb1b	MmuINT0008228	chr5	8837795	8845747	+	0.047198
Abcb1b	MmuINT0008230	chr5	8849653	8851456	+	0.058697
Abcb1b	MmuINT0008231	chr5	8851614	8853428	+	0.07265
Abcb1b	MmuINT0008232	chr5	8853627	8861423	+	0.011549
Abcb1b	MmuINT0008235	chr5	8805482	8806007	+	0.038628
Abcb1b	MmuINT0008236	chr5	8806171	8810557	+	0.279955
Abcb1b	MmuINT0008237	chr5	8810616	8812654	+	0.207113
Abcb1b	MmuINT0008241	chr5	8821444	8823931	+	0.049849
Abcb4	MmuINT0008242	chr5	8893908	8894087	+	0.048382
Abcb4	MmuINT0008243	chr5	8918773	8920019	+	0.021542
Abcb4	MmuINT0008244	chr5	8920131	8920334	+	0.014063
Abcb4	MmuINT0008245	chr5	8920461	8927770	+	0.010732
Abcb4	MmuINT0008246	chr5	8927975	8928406	+	0.00769
Abcb4	MmuINT0008247	chr5	8928578	8930741	+	0.009873
Abcb4	MmuINT0008248	chr5	8930904	8934155	+	0.011191
Abcb4	MmuINT0008249	chr5	8934327	8935175	+	0.012079
Abcb4	MmuINT0008250	chr5	8935323	8936784	+	0.016904
Abcb4	MmuINT0008251	chr5	8936890	8938578	+	0.018529
Abcb4	MmuINT0008252	chr5	8938657	8939833	+	0.021154
Abcb4	MmuINT0008253	chr5	8894165	8896572	+	0.113952
Abcb4	MmuINT0008254	chr5	8939918	8940910	+	0.013351
Abcb4	MmuINT0008255	chr5	8941115	8946018	+	0.026224
Abcb4	MmuINT0008256	chr5	8946120	8947296	+	0.011051
Abcb4	MmuINT0008257	chr5	8947438	8949948	+	0.011302
Abcb4	MmuINT0008258	chr5	8950106	8950659	+	0.02468
Abcb4	MmuINT0008259	chr5	8950858	8955388	+	0.024969
Abcb4	MmuINT0008260	chr5	8955596	8958310	+	0.019557
Abcb4	MmuINT0008261	chr5	8958458	8958968	+	0.010174
Abcb4	MmuINT0008262	chr5	8896628	8899567	+	0.017312
Abcb4	MmuINT0008263	chr5	8899719	8905974	+	0.042677
Abcb4	MmuINT0008264	chr5	8906033	8907207	+	0.017396
Abcb4	MmuINT0008265	chr5	8907400	8909101	+	0.011185
Abcb4	MmuINT0008266	chr5	8909274	8910618	+	0.013966
Abcb4	MmuINT0008267	chr5	8910744	8914955	+	0.01679
Abcb4	MmuINT0008268	chr5	8915128	8918658	+	0.015509
Abcb6	MmuINT0008296	chr1	75175643	75176143	-	0.010468



Abcb6	MmuINT0008297	chr1	75170964	75171051	-	0.01248
Abcb6	MmuINT0008298	chr1	75170799	75170899	-	0.02109
Abcb6	MmuINT0008299	chr1	75170494	75170712	-	0.041691
Abcb6	MmuINT0008300	chr1	75170224	75170435	-	0.051182
Abcb6	MmuINT0008301	chr1	75169540	75170118	-	0.025265
Abcb6	MmuINT0008302	chr1	75169242	75169364	-	0.018567
Abcb6	MmuINT0008303	chr1	75168935	75169128	-	0.021142
Abcb6	MmuINT0008304	chr1	75168757	75168839	-	0.037452
Abcb6	MmuINT0008305	chr1	75168563	75168687	-	0.029527
Abcb6	MmuINT0008307	chr1	75174341	75174495	-	0.031403
Abcb6	MmuINT0008308	chr1	75174061	75174238	-	0.010821
Abcb6	MmuINT0008309	chr1	75172786	75173876	-	0.018421
Abcb6	MmuINT0008310	chr1	75172192	75172663	-	0.00888
Abcb6	MmuINT0008311	chr1	75171613	75172081	-	0.012741
Abcb6	MmuINT0008312	chr1	75171402	75171546	-	0.038067
Abcb6	MmuINT0008313	chr1	75171129	75171275	-	0.019006
Abcb7	MmuINT0008314	chrX	1.02E+08	1.02E+08	-	0.017093
Abcb7	MmuINT0008315	chrX	1.01E+08	1.01E+08	-	0.007584
Abcb7	MmuINT0008316	chrX	1.01E+08	1.01E+08	-	0.006908
Abcb7	MmuINT0008317	chrX	1.01E+08	1.01E+08	-	0.007381
Abcb7	MmuINT0008318	chrX	1.01E+08	1.01E+08	-	0.006617
Abcb7	MmuINT0008319	chrX	1.01E+08	1.01E+08	-	0.006939
Abcb7	MmuINT0008320	chrX	1.01E+08	1.01E+08	-	0.006704
Abcb7	MmuINT0008321	chrX	1.02E+08	1.02E+08	-	0.017196
Abcb7	MmuINT0008322	chrX	1.02E+08	1.02E+08	-	0.015901
Abcb7	MmuINT0008323	chrX	1.02E+08	1.02E+08	-	0.016538
Abcb7	MmuINT0008324	chrX	1.01E+08	1.02E+08	-	0.010788
Abcb7	MmuINT0008325	chrX	1.01E+08	1.01E+08	-	0.009505
Abcb7	MmuINT0008326	chrX	1.01E+08	1.01E+08	-	0.012839
Abcb7	MmuINT0008327	chrX	1.01E+08	1.01E+08	-	0.013087
Abcb7	MmuINT0008328	chrX	1.01E+08	1.01E+08	-	0.008223
Abcb8	MmuINT0008329	chr5	23900402	23905730	+	0.003452
Abcb8	MmuINT0008330	chr5	23911667	23911935	+	0.008044
Abcb8	MmuINT0008331	chr5	23912073	23912217	+	0.005216
Abcb8	MmuINT0008332	chr5	23912313	23912485	+	0.016515
Abcb8	MmuINT0008333	chr5	23912620	23913125	+	0.033063
Abcb8	MmuINT0008334	chr5	23913274	23914385	+	0.009059
Abcb8	MmuINT0008335	chr5	23914637	23915171	+	0.009186
Abcb8	MmuINT0008336	chr5	23906041	23906342	+	0.038507
Abcb8	MmuINT0008337	chr5	23906499	23906574	+	0.008127
Abcb8	MmuINT0008338	chr5	23906670	23906792	+	0.008389
Abcb8	MmuINT0008339	chr5	23906899	23907580	+	0.004668
Abcb8	MmuINT0008340	chr5	23907743	23907862	+	0.001879
Abcb8	MmuINT0008341	chr5	23907949	23908059	+	0.01286
Abcb8	MmuINT0008342	chr5	23908158	23908890	+	0.009817
Abcb8	MmuINT0008343	chr5	23908997	23911632	+	0.012584
Abcb9	MmuINT0008344	chr5	1.25E+08	1.25E+08	-	0.020622
Abcb9	MmuINT0008345	chr5	1.25E+08	1.25E+08	-	0.014664
Abcb9	MmuINT0008346	chr5	1.25E+08	1.25E+08	-	0.015773
Abcb9	MmuINT0008347	chr5	1.25E+08	1.25E+08	-	0.023684

Abcb9	MmuINT0008349	chr5	1.25E+08	1.25E+08	-	0.10183
Abcb9	MmuINT0008350	chr5	1.25E+08	1.25E+08	-	0.01616
Abcb9	MmuINT0008353	chr5	1.25E+08	1.25E+08	-	0.01234
Abcb9	MmuINT0008354	chr5	1.25E+08	1.25E+08	-	0.012376
Abcc1	MmuINT0008355	chr16	14361737	14389899	+	0.020168
Abcc1	MmuINT0008356	chr16	14413476	14419792	+	0.029649
Abcc1	MmuINT0008357	chr16	14419886	14423149	+	0.013071
Abcc1	MmuINT0008358	chr16	14423354	14436599	+	0.016404
Abcc1	MmuINT0008359	chr16	14436747	14437738	+	0.016057
Abcc1	MmuINT0008360	chr16	14437827	14440079	+	0.026884
Abcc1	MmuINT0008361	chr16	14440153	14443440	+	0.017453
Abcc1	MmuINT0008362	chr16	14443568	14445385	+	0.144921
Abcc1	MmuINT0008363	chr16	14445563	14447570	+	0.017279
Abcc1	MmuINT0008364	chr16	14447739	14448492	+	0.015627
Abcc1	MmuINT0008365	chr16	14448677	14457980	+	0.01311
Abcc1	MmuINT0008366	chr16	14390077	14391410	+	0.026087
Abcc1	MmuINT0008367	chr16	14458063	14459089	+	0.008805
Abcc1	MmuINT0008368	chr16	14459223	14459849	+	0.014843
Abcc1	MmuINT0008369	chr16	14460061	14460990	+	0.012524
Abcc1	MmuINT0008370	chr16	14461302	14465135	+	0.009404
Abcc1	MmuINT0008371	chr16	14465336	14466196	+	0.013158
Abcc1	MmuINT0008372	chr16	14466324	14467089	+	0.016362
Abcc1	MmuINT0008373	chr16	14467192	14467915	+	0.010908
Abcc1	MmuINT0008374	chr16	14468063	14470562	+	0.009559
Abcc1	MmuINT0008375	chr16	14470722	14472030	+	0.026536
Abcc1	MmuINT0008376	chr16	14472198	14472903	+	0.022089
Abcc1	MmuINT0008377	chr16	14391537	14394045	+	0.021161
Abcc1	MmuINT0008378	chr16	14473099	14473552	+	0.037965
Abcc1	MmuINT0008379	chr16	14394184	14396443	+	0.018088
Abcc1	MmuINT0008380	chr16	14396570	14404082	+	0.028823
Abcc1	MmuINT0008381	chr16	14404145	14405106	+	0.023805
Abcc1	MmuINT0008382	chr16	14405239	14410792	+	0.014055
Abcc1	MmuINT0008383	chr16	14411027	14411541	+	0.016486
Abcc1	MmuINT0008384	chr16	14411720	14413313	+	0.020802
Abcc10	MmuINT0008385	chr17	46449437	46449783	-	0.07526
Abcc10	MmuINT0008391	chr17	46442616	46442909	-	0.219686
Abcc10	MmuINT0008392	chr17	46441425	46442349	-	0.193436
Abcc10	MmuINT0008393	chr17	46441204	46441278	-	0.196634
Abcc10	MmuINT0008394	chr17	46440975	46441105	-	0.342507
Abcc10	MmuINT0008395	chr17	46460529	46460641	-	0.418353
Abcc10	MmuINT0008397	chr17	46459243	46460300	-	0.309816
Abcc3	MmuINT0008479	chr11	94218414	94218520	-	0.056603
Abcc4	MmuINT0008501	chr14	1.19E+08	1.19E+08	-	0.01829
Abcc4	MmuINT0008503	chr14	1.19E+08	1.19E+08	-	0.040199
Abcc4	MmuINT0008504	chr14	1.19E+08	1.19E+08	-	0.032249
Abcc4	MmuINT0008505	chr14	1.19E+08	1.19E+08	-	0.047968
Abcc4	MmuINT0008506	chr14	1.19E+08	1.19E+08	-	0.03361
Abcc4	MmuINT0008508	chr14	1.19E+08	1.19E+08	-	0.018976
Abcc4	MmuINT0008509	chr14	1.19E+08	1.19E+08	-	0.030667
Abcc4	MmuINT0008510	chr14	1.19E+08	1.19E+08	-	0.027045

Abcc4	MmuINT0008511	chr14	1.19E+08	1.19E+08	-	0.038525
Abcc4	MmuINT0008512	chr14	1.19E+08	1.19E+08	-	0.022352
Abcc4	MmuINT0008513	chr14	1.19E+08	1.19E+08	-	0.018592
Abcc4	MmuINT0008514	chr14	1.19E+08	1.19E+08	-	0.020357
Abcc4	MmuINT0008515	chr14	1.19E+08	1.19E+08	-	0.024862
Abcc4	MmuINT0008516	chr14	1.19E+08	1.19E+08	-	0.048713
Abcc4	MmuINT0008517	chr14	1.19E+08	1.19E+08	-	0.024497
Abcc4	MmuINT0008522	chr14	1.19E+08	1.19E+08	-	0.039381
Abcc5	MmuINT0008526	chr16	20389514	20392523	-	0.019837
Abcc5	MmuINT0008529	chr16	20376788	20378519	-	0.017765
Abcc5	MmuINT0008530	chr16	20375208	20376583	-	0.021693
Abcc5	MmuINT0008531	chr16	20372293	20375063	-	0.016388
Abcc5	MmuINT0008532	chr16	20369284	20372192	-	0.018084
Abcc5	MmuINT0008533	chr16	20368644	20369098	-	0.022981
Abcc5	MmuINT0008534	chr16	20368245	20368496	-	0.029564
Abcc5	MmuINT0008535	chr16	20366040	20368114	-	0.024317
Abcc5	MmuINT0008536	chr16	20365807	20365885	-	0.01933
Abcc5	MmuINT0008537	chr16	20364235	20365677	-	0.071902
Abcc5	MmuINT0008538	chr16	20362345	20364047	-	0.018738
Abcc5	MmuINT0008539	chr16	20357632	20362254	-	0.016374
Abcc5	MmuINT0008540	chr16	20344868	20357441	-	0.020833
Abcc5	MmuINT0008541	chr16	20339028	20344707	-	0.017487
Abcc5	MmuINT0008542	chr16	20335293	20338948	-	0.025515
Abcc5	MmuINT0008543	chr16	20333824	20335178	-	0.013485
Abcc5	MmuINT0008544	chr16	20332779	20333658	-	0.050963
Abcc5	MmuINT0008546	chr16	20399722	20399878	-	0.02562
Abcc5	MmuINT0008547	chr16	20399034	20399547	-	0.024331
Abcc5	MmuINT0008549	chr16	20396196	20397052	-	0.075824
Abcc5	MmuINT0008550	chr16	20422559	20426320	-	0.015186
Abcc5	MmuINT0008551	chr16	20405958	20422377	-	0.012711
Abcc5	MmuINT0008552	chr16	20405618	20405799	-	0.0123
Abcc5	MmuINT0008553	chr16	20404787	20405461	-	0.021705
Abcc5	MmuINT0008554	chr16	20402408	20404638	-	0.902243
Abcc5	MmuINT0008555	chr16	20401145	20402332	-	0.941333
Abcc8	MmuINT0008586	chr7	53433954	53435171	-	0.066539
Abcc8	MmuINT0008587	chr7	53394876	53406096	-	0.011207
Abcc8	MmuINT0008588	chr7	53393475	53394834	-	0.007741
Abcc8	MmuINT0008589	chr7	53392340	53393328	-	0.007046
Abcc8	MmuINT0008590	chr7	53392095	53392233	-	0.008166
Abcc8	MmuINT0008591	chr7	53391608	53391977	-	0.023407
Abcc8	MmuINT0008592	chr7	53390957	53391531	-	0.011648
Abcc8	MmuINT0008593	chr7	53382188	53390850	-	0.02664
Abcc8	MmuINT0008594	chr7	53380252	53382136	-	0.157938
Abcc8	MmuINT0008595	chr7	53379362	53380212	-	0.015817
Abcc8	MmuINT0008596	chr7	53378313	53379262	-	0.00756
Abcc8	MmuINT0008597	chr7	53430852	53433811	-	0.008418
Abcc8	MmuINT0008598	chr7	53377560	53378227	-	0.011018
Abcc8	MmuINT0008599	chr7	53375883	53377478	-	0.00984
Abcc8	MmuINT0008600	chr7	53374452	53375744	-	0.213181
Abcc8	MmuINT0008602	chr7	53372784	53373339	-	0.103684

Abcc8	MmuINT0008603	chr7	53372443	53372541	-	0.045802
Abcc8	MmuINT0008605	chr7	53370470	53371143	-	0.0189
Abcc8	MmuINT0008606	chr7	53368528	53370311	-	0.026998
Abcc8	MmuINT0008607	chr7	53365014	53368434	-	0.040661
Abcc8	MmuINT0008608	chr7	53425361	53430729	-	0.009465
Abcc8	MmuINT0008611	chr7	53363585	53363684	-	0.056002
Abcc8	MmuINT0008612	chr7	53362687	53363453	-	0.086912
Abcc8	MmuINT0008613	chr7	53362431	53362607	-	0.027617
Abcc8	MmuINT0008614	chr7	53362059	53362321	-	0.033641
Abcc8	MmuINT0008615	chr7	53361313	53361954	-	0.188126
Abcc8	MmuINT0008616	chr7	53360897	53361178	-	0.092458
Abcc8	MmuINT0008617	chr7	53360132	53360833	-	0.038648
Abcc8	MmuINT0008618	chr7	53422506	53425193	-	0.009665
Abcc8	MmuINT0008619	chr7	53421478	53422262	-	0.005713
Abcc8	MmuINT0008620	chr7	53412642	53421288	-	0.00678
Abcc8	MmuINT0008621	chr7	53409943	53412476	-	0.008195
Abcc8	MmuINT0008622	chr7	53407041	53409786	-	0.007123
Abcc8	MmuINT0008623	chr7	53406260	53406905	-	0.006603
Abcc9	MmuINT0008625	chr6	1.43E+08	1.43E+08	-	0.008419
Abcc9	MmuINT0008626	chr6	1.43E+08	1.43E+08	-	0.005869
Abcc9	MmuINT0008627	chr6	1.43E+08	1.43E+08	-	0.001984
Abcc9	MmuINT0008628	chr6	1.43E+08	1.43E+08	-	0.002786
Abcc9	MmuINT0008629	chr6	1.43E+08	1.43E+08	-	0.002934
Abcc9	MmuINT0008630	chr6	1.43E+08	1.43E+08	-	0.003449
Abcc9	MmuINT0008631	chr6	1.43E+08	1.43E+08	-	0.002906
Abcc9	MmuINT0008632	chr6	1.43E+08	1.43E+08	-	0.00496
Abcc9	MmuINT0008634	chr6	1.43E+08	1.43E+08	-	0.005784
Abcc9	MmuINT0008635	chr6	1.43E+08	1.43E+08	-	0.004734
Abcc9	MmuINT0008637	chr6	1.43E+08	1.43E+08	-	0.002881
Abcc9	MmuINT0008638	chr6	1.43E+08	1.43E+08	-	0.002537
Abcc9	MmuINT0008639	chr6	1.43E+08	1.43E+08	-	0.001534
Abcc9	MmuINT0008640	chr6	1.43E+08	1.43E+08	-	0.003383
Abcc9	MmuINT0008641	chr6	1.43E+08	1.43E+08	-	0.001842
Abcc9	MmuINT0008642	chr6	1.43E+08	1.43E+08	-	0.002196
Abcc9	MmuINT0008643	chr6	1.43E+08	1.43E+08	-	0.002535
Abcc9	MmuINT0008644	chr6	1.43E+08	1.43E+08	-	0.00252
Abcc9	MmuINT0008645	chr6	1.43E+08	1.43E+08	-	0.002796
Abcc9	MmuINT0008646	chr6	1.43E+08	1.43E+08	-	0.00213
Abcc9	MmuINT0008647	chr6	1.43E+08	1.43E+08	-	0.004687
Abcc9	MmuINT0008648	chr6	1.43E+08	1.43E+08	-	0.012006
Abcc9	MmuINT0008649	chr6	1.43E+08	1.43E+08	-	0.016347
Abcc9	MmuINT0008650	chr6	1.43E+08	1.43E+08	-	0.002556
Abcc9	MmuINT0008651	chr6	1.43E+08	1.43E+08	-	0.004947
Abcc9	MmuINT0008652	chr6	1.43E+08	1.43E+08	-	0.004622
Abcc9	MmuINT0008653	chr6	1.43E+08	1.43E+08	-	0.006968
Abcc9	MmuINT0008654	chr6	1.43E+08	1.43E+08	-	0.003027
Abcc9	MmuINT0008655	chr6	1.43E+08	1.43E+08	-	0.062652
Abcc9	MmuINT0008656	chr6	1.43E+08	1.43E+08	-	0.006994
Abcc9	MmuINT0008657	chr6	1.43E+08	1.43E+08	-	0.008091
Abcc9	MmuINT0008658	chr6	1.43E+08	1.43E+08	-	0.002314

Abcc9	MmuINT0008659	chr6	1.43E+08	1.43E+08	-	0.002839
Abcc9	MmuINT0008660	chr6	1.43E+08	1.43E+08	-	0.002621
Abcc9	MmuINT0008661	chr6	1.43E+08	1.43E+08	-	0.002049
Abcd1	MmuINT0008665	chrX	70963270	70966252	+	0.007872
Abcd1	MmuINT0008666	chrX	70966434	70974322	+	0.006857
Abcd1	MmuINT0008667	chrX	70974466	70974547	+	0.007113
Abcd1	MmuINT0008668	chrX	70974717	70976132	+	0.014629
Abcd1	MmuINT0008669	chrX	70976228	70979347	+	0.075263
Abcd1	MmuINT0008670	chrX	70979494	70979800	+	0.032682
Abcd1	MmuINT0008671	chrX	70979947	70982128	+	0.034017
Abcd1	MmuINT0008672	chrX	70982214	70982441	+	0.011371
Abcd1	MmuINT0008673	chrX	70982568	70982650	+	0.005364
Abcd3	MmuINT0008683	chr3	1.21E+08	1.22E+08	-	0.013552
Abcd3	MmuINT0008684	chr3	1.21E+08	1.21E+08	-	0.003711
Abcd3	MmuINT0008685	chr3	1.21E+08	1.21E+08	-	0.003618
Abcd3	MmuINT0008686	chr3	1.21E+08	1.21E+08	-	0.016569
Abcd3	MmuINT0008687	chr3	1.21E+08	1.21E+08	-	0.01246
Abcd3	MmuINT0008688	chr3	1.21E+08	1.21E+08	-	0.002144
Abcd3	MmuINT0008689	chr3	1.21E+08	1.21E+08	-	0.006736
Abcd3	MmuINT0008690	chr3	1.21E+08	1.21E+08	-	0.003904
Abcd3	MmuINT0008691	chr3	1.21E+08	1.21E+08	-	0.005004
Abcd3	MmuINT0008692	chr3	1.21E+08	1.21E+08	-	0.002858
Abcd3	MmuINT0008693	chr3	1.21E+08	1.21E+08	-	0.001713
Abcd3	MmuINT0008694	chr3	1.21E+08	1.21E+08	-	0.005854
Abcd3	MmuINT0008695	chr3	1.21E+08	1.21E+08	-	0.002621
Abcd3	MmuINT0008696	chr3	1.21E+08	1.21E+08	-	0.006076
Abcd3	MmuINT0008697	chr3	1.21E+08	1.21E+08	-	0.004575
Abcd3	MmuINT0008698	chr3	1.21E+08	1.21E+08	-	0.002621
Abcd3	MmuINT0008699	chr3	1.21E+08	1.21E+08	-	0.142596
Abcd3	MmuINT0008700	chr3	1.21E+08	1.21E+08	-	0.12322
Abcd3	MmuINT0008701	chr3	1.21E+08	1.21E+08	-	0.002214
Abcd3	MmuINT0008702	chr3	1.21E+08	1.21E+08	-	0.003826
Abcd3	MmuINT0008703	chr3	1.21E+08	1.21E+08	-	0.006756
Abcd3	MmuINT0008704	chr3	1.21E+08	1.21E+08	-	0.00481
Abcd4	MmuINT0008705	chr12	85956395	85958232	-	0.115478
Abcd4	MmuINT0008706	chr12	85949610	85949755	-	0.04317
Abcd4	MmuINT0008707	chr12	85947259	85949519	-	0.121546
Abcd4	MmuINT0008708	chr12	85946914	85947049	-	0.232817
Abcd4	MmuINT0008709	chr12	85946335	85946821	-	0.133485
Abcd4	MmuINT0008710	chr12	85945981	85946297	-	0.049036
Abcd4	MmuINT0008711	chr12	85945336	85945930	-	0.135918
Abcd4	MmuINT0008712	chr12	85944976	85945282	-	0.069086
Abcd4	MmuINT0008713	chr12	85944360	85944898	-	0.106729
Abcd4	MmuINT0008714	chr12	85944110	85944243	-	0.067762
Abcd4	MmuINT0008715	chr12	85956155	85956275	-	0.058391
Abcd4	MmuINT0008716	chr12	85954995	85956026	-	0.092685
Abcd4	MmuINT0008717	chr12	85953847	85954854	-	0.121424
Abcd4	MmuINT0008719	chr12	85952722	85953274	-	0.064758
Abcd4	MmuINT0008720	chr12	85950424	85952670	-	0.105818
Abcd4	MmuINT0008721	chr12	85950047	85950328	-	0.124088

Abcd4	MmuINT0008722	chr12	85949848	85949924	-	0.038664
Abce1	MmuINT0008723	chr8	82232452	82235441	-	0.004163
Abce1	MmuINT0008725	chr8	82213267	82214135	-	0.020664
Abce1	MmuINT0008726	chr8	82213083	82213206	-	0.012812
Abce1	MmuINT0008727	chr8	82211905	82213023	-	0.00709
Abce1	MmuINT0008729	chr8	82211463	82211562	-	0.008771
Abce1	MmuINT0008730	chr8	82209956	82211339	-	0.008259
Abce1	MmuINT0008732	chr8	82231219	82232321	-	0.007632
Abce1	MmuINT0008733	chr8	82227001	82231132	-	0.003089
Abce1	MmuINT0008734	chr8	82225791	82226902	-	0.001713
Abce1	MmuINT0008735	chr8	82225152	82225672	-	0.016678
Abce1	MmuINT0008736	chr8	82224882	82225013	-	0.002075
Abce1	MmuINT0008737	chr8	82224582	82224811	-	0.004289
Abce1	MmuINT0008738	chr8	82223336	82224484	-	0.019407
Abcf1	MmuINT0008740	chr17	36102069	36106590	-	0.007573
Abcf1	MmuINT0008741	chr17	36098175	36098645	-	0.003362
Abcf1	MmuINT0008742	chr17	36097900	36097987	-	0.002804
Abcf1	MmuINT0008743	chr17	36097675	36097759	-	0.003993
Abcf1	MmuINT0008744	chr17	36097143	36097525	-	0.002607
Abcf1	MmuINT0008745	chr17	36096938	36097058	-	0.003706
Abcf1	MmuINT0008746	chr17	36096666	36096812	-	0.00185
Abcf1	MmuINT0008747	chr17	36096249	36096380	-	0.001099
Abcf1	MmuINT0008748	chr17	36096085	36096173	-	0.003945
Abcf1	MmuINT0008749	chr17	36095303	36096013	-	0.016219
Abcf1	MmuINT0008750	chr17	36095187	36095269	-	0.002209
Abcf1	MmuINT0008751	chr17	36101286	36102021	-	0.005412
Abcf1	MmuINT0008752	chr17	36094852	36095017	-	0.008685
Abcf1	MmuINT0008753	chr17	36094697	36094786	-	0.002016
Abcf1	MmuINT0008754	chr17	36094535	36094623	-	0.002631
Abcf1	MmuINT0008755	chr17	36100992	36101198	-	0.002466
Abcf1	MmuINT0008756	chr17	36100741	36100861	-	0.002948
Abcf1	MmuINT0008757	chr17	36100625	36100702	-	0.008815
Abcf1	MmuINT0008758	chr17	36100338	36100513	-	0.002865
Abcf1	MmuINT0008759	chr17	36100182	36100265	-	0.009567
Abcf1	MmuINT0008760	chr17	36099030	36100070	-	0.004301
Abcf1	MmuINT0008761	chr17	36098769	36098930	-	0.003983
Abcf2	MmuINT0008762	chr5	24082546	24083164	-	0.005063
Abcf2	MmuINT0008763	chr5	24073382	24074022	-	0.024355
Abcf2	MmuINT0008764	chr5	24073131	24073318	-	0.005783
Abcf2	MmuINT0008765	chr5	24072501	24073001	-	0.012959
Abcf2	MmuINT0008766	chr5	24071822	24072296	-	0.003121
Abcf2	MmuINT0008767	chr5	24080198	24082336	-	0.005217
Abcf2	MmuINT0008769	chr5	24077065	24077820	-	0.00344
Abcf2	MmuINT0008770	chr5	24074985	24076961	-	0.012341
Abcf2	MmuINT0008771	chr5	24074676	24074888	-	0.005413
Abcf2	MmuINT0008772	chr5	24074475	24074555	-	0.008677
Abcf2	MmuINT0008773	chr5	24074134	24074384	-	0.031699
Abcf3	MmuINT0008774	chr16	20548819	20549038	+	0.00602
Abcf3	MmuINT0008775	chr16	20551936	20552034	+	0.008249
Abcf3	MmuINT0008776	chr16	20552058	20552171	+	0.008718

Abcf3	MmuINT0008777	chr16	20552228	20552331	+	0.010816
Abcf3	MmuINT0008778	chr16	20552533	20552626	+	0.003871
Abcf3	MmuINT0008779	chr16	20552704	20558632	+	0.009568
Abcf3	MmuINT0008780	chr16	20558678	20558769	+	0.03145
Abcf3	MmuINT0008781	chr16	20558903	20559363	+	0.06008
Abcf3	MmuINT0008782	chr16	20559453	20559713	+	0.010755
Abcf3	MmuINT0008783	chr16	20559806	20559987	+	0.004652
Abcf3	MmuINT0008784	chr16	20560121	20560255	+	0.005151
Abcf3	MmuINT0008785	chr16	20549187	20549307	+	0.005709
Abcf3	MmuINT0008786	chr16	20560344	20560429	+	0.017069
Abcf3	MmuINT0008787	chr16	20549388	20549816	+	0.012165
Abcf3	MmuINT0008788	chr16	20549864	20550076	+	0.014673
Abcf3	MmuINT0008789	chr16	20550175	20550274	+	0.007492
Abcf3	MmuINT0008790	chr16	20550398	20550493	+	0.006167
Abcf3	MmuINT0008791	chr16	20550761	20551546	+	0.049703
Abcf3	MmuINT0008792	chr16	20551628	20551716	+	0.009292
Abcf3	MmuINT0008793	chr16	20551777	20551878	+	0.007604
Abcg1	MmuINT0008794	chr17	31194802	31201329	+	0.055133
Abcg1	MmuINT0008796	chr17	31246597	31247901	+	0.057768
Abcg1	MmuINT0008798	chr17	31248325	31249873	+	0.061483
Abcg1	MmuINT0008799	chr17	31249993	31251001	+	0.045906
Abcg2	MmuINT0008808	chr6	58547103	58605631	+	0.025714
Abcg2	MmuINT0008809	chr6	58628353	58633223	+	0.029218
Abcg2	MmuINT0008810	chr6	58633314	58634326	+	0.020969
Abcg2	MmuINT0008811	chr6	58634452	58635660	+	0.054863
Abcg2	MmuINT0008812	chr6	58635816	58639548	+	0.027256
Abcg2	MmuINT0008813	chr6	58639639	58640524	+	0.016228
Abcg2	MmuINT0008814	chr6	58640614	58642236	+	0.018745
Abcg2	MmuINT0008815	chr6	58605851	58613607	+	0.013591
Abcg2	MmuINT0008816	chr6	58613668	58614437	+	0.021165
Abcg2	MmuINT0008817	chr6	58614553	58615097	+	0.04284
Abcg2	MmuINT0008818	chr6	58615251	58616875	+	0.071318
Abcg2	MmuINT0008819	chr6	58617034	58619180	+	0.024223
Abcg2	MmuINT0008820	chr6	58619333	58622003	+	0.032563
Abcg2	MmuINT0008821	chr6	58622109	58624561	+	0.016355
Abcg2	MmuINT0008822	chr6	58624813	58628269	+	0.054411
Abhd1	MmuINT0008876	chr5	31255419	31255715	+	0.761916
Abhd1	MmuINT0008877	chr5	31255899	31256039	+	0.661185
Abhd1	MmuINT0008878	chr5	31256086	31256251	+	0.798938
Abhd1	MmuINT0008879	chr5	31256365	31256463	+	0.790129
Abhd1	MmuINT0008880	chr5	31256639	31256777	+	0.492136
Abhd1	MmuINT0008881	chr5	31256827	31256906	+	0.636337
Abhd1	MmuINT0008882	chr5	31257073	31257188	+	0.381721
Abhd10	MmuINT0008883	chr16	45740616	45742889	-	0.012962
Abhd10	MmuINT0008884	chr16	45737749	45740431	-	0.0125
Abhd10	MmuINT0008885	chr16	45737144	45737636	-	0.008489
Abhd10	MmuINT0008886	chr16	45732073	45737005	-	0.055047
Abhd11	MmuINT0008887	chr5	1.35E+08	1.35E+08	+	0.002097
Abhd11	MmuINT0008888	chr5	1.35E+08	1.35E+08	+	0.024087
Abhd11	MmuINT0008889	chr5	1.35E+08	1.35E+08	+	0.013945

Abhd11	MmuINT0008890	chr5	1.35E+08	1.35E+08	+	0.015085
Abhd12	MmuINT0008892	chr2	1.51E+08	1.51E+08	-	0.006381
Abhd12	MmuINT0008893	chr2	1.51E+08	1.51E+08	-	0.109657
Abhd12	MmuINT0008894	chr2	1.51E+08	1.51E+08	-	0.095244
Abhd12	MmuINT0008895	chr2	1.51E+08	1.51E+08	-	0.062842
Abhd12	MmuINT0008896	chr2	1.51E+08	1.51E+08	-	0.004642
Abhd12	MmuINT0008897	chr2	1.51E+08	1.51E+08	-	0.00382
Abhd12	MmuINT0008898	chr2	1.51E+08	1.51E+08	-	0.007586
Abhd12	MmuINT0008899	chr2	1.51E+08	1.51E+08	-	0.02027
Abhd12	MmuINT0008900	chr2	1.51E+08	1.51E+08	-	0.012977
Abhd12	MmuINT0008901	chr2	1.51E+08	1.51E+08	-	0.021387
Abhd12	MmuINT0008902	chr2	1.51E+08	1.51E+08	-	0.01185
Abhd12	MmuINT0008903	chr2	1.51E+08	1.51E+08	-	0.033328
Abhd14a	MmuINT0008920	chr9	1.06E+08	1.06E+08	-	0.077379
Abhd14a	MmuINT0008921	chr9	1.06E+08	1.06E+08	-	0.015022
Abhd14a	MmuINT0008922	chr9	1.06E+08	1.06E+08	-	0.673964
Abhd14b	MmuINT0008924	chr9	1.06E+08	1.06E+08	+	0.258756
Abhd14b	MmuINT0008925	chr9	1.06E+08	1.06E+08	+	0.296543
Abhd14b	MmuINT0008926	chr9	1.06E+08	1.06E+08	+	0.194437
Abhd2	MmuINT0008928	chr7	86418226	86439393	+	0.031391
Abhd2	MmuINT0008929	chr7	86503036	86504845	+	0.020015
Abhd2	MmuINT0008930	chr7	86439494	86441893	+	0.025736
Abhd2	MmuINT0008931	chr7	86442094	86468354	+	0.017757
Abhd2	MmuINT0008932	chr7	86468531	86470319	+	0.026181
Abhd2	MmuINT0008933	chr7	86470488	86493145	+	0.02156
Abhd2	MmuINT0008934	chr7	86493330	86495636	+	0.037586
Abhd2	MmuINT0008935	chr7	86495730	86498875	+	0.014461
Abhd2	MmuINT0008936	chr7	86498987	86500687	+	0.026577
Abhd2	MmuINT0008937	chr7	86500758	86502950	+	0.03046
Abhd3	MmuINT0008939	chr18	10704729	10705998	-	0.021238
Abhd3	MmuINT0008940	chr18	10682113	10704545	-	0.032413
Abhd3	MmuINT0008945	chr18	10645234	10647723	-	0.020037
Abhd4	MmuINT0008946	chr14	54878995	54881300	+	0.143766
Abhd4	MmuINT0008947	chr14	54881390	54882325	+	0.00741
Abhd4	MmuINT0008948	chr14	54882699	54882843	+	0.02836
Abhd4	MmuINT0008949	chr14	54882999	54884955	+	0.042905
Abhd4	MmuINT0008950	chr14	54885068	54886669	+	0.007634
Abhd4	MmuINT0008951	chr14	54886857	54887442	+	0.005705
Abhd5	MmuINT0008952	chr9	1.22E+08	1.22E+08	+	0.008577
Abhd5	MmuINT0008953	chr9	1.22E+08	1.22E+08	+	0.005117
Abhd5	MmuINT0008954	chr9	1.22E+08	1.22E+08	+	0.005124
Abhd5	MmuINT0008955	chr9	1.22E+08	1.22E+08	+	0.004067
Abhd5	MmuINT0008956	chr9	1.22E+08	1.22E+08	+	0.004127
Abhd5	MmuINT0008957	chr9	1.22E+08	1.22E+08	+	0.011012
Abhd6	MmuINT0008958	chr14	8835478	8860750	+	0.038506
Abhd6	MmuINT0008959	chr14	8860904	8872261	+	0.040055
Abhd6	MmuINT0008960	chr14	8872419	8873632	+	0.017998
Abhd6	MmuINT0008961	chr14	8873747	8875207	+	0.016616
Abhd6	MmuINT0008962	chr14	8875341	8877981	+	0.014317
Abhd6	MmuINT0008963	chr14	8878140	8882087	+	0.00746



Abhd6	MmuINT0008964	chr14	8882143	8882321	+	0.005331
Abhd8	MmuINT0008966	chr8	73985872	73987364	-	0.021122
Abhd8	MmuINT0008967	chr8	73982448	73985144	-	0.026048
Abhd8	MmuINT0008968	chr8	73982154	73982276	-	0.013586
Abhd8	MmuINT0008969	chr8	73981277	73981936	-	0.015757
Abi1	MmuINT0008972	chr2	22850211	22895468	-	0.012891
Abi1	MmuINT0008973	chr2	22826780	22850042	-	0.01398
Abi1	MmuINT0008974	chr2	22818022	22826602	-	0.186234
Abi1	MmuINT0008975	chr2	22816368	22817920	-	0.013973
Abi1	MmuINT0008976	chr2	22812639	22816226	-	0.014012
Abi1	MmuINT0008977	chr2	22802282	22808954	-	0.349129
Abi1	MmuINT0008978	chr2	22797568	22802095	-	0.016805
Abi2	MmuINT0008983	chr1	60466764	60491086	+	0.035714
Abi2	MmuINT0008984	chr1	60527684	60533583	+	0.142706
Abi2	MmuINT0008986	chr1	60491255	60493899	+	0.035234
Abi2	MmuINT0008989	chr1	60500927	60504103	+	0.044622
Abi2	MmuINT0008990	chr1	60504251	60504921	+	0.075268
Abi2	MmuINT0008992	chr1	60510607	60527509	+	0.059517
Abi3	MmuINT0008995	chr11	95697269	95698383	-	0.144142
Abi3	MmuINT0008996	chr11	95695706	95697091	-	0.018483
Abi3	MmuINT0008997	chr11	95695413	95695619	-	0.109092
Abi3	MmuINT0008998	chr11	95695115	95695316	-	0.025112
Abi3	MmuINT0008999	chr11	95694649	95694953	-	0.02683
Abi3	MmuINT0009000	chr11	95694191	95694522	-	0.014544
Abi3bp	MmuINT0009030	chr16	56668507	56671351	+	0.057324
Abi3bp	MmuINT0009035	chr16	56677947	56685813	+	0.060884
Abi3bp	MmuINT0009036	chr16	56685894	56686554	+	0.08258
Abi3bp	MmuINT0009038	chr16	56687235	56688176	+	0.048317
Abl1	MmuINT0009046	chr2	31545463	31633853	+	0.059063
Abl1	MmuINT0009047	chr2	31653248	31655725	+	0.176881
Abl1	MmuINT0009048	chr2	31634028	31634440	+	0.006489
Abl1	MmuINT0009049	chr2	31634737	31640026	+	0.00904
Abl1	MmuINT0009050	chr2	31640300	31645790	+	0.024255
Abl1	MmuINT0009051	chr2	31645876	31646181	+	0.008501
Abl1	MmuINT0009052	chr2	31646360	31647757	+	0.01041
Abl1	MmuINT0009053	chr2	31647943	31650061	+	0.010165
Abl1	MmuINT0009054	chr2	31650215	31652492	+	0.106088
Abl1	MmuINT0009055	chr2	31652583	31653082	+	0.00896
Abl2	MmuINT0009057	chr1	1.59E+08	1.59E+08	+	0.799318
Abl2	MmuINT0009059	chr1	1.59E+08	1.59E+08	+	0.036762
Abl2	MmuINT0009060	chr1	1.59E+08	1.59E+08	+	0.054451
Abl2	MmuINT0009061	chr1	1.59E+08	1.59E+08	+	0.035013
Abl2	MmuINT0009062	chr1	1.59E+08	1.59E+08	+	0.032741
Abl2	MmuINT0009063	chr1	1.59E+08	1.59E+08	+	0.0339
Abl2	MmuINT0009064	chr1	1.59E+08	1.59E+08	+	0.057536
Abl2	MmuINT0009065	chr1	1.59E+08	1.59E+08	+	0.024914
Abl2	MmuINT0009066	chr1	1.59E+08	1.59E+08	+	0.027112
Abl2	MmuINT0009067	chr1	1.59E+08	1.59E+08	+	0.129994
Ablim1	MmuINT0009068	chr19	57247950	57271788	-	0.001905
Ablim1	MmuINT0009069	chr19	57138292	57142580	-	0.002147

Ablim1	MmuINT0009070	chr19	57135873	57138255	-	0.002033
Ablim1	MmuINT0009071	chr19	57125725	57135742	-	0.069469
Ablim1	MmuINT0009073	chr19	57121556	57123951	-	0.478994
Ablim1	MmuINT0009074	chr19	57119463	57121414	-	0.051376
Ablim1	MmuINT0009075	chr19	57118389	57119370	-	0.001789
Ablim1	MmuINT0009076	chr19	57117552	57118285	-	0.002274
Ablim1	MmuINT0009077	chr19	57116466	57117486	-	0.001396
Ablim1	MmuINT0009079	chr19	57229826	57247814	-	0.00148
Ablim1	MmuINT0009080	chr19	57113978	57114976	-	0.013388
Ablim1	MmuINT0009081	chr19	57111828	57113896	-	0.00694
Ablim1	MmuINT0009082	chr19	57226873	57229641	-	0.001524
Ablim1	MmuINT0009083	chr19	57209199	57226762	-	0.002306
Ablim1	MmuINT0009084	chr19	57207446	57209071	-	0.002009
Ablim1	MmuINT0009085	chr19	57158094	57207351	-	0.002703
Ablim1	MmuINT0009086	chr19	57154362	57158005	-	0.00227
Ablim1	MmuINT0009087	chr19	57143428	57154302	-	0.189042
Ablim1	MmuINT0009088	chr19	57142737	57143349	-	0.001166
Ablim1	MmuINT0009092	chr19	57148393	57151903	-	0.081693
Ablim2	MmuINT0009104	chr5	36100710	36141101	+	0.012434
Ablim2	MmuINT0009105	chr5	36179747	36183929	+	0.012314
Ablim2	MmuINT0009106	chr5	36184051	36191452	+	0.854614
Ablim2	MmuINT0009107	chr5	36191555	36192164	+	0.012068
Ablim2	MmuINT0009108	chr5	36192219	36199776	+	0.01823
Ablim2	MmuINT0009109	chr5	36199830	36200474	+	0.016629
Ablim2	MmuINT0009110	chr5	36200614	36209353	+	0.040205
Ablim2	MmuINT0009111	chr5	36209416	36215818	+	0.124904
Ablim2	MmuINT0009112	chr5	36215874	36217281	+	0.065476
Ablim2	MmuINT0009113	chr5	36217290	36217481	+	0.017654
Ablim2	MmuINT0009114	chr5	36217563	36225954	+	0.010049
Ablim2	MmuINT0009115	chr5	36141246	36145008	+	0.014051
Ablim2	MmuINT0009116	chr5	36145193	36149687	+	0.011043
Ablim2	MmuINT0009117	chr5	36149804	36151831	+	0.014883
Ablim2	MmuINT0009118	chr5	36151959	36154774	+	0.067791
Ablim2	MmuINT0009119	chr5	36154869	36166673	+	0.017902
Ablim2	MmuINT0009120	chr5	36166762	36170772	+	0.026219
Ablim2	MmuINT0009122	chr5	36175780	36179596	+	0.012037
Ablim3	MmuINT0009123	chr18	62070986	62071332	-	0.310319
Ablim3	MmuINT0009128	chr18	61973987	61976575	-	0.028726
Ablim3	MmuINT0009129	chr18	61973261	61973851	-	0.029173
Ablim3	MmuINT0009130	chr18	61971113	61973195	-	0.019908
Ablim3	MmuINT0009131	chr18	61968616	61970964	-	0.136138
Ablim3	MmuINT0009132	chr18	61968093	61968585	-	0.279185
Ablim3	MmuINT0009133	chr18	61966102	61968033	-	0.005755
Ablim3	MmuINT0009134	chr18	62016840	62031219	-	0.009223
Ablim3	MmuINT0009135	chr18	61965299	61966040	-	0.004654
Ablim3	MmuINT0009136	chr18	61964801	61965290	-	0.067583
Ablim3	MmuINT0009137	chr18	61961063	61964719	-	0.048927
Ablim3	MmuINT0009138	chr18	62014970	62016655	-	0.007805
Ablim3	MmuINT0009139	chr18	62009079	62014856	-	0.009825
Ablim3	MmuINT0009140	chr18	62005538	62008951	-	0.007096

Ablim3	MmuINT0009141	chr18	61999432	62005443	-	0.011986
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Abr	MmuINT0009166	chr11	76269739	76270101	-	0.024851
Abr	MmuINT0009167	chr11	76269216	76269662	-	0.034055
Abr	MmuINT0009168	chr11	76268093	76269110	-	0.019532
Abr	MmuINT0009169	chr11	76265931	76268017	-	0.017059
Abr	MmuINT0009172	chr11	76238526	76238768	-	0.039148
Abr	MmuINT0009173	chr11	76237676	76238415	-	0.016235
Abr	MmuINT0009174	chr11	76236685	76237535	-	0.012434
Abr	MmuINT0009175	chr11	76235761	76236549	-	0.05435
Abr	MmuINT0009176	chr11	76292683	76299939	-	0.021629
Abr	MmuINT0009177	chr11	76233385	76235654	-	0.02775
Abr	MmuINT0009178	chr11	76232696	76233236	-	0.041298
Abr	MmuINT0009179	chr11	76286099	76292496	-	0.025133
Abr	MmuINT0009180	chr11	76282279	76285990	-	0.027768
Abr	MmuINT0009182	chr11	76277171	76277739	-	0.023763
Abr	MmuINT0009183	chr11	76274917	76277029	-	0.028783
Abr	MmuINT0009184	chr11	76272849	76274794	-	0.023982
Abr	MmuINT0009185	chr11	76270225	76272682	-	0.020073
Abra	MmuINT0009186	chr15	41697899	41700564	-	0.007481
Abt1	MmuINT0009187	chr13	23514552	23515454	-	0.015191
Abt1	MmuINT0009188	chr13	23514205	23514351	-	0.020026
Abtb1	MmuINT0009189	chr6	88790895	88791762	-	0.048321
Abtb1	MmuINT0009190	chr6	88786720	88788111	-	0.228814
Abtb1	MmuINT0009191	chr6	88786447	88786518	-	0.035613
Abtb1	MmuINT0009192	chr6	88790760	88790831	-	0.061783
Abtb1	MmuINT0009193	chr6	88789766	88790703	-	0.083973
Abtb1	MmuINT0009194	chr6	88789485	88789620	-	0.024061
Abtb1	MmuINT0009195	chr6	88789225	88789324	-	0.078019
Abtb1	MmuINT0009196	chr6	88788956	88789178	-	0.136853
Abtb1	MmuINT0009197	chr6	88788751	88788838	-	0.017124
Abtb1	MmuINT0009198	chr6	88788473	88788631	-	0.01002
Abtb1	MmuINT0009199	chr6	88788280	88788373	-	0.011078
Abtb2	MmuINT0009200	chr2	1.03E+08	1.04E+08	+	0.010459
Abtb2	MmuINT0009201	chr2	1.04E+08	1.04E+08	+	0.010244
Abtb2	MmuINT0009202	chr2	1.04E+08	1.04E+08	+	0.008275
Abtb2	MmuINT0009203	chr2	1.04E+08	1.04E+08	+	0.008239
Abtb2	MmuINT0009204	chr2	1.04E+08	1.04E+08	+	0.008722
Abtb2	MmuINT0009205	chr2	1.04E+08	1.04E+08	+	0.025545
Abtb2	MmuINT0009206	chr2	1.04E+08	1.04E+08	+	0.010355
Abtb2	MmuINT0009207	chr2	1.04E+08	1.04E+08	+	0.009669
Abtb2	MmuINT0009208	chr2	1.04E+08	1.04E+08	+	0.012996
Abtb2	MmuINT0009209	chr2	1.04E+08	1.04E+08	+	0.010777
Abtb2	MmuINT0009210	chr2	1.04E+08	1.04E+08	+	0.010455
Abtb2	MmuINT0009211	chr2	1.04E+08	1.04E+08	+	0.012156
Abtb2	MmuINT0009212	chr2	1.04E+08	1.04E+08	+	0.007564
Abtb2	MmuINT0009213	chr2	1.04E+08	1.04E+08	+	0.015368
Abtb2	MmuINT0009214	chr2	1.04E+08	1.04E+08	+	0.017227
Abtb2	MmuINT0009215	chr2	1.04E+08	1.04E+08	+	0.012146

Acaa1a	MmuINT0009216	chr9	1.19E+08	1.19E+08	+	0.009999
Acaa1a	MmuINT0009220	chr9	1.19E+08	1.19E+08	+	0.004149
Acaa1a	MmuINT0009223	chr9	1.19E+08	1.19E+08	+	0.005081
Acaa2	MmuINT0009238	chr18	74938920	74946772	+	0.000247
Acaa2	MmuINT0009239	chr18	74946940	74952004	+	0.000173
Acaa2	MmuINT0009240	chr18	74952134	74952940	+	0.000161
Acaa2	MmuINT0009241	chr18	74953058	74954784	+	0.000135
Acaa2	MmuINT0009242	chr18	74954933	74957965	+	0.000264
Acaa2	MmuINT0009243	chr18	74958142	74958698	+	0.000619
Acaa2	MmuINT0009244	chr18	74958829	74960950	+	0.000616
Acaa2	MmuINT0009245	chr18	74961022	74963654	+	0.000868
Acaa2	MmuINT0009246	chr18	74963810	74965508	+	0.001254
Acacb	MmuINT0009300	chr5	1.15E+08	1.15E+08	+	0.006075
Acacb	MmuINT0009301	chr5	1.15E+08	1.15E+08	+	0.002304
Acacb	MmuINT0009302	chr5	1.15E+08	1.15E+08	+	0.001779
Acacb	MmuINT0009303	chr5	1.15E+08	1.15E+08	+	0.012731
Acacb	MmuINT0009304	chr5	1.15E+08	1.15E+08	+	0.002828
Acacb	MmuINT0009305	chr5	1.15E+08	1.15E+08	+	0.00319
Acacb	MmuINT0009306	chr5	1.15E+08	1.15E+08	+	0.002737
Acacb	MmuINT0009307	chr5	1.15E+08	1.15E+08	+	0.002914
Acacb	MmuINT0009308	chr5	1.15E+08	1.15E+08	+	0.001727
Acacb	MmuINT0009309	chr5	1.15E+08	1.15E+08	+	0.00357
Acacb	MmuINT0009310	chr5	1.15E+08	1.15E+08	+	0.002224
Acacb	MmuINT0009311	chr5	1.15E+08	1.15E+08	+	0.002379
Acacb	MmuINT0009312	chr5	1.15E+08	1.15E+08	+	0.019069
Acacb	MmuINT0009313	chr5	1.15E+08	1.15E+08	+	0.002777
Acacb	MmuINT0009314	chr5	1.15E+08	1.15E+08	+	0.002156
Acacb	MmuINT0009315	chr5	1.15E+08	1.15E+08	+	0.00207
Acacb	MmuINT0009316	chr5	1.15E+08	1.15E+08	+	0.004275
Acacb	MmuINT0009317	chr5	1.15E+08	1.15E+08	+	0.002483
Acacb	MmuINT0009318	chr5	1.15E+08	1.15E+08	+	0.003618
Acacb	MmuINT0009319	chr5	1.15E+08	1.15E+08	+	0.008238
Acacb	MmuINT0009320	chr5	1.15E+08	1.15E+08	+	0.003097
Acacb	MmuINT0009321	chr5	1.15E+08	1.15E+08	+	0.002672
Acacb	MmuINT0009322	chr5	1.15E+08	1.15E+08	+	0.00173
Acacb	MmuINT0009323	chr5	1.15E+08	1.15E+08	+	0.003569
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Acacb	MmuINT0009325	chr5	1.15E+08	1.15E+08	+	0.002125
Acacb	MmuINT0009326	chr5	1.15E+08	1.15E+08	+	0.003387
Acacb	MmuINT0009327	chr5	1.15E+08	1.15E+08	+	0.003736
Acacb	MmuINT0009328	chr5	1.15E+08	1.15E+08	+	0.003496
Acacb	MmuINT0009329	chr5	1.15E+08	1.15E+08	+	0.005366
Acacb	MmuINT0009330	chr5	1.15E+08	1.15E+08	+	0.001682
Acacb	MmuINT0009331	chr5	1.15E+08	1.15E+08	+	0.016169
Acacb	MmuINT0009332	chr5	1.15E+08	1.15E+08	+	0.002747
Acacb	MmuINT0009333	chr5	1.15E+08	1.15E+08	+	0.003058
Acacb	MmuINT0009334	chr5	1.15E+08	1.15E+08	+	0.004281
Acacb	MmuINT0009335	chr5	1.15E+08	1.15E+08	+	0.036189
Acacb	MmuINT0009336	chr5	1.15E+08	1.15E+08	+	0.016425
Acacb	MmuINT0009337	chr5	1.15E+08	1.15E+08	+	0.0054

Acacb	MmuINT0009338	chr5	1.15E+08	1.15E+08	+	0.008448
Acacb	MmuINT0009339	chr5	1.15E+08	1.15E+08	+	0.001958
Acacb	MmuINT0009340	chr5	1.15E+08	1.15E+08	+	0.009696
Acacb	MmuINT0009341	chr5	1.15E+08	1.15E+08	+	0.037603
Acacb	MmuINT0009342	chr5	1.15E+08	1.15E+08	+	0.027576
Acacb	MmuINT0009343	chr5	1.15E+08	1.15E+08	+	0.016278
Acacb	MmuINT0009344	chr5	1.15E+08	1.15E+08	+	0.002556
Acacb	MmuINT0009345	chr5	1.15E+08	1.15E+08	+	0.004664
Acacb	MmuINT0009346	chr5	1.15E+08	1.15E+08	+	0.008118
Acacb	MmuINT0009347	chr5	1.15E+08	1.15E+08	+	0.002013
Acacb	MmuINT0009348	chr5	1.15E+08	1.15E+08	+	0.004717
Acacb	MmuINT0009349	chr5	1.15E+08	1.15E+08	+	0.002969
Acacb	MmuINT0009350	chr5	1.15E+08	1.15E+08	+	0.00185
Acad10	MmuINT0009357	chr5	1.22E+08	1.22E+08	-	0.053951
Acad10	MmuINT0009358	chr5	1.22E+08	1.22E+08	-	0.028537
Acad10	MmuINT0009364	chr5	1.22E+08	1.22E+08	-	0.09029
Acad10	MmuINT0009365	chr5	1.22E+08	1.22E+08	-	0.04695
Acad10	MmuINT0009366	chr5	1.22E+08	1.22E+08	-	0.04272
Acad10	MmuINT0009367	chr5	1.22E+08	1.22E+08	-	0.204477
Acad10	MmuINT0009368	chr5	1.22E+08	1.22E+08	-	0.348152
Acad11	MmuINT0009371	chr9	1.04E+08	1.04E+08	+	0.001441
Acad11	MmuINT0009372	chr9	1.04E+08	1.04E+08	+	0.001782
Acad11	MmuINT0009373	chr9	1.04E+08	1.04E+08	+	0.002166
Acad11	MmuINT0009374	chr9	1.04E+08	1.04E+08	+	0.003093
Acad11	MmuINT0009375	chr9	1.04E+08	1.04E+08	+	0.00522
Acad11	MmuINT0009376	chr9	1.04E+08	1.04E+08	+	0.003323
Acad11	MmuINT0009377	chr9	1.04E+08	1.04E+08	+	0.003224
Acad11	MmuINT0009378	chr9	1.04E+08	1.04E+08	+	0.001932
Acad11	MmuINT0009379	chr9	1.04E+08	1.04E+08	+	0.003575
Acad11	MmuINT0009380	chr9	1.04E+08	1.04E+08	+	0.001874
Acad11	MmuINT0009381	chr9	1.04E+08	1.04E+08	+	0.002646
Acad11	MmuINT0009382	chr9	1.04E+08	1.04E+08	+	0.001827
Acad11	MmuINT0009383	chr9	1.04E+08	1.04E+08	+	0.001632
Acad11	MmuINT0009384	chr9	1.04E+08	1.04E+08	+	0.001607
Acad11	MmuINT0009385	chr9	1.04E+08	1.04E+08	+	0.001559
Acad11	MmuINT0009386	chr9	1.04E+08	1.04E+08	+	0.001975
Acad11	MmuINT0009387	chr9	1.04E+08	1.04E+08	+	0.001527
Acad11	MmuINT0009388	chr9	1.04E+08	1.04E+08	+	0.0016
Acad8	MmuINT0009389	chr9	26799846	26806978	-	0.016566
Acad8	MmuINT0009390	chr9	26783346	26785140	-	0.00287
Acad8	MmuINT0009391	chr9	26798995	26799744	-	0.00357
Acad8	MmuINT0009392	chr9	26798278	26798824	-	0.004851
Acad8	MmuINT0009393	chr9	26797782	26798167	-	0.004214
Acad8	MmuINT0009394	chr9	26793186	26797704	-	0.004786
Acad8	MmuINT0009395	chr9	26786897	26793047	-	0.007109
Acad8	MmuINT0009396	chr9	26786668	26786760	-	0.005418
Acad8	MmuINT0009397	chr9	26786049	26786569	-	0.007743
Acad8	MmuINT0009398	chr9	26785244	26785895	-	0.024006
Acad9	MmuINT0009399	chr3	35965193	35968631	+	0.009169
Acad9	MmuINT0009400	chr3	35980804	35981030	+	0.014102

Acad9	MmuINT0009401	chr3	35981151	35984335	+	0.007905
Acad9	MmuINT0009402	chr3	35984465	35986641	+	0.008272
Acad9	MmuINT0009403	chr3	35986722	35987409	+	0.0193
Acad9	MmuINT0009404	chr3	35987537	35987736	+	0.012065
Acad9	MmuINT0009405	chr3	35987815	35988253	+	0.027227
Acad9	MmuINT0009406	chr3	35988383	35989003	+	0.021581
Acad9	MmuINT0009408	chr3	35968726	35972428	+	0.004656
Acad9	MmuINT0009409	chr3	35972531	35973271	+	0.004132
Acad9	MmuINT0009410	chr3	35973379	35974164	+	0.012136
Acad9	MmuINT0009411	chr3	35974266	35974897	+	0.0111
Acad9	MmuINT0009412	chr3	35974977	35975643	+	0.006455
Acad9	MmuINT0009413	chr3	35975819	35977359	+	0.005161
Acad9	MmuINT0009414	chr3	35977434	35979142	+	0.00606
Acad9	MmuINT0009415	chr3	35979219	35980732	+	0.010431
Acadl	MmuINT0009417	chr1	66878102	66883535	-	0.001172
Acadl	MmuINT0009418	chr1	66901336	66903972	-	0.000093
Acadl	MmuINT0009419	chr1	66899866	66901197	-	0.000122
Acadl	MmuINT0009420	chr1	66895041	66899700	-	0.000141
Acadl	MmuINT0009421	chr1	66891907	66894973	-	0.000169
Acadl	MmuINT0009422	chr1	66889757	66891741	-	0.000121
Acadl	MmuINT0009423	chr1	66888310	66889654	-	0.000424
Acadl	MmuINT0009424	chr1	66884981	66888195	-	0.001467
Acadl	MmuINT0009425	chr1	66883623	66884852	-	0.000183
Acadm	MmuINT0009426	chr3	1.54E+08	1.54E+08	-	0.000499
Acadm	MmuINT0009428	chr3	1.54E+08	1.54E+08	-	0.000127
Acadm	MmuINT0009430	chr3	1.54E+08	1.54E+08	-	0.00262
Acadm	MmuINT0009431	chr3	1.54E+08	1.54E+08	-	0.001496
Acadm	MmuINT0009432	chr3	1.54E+08	1.54E+08	-	0.004701
Acadm	MmuINT0009433	chr3	1.54E+08	1.54E+08	-	0.003241
Acadm	MmuINT0009434	chr3	1.54E+08	1.54E+08	-	0.000395
Acads	MmuINT0009437	chr5	1.16E+08	1.16E+08	-	0.000749
Acads	MmuINT0009438	chr5	1.16E+08	1.16E+08	-	0.000539
Acads	MmuINT0009439	chr5	1.16E+08	1.16E+08	-	0.002983
Acads	MmuINT0009440	chr5	1.16E+08	1.16E+08	-	0.002496
Acads	MmuINT0009441	chr5	1.16E+08	1.16E+08	-	0.002966
Acads	MmuINT0009442	chr5	1.16E+08	1.16E+08	-	0.002333
Acads	MmuINT0009443	chr5	1.16E+08	1.16E+08	-	0.002078
Acads	MmuINT0009444	chr5	1.16E+08	1.16E+08	-	0.003215
Acads	MmuINT0009445	chr5	1.16E+08	1.16E+08	-	0.00117
Acadsb	MmuINT0009446	chr7	1.39E+08	1.39E+08	+	0.003092
Acadsb	MmuINT0009447	chr7	1.39E+08	1.39E+08	+	0.003864
Acadsb	MmuINT0009448	chr7	1.39E+08	1.39E+08	+	0.00157
Acadsb	MmuINT0009449	chr7	1.39E+08	1.39E+08	+	0.001559
Acadsb	MmuINT0009450	chr7	1.39E+08	1.39E+08	+	0.001651
Acadsb	MmuINT0009451	chr7	1.39E+08	1.39E+08	+	0.00194
Acadsb	MmuINT0009452	chr7	1.39E+08	1.39E+08	+	0.001947
Acadsb	MmuINT0009453	chr7	1.39E+08	1.39E+08	+	0.002671
Acadsb	MmuINT0009454	chr7	1.39E+08	1.39E+08	+	0.007371
Acadsb	MmuINT0009455	chr7	1.39E+08	1.39E+08	+	0.003686
Acadvl	MmuINT0009456	chr11	69828698	69828764	-	0.006581

Acadvl	MmuINT0009457	chr11	69825793	69825949	-	0.003463
Acadvl	MmuINT0009458	chr11	69825273	69825687	-	0.005582
Acadvl	MmuINT0009459	chr11	69825101	69825185	-	0.003894
Acadvl	MmuINT0009460	chr11	69824949	69825037	-	0.003541
Acadvl	MmuINT0009461	chr11	69824768	69824846	-	0.008414
Acadvl	MmuINT0009462	chr11	69824581	69824669	-	0.003583
Acadvl	MmuINT0009463	chr11	69824424	69824507	-	0.003517
Acadvl	MmuINT0009464	chr11	69824273	69824350	-	0.014201
Acadvl	MmuINT0009465	chr11	69824103	69824199	-	0.003557
Acadvl	MmuINT0009466	chr11	69823939	69824026	-	0.000443
Acadvl	MmuINT0009467	chr11	69828361	69828618	-	0.004893
Acadvl	MmuINT0009468	chr11	69828206	69828294	-	0.002613
Acadvl	MmuINT0009469	chr11	69828046	69828132	-	0.001714
Acadvl	MmuINT0009470	chr11	69827882	69827980	-	0.000897
Acadvl	MmuINT0009471	chr11	69827081	69827746	-	0.006624
Acadvl	MmuINT0009472	chr11	69826804	69826935	-	0.003974
Acadvl	MmuINT0009473	chr11	69826586	69826673	-	0.001679
Acadvl	MmuINT0009474	chr11	69826149	69826459	-	0.00454
Acap2	MmuINT0009512	chr16	31160475	31201024	-	0.042719
Acap2	MmuINT0009513	chr16	31119534	31127406	-	0.04296
Acap2	MmuINT0009514	chr16	31117445	31119481	-	0.04464
Acap2	MmuINT0009515	chr16	31116194	31117343	-	0.034016
Acap2	MmuINT0009516	chr16	31111188	31116087	-	0.058667
Acap2	MmuINT0009517	chr16	31110657	31110978	-	0.030981
Acap2	MmuINT0009518	chr16	31109819	31110586	-	0.044738
Acap2	MmuINT0009519	chr16	31108274	31109726	-	0.035145
Acap2	MmuINT0009522	chr16	31105041	31105570	-	0.033165
Acap2	MmuINT0009523	chr16	31154779	31160416	-	0.036161
Acap2	MmuINT0009524	chr16	31103696	31104930	-	0.032445
Acap2	MmuINT0009525	chr16	31101973	31103584	-	0.029862
Acap2	MmuINT0009526	chr16	31096533	31101910	-	0.063761
Acap2	MmuINT0009527	chr16	31153846	31154658	-	0.042762
Acap2	MmuINT0009528	chr16	31141884	31153791	-	0.048101
Acap2	MmuINT0009529	chr16	31139741	31141824	-	0.037425
Acap2	MmuINT0009530	chr16	31136668	31139556	-	0.026644
Acap2	MmuINT0009531	chr16	31133711	31136622	-	0.033636
Acap2	MmuINT0009532	chr16	31131421	31133614	-	0.033109
Acap2	MmuINT0009533	chr16	31127520	31131345	-	0.050792
Acap3	MmuINT0009534	chr4	1.55E+08	1.55E+08	+	0.149456
Acap3	MmuINT0009536	chr4	1.55E+08	1.55E+08	+	0.024
Acap3	MmuINT0009537	chr4	1.55E+08	1.55E+08	+	0.031606
Acap3	MmuINT0009538	chr4	1.55E+08	1.55E+08	+	0.037272
Acap3	MmuINT0009539	chr4	1.55E+08	1.55E+08	+	0.133579
Acap3	MmuINT0009540	chr4	1.55E+08	1.55E+08	+	0.082799
Acap3	MmuINT0009541	chr4	1.55E+08	1.55E+08	+	0.022704
Acap3	MmuINT0009542	chr4	1.55E+08	1.55E+08	+	0.024486
Acap3	MmuINT0009543	chr4	1.55E+08	1.55E+08	+	0.068798
Acap3	MmuINT0009544	chr4	1.55E+08	1.55E+08	+	0.068132
Acap3	MmuINT0009545	chr4	1.55E+08	1.55E+08	+	0.131867
Acap3	MmuINT0009546	chr4	1.55E+08	1.55E+08	+	0.03252

Acap3	MmuINT0009547	chr4	1.55E+08	1.55E+08	+	0.074642
Acap3	MmuINT0009548	chr4	1.55E+08	1.55E+08	+	0.087953
Acap3	MmuINT0009549	chr4	1.55E+08	1.55E+08	+	0.074837
Acap3	MmuINT0009550	chr4	1.55E+08	1.55E+08	+	0.031657
Acap3	MmuINT0009551	chr4	1.55E+08	1.55E+08	+	0.045192
Acap3	MmuINT0009552	chr4	1.55E+08	1.55E+08	+	0.056045
Acap3	MmuINT0009553	chr4	1.55E+08	1.55E+08	+	0.12502
Acap3	MmuINT0009554	chr4	1.55E+08	1.55E+08	+	0.047067
Acap3	MmuINT0009555	chr4	1.55E+08	1.55E+08	+	0.042015
Acat1	MmuINT0009557	chr9	53406238	53418317	-	0.00065
Acat1	MmuINT0009558	chr9	53391700	53392944	-	0.006815
Acat1	MmuINT0009559	chr9	53390771	53391541	-	0.00025
Acat1	MmuINT0009560	chr9	53403506	53406189	-	0.0004
Acat1	MmuINT0009561	chr9	53402895	53403387	-	0.000406
Acat1	MmuINT0009562	chr9	53402612	53402798	-	0.001081
Acat1	MmuINT0009563	chr9	53400217	53402510	-	0.0024
Acat1	MmuINT0009564	chr9	53399563	53400072	-	0.000297
Acat1	MmuINT0009565	chr9	53397379	53399411	-	0.000358
Acat1	MmuINT0009566	chr9	53395672	53397282	-	0.000324
Acat1	MmuINT0009567	chr9	53393010	53395557	-	0.006991
Acat2	MmuINT0009575	chr17	13136899	13137265	-	0.038651
Acbd3	MmuINT0009583	chr1	1.83E+08	1.83E+08	+	0.016297
Acbd3	MmuINT0009584	chr1	1.83E+08	1.83E+08	+	0.009852
Acbd3	MmuINT0009585	chr1	1.83E+08	1.83E+08	+	0.011299
Acbd3	MmuINT0009586	chr1	1.83E+08	1.83E+08	+	0.009606
Acbd3	MmuINT0009587	chr1	1.83E+08	1.83E+08	+	0.012322
Acbd3	MmuINT0009588	chr1	1.83E+08	1.83E+08	+	0.022492
Acbd3	MmuINT0009589	chr1	1.83E+08	1.83E+08	+	0.019696
Acbd4	MmuINT0009590	chr11	1.03E+08	1.03E+08	+	0.105279
Acbd4	MmuINT0009591	chr11	1.03E+08	1.03E+08	+	0.558205
Acbd4	MmuINT0009592	chr11	1.03E+08	1.03E+08	+	0.076824
Acbd4	MmuINT0009593	chr11	1.03E+08	1.03E+08	+	0.106797
Acbd4	MmuINT0009594	chr11	1.03E+08	1.03E+08	+	0.019694
Acbd4	MmuINT0009595	chr11	1.03E+08	1.03E+08	+	0.032481
Acbd4	MmuINT0009596	chr11	1.03E+08	1.03E+08	+	0.017369
Acbd4	MmuINT0009597	chr11	1.03E+08	1.03E+08	+	0.010836
Acbd4	MmuINT0009598	chr11	1.03E+08	1.03E+08	+	0.070213
Acbd5	MmuINT0009600	chr2	22923807	22924970	+	0.048917
Acbd5	MmuINT0009601	chr2	22965807	22966173	+	0.00995
Acbd5	MmuINT0009603	chr2	22925140	22931009	+	0.018176
Acbd5	MmuINT0009604	chr2	22931131	22933663	+	0.014229
Acbd5	MmuINT0009605	chr2	22933737	22935858	+	0.014868
Acbd5	MmuINT0009606	chr2	22935974	22943004	+	0.010143
Acbd5	MmuINT0009607	chr2	22943140	22945110	+	0.010746
Acbd5	MmuINT0009608	chr2	22945309	22945995	+	0.009239
Acbd5	MmuINT0009609	chr2	22946103	22949808	+	0.005978
Acbd5	MmuINT0009610	chr2	22950038	22955081	+	0.014648
Acbd6	MmuINT0009611	chr1	1.57E+08	1.57E+08	+	0.003763
Acbd6	MmuINT0009612	chr1	1.57E+08	1.57E+08	+	0.005362
Acbd6	MmuINT0009616	chr1	1.57E+08	1.57E+08	+	0.016896



Acbd6	MmuINT0009617	chr1	1.57E+08	1.57E+08	+	0.015408
Acbd6	MmuINT0009618	chr1	1.57E+08	1.58E+08	+	0.014508
Acbd6	MmuINT0009619	chr1	1.58E+08	1.58E+08	+	0.010121
Accn2	MmuINT0009634	chr15	99529141	99529225	+	0.957858
Accn2	MmuINT0009635	chr15	99529331	99529464	+	0.976221
Accn2	MmuINT0009643	chr15	99528570	99529060	+	0.95171
Accs	MmuINT0009673	chr2	93678443	93679304	-	0.039688
Accs	MmuINT0009674	chr2	93678310	93678396	-	0.074402
Accs	MmuINT0009675	chr2	93676488	93678167	-	0.084278
Accs	MmuINT0009676	chr2	93676241	93676344	-	0.044758
Accs	MmuINT0009677	chr2	93675986	93676086	-	0.034859
Accs	MmuINT0009678	chr2	93685964	93688073	-	0.176873
Accs	MmuINT0009679	chr2	93684431	93685903	-	0.19375
Accs	MmuINT0009683	chr2	93681544	93682021	-	0.086212
Accs	MmuINT0009684	chr2	93680281	93681465	-	0.08641
Accs	MmuINT0009685	chr2	93679395	93680179	-	0.13103
Acd	MmuINT0009700	chr8	1.08E+08	1.08E+08	-	0.012914
Acd	MmuINT0009701	chr8	1.08E+08	1.08E+08	-	0.036151
Acd	MmuINT0009702	chr8	1.08E+08	1.08E+08	-	0.02709
Acd	MmuINT0009703	chr8	1.08E+08	1.08E+08	-	0.084038
Acd	MmuINT0009704	chr8	1.08E+08	1.08E+08	-	0.237082
Acd	MmuINT0009705	chr8	1.08E+08	1.08E+08	-	0.111952
Acd	MmuINT0009706	chr8	1.08E+08	1.08E+08	-	0.179493
Acd	MmuINT0009707	chr8	1.08E+08	1.08E+08	-	0.071638
Acd	MmuINT0009708	chr8	1.08E+08	1.08E+08	-	0.021836
Acd	MmuINT0009709	chr8	1.08E+08	1.08E+08	-	0.028312
Ace	MmuINT0009710	chr11	1.06E+08	1.06E+08	+	0.953873
Ace	MmuINT0009711	chr11	1.06E+08	1.06E+08	+	0.100462
Ace	MmuINT0009712	chr11	1.06E+08	1.06E+08	+	0.022969
Ace	MmuINT0009713	chr11	1.06E+08	1.06E+08	+	0.044099
Ace	MmuINT0009714	chr11	1.06E+08	1.06E+08	+	0.330743
Ace	MmuINT0009715	chr11	1.06E+08	1.06E+08	+	0.010203
Ace	MmuINT0009716	chr11	1.06E+08	1.06E+08	+	0.011247
Ace	MmuINT0009717	chr11	1.06E+08	1.06E+08	+	0.009385
Ace	MmuINT0009718	chr11	1.06E+08	1.06E+08	+	0.037269
Ace	MmuINT0009719	chr11	1.06E+08	1.06E+08	+	0.011907
Ace	MmuINT0009720	chr11	1.06E+08	1.06E+08	+	0.008737
Ace	MmuINT0009721	chr11	1.06E+08	1.06E+08	+	0.020994
Ace	MmuINT0009722	chr11	1.06E+08	1.06E+08	+	0.026248
Ace	MmuINT0009723	chr11	1.06E+08	1.06E+08	+	0.117862
Ace	MmuINT0009724	chr11	1.06E+08	1.06E+08	+	0.010369
Ace	MmuINT0009725	chr11	1.06E+08	1.06E+08	+	0.012689
Ace	MmuINT0009727	chr11	1.06E+08	1.06E+08	+	0.016589
Ace	MmuINT0009728	chr11	1.06E+08	1.06E+08	+	0.035511
Ace	MmuINT0009729	chr11	1.06E+08	1.06E+08	+	0.011398
Ace	MmuINT0009730	chr11	1.06E+08	1.06E+08	+	0.021229
Ace	MmuINT0009731	chr11	1.06E+08	1.06E+08	+	0.014079
Ace	MmuINT0009732	chr11	1.06E+08	1.06E+08	+	0.102063
Ace	MmuINT0009733	chr11	1.06E+08	1.06E+08	+	0.075028
Ace	MmuINT0009734	chr11	1.06E+08	1.06E+08	+	0.014705

Acer2	MmuINT0009756	chr4	86520501	86532061	+	0.167069
Acer2	MmuINT0009757	chr4	86532177	86532927	+	0.040716
Acer2	MmuINT0009758	chr4	86533070	86546385	+	0.019531
Acer2	MmuINT0009759	chr4	86546524	86557519	+	0.015089
Acer2	MmuINT0009760	chr4	86557658	86563297	+	0.090275
Acer3	MmuINT0009761	chr7	1.05E+08	1.05E+08	-	0.046939
Acer3	MmuINT0009762	chr7	1.05E+08	1.05E+08	-	0.045572
Acer3	MmuINT0009763	chr7	1.05E+08	1.05E+08	-	0.07693
Acer3	MmuINT0009768	chr7	1.05E+08	1.05E+08	-	0.037151
Acer3	MmuINT0009769	chr7	1.05E+08	1.05E+08	-	0.040519
Acer3	MmuINT0009770	chr7	1.05E+08	1.05E+08	-	0.054103
Ache	MmuINT0009774	chr5	1.38E+08	1.38E+08	+	0.316747
Acin1	MmuINT0009776	chr14	55272116	55272371	-	0.733355
Acin1	MmuINT0009777	chr14	55263103	55263284	-	0.027179
Acin1	MmuINT0009778	chr14	55262662	55262777	-	0.006969
Acin1	MmuINT0009779	chr14	55261886	55262560	-	0.105352
Acin1	MmuINT0009780	chr14	55270696	55272050	-	0.083666
Acin1	MmuINT0009781	chr14	55266968	55270553	-	0.236273
Acin1	MmuINT0009782	chr14	55265674	55266924	-	0.121551
Acin1	MmuINT0009783	chr14	55265441	55265539	-	0.038744
Acin1	MmuINT0009784	chr14	55264194	55264441	-	0.004396
Acin1	MmuINT0009785	chr14	55263629	55264047	-	0.0127
Acin1	MmuINT0009786	chr14	55263393	55263520	-	0.041044
Acin1	MmuINT0009787	chr14	55298190	55303847	-	0.007998
Acin1	MmuINT0009788	chr14	55297700	55298077	-	0.01298
Acin1	MmuINT0009789	chr14	55285999	55297579	-	0.015089
Acin1	MmuINT0009791	chr14	55282643	55283208	-	0.003924
Acin1	MmuINT0009792	chr14	55281121	55282423	-	0.008362
Acly	MmuINT0009795	chr11	1E+08	1E+08	-	0.016983
Acly	MmuINT0009797	chr11	1E+08	1E+08	-	0.013873
Acly	MmuINT0009798	chr11	1E+08	1E+08	-	0.016198
Acly	MmuINT0009799	chr11	1E+08	1E+08	-	0.218295
Acly	MmuINT0009800	chr11	1E+08	1E+08	-	0.01999
Acly	MmuINT0009801	chr11	1E+08	1E+08	-	0.029528
Acly	MmuINT0009803	chr11	1E+08	1E+08	-	0.017112
Acly	MmuINT0009804	chr11	1E+08	1E+08	-	0.019517
Acly	MmuINT0009805	chr11	1E+08	1E+08	-	0.021616
Acly	MmuINT0009806	chr11	1E+08	1E+08	-	0.017833
Acly	MmuINT0009807	chr11	1E+08	1E+08	-	0.013139
Acly	MmuINT0009808	chr11	1E+08	1E+08	-	0.010052
Acly	MmuINT0009809	chr11	1E+08	1E+08	-	0.009415
Acly	MmuINT0009810	chr11	1E+08	1E+08	-	0.008989
Acly	MmuINT0009811	chr11	1E+08	1E+08	-	0.033381
Acly	MmuINT0009812	chr11	1E+08	1E+08	-	0.01052
Acly	MmuINT0009813	chr11	1E+08	1E+08	-	0.012207
Acly	MmuINT0009814	chr11	1E+08	1E+08	-	0.014921
Acly	MmuINT0009815	chr11	1E+08	1E+08	-	0.019952
Acly	MmuINT0009816	chr11	1E+08	1E+08	-	0.015914
Acly	MmuINT0009817	chr11	1E+08	1E+08	-	0.026516
Acly	MmuINT0009818	chr11	1E+08	1E+08	-	0.022893

Acly	MmuINT0009819	chr11	1E+08	1E+08	-	0.015865
Acly	MmuINT0009820	chr11	1E+08	1E+08	-	0.014218
Acmsd	MmuINT0009827	chr1	1.3E+08	1.3E+08	+	0.950921
Acn9	MmuINT0009831	chr6	6906201	6988853	+	0.005243
Aco1	MmuINT0009838	chr4	40090575	40110751	+	0.009736
Aco1	MmuINT0009839	chr4	40127322	40128415	+	0.009046
Aco1	MmuINT0009840	chr4	40128576	40129836	+	0.013029
Aco1	MmuINT0009841	chr4	40129973	40130600	+	0.008833
Aco1	MmuINT0009842	chr4	40130686	40131933	+	0.006058
Aco1	MmuINT0009843	chr4	40132091	40133348	+	0.006077
Aco1	MmuINT0009844	chr4	40133474	40135198	+	0.008494
Aco1	MmuINT0009845	chr4	40135304	40136376	+	0.0139
Aco1	MmuINT0009846	chr4	40136520	40137769	+	0.006219
Aco1	MmuINT0009847	chr4	40137918	40140771	+	0.006129
Aco1	MmuINT0009848	chr4	40140895	40143277	+	0.005821
Aco1	MmuINT0009849	chr4	40110879	40111641	+	0.007893
Aco1	MmuINT0009850	chr4	40143464	40144586	+	0.004145
Aco1	MmuINT0009851	chr4	40111811	40114086	+	0.008928
Aco1	MmuINT0009852	chr4	40114225	40122697	+	0.006973
Aco1	MmuINT0009853	chr4	40122768	40122874	+	0.007611
Aco1	MmuINT0009854	chr4	40123059	40123528	+	0.007581
Aco1	MmuINT0009855	chr4	40123669	40124811	+	0.006167
Aco1	MmuINT0009856	chr4	40124984	40126005	+	0.007462
Aco1	MmuINT0009857	chr4	40126107	40127204	+	0.00607
Aco2	MmuINT0009859	chr15	81740078	81740271	+	0.00031
Aco2	MmuINT0009860	chr15	81740346	81740842	+	0.000574
Aco2	MmuINT0009861	chr15	81740955	81742315	+	0.000211
Aco2	MmuINT0009865	chr15	81744243	81744667	+	0.001954
Aco2	MmuINT0009866	chr15	81744790	81745057	+	0.000863
Aco2	MmuINT0009869	chr15	81729652	81733905	+	0.0002
Aco2	MmuINT0009872	chr15	81735298	81736281	+	0.001041
Aco2	MmuINT0009874	chr15	81737962	81739919	+	0.000096
Acot1	MmuINT0009875	chr12	85350917	85355328	+	0.001484
Acot11	MmuINT0009880	chr4	1.06E+08	1.06E+08	-	0.025916
Acot13	MmuINT0009905	chr13	24912769	24923094	-	0.001543
Acot13	MmuINT0009906	chr13	24910061	24912583	-	0.001615
Acot7	MmuINT0009918	chr4	1.52E+08	1.52E+08	+	0.011656
Acot7	MmuINT0009919	chr4	1.52E+08	1.52E+08	+	0.004543
Acot7	MmuINT0009920	chr4	1.52E+08	1.52E+08	+	0.006341
Acot7	MmuINT0009921	chr4	1.52E+08	1.52E+08	+	0.002353
Acot7	MmuINT0009922	chr4	1.52E+08	1.52E+08	+	0.004145
Acot7	MmuINT0009923	chr4	1.52E+08	1.52E+08	+	0.003572
Acot7	MmuINT0009924	chr4	1.52E+08	1.52E+08	+	0.004351
Acot7	MmuINT0009925	chr4	1.52E+08	1.52E+08	+	0.006635
Acot8	MmuINT0009928	chr2	1.65E+08	1.65E+08	-	0.021018
Acot8	MmuINT0009929	chr2	1.65E+08	1.65E+08	-	0.023827
Acot8	MmuINT0009930	chr2	1.65E+08	1.65E+08	-	0.115284
Acot8	MmuINT0009931	chr2	1.65E+08	1.65E+08	-	0.260907
Acot8	MmuINT0009932	chr2	1.65E+08	1.65E+08	-	0.424502
Acot9	MmuINT0009933	chrX	1.52E+08	1.52E+08	+	0.002676

Acot9	MmuINT0009936	chrX	1.52E+08	1.52E+08	+	0.004249
Acot9	MmuINT0009937	chrX	1.52E+08	1.52E+08	+	0.004146
Acot9	MmuINT0009939	chrX	1.52E+08	1.52E+08	+	0.004193
Acot9	MmuINT0009940	chrX	1.52E+08	1.52E+08	+	0.007859
Acot9	MmuINT0009944	chrX	1.52E+08	1.52E+08	+	0.00098
Acox1	MmuINT0009947	chr11	1.16E+08	1.16E+08	-	0.000843
Acox1	MmuINT0009948	chr11	1.16E+08	1.16E+08	-	0.000874
Acox1	MmuINT0009949	chr11	1.16E+08	1.16E+08	-	0.001878
Acox1	MmuINT0009950	chr11	1.16E+08	1.16E+08	-	0.002445
Acox1	MmuINT0009951	chr11	1.16E+08	1.16E+08	-	0.001468
Acox1	MmuINT0009952	chr11	1.16E+08	1.16E+08	-	0.011988
Acox1	MmuINT0009953	chr11	1.16E+08	1.16E+08	-	0.016584
Acox1	MmuINT0009954	chr11	1.16E+08	1.16E+08	-	0.001131
Acox1	MmuINT0009955	chr11	1.16E+08	1.16E+08	-	0.001082
Acox1	MmuINT0009956	chr11	1.16E+08	1.16E+08	-	0.001679
Acox1	MmuINT0009957	chr11	1.16E+08	1.16E+08	-	0.001469
Acox1	MmuINT0009958	chr11	1.16E+08	1.16E+08	-	0.001418
Acox1	MmuINT0009959	chr11	1.16E+08	1.16E+08	-	0.00458
Acox3	MmuINT0009974	chr5	35925784	35926524	+	0.100334
Acox3	MmuINT0009975	chr5	35942524	35944151	+	0.035291
Acox3	MmuINT0009976	chr5	35944275	35945569	+	0.03418
Acox3	MmuINT0009977	chr5	35945691	35947262	+	0.014363
Acox3	MmuINT0009978	chr5	35947386	35947855	+	0.010268
Acox3	MmuINT0009979	chr5	35947970	35949730	+	0.119435
Acox3	MmuINT0009980	chr5	35949847	35950906	+	0.020175
Acox3	MmuINT0009981	chr5	35951082	35951668	+	0.009806
Acox3	MmuINT0009982	chr5	35951737	35952384	+	0.022543
Acox3	MmuINT0009983	chr5	35952472	35954663	+	0.134127
Acox3	MmuINT0009984	chr5	35926625	35930807	+	0.029528
Acox3	MmuINT0009985	chr5	35930963	35931267	+	0.010168
Acox3	MmuINT0009986	chr5	35931502	35931824	+	0.016831
Acox3	MmuINT0009987	chr5	35931900	35932342	+	0.019546
Acox3	MmuINT0009988	chr5	35932433	35934724	+	0.015279
Acox3	MmuINT0009989	chr5	35934869	35936958	+	0.013744
Acox3	MmuINT0009990	chr5	35937048	35940963	+	0.040942
Acox3	MmuINT0009991	chr5	35941061	35942340	+	0.080152
Acp2	MmuINT0010016	chr2	91043206	91043757	+	0.020638
Acp2	MmuINT0010017	chr2	91048594	91050763	+	0.025819
Acp2	MmuINT0010018	chr2	91043854	91044396	+	0.017119
Acp2	MmuINT0010019	chr2	91044484	91045912	+	0.021574
Acp2	MmuINT0010020	chr2	91046066	91046166	+	0.017685
Acp2	MmuINT0010021	chr2	91046266	91046344	+	0.019736
Acp2	MmuINT0010022	chr2	91046435	91046873	+	0.10945
Acp2	MmuINT0010023	chr2	91047007	91047973	+	0.025054
Acp2	MmuINT0010024	chr2	91048057	91048196	+	0.019755
Acp2	MmuINT0010025	chr2	91048304	91048417	+	0.014416
Acp6	MmuINT0010032	chr3	96963289	96969765	+	0.0101
Acp6	MmuINT0010033	chr3	96969895	96969996	+	0.007701
Acp6	MmuINT0010034	chr3	96970128	96970462	+	0.048823
Acp6	MmuINT0010035	chr3	96970540	96971909	+	0.070145

Acp6	MmuINT0010036	chr3	96971998	96972363	+	0.108925
Acp6	MmuINT0010037	chr3	96972497	96975564	+	0.050414
Acp6	MmuINT0010038	chr3	96975666	96977725	+	0.023893
Acp6	MmuINT0010039	chr3	96977822	96979550	+	0.008708
Acp6	MmuINT0010040	chr3	96979717	96980253	+	0.013799
Acrbp	MmuINT0010073	chr6	1.25E+08	1.25E+08	+	0.046378
Acrbp	MmuINT0010074	chr6	1.25E+08	1.25E+08	+	0.122968
Acrbp	MmuINT0010075	chr6	1.25E+08	1.25E+08	+	0.116932
Acrbp	MmuINT0010076	chr6	1.25E+08	1.25E+08	+	0.463007
Acrbp	MmuINT0010077	chr6	1.25E+08	1.25E+08	+	0.064719
Acrbp	MmuINT0010078	chr6	1.25E+08	1.25E+08	+	0.935628
Acrbp	MmuINT0010079	chr6	1.25E+08	1.25E+08	+	0.377157
Acsf3	MmuINT0010125	chr8	1.25E+08	1.25E+08	+	0.152748
Acsf3	MmuINT0010126	chr8	1.25E+08	1.25E+08	+	0.006065
Acsf3	MmuINT0010127	chr8	1.25E+08	1.25E+08	+	0.006422
Acsf3	MmuINT0010128	chr8	1.25E+08	1.25E+08	+	0.006376
Acsf3	MmuINT0010129	chr8	1.25E+08	1.25E+08	+	0.010085
Acsf3	MmuINT0010130	chr8	1.25E+08	1.25E+08	+	0.006614
Acsf3	MmuINT0010131	chr8	1.25E+08	1.25E+08	+	0.004825
Acsf3	MmuINT0010132	chr8	1.25E+08	1.25E+08	+	0.007079
Acsf3	MmuINT0010133	chr8	1.25E+08	1.25E+08	+	0.02638
Acs1	MmuINT0010134	chr8	47556585	47578153	+	0.032855
Acs1	MmuINT0010135	chr8	47604389	47606621	+	0.001098
Acs1	MmuINT0010136	chr8	47606700	47610296	+	0.003137
Acs1	MmuINT0010137	chr8	47610432	47611597	+	0.000944
Acs1	MmuINT0010138	chr8	47611733	47612543	+	0.002706
Acs1	MmuINT0010139	chr8	47612640	47613933	+	0.000653
Acs1	MmuINT0010140	chr8	47614007	47615740	+	0.002215
Acs1	MmuINT0010141	chr8	47615830	47616323	+	0.001255
Acs1	MmuINT0010142	chr8	47616441	47617141	+	0.000811
Acs1	MmuINT0010143	chr8	47617286	47618719	+	0.001
Acs1	MmuINT0010144	chr8	47618822	47618918	+	0.000743
Acs1	MmuINT0010145	chr8	47578381	47591002	+	0.000447
Acs1	MmuINT0010146	chr8	47618991	47619693	+	0.000838
Acs1	MmuINT0010147	chr8	47591121	47593686	+	0.000779
Acs1	MmuINT0010148	chr8	47593752	47596713	+	0.000346
Acs1	MmuINT0010149	chr8	47596816	47598644	+	0.001606
Acs1	MmuINT0010150	chr8	47598745	47598926	+	0.000411
Acs1	MmuINT0010151	chr8	47599106	47603621	+	0.000417
Acs1	MmuINT0010152	chr8	47603655	47603802	+	0.000556
Acs1	MmuINT0010153	chr8	47603855	47604314	+	0.000529
Acs1	MmuINT0010157	chr1	78693605	78695570	+	0.058595
Acs1	MmuINT0010158	chr1	78695744	78696330	+	0.033611
Acs1	MmuINT0010159	chr1	78696406	78697843	+	0.033433
Acs1	MmuINT0010160	chr1	78698036	78700060	+	0.032655
Acs1	MmuINT0010161	chr1	78700176	78701808	+	0.037727
Acs1	MmuINT0010162	chr1	78701967	78702832	+	0.033042
Acs1	MmuINT0010164	chr1	78678586	78684811	+	0.045618
Acs1	MmuINT0010165	chr1	78684990	78686843	+	0.048455
Acs1	MmuINT0010166	chr1	78686954	78688656	+	0.038061

Acsl3	MmuINT0010167	chr1	78688796	78690770	+	0.040931
Acsl3	MmuINT0010168	chr1	78690922	78692655	+	0.037211
Acsl3	MmuINT0010169	chr1	78692780	78693003	+	0.050251
Acsl3	MmuINT0010170	chr1	78693076	78693464	+	0.041531
Acsl4	MmuINT0010171	chrX	1.39E+08	1.39E+08	-	0.051474
Acsl4	MmuINT0010172	chrX	1.39E+08	1.39E+08	-	0.054169
Acsl4	MmuINT0010173	chrX	1.39E+08	1.39E+08	-	0.029405
Acsl4	MmuINT0010174	chrX	1.39E+08	1.39E+08	-	0.032309
Acsl4	MmuINT0010175	chrX	1.39E+08	1.39E+08	-	0.034593
Acsl4	MmuINT0010176	chrX	1.39E+08	1.39E+08	-	0.021919
Acsl4	MmuINT0010177	chrX	1.39E+08	1.39E+08	-	0.021301
Acsl4	MmuINT0010178	chrX	1.39E+08	1.39E+08	-	0.047477
Acsl4	MmuINT0010179	chrX	1.39E+08	1.39E+08	-	0.034485
Acsl4	MmuINT0010180	chrX	1.39E+08	1.39E+08	-	0.037491
Acsl4	MmuINT0010181	chrX	1.39E+08	1.39E+08	-	0.032954
Acsl4	MmuINT0010182	chrX	1.39E+08	1.39E+08	-	0.033463
Acsl4	MmuINT0010183	chrX	1.39E+08	1.39E+08	-	0.031659
Acsl5	MmuINT0010185	chr19	55328657	55343133	+	0.056459
Acsl5	MmuINT0010186	chr19	55357037	55357797	+	0.026875
Acsl5	MmuINT0010187	chr19	55357876	55358892	+	0.034431
Acsl5	MmuINT0010188	chr19	55359028	55362317	+	0.026145
Acsl5	MmuINT0010189	chr19	55362453	55363294	+	0.022207
Acsl5	MmuINT0010190	chr19	55363391	55365635	+	0.065294
Acsl5	MmuINT0010191	chr19	55365709	55365907	+	0.054525
Acsl5	MmuINT0010192	chr19	55365997	55366262	+	0.023394
Acsl5	MmuINT0010193	chr19	55366380	55368076	+	0.034654
Acsl5	MmuINT0010194	chr19	55368221	55368691	+	0.047101
Acsl5	MmuINT0010195	chr19	55368794	55369322	+	0.063535
Acsl5	MmuINT0010196	chr19	55343319	55347258	+	0.033901
Acsl5	MmuINT0010197	chr19	55369395	55369862	+	0.039374
Acsl5	MmuINT0010198	chr19	55370013	55370855	+	0.015037
Acsl5	MmuINT0010199	chr19	55347368	55352396	+	0.028716
Acsl5	MmuINT0010200	chr19	55352462	55352570	+	0.031113
Acsl5	MmuINT0010201	chr19	55352673	55353953	+	0.059832
Acsl5	MmuINT0010202	chr19	55354054	55354930	+	0.030088
Acsl5	MmuINT0010203	chr19	55355110	55355825	+	0.069403
Acsl5	MmuINT0010204	chr19	55355859	55355939	+	0.049787
Acsl5	MmuINT0010205	chr19	55355992	55356962	+	0.053537
Acsl6	MmuINT0010213	chr11	54152049	54152501	+	0.024106
Acsl6	MmuINT0010214	chr11	54152637	54153998	+	0.272082
Acsl6	MmuINT0010215	chr11	54154095	54155260	+	0.351322
Acsl6	MmuINT0010216	chr11	54155334	54158677	+	0.244845
Acsl6	MmuINT0010217	chr11	54158767	54159379	+	0.015587
Acsl6	MmuINT0010218	chr11	54159497	54164059	+	0.029106
Acsl6	MmuINT0010219	chr11	54164204	54165523	+	0.051421
Acsl6	MmuINT0010220	chr11	54165626	54166492	+	0.167361
Acsl6	MmuINT0010221	chr11	54133875	54136742	+	0.02288
Acsl6	MmuINT0010222	chr11	54166565	54174561	+	0.025588
Acsl6	MmuINT0010223	chr11	54136858	54137491	+	0.031958
Acsl6	MmuINT0010226	chr11	54139163	54140616	+	0.016702

Acsl6	MmuINT0010227	chr11	54140796	54141903	+	0.030527
Acsl6	MmuINT0010228	chr11	54141937	54143421	+	0.029487
Acss1	MmuINT0010296	chr2	1.5E+08	1.5E+08	-	0.004695
Acss1	MmuINT0010297	chr2	1.5E+08	1.5E+08	-	0.003822
Acss1	MmuINT0010298	chr2	1.5E+08	1.5E+08	-	0.000951
Acss1	MmuINT0010299	chr2	1.5E+08	1.5E+08	-	0.021982
Acss1	MmuINT0010300	chr2	1.5E+08	1.5E+08	-	0.004699
Acss1	MmuINT0010301	chr2	1.5E+08	1.5E+08	-	0.001924
Acss1	MmuINT0010302	chr2	1.5E+08	1.5E+08	-	0.002452
Acss1	MmuINT0010303	chr2	1.5E+08	1.5E+08	-	0.000821
Acss1	MmuINT0010304	chr2	1.5E+08	1.5E+08	-	0.003947
Acss1	MmuINT0010305	chr2	1.5E+08	1.5E+08	-	0.010622
Acss1	MmuINT0010306	chr2	1.5E+08	1.5E+08	-	0.004199
Acss1	MmuINT0010307	chr2	1.5E+08	1.5E+08	-	0.001489
Acss1	MmuINT0010308	chr2	1.5E+08	1.5E+08	-	0.003944
Acss2	MmuINT0010309	chr2	1.55E+08	1.55E+08	+	0.012928
Acss2	MmuINT0010310	chr2	1.55E+08	1.55E+08	+	0.00909
Acss2	MmuINT0010311	chr2	1.55E+08	1.55E+08	+	0.009451
Acss2	MmuINT0010312	chr2	1.55E+08	1.55E+08	+	0.011153
Acss2	MmuINT0010313	chr2	1.55E+08	1.55E+08	+	0.006666
Acss2	MmuINT0010314	chr2	1.55E+08	1.55E+08	+	0.01044
Acss2	MmuINT0010315	chr2	1.55E+08	1.55E+08	+	0.007205
Acss2	MmuINT0010316	chr2	1.55E+08	1.55E+08	+	0.005574
Acss2	MmuINT0010317	chr2	1.55E+08	1.55E+08	+	0.011073
Acss2	MmuINT0010318	chr2	1.55E+08	1.55E+08	+	0.014612
Acss2	MmuINT0010319	chr2	1.55E+08	1.55E+08	+	0.011214
Acss2	MmuINT0010320	chr2	1.55E+08	1.55E+08	+	0.057798
Acss2	MmuINT0010321	chr2	1.55E+08	1.55E+08	+	0.040012
Acss2	MmuINT0010322	chr2	1.55E+08	1.55E+08	+	0.007112
Acss2	MmuINT0010324	chr2	1.55E+08	1.55E+08	+	0.010876
Acss2	MmuINT0010325	chr2	1.55E+08	1.55E+08	+	0.029348
Acta1	MmuINT0010342	chr8	1.26E+08	1.26E+08	-	0.001488
Acta1	MmuINT0010343	chr8	1.26E+08	1.26E+08	-	0.001286
Acta1	MmuINT0010344	chr8	1.26E+08	1.26E+08	-	0.001143
Acta1	MmuINT0010345	chr8	1.26E+08	1.26E+08	-	0.001236
Acta1	MmuINT0010346	chr8	1.26E+08	1.26E+08	-	0.000822
Acta1	MmuINT0010347	chr8	1.26E+08	1.26E+08	-	0.00197
Acta2	MmuINT0010348	chr19	34327067	34329779	-	0.002734
Acta2	MmuINT0010349	chr19	34326349	34326914	-	0.001343
Acta2	MmuINT0010350	chr19	34323025	34326219	-	0.002096
Acta2	MmuINT0010351	chr19	34321227	34322913	-	0.004113
Acta2	MmuINT0010352	chr19	34320730	34321141	-	0.002149
Acta2	MmuINT0010353	chr19	34319594	34320567	-	0.00359
Acta2	MmuINT0010354	chr19	34317989	34319401	-	0.010769
Acta2	MmuINT0010355	chr19	34316301	34317806	-	0.006785
Actb	MmuINT0010356	chr5	1.44E+08	1.44E+08	-	0.010767
Actb	MmuINT0010357	chr5	1.44E+08	1.44E+08	-	0.005804
Actb	MmuINT0010358	chr5	1.44E+08	1.44E+08	-	0.000801
Actc1	MmuINT0010361	chr2	1.14E+08	1.14E+08	-	0.001964
Actc1	MmuINT0010362	chr2	1.14E+08	1.14E+08	-	0.002096

Actc1	MmuINT0010363	chr2	1.14E+08	1.14E+08	-	0.001395
Actc1	MmuINT0010364	chr2	1.14E+08	1.14E+08	-	0.000687
Actc1	MmuINT0010365	chr2	1.14E+08	1.14E+08	-	0.002212
Actc1	MmuINT0010366	chr2	1.14E+08	1.14E+08	-	0.003611
Actg2	MmuINT0010374	chr6	83473273	83476799	-	0.000013
Actg2	MmuINT0010375	chr6	83472895	83473161	-	0.011125
Actl6a	MmuINT0010380	chr3	32607803	32610789	+	0.025511
Actl6a	MmuINT0010381	chr3	32619223	32619356	+	0.031268
Actl6a	MmuINT0010382	chr3	32619438	32621541	+	0.019051
Actl6a	MmuINT0010383	chr3	32621638	32624168	+	0.017861
Actl6a	MmuINT0010384	chr3	32624256	32625443	+	0.164898
Actl6a	MmuINT0010385	chr3	32610867	32611022	+	0.001753
Actl6a	MmuINT0010386	chr3	32611198	32613438	+	0.010289
Actl6a	MmuINT0010387	chr3	32613540	32614337	+	0.005947
Actl6a	MmuINT0010388	chr3	32614436	32616952	+	0.014876
Actl6a	MmuINT0010389	chr3	32617048	32617289	+	0.029161
Actl6a	MmuINT0010390	chr3	32617397	32617488	+	0.012913
Actl6a	MmuINT0010391	chr3	32617579	32618822	+	0.029904
Actl6a	MmuINT0010392	chr3	32618885	32619107	+	0.024136
Actn1	MmuINT0010406	chr12	81310461	81360973	-	0.025666
Actn1	MmuINT0010407	chr12	81282496	81284379	-	0.007573
Actn1	MmuINT0010409	chr12	81278284	81279288	-	0.009266
Actn1	MmuINT0010410	chr12	81277284	81278174	-	0.012587
Actn1	MmuINT0010411	chr12	81275630	81277142	-	0.010566
Actn1	MmuINT0010412	chr12	81275202	81275446	-	0.009587
Actn1	MmuINT0010413	chr12	81274130	81275066	-	0.011397
Actn1	MmuINT0010414	chr12	81272863	81273949	-	0.008624
Actn1	MmuINT0010415	chr12	81271754	81272715	-	0.137804
Actn1	MmuINT0010416	chr12	81270004	81271672	-	0.323916
Actn1	MmuINT0010417	chr12	81306069	81310345	-	0.01247
Actn1	MmuINT0010418	chr12	81269468	81269844	-	0.017555
Actn1	MmuINT0010419	chr12	81300055	81305948	-	0.013045
Actn1	MmuINT0010420	chr12	81298001	81299967	-	0.018033
Actn1	MmuINT0010421	chr12	81297461	81297912	-	0.015359
Actn1	MmuINT0010422	chr12	81294705	81297381	-	0.018221
Actn1	MmuINT0010423	chr12	81293441	81294622	-	0.016065
Actn1	MmuINT0010424	chr12	81285887	81293354	-	0.023184
Actn1	MmuINT0010425	chr12	81284611	81285793	-	0.014779
Actn2	MmuINT0010426	chr13	12403229	12432641	-	0.000234
Actn2	MmuINT0010427	chr13	12383089	12383926	-	0.000152
Actn2	MmuINT0010428	chr13	12380925	12382940	-	0.000101
Actn2	MmuINT0010429	chr13	12374891	12380773	-	0.002121
Actn2	MmuINT0010430	chr13	12372837	12374781	-	0.000302
Actn2	MmuINT0010431	chr13	12371244	12372695	-	0.000804
Actn2	MmuINT0010432	chr13	12369801	12371060	-	0.000456
Actn2	MmuINT0010433	chr13	12368810	12369665	-	0.000201
Actn2	MmuINT0010434	chr13	12367492	12368629	-	0.000324
Actn2	MmuINT0010435	chr13	12365032	12367344	-	0.004072
Actn2	MmuINT0010436	chr13	12363204	12364965	-	0.004578
Actn2	MmuINT0010437	chr13	12401982	12403113	-	0.000232



Actn2	MmuINT0010438	chr13	12361920	12363044	-	0.001099
Actn2	MmuINT0010439	chr13	12401254	12401861	-	0.000136
Actn2	MmuINT0010440	chr13	12398629	12401166	-	0.001185
Actn2	MmuINT0010441	chr13	12396660	12398540	-	0.000931
Actn2	MmuINT0010442	chr13	12393284	12396580	-	0.003189
Actn2	MmuINT0010443	chr13	12388828	12393201	-	0.001039
Actn2	MmuINT0010444	chr13	12386670	12388741	-	0.003182
Actn2	MmuINT0010445	chr13	12384158	12386576	-	0.000636
Actn4	MmuINT0010466	chr7	29704088	29747037	-	0.005646
Actn4	MmuINT0010467	chr7	29689708	29690243	-	0.009078
Actn4	MmuINT0010468	chr7	29687047	29689559	-	0.00514
Actn4	MmuINT0010469	chr7	29683748	29686895	-	0.021583
Actn4	MmuINT0010470	chr7	29683499	29683638	-	0.002822
Actn4	MmuINT0010471	chr7	29683271	29683357	-	0.004231
Actn4	MmuINT0010472	chr7	29683003	29683087	-	0.0106
Actn4	MmuINT0010473	chr7	29682075	29682867	-	0.002393
Actn4	MmuINT0010474	chr7	29681255	29681894	-	0.004118
Actn4	MmuINT0010476	chr7	29679679	29680450	-	0.053649
Actn4	MmuINT0010477	chr7	29703811	29703972	-	0.003454
Actn4	MmuINT0010478	chr7	29679407	29679519	-	0.007682
Actn4	MmuINT0010479	chr7	29701266	29703690	-	0.004489
Actn4	MmuINT0010480	chr7	29700320	29701178	-	0.005573
Actn4	MmuINT0010481	chr7	29698476	29700231	-	0.011465
Actn4	MmuINT0010482	chr7	29697341	29698396	-	0.005206
Actn4	MmuINT0010483	chr7	29696595	29697258	-	0.029374
Actn4	MmuINT0010484	chr7	29692084	29696508	-	0.064071
Actn4	MmuINT0010485	chr7	29690475	29691990	-	0.016199
Actr10	MmuINT0010486	chr12	72039019	72041784	+	0.00339
Actr10	MmuINT0010487	chr12	72057661	72059018	+	0.00489
Actr10	MmuINT0010488	chr12	72059101	72060827	+	0.004644
Actr10	MmuINT0010489	chr12	72061030	72062853	+	0.006407
Actr10	MmuINT0010490	chr12	72041858	72043245	+	0.006037
Actr10	MmuINT0010491	chr12	72043329	72044395	+	0.007046
Actr10	MmuINT0010492	chr12	72044505	72048438	+	0.003192
Actr10	MmuINT0010493	chr12	72048547	72050690	+	0.011228
Actr10	MmuINT0010494	chr12	72050759	72053936	+	0.007662
Actr10	MmuINT0010495	chr12	72054017	72055605	+	0.011245
Actr10	MmuINT0010496	chr12	72055642	72057259	+	0.011618
Actr10	MmuINT0010497	chr12	72057340	72057586	+	0.006381
Actr1a	MmuINT0010498	chr19	46462007	46470119	-	0.004249
Actr1a	MmuINT0010499	chr19	46452960	46453097	-	0.008437
Actr1a	MmuINT0010500	chr19	46459579	46461941	-	0.003117
Actr1a	MmuINT0010501	chr19	46458836	46459502	-	0.003375
Actr1a	MmuINT0010502	chr19	46456909	46458709	-	0.002083
Actr1a	MmuINT0010503	chr19	46455624	46456783	-	0.005341
Actr1a	MmuINT0010504	chr19	46454832	46455406	-	0.00337
Actr1a	MmuINT0010505	chr19	46454247	46454738	-	0.003903
Actr1a	MmuINT0010507	chr19	46453139	46453902	-	0.013309
Actr1b	MmuINT0010508	chr1	36765101	36766650	-	0.004348
Actr1b	MmuINT0010509	chr1	36757024	36757181	-	0.014567

Actr1b	MmuINT0010510	chr1	36763791	36765035	-	0.003802
Actr1b	MmuINT0010511	chr1	36759446	36763714	-	0.004504
Actr1b	MmuINT0010512	chr1	36759029	36759319	-	0.002887
Actr1b	MmuINT0010513	chr1	36758747	36758903	-	0.078894
Actr1b	MmuINT0010514	chr1	36758359	36758529	-	0.043477
Actr1b	MmuINT0010515	chr1	36758154	36758265	-	0.005831
Actr1b	MmuINT0010516	chr1	36757443	36757978	-	0.010626
Actr1b	MmuINT0010517	chr1	36757223	36757380	-	0.017496
Actr2	MmuINT0010521	chr11	19980802	19991297	-	0.000847
Actr2	MmuINT0010522	chr11	19980176	19980664	-	0.000373
Actr2	MmuINT0010523	chr11	19977337	19980025	-	0.001192
Actr3	MmuINT0010535	chr1	1.27E+08	1.27E+08	-	0.010054
Actr3	MmuINT0010536	chr1	1.27E+08	1.27E+08	-	0.000322
Actr3b	MmuINT0010537	chr5	25265947	25304263	+	0.007048
Actr3b	MmuINT0010538	chr5	25354306	25354890	+	0.00907
Actr3b	MmuINT0010539	chr5	25354975	25355668	+	0.01083
Actr3b	MmuINT0010540	chr5	25304320	25315602	+	0.004885
Actr3b	MmuINT0010541	chr5	25315728	25317734	+	0.004031
Actr3b	MmuINT0010542	chr5	25317846	25328222	+	0.003818
Actr3b	MmuINT0010543	chr5	25328319	25330925	+	0.004339
Actr3b	MmuINT0010544	chr5	25331034	25335343	+	0.004942
Actr3b	MmuINT0010545	chr5	25335488	25337428	+	0.005369
Actr3b	MmuINT0010546	chr5	25337603	25338203	+	0.004483
Actr3b	MmuINT0010547	chr5	25338297	25354179	+	0.004568
Actr5	MmuINT0010548	chr2	1.58E+08	1.58E+08	+	0.058914
Actr5	MmuINT0010549	chr2	1.58E+08	1.58E+08	+	0.028115
Actr5	MmuINT0010550	chr2	1.58E+08	1.58E+08	+	0.089524
Actr5	MmuINT0010551	chr2	1.58E+08	1.58E+08	+	0.033912
Actr5	MmuINT0010552	chr2	1.58E+08	1.58E+08	+	0.084968
Actr5	MmuINT0010553	chr2	1.58E+08	1.58E+08	+	0.230085
Actr5	MmuINT0010554	chr2	1.58E+08	1.58E+08	+	0.137405
Actr5	MmuINT0010555	chr2	1.58E+08	1.58E+08	+	0.040226
Actr6	MmuINT0010556	chr10	89191763	89194918	-	0.027475
Actr6	MmuINT0010557	chr10	89175306	89177614	-	0.043057
Actr6	MmuINT0010558	chr10	89190968	89191644	-	0.022105
Actr6	MmuINT0010559	chr10	89189506	89190898	-	0.033734
Actr6	MmuINT0010560	chr10	89188649	89189381	-	0.026246
Actr6	MmuINT0010561	chr10	89188404	89188512	-	0.015491
Actr6	MmuINT0010562	chr10	89188015	89188346	-	0.020554
Actr6	MmuINT0010563	chr10	89187824	89187915	-	0.019592
Actr6	MmuINT0010564	chr10	89179990	89187744	-	0.017192
Actr6	MmuINT0010565	chr10	89177754	89179817	-	0.015636
Actr8	MmuINT0010566	chr14	30791775	30795784	+	0.013095
Actr8	MmuINT0010567	chr14	30802987	30803889	+	0.010219
Actr8	MmuINT0010568	chr14	30804155	30804777	+	0.036635
Actr8	MmuINT0010569	chr14	30804942	30806146	+	0.031008
Actr8	MmuINT0010570	chr14	30795956	30797215	+	0.006974
Actr8	MmuINT0010571	chr14	30797327	30799111	+	0.007998
Actr8	MmuINT0010572	chr14	30799217	30799462	+	0.007015
Actr8	MmuINT0010573	chr14	30799637	30800107	+	0.010265

Actr8	MmuINT0010574	chr14	30800202	30800404	+	0.007006
Actr8	MmuINT0010575	chr14	30800538	30801374	+	0.005377
Actr8	MmuINT0010576	chr14	30801529	30802138	+	0.005973
Actr8	MmuINT0010577	chr14	30802235	30802845	+	0.011473
Acvr1	MmuINT0010581	chr2	58390285	58419197	-	0.053858
Acvr1	MmuINT0010582	chr2	58300856	58311295	-	0.018052
Acvr1	MmuINT0010583	chr2	58300085	58300724	-	0.020925
Acvr1	MmuINT0010586	chr2	58332340	58352894	-	0.022168
Acvr1	MmuINT0010587	chr2	58330228	58332075	-	0.031761
Acvr1	MmuINT0010588	chr2	58326684	58330015	-	0.027545
Acvr1	MmuINT0010589	chr2	58321072	58326583	-	0.023262
Acvr1	MmuINT0010590	chr2	58315568	58320924	-	0.01947
Acvr1	MmuINT0010591	chr2	58311494	58315291	-	0.019837
Acvr1b	MmuINT0010592	chr15	1.01E+08	1.01E+08	+	0.034665
Acvr1b	MmuINT0010593	chr15	1.01E+08	1.01E+08	+	0.080292
Acvr1b	MmuINT0010594	chr15	1.01E+08	1.01E+08	+	0.052712
Acvr1b	MmuINT0010595	chr15	1.01E+08	1.01E+08	+	0.018792
Acvr1b	MmuINT0010596	chr15	1.01E+08	1.01E+08	+	0.040193
Acvr1b	MmuINT0010597	chr15	1.01E+08	1.01E+08	+	0.023053
Acvr1b	MmuINT0010598	chr15	1.01E+08	1.01E+08	+	0.074349
Acvr1b	MmuINT0010599	chr15	1.01E+08	1.01E+08	+	0.020234
Acvr2a	MmuINT0010610	chr2	48670347	48725808	+	0.016115
Acvr2a	MmuINT0010611	chr2	48754129	48755113	+	0.040401
Acvr2a	MmuINT0010612	chr2	48726017	48728576	+	0.05374
Acvr2a	MmuINT0010613	chr2	48728687	48728838	+	0.021205
Acvr2a	MmuINT0010614	chr2	48728994	48745817	+	0.022766
Acvr2a	MmuINT0010615	chr2	48745962	48747648	+	0.034592
Acvr2a	MmuINT0010616	chr2	48747793	48749026	+	0.059433
Acvr2a	MmuINT0010617	chr2	48749173	48750185	+	0.02454
Acvr2a	MmuINT0010618	chr2	48750301	48752491	+	0.028884
Acvr2a	MmuINT0010619	chr2	48752631	48753997	+	0.04079
Acvr2b	MmuINT0010627	chr9	1.19E+08	1.19E+08	+	0.070633
Acvr1l	MmuINT0010630	chr15	1.01E+08	1.01E+08	+	0.033494
Acvr1l	MmuINT0010632	chr15	1.01E+08	1.01E+08	+	0.020842
Acvr1l	MmuINT0010633	chr15	1.01E+08	1.01E+08	+	0.012505
Acvr1l	MmuINT0010634	chr15	1.01E+08	1.01E+08	+	0.013301
Acvr1l	MmuINT0010635	chr15	1.01E+08	1.01E+08	+	0.018691
Acvr1l	MmuINT0010636	chr15	1.01E+08	1.01E+08	+	0.019473
Acvr1l	MmuINT0010637	chr15	1.01E+08	1.01E+08	+	0.010006
Acvr1l	MmuINT0010638	chr15	1.01E+08	1.01E+08	+	0.016748
Acy1	MmuINT0010639	chr9	1.06E+08	1.06E+08	-	0.029567
Acy1	MmuINT0010640	chr9	1.06E+08	1.06E+08	-	0.014719
Acy1	MmuINT0010641	chr9	1.06E+08	1.06E+08	-	0.035173
Acy1	MmuINT0010642	chr9	1.06E+08	1.06E+08	-	0.077695
Acy1	MmuINT0010643	chr9	1.06E+08	1.06E+08	-	0.013826
Acy1	MmuINT0010644	chr9	1.06E+08	1.06E+08	-	0.016577
Acy1	MmuINT0010645	chr9	1.06E+08	1.06E+08	-	0.013652
Acy1	MmuINT0010646	chr9	1.06E+08	1.06E+08	-	0.015853
Acy1	MmuINT0010647	chr9	1.06E+08	1.06E+08	-	0.084061
Acy1	MmuINT0010648	chr9	1.06E+08	1.06E+08	-	0.025846

Acy1	MmuINT0010649	chr9	1.06E+08	1.06E+08	-	0.038146
Acy1	MmuINT0010650	chr9	1.06E+08	1.06E+08	-	0.03625
Acy1	MmuINT0010651	chr9	1.06E+08	1.06E+08	-	0.055547
Acy1	MmuINT0010652	chr9	1.06E+08	1.06E+08	-	0.052802
Acy3	MmuINT0010653	chr19	3987306	3987730	+	0.004883
Acy3	MmuINT0010654	chr19	3987924	3988137	+	0.01237
Acy3	MmuINT0010655	chr19	3988232	3988397	+	0.015665
Acy3	MmuINT0010656	chr19	3988506	3988605	+	0.007064
Acyp1	MmuINT0010658	chr12	86621033	86621259	-	0.011822
Acyp1	MmuINT0010659	chr12	86613778	86620940	-	0.012133
Acyp2	MmuINT0010660	chr11	30533703	30549300	-	0.00105
Acyp2	MmuINT0010661	chr11	30532318	30533685	-	0.000457
Acyp2	MmuINT0010662	chr11	30406440	30532207	-	0.002463
Adal	MmuINT0010699	chr2	1.21E+08	1.21E+08	+	0.055635
Adal	MmuINT0010700	chr2	1.21E+08	1.21E+08	+	0.099319
Adal	MmuINT0010701	chr2	1.21E+08	1.21E+08	+	0.018174
Adal	MmuINT0010702	chr2	1.21E+08	1.21E+08	+	0.018847
Adam10	MmuINT0010703	chr9	70527067	70551093	+	0.020107
Adam10	MmuINT0010704	chr9	70609574	70613758	+	0.008208
Adam10	MmuINT0010705	chr9	70613910	70614678	+	0.011084
Adam10	MmuINT0010706	chr9	70614863	70615615	+	0.011734
Adam10	MmuINT0010707	chr9	70615725	70616598	+	0.010196
Adam10	MmuINT0010708	chr9	70616820	70624179	+	0.029845
Adam10	MmuINT0010709	chr9	70624307	70625806	+	0.010012
Adam10	MmuINT0010710	chr9	70551245	70566464	+	0.012803
Adam10	MmuINT0010711	chr9	70566584	70570419	+	0.011782
Adam10	MmuINT0010712	chr9	70570579	70587881	+	0.010947
Adam10	MmuINT0010713	chr9	70587983	70591657	+	0.012268
Adam10	MmuINT0010714	chr9	70591811	70594040	+	0.01159
Adam10	MmuINT0010715	chr9	70594134	70595889	+	0.007734
Adam10	MmuINT0010716	chr9	70596074	70601968	+	0.007154
Adam10	MmuINT0010717	chr9	70602133	70609389	+	0.006545
Adam11	MmuINT0010720	chr11	1.03E+08	1.03E+08	+	0.014689
Adam11	MmuINT0010732	chr11	1.03E+08	1.03E+08	+	0.018832
Adam11	MmuINT0010733	chr11	1.03E+08	1.03E+08	+	0.015478
Adam11	MmuINT0010734	chr11	1.03E+08	1.03E+08	+	0.022188
Adam11	MmuINT0010735	chr11	1.03E+08	1.03E+08	+	0.0152
Adam11	MmuINT0010736	chr11	1.03E+08	1.03E+08	+	0.981348
Adam15	MmuINT0010767	chr3	89144395	89144784	-	0.624611
Adam15	MmuINT0010769	chr3	89152550	89153730	-	0.063244
Adam15	MmuINT0010770	chr3	89148777	89149200	-	0.100974
Adam15	MmuINT0010771	chr3	89148522	89148627	-	0.038237
Adam15	MmuINT0010772	chr3	89148133	89148346	-	0.073857
Adam15	MmuINT0010773	chr3	89147900	89148039	-	0.015142
Adam15	MmuINT0010774	chr3	89147506	89147594	-	0.244285
Adam15	MmuINT0010775	chr3	89147113	89147309	-	0.013641
Adam15	MmuINT0010776	chr3	89146284	89147034	-	0.117789
Adam15	MmuINT0010777	chr3	89145998	89146210	-	0.051763
Adam15	MmuINT0010778	chr3	89145500	89145858	-	0.053397
Adam15	MmuINT0010779	chr3	89144102	89145429	-	0.149079

Adam15	MmuINT0010780	chr3	89151868	89152439	-	0.041847
Adam15	MmuINT0010781	chr3	89143876	89143976	-	0.005863
Adam15	MmuINT0010782	chr3	89151408	89151790	-	0.097344
Adam15	MmuINT0010783	chr3	89151151	89151328	-	0.145304
Adam15	MmuINT0010784	chr3	89150989	89151073	-	0.025208
Adam15	MmuINT0010785	chr3	89149931	89150798	-	0.012165
Adam15	MmuINT0010786	chr3	89149760	89149864	-	0.010298
Adam15	MmuINT0010787	chr3	89149585	89149690	-	0.024795
Adam15	MmuINT0010788	chr3	89149286	89149414	-	0.033277
Adam17	MmuINT0010789	chr12	21367653	21379196	-	0.010415
Adam17	MmuINT0010790	chr12	21342647	21346332	-	0.017462
Adam17	MmuINT0010791	chr12	21340015	21342493	-	0.016957
Adam17	MmuINT0010792	chr12	21338535	21339814	-	0.03271
Adam17	MmuINT0010793	chr12	21338072	21338430	-	0.028741
Adam17	MmuINT0010794	chr12	21336025	21337936	-	0.014939
Adam17	MmuINT0010795	chr12	21334994	21335893	-	0.029881
Adam17	MmuINT0010796	chr12	21333995	21334914	-	0.012642
Adam17	MmuINT0010797	chr12	21332031	21333905	-	0.041382
Adam17	MmuINT0010798	chr12	21331488	21331979	-	0.035125
Adam17	MmuINT0010799	chr12	21359875	21367519	-	0.015005
Adam17	MmuINT0010800	chr12	21357493	21359743	-	0.010253
Adam17	MmuINT0010801	chr12	21355815	21357403	-	0.011855
Adam17	MmuINT0010802	chr12	21353292	21355645	-	0.018978
Adam17	MmuINT0010803	chr12	21351572	21353157	-	0.028536
Adam17	MmuINT0010804	chr12	21348839	21351481	-	0.052763
Adam17	MmuINT0010805	chr12	21346681	21348724	-	0.011304
Adam17	MmuINT0010806	chr12	21346422	21346535	-	0.009884
Adam19	MmuINT0010827	chr11	45936680	45938509	+	0.029277
Adam19	MmuINT0010828	chr11	45938650	45940747	+	0.02154
Adam19	MmuINT0010829	chr11	45940926	45942287	+	0.024267
Adam19	MmuINT0010830	chr11	45942378	45945124	+	0.022431
Adam19	MmuINT0010831	chr11	45945321	45947929	+	0.025295
Adam19	MmuINT0010832	chr11	45948039	45949749	+	0.012397
Adam19	MmuINT0010833	chr11	45949964	45950865	+	0.010007
Adam19	MmuINT0010834	chr11	45950944	45951041	+	0.013832
Adam19	MmuINT0010835	chr11	45951151	45952338	+	0.014982
Adam19	MmuINT0010836	chr11	45952478	45953194	+	0.062098
Adam19	MmuINT0010837	chr11	45874511	45878513	+	0.014121
Adam19	MmuINT0010838	chr11	45953280	45953507	+	0.015474
Adam19	MmuINT0010839	chr11	45953733	45956420	+	0.037745
Adam19	MmuINT0010840	chr11	45956574	45957293	+	0.008199
Adam19	MmuINT0010841	chr11	45878585	45907364	+	0.016328
Adam19	MmuINT0010842	chr11	45907444	45913354	+	0.016483
Adam19	MmuINT0010843	chr11	45913432	45926258	+	0.015286
Adam19	MmuINT0010844	chr11	45926452	45927124	+	0.017031
Adam19	MmuINT0010845	chr11	45927191	45931921	+	0.016207
Adam19	MmuINT0010846	chr11	45931994	45934921	+	0.035504
Adam22	MmuINT0010873	chr5	8144306	8145552	-	0.065727
Adam22	MmuINT0010877	chr5	8134885	8136805	-	0.049733
Adam22	MmuINT0010885	chr5	8117758	8121047	-	0.057142

Adam22	MmuINT0010886	chr5	8116660	8117588	-	0.043772
Adam22	MmuINT0010889	chr5	8092832	8107001	-	0.041101
Adam22	MmuINT0010890	chr5	8092407	8092730	-	0.042416
Adam22	MmuINT0010891	chr5	8078707	8082145	-	0.078478
Adam9	MmuINT0011079	chr8	26116747	26127156	-	0.014366
Adam9	MmuINT0011080	chr8	26100873	26101722	-	0.006827
Adam9	MmuINT0011081	chr8	26092595	26100738	-	0.00608
Adam9	MmuINT0011082	chr8	26089988	26092422	-	0.007514
Adam9	MmuINT0011083	chr8	26089096	26089894	-	0.008653
Adam9	MmuINT0011084	chr8	26083607	26088899	-	0.008156
Adam9	MmuINT0011085	chr8	26081242	26083500	-	0.00685
Adam9	MmuINT0011086	chr8	26077702	26081057	-	0.007929
Adam9	MmuINT0011087	chr8	26077227	26077620	-	0.009747
Adam9	MmuINT0011088	chr8	26075508	26077120	-	0.00868
Adam9	MmuINT0011089	chr8	26073561	26075374	-	0.005757
Adam9	MmuINT0011090	chr8	26115310	26116648	-	0.011619
Adam9	MmuINT0011092	chr8	26066472	26073331	-	0.016782
Adam9	MmuINT0011093	chr8	26061483	26066403	-	0.037496
Adam9	MmuINT0011094	chr8	26113809	26115250	-	0.011995
Adam9	MmuINT0011095	chr8	26108292	26113729	-	0.013802
Adam9	MmuINT0011096	chr8	26107323	26108214	-	0.007024
Adam9	MmuINT0011097	chr8	26105648	26107126	-	0.006939
Adam9	MmuINT0011098	chr8	26103588	26105581	-	0.017999
Adam9	MmuINT0011099	chr8	26102716	26103515	-	0.007972
Adam9	MmuINT0011100	chr8	26101805	26102545	-	0.006359
Adamts1	MmuINT0011114	chr16	85800682	85802222	-	0.028584
Adamts1	MmuINT0011115	chr16	85799914	85800334	-	0.013014
Adamts1	MmuINT0011116	chr16	85799459	85799780	-	0.013346
Adamts1	MmuINT0011118	chr16	85798436	85798654	-	0.043523
Adamts1	MmuINT0011119	chr16	85798139	85798248	-	0.027679
Adamts1	MmuINT0011120	chr16	85797060	85797962	-	0.028429
Adamts1	MmuINT0011121	chr16	85796346	85796883	-	0.011982
Adamts10	MmuINT0011122	chr17	33661204	33665228	+	0.027121
Adamts10	MmuINT0011123	chr17	33675356	33675515	+	0.222418
Adamts10	MmuINT0011125	chr17	33680251	33680580	+	0.260997
Adamts10	MmuINT0011126	chr17	33680727	33680816	+	0.027503
Adamts10	MmuINT0011127	chr17	33680881	33681899	+	0.048639
Adamts10	MmuINT0011128	chr17	33682003	33682248	+	0.028875
Adamts10	MmuINT0011129	chr17	33682383	33682486	+	0.018159
Adamts10	MmuINT0011130	chr17	33682611	33685767	+	0.0154
Adamts10	MmuINT0011131	chr17	33685849	33685941	+	0.024299
Adamts10	MmuINT0011132	chr17	33686106	33686203	+	0.024277
Adamts10	MmuINT0011133	chr17	33665416	33665624	+	0.015253
Adamts10	MmuINT0011134	chr17	33686331	33686424	+	0.023844
Adamts10	MmuINT0011135	chr17	33686555	33687410	+	0.349917
Adamts10	MmuINT0011136	chr17	33687616	33687958	+	0.022733
Adamts10	MmuINT0011137	chr17	33688136	33688212	+	0.045702
Adamts10	MmuINT0011138	chr17	33688376	33690029	+	0.107761
Adamts10	MmuINT0011140	chr17	33667235	33668524	+	0.011567
Adamts10	MmuINT0011142	chr17	33674121	33674223	+	0.026217

Adamts10	MmuINT0011143	chr17	33674370	33674844	+	0.342353
Adamts10	MmuINT0011144	chr17	33674889	33675012	+	0.143142
Adamts10	MmuINT0011145	chr17	33675119	33675208	+	0.875315
Adamts15	MmuINT0011224	chr9	30710375	30712065	-	0.108214
Adamts17	MmuINT0011250	chr7	74174607	74186670	+	0.822469
Adamts2	MmuINT0011314	chr11	50590747	50593194	+	0.036689
Adamts2	MmuINT0011315	chr11	50593341	50595206	+	0.024461
Adamts2	MmuINT0011316	chr11	50595383	50598104	+	0.025722
Adamts2	MmuINT0011317	chr11	50598239	50599049	+	0.027128
Adamts2	MmuINT0011318	chr11	50599174	50600087	+	0.029949
Adamts2	MmuINT0011319	chr11	50600169	50600690	+	0.027873
Adamts2	MmuINT0011320	chr11	50600858	50602156	+	0.025907
Adamts2	MmuINT0011321	chr11	50602317	50605304	+	0.028734
Adamts2	MmuINT0011322	chr11	50605438	50606147	+	0.028591
Adamts2	MmuINT0011323	chr11	50606356	50608819	+	0.033386
Adamts2	MmuINT0011324	chr11	50417134	50481492	+	0.026448
Adamts2	MmuINT0011325	chr11	50608950	50609940	+	0.024786
Adamts2	MmuINT0011326	chr11	50610031	50617070	+	0.103068
Adamts2	MmuINT0011327	chr11	50481653	50550667	+	0.02773
Adamts2	MmuINT0011328	chr11	50550871	50570197	+	0.035324
Adamts2	MmuINT0011329	chr11	50570282	50586718	+	0.032077
Adamts2	MmuINT0011330	chr11	50586876	50588815	+	0.046803
Adamts2	MmuINT0011331	chr11	50588922	50589620	+	0.043136
Adamts2	MmuINT0011332	chr11	50589765	50590123	+	0.02433
Adamts2	MmuINT0011333	chr11	50590257	50590632	+	0.031895
Adamts5	MmuINT0011401	chr16	85878283	85888061	-	0.033321
Adamts5	MmuINT0011402	chr16	85870443	85878114	-	0.02886
Adamts5	MmuINT0011406	chr16	85863423	85866864	-	0.039649
Adamts7	MmuINT0011443	chr9	90090149	90090514	+	0.180513
Adamts7	MmuINT0011444	chr9	90090689	90090768	+	0.029569
Adamts7	MmuINT0011445	chr9	90090916	90091837	+	0.039789
Adamts7	MmuINT0011446	chr9	90092001	90094551	+	0.038969
Adamts9	MmuINT0011462	chr6	92844381	92851368	-	0.029746
Adamts9	MmuINT0011463	chr6	92822447	92822783	-	0.045841
Adamts9	MmuINT0011464	chr6	92820094	92822281	-	0.093676
Adamts9	MmuINT0011465	chr6	92813441	92819928	-	0.058446
Adamts9	MmuINT0011466	chr6	92810199	92813320	-	0.044598
Adamts9	MmuINT0011467	chr6	92809928	92810093	-	0.029953
Adamts9	MmuINT0011468	chr6	92808138	92809759	-	0.029985
Adamts9	MmuINT0011469	chr6	92804360	92807879	-	0.027519
Adamts9	MmuINT0011470	chr6	92799463	92804197	-	0.023846
Adamts9	MmuINT0011471	chr6	92773509	92799285	-	0.041006
Adamts9	MmuINT0011472	chr6	92766638	92773340	-	0.032659
Adamts9	MmuINT0011473	chr6	92840285	92844234	-	0.050491
Adamts9	MmuINT0011474	chr6	92757180	92766463	-	0.046982
Adamts9	MmuINT0011475	chr6	92748168	92757008	-	0.027138
Adamts9	MmuINT0011476	chr6	92747116	92747972	-	0.032653
Adamts9	MmuINT0011477	chr6	92746440	92746982	-	0.027856
Adamts9	MmuINT0011478	chr6	92746239	92746344	-	0.0369
Adamts9	MmuINT0011479	chr6	92746052	92746143	-	0.037892

Adamts9	MmuINT0011480	chr6	92743569	92745917	-	0.030724
Adamts9	MmuINT0011481	chr6	92736945	92743476	-	0.089989
Adamts9	MmuINT0011482	chr6	92727482	92736839	-	0.046032
Adamts9	MmuINT0011483	chr6	92724571	92727386	-	0.057182
Adamts9	MmuINT0011484	chr6	92840013	92840102	-	0.029324
Adamts9	MmuINT0011485	chr6	92837798	92839875	-	0.030124
Adamts9	MmuINT0011486	chr6	92837431	92837679	-	0.038543
Adamts9	MmuINT0011487	chr6	92830997	92837334	-	0.096498
Adamts9	MmuINT0011488	chr6	92830744	92830829	-	0.082882
Adamts9	MmuINT0011489	chr6	92829965	92830613	-	0.152589
Adamts9	MmuINT0011490	chr6	92822995	92829837	-	0.089304
Adamtsl2	MmuINT0011519	chr2	26949411	26950922	+	0.289847
Adamtsl2	MmuINT0011520	chr2	26951293	26954125	+	0.039886
Adamtsl2	MmuINT0011521	chr2	26954224	26957126	+	0.141251
Adamtsl2	MmuINT0011522	chr2	26957254	26958288	+	0.101821
Adamtsl2	MmuINT0011523	chr2	26958503	26958585	+	0.0155
Adamtsl2	MmuINT0011524	chr2	26958742	26959387	+	0.030407
Adamtsl2	MmuINT0011525	chr2	26959559	26960268	+	0.031608
Adamtsl2	MmuINT0011526	chr2	26960446	26962914	+	0.051984
Adamtsl2	MmuINT0011527	chr2	26963060	26963840	+	0.036143
Adamtsl2	MmuINT0011534	chr2	26942812	26945103	+	0.028046
Adamtsl4	MmuINT0011565	chr3	95489477	95491743	-	0.271373
Adamtsl4	MmuINT0011566	chr3	95484846	95484946	-	0.07579
Adamtsl4	MmuINT0011567	chr3	95484498	95484659	-	0.070568
Adamtsl4	MmuINT0011568	chr3	95484119	95484367	-	0.009582
Adamtsl4	MmuINT0011569	chr3	95483688	95483913	-	0.049325
Adamtsl4	MmuINT0011570	chr3	95481929	95483510	-	0.033851
Adamtsl4	MmuINT0011571	chr3	95481631	95481730	-	0.026225
Adamtsl4	MmuINT0011572	chr3	95481179	95481450	-	0.052437
Adamtsl4	MmuINT0011573	chr3	95480893	95481033	-	0.042161
Adamtsl4	MmuINT0011574	chr3	95488940	95489378	-	0.031198
Adamtsl4	MmuINT0011575	chr3	95488622	95488881	-	0.02571
Adamtsl4	MmuINT0011576	chr3	95488163	95488283	-	0.009444
Adamtsl4	MmuINT0011577	chr3	95487334	95487555	-	0.08128
Adamtsl4	MmuINT0011578	chr3	95486270	95487230	-	0.047294
Adamtsl4	MmuINT0011579	chr3	95485780	95486132	-	0.055624
Adamtsl4	MmuINT0011580	chr3	95485356	95485574	-	0.027137
Adamtsl4	MmuINT0011581	chr3	95485059	95485182	-	0.026331
Adamtsl5	MmuINT0011582	chr10	79810601	79811100	-	0.9305
Adamtsl5	MmuINT0011583	chr10	79804968	79805051	-	0.055455
Adamtsl5	MmuINT0011584	chr10	79804687	79804803	-	0.003127
Adamtsl5	MmuINT0011585	chr10	79804406	79804487	-	0.007571
Adamtsl5	MmuINT0011586	chr10	79804202	79804333	-	0.16086
Adamtsl5	MmuINT0011589	chr10	79808159	79808257	-	0.04979
Adamtsl5	MmuINT0011590	chr10	79807849	79808066	-	0.142126
Adamtsl5	MmuINT0011591	chr10	79807687	79807787	-	0.06424
Adamtsl5	MmuINT0011592	chr10	79806472	79807577	-	0.015953
Adap1	MmuINT0011596	chr5	1.4E+08	1.4E+08	-	0.041852
Adap1	MmuINT0011597	chr5	1.4E+08	1.4E+08	-	0.052104
Adap1	MmuINT0011598	chr5	1.4E+08	1.4E+08	-	0.058509



Adap1	MmuINT0011599	chr5	1.4E+08	1.4E+08	-	0.050993
Adap1	MmuINT0011601	chr5	1.4E+08	1.4E+08	-	0.047168
Adap1	MmuINT0011604	chr5	1.4E+08	1.4E+08	-	0.076145
Adap2	MmuINT0011605	chr11	79967812	79968491	+	0.193497
Adap2	MmuINT0011606	chr11	79990777	79991897	+	0.85794
Adap2	MmuINT0011607	chr11	79968623	79970446	+	0.046589
Adap2	MmuINT0011608	chr11	79970539	79973664	+	0.060358
Adap2	MmuINT0011609	chr11	79973745	79975649	+	0.109157
Adap2	MmuINT0011610	chr11	79975763	79979174	+	0.036534
Adap2	MmuINT0011611	chr11	79979322	79984179	+	0.032745
Adap2	MmuINT0011612	chr11	79984264	79987589	+	0.376761
Adap2	MmuINT0011613	chr11	79987653	79989557	+	0.350198
Adap2	MmuINT0011614	chr11	79989636	79990547	+	0.040966
Adar	MmuINT0011618	chr3	89551217	89551459	+	0.034001
Adar	MmuINT0011619	chr3	89551594	89553558	+	0.035064
Adar	MmuINT0011620	chr3	89553742	89554157	+	0.026278
Adar	MmuINT0011621	chr3	89554271	89554549	+	0.084257
Adar	MmuINT0011622	chr3	89554678	89554850	+	0.016835
Adar	MmuINT0011623	chr3	89540196	89541911	+	0.125109
Adar	MmuINT0011624	chr3	89542096	89543091	+	0.031044
Adar	MmuINT0011625	chr3	89543241	89543754	+	0.039673
Adar	MmuINT0011626	chr3	89543894	89544015	+	0.092626
Adar	MmuINT0011627	chr3	89544201	89549297	+	0.09825
Adar	MmuINT0011628	chr3	89549914	89550486	+	0.046539
Adar	MmuINT0011629	chr3	89550581	89551093	+	0.041227
Adarb1	MmuINT0011630	chr10	76822481	76880839	-	0.038736
Adarb1	MmuINT0011631	chr10	76757707	76758442	-	0.030801
Adarb1	MmuINT0011632	chr10	76788686	76822311	-	0.031665
Adarb1	MmuINT0011633	chr10	76780096	76784393	-	0.046913
Adarb1	MmuINT0011634	chr10	76776319	76779980	-	0.106785
Adarb1	MmuINT0011635	chr10	76775272	76776149	-	0.030107
Adarb1	MmuINT0011636	chr10	76766100	76773850	-	0.03088
Adarb1	MmuINT0011637	chr10	76758622	76765917	-	0.089853
Adat1	MmuINT0011650	chr8	1.15E+08	1.15E+08	-	0.07242
Adat1	MmuINT0011652	chr8	1.15E+08	1.15E+08	-	0.067044
Adat1	MmuINT0011653	chr8	1.15E+08	1.15E+08	-	0.05266
Adat1	MmuINT0011654	chr8	1.15E+08	1.15E+08	-	0.077893
Adat1	MmuINT0011656	chr8	1.14E+08	1.15E+08	-	0.223633
Adat2	MmuINT0011658	chr10	13273168	13276657	+	0.036654
Adat2	MmuINT0011659	chr10	13276763	13279919	+	0.050502
Adat2	MmuINT0011660	chr10	13280071	13281509	+	0.042767
Adat2	MmuINT0011661	chr10	13281617	13282442	+	0.036831
Adat2	MmuINT0011662	chr10	13282516	13282620	+	0.049177
Adc	MmuINT0011666	chr4	1.29E+08	1.29E+08	-	0.090679
Adck1	MmuINT0011674	chr12	89599417	89606778	+	0.010875
Adck1	MmuINT0011675	chr12	89697648	89699458	+	0.018838
Adck1	MmuINT0011676	chr12	89606925	89610138	+	0.078173
Adck1	MmuINT0011677	chr12	89610223	89640416	+	0.006228
Adck1	MmuINT0011678	chr12	89640621	89669464	+	0.009072
Adck1	MmuINT0011679	chr12	89669624	89679526	+	0.005837

Adck1	MmuINT0011680	chr12	89679686	89685084	+	0.012415
Adck1	MmuINT0011681	chr12	89685202	89693922	+	0.01782
Adck1	MmuINT0011682	chr12	89694073	89695180	+	0.031705
Adck1	MmuINT0011683	chr12	89695379	89697453	+	0.011264
Adck2	MmuINT0011684	chr6	39525206	39526361	+	0.018308
Adck2	MmuINT0011685	chr6	39526509	39529661	+	0.155271
Adck2	MmuINT0011686	chr6	39529791	39530994	+	0.199005
Adck2	MmuINT0011687	chr6	39531091	39533809	+	0.158353
Adck2	MmuINT0011688	chr6	39534062	39535725	+	0.043916
Adck2	MmuINT0011689	chr6	39535855	39536839	+	0.103934
Adck2	MmuINT0011690	chr6	39536894	39537367	+	0.167943
Adck3	MmuINT0011692	chr1	1.82E+08	1.82E+08	-	0.001755
Adck3	MmuINT0011693	chr1	1.82E+08	1.82E+08	-	0.001003
Adck3	MmuINT0011694	chr1	1.82E+08	1.82E+08	-	0.001044
Adck3	MmuINT0011695	chr1	1.82E+08	1.82E+08	-	0.001244
Adck3	MmuINT0011696	chr1	1.82E+08	1.82E+08	-	0.001835
Adck3	MmuINT0011697	chr1	1.82E+08	1.82E+08	-	0.002056
Adck3	MmuINT0011698	chr1	1.82E+08	1.82E+08	-	0.000487
Adck3	MmuINT0011699	chr1	1.82E+08	1.82E+08	-	0.000505
Adck3	MmuINT0011700	chr1	1.82E+08	1.82E+08	-	0.002202
Adck3	MmuINT0011701	chr1	1.82E+08	1.82E+08	-	0.00232
Adck3	MmuINT0011702	chr1	1.82E+08	1.82E+08	-	0.005501
Adck3	MmuINT0011703	chr1	1.82E+08	1.82E+08	-	0.001934
Adck3	MmuINT0011704	chr1	1.82E+08	1.82E+08	-	0.002356
Adck3	MmuINT0011705	chr1	1.82E+08	1.82E+08	-	0.002389
Adck4	MmuINT0011706	chr7	28018193	28018483	+	0.029289
Adck4	MmuINT0011707	chr7	28028416	28035305	+	0.045471
Adck4	MmuINT0011708	chr7	28035448	28035554	+	0.040661
Adck4	MmuINT0011709	chr7	28035663	28037279	+	0.02641
Adck4	MmuINT0011710	chr7	28037346	28041630	+	0.023156
Adck4	MmuINT0011711	chr7	28041718	28042241	+	0.062147
Adck4	MmuINT0011712	chr7	28018592	28018720	+	0.023581
Adck4	MmuINT0011713	chr7	28018841	28018959	+	0.037723
Adck4	MmuINT0011714	chr7	28019027	28022396	+	0.045766
Adck4	MmuINT0011715	chr7	28022475	28024815	+	0.036748
Adck4	MmuINT0011716	chr7	28024939	28025058	+	0.026017
Adck4	MmuINT0011717	chr7	28025145	28026997	+	0.025104
Adck4	MmuINT0011718	chr7	28027139	28027230	+	0.020058
Adck4	MmuINT0011719	chr7	28027313	28028321	+	0.02418
Adck5	MmuINT0011720	chr15	76406925	76418187	+	0.040317
Adck5	MmuINT0011721	chr15	76425041	76425103	+	0.262894
Adck5	MmuINT0011722	chr15	76425183	76425276	+	0.051027
Adck5	MmuINT0011723	chr15	76425369	76425443	+	0.143474
Adck5	MmuINT0011724	chr15	76425697	76425766	+	0.1132
Adck5	MmuINT0011725	chr15	76425884	76425968	+	0.057344
Adck5	MmuINT0011726	chr15	76418292	76419498	+	0.050974
Adck5	MmuINT0011727	chr15	76419649	76423663	+	0.1071
Adck5	MmuINT0011728	chr15	76423740	76423860	+	0.289055
Adck5	MmuINT0011729	chr15	76424062	76424148	+	0.072345
Adck5	MmuINT0011730	chr15	76424290	76424367	+	0.162963

Adck5	MmuINT0011731	chr15	76424482	76424582	+	0.127364
Adck5	MmuINT0011732	chr15	76424715	76424793	+	0.174226
Adck5	MmuINT0011733	chr15	76424878	76424958	+	0.085468
Adcy3	MmuINT0011818	chr12	4210892	4211481	+	0.122618
Adcy4	MmuINT0011831	chr14	56396939	56397117	-	0.034834
Adcy4	MmuINT0011832	chr14	56394286	56396764	-	0.029352
Adcy4	MmuINT0011833	chr14	56394139	56394250	-	0.049171
Adcy4	MmuINT0011834	chr14	56393876	56394051	-	0.071617
Adcy4	MmuINT0011835	chr14	56393408	56393805	-	0.059803
Adcy4	MmuINT0011836	chr14	56392588	56393309	-	0.192757
Adcy4	MmuINT0011837	chr14	56392397	56392502	-	0.186957
Adcy4	MmuINT0011838	chr14	56391624	56392258	-	0.27255
Adcy4	MmuINT0011839	chr14	56391268	56391497	-	0.170846
Adcy4	MmuINT0011840	chr14	56390877	56391082	-	0.169441
Adcy4	MmuINT0011841	chr14	56400870	56402356	-	0.064983
Adcy4	MmuINT0011842	chr14	56390373	56390791	-	0.054242
Adcy4	MmuINT0011843	chr14	56389356	56390213	-	0.020373
Adcy4	MmuINT0011844	chr14	56388970	56389208	-	0.076853
Adcy4	MmuINT0011845	chr14	56388744	56388861	-	0.196763
Adcy4	MmuINT0011846	chr14	56388335	56388628	-	0.207159
Adcy4	MmuINT0011847	chr14	56388125	56388209	-	0.011604
Adcy4	MmuINT0011848	chr14	56400579	56400671	-	0.139248
Adcy4	MmuINT0011849	chr14	56399807	56400416	-	0.025019
Adcy4	MmuINT0011850	chr14	56398883	56399656	-	0.172629
Adcy4	MmuINT0011851	chr14	56398652	56398733	-	0.036034
Adcy4	MmuINT0011852	chr14	56397900	56398539	-	0.26075
Adcy4	MmuINT0011853	chr14	56397638	56397771	-	0.098668
Adcy4	MmuINT0011854	chr14	56397251	56397478	-	0.012737
Adcy5	MmuINT0011855	chr16	35157322	35248886	+	0.004893
Adcy5	MmuINT0011856	chr16	35279427	35280424	+	0.006549
Adcy5	MmuINT0011857	chr16	35280523	35283607	+	0.00489
Adcy5	MmuINT0011858	chr16	35283696	35289590	+	0.007928
Adcy5	MmuINT0011859	chr16	35289708	35290112	+	0.002707
Adcy5	MmuINT0011860	chr16	35290278	35291587	+	0.004041
Adcy5	MmuINT0011861	chr16	35291764	35293103	+	0.002523
Adcy5	MmuINT0011862	chr16	35293134	35294047	+	0.006193
Adcy5	MmuINT0011863	chr16	35294181	35298432	+	0.005474
Adcy5	MmuINT0011864	chr16	35298697	35299538	+	0.009555
Adcy5	MmuINT0011865	chr16	35299744	35302352	+	0.008393
Adcy5	MmuINT0011866	chr16	35249037	35253226	+	0.00314
Adcy5	MmuINT0011867	chr16	35302478	35303698	+	0.004455
Adcy5	MmuINT0011868	chr16	35253349	35267265	+	0.005883
Adcy5	MmuINT0011869	chr16	35267378	35269041	+	0.008194
Adcy5	MmuINT0011870	chr16	35269170	35270923	+	0.003891
Adcy5	MmuINT0011871	chr16	35271083	35272164	+	0.003005
Adcy5	MmuINT0011872	chr16	35272307	35274510	+	0.003669
Adcy5	MmuINT0011873	chr16	35274652	35278580	+	0.002185
Adcy5	MmuINT0011874	chr16	35278604	35279281	+	0.003761
Adcy6	MmuINT0011876	chr15	98428306	98428528	-	0.018161
Adcy6	MmuINT0011877	chr15	98427909	98428157	-	0.092071

Adcy6	MmuINT0011878	chr15	98427683	98427810	-	0.023925
Adcy6	MmuINT0011879	chr15	98427442	98427594	-	0.050078
Adcy6	MmuINT0011880	chr15	98427107	98427324	-	0.006248
Adcy6	MmuINT0011881	chr15	98426650	98426947	-	0.170856
Adcy6	MmuINT0011882	chr15	98425594	98426470	-	0.173487
Adcy6	MmuINT0011883	chr15	98425474	98425557	-	0.144631
Adcy6	MmuINT0011884	chr15	98425026	98425343	-	0.147949
Adcy6	MmuINT0011885	chr15	98424097	98424761	-	0.04599
Adcy6	MmuINT0011886	chr15	98431492	98434304	-	0.01128
Adcy6	MmuINT0011887	chr15	98423229	98423891	-	0.016645
Adcy6	MmuINT0011888	chr15	98422907	98423103	-	0.003472
Adcy6	MmuINT0011889	chr15	98430948	98431341	-	0.111693
Adcy6	MmuINT0011890	chr15	98430721	98430825	-	0.01632
Adcy6	MmuINT0011892	chr15	98429448	98430330	-	0.05403
Adcy6	MmuINT0011893	chr15	98429195	98429288	-	0.00196
Adcy6	MmuINT0011894	chr15	98428917	98429052	-	0.003161
Adcy6	MmuINT0011895	chr15	98428555	98428787	-	0.009206
Adcy7	MmuINT0011900	chr8	90839515	90839646	+	0.054052
Adcy7	MmuINT0011901	chr8	90839780	90841753	+	0.228504
Adcy7	MmuINT0011905	chr8	90843046	90844044	+	0.071525
Adcy7	MmuINT0011906	chr8	90844143	90845682	+	0.190646
Adcy7	MmuINT0011907	chr8	90845768	90845995	+	0.18329
Adcy7	MmuINT0011908	chr8	90846122	90846833	+	0.239126
Adcy7	MmuINT0011910	chr8	90846933	90847530	+	0.051263
Adcy7	MmuINT0011911	chr8	90847707	90848332	+	0.115218
Adcy7	MmuINT0011912	chr8	90848499	90848657	+	0.06092
Adcy7	MmuINT0011913	chr8	90848814	90849265	+	0.064036
Adcy7	MmuINT0011914	chr8	90849413	90849994	+	0.547491
Adcy7	MmuINT0011915	chr8	90850100	90850289	+	0.108907
Adcy7	MmuINT0011916	chr8	90850405	90851271	+	0.122477
Adcy7	MmuINT0011917	chr8	90851397	90851570	+	0.107322
Adcy7	MmuINT0011918	chr8	90819579	90830248	+	0.047618
Adcy7	MmuINT0011919	chr8	90830670	90832539	+	0.069996
Adcy7	MmuINT0011922	chr8	90834583	90834897	+	0.170409
Adcy7	MmuINT0011924	chr8	90836211	90837987	+	0.0493
Adcy9	MmuINT0011944	chr16	4312790	4323766	-	0.020459
Adcy9	MmuINT0011946	chr16	4307259	4311524	-	0.024593
Adcy9	MmuINT0011949	chr16	4297558	4298686	-	0.019516
Adcy9	MmuINT0011950	chr16	4294705	4297408	-	0.024196
Adcy9	MmuINT0011951	chr16	4289090	4294662	-	0.022359
Add1	MmuINT0011974	chr5	34916563	34943972	+	0.005262
Add1	MmuINT0011975	chr5	34959557	34961998	+	0.13895
Add1	MmuINT0011976	chr5	34962101	34962693	+	0.005715
Add1	MmuINT0011977	chr5	34962784	34967927	+	0.027992
Add1	MmuINT0011978	chr5	34968085	34971063	+	0.002686
Add1	MmuINT0011979	chr5	34971163	34971784	+	0.086928
Add1	MmuINT0011980	chr5	34971822	34973118	+	0.140636
Add1	MmuINT0011981	chr5	34944188	34947338	+	0.00291
Add1	MmuINT0011982	chr5	34947502	34948476	+	0.002785
Add1	MmuINT0011983	chr5	34948629	34952840	+	0.00313

Add1	MmuINT0011984	chr5	34952922	34953138	+	0.002918
Add1	MmuINT0011985	chr5	34953289	34955936	+	0.002857
Add1	MmuINT0011986	chr5	34956081	34956167	+	0.002846
Add1	MmuINT0011987	chr5	34956267	34956832	+	0.002348
Add3	MmuINT0012004	chr19	53311342	53312892	+	0.004834
Add3	MmuINT0012005	chr19	53313013	53313896	+	0.007126
Add3	MmuINT0012006	chr19	53313984	53316993	+	0.009596
Add3	MmuINT0012007	chr19	53317118	53318799	+	0.216911
Add3	MmuINT0012008	chr19	53318896	53319487	+	0.15268
Add3	MmuINT0012009	chr19	53291506	53301080	+	0.013728
Add3	MmuINT0012010	chr19	53301220	53305669	+	0.009549
Add3	MmuINT0012011	chr19	53305822	53306613	+	0.018728
Add3	MmuINT0012012	chr19	53306695	53307515	+	0.007631
Add3	MmuINT0012013	chr19	53307666	53308062	+	0.007277
Add3	MmuINT0012014	chr19	53308207	53308314	+	0.007925
Add3	MmuINT0012015	chr19	53308414	53309268	+	0.007366
Add3	MmuINT0012016	chr19	53309452	53311083	+	0.004108
Adh1	MmuINT0012021	chr3	1.38E+08	1.38E+08	+	0.025189
Adh1	MmuINT0012022	chr3	1.38E+08	1.38E+08	+	0.015712
Adh1	MmuINT0012023	chr3	1.38E+08	1.38E+08	+	0.038753
Adh1	MmuINT0012024	chr3	1.38E+08	1.38E+08	+	0.024892
Adh1	MmuINT0012025	chr3	1.38E+08	1.38E+08	+	0.020526
Adh1	MmuINT0012026	chr3	1.38E+08	1.38E+08	+	0.014907
Adh1	MmuINT0012027	chr3	1.38E+08	1.38E+08	+	0.019574
Adh1	MmuINT0012028	chr3	1.38E+08	1.38E+08	+	0.030559
Adh5	MmuINT0012037	chr3	1.38E+08	1.38E+08	+	0.005829
Adh5	MmuINT0012038	chr3	1.38E+08	1.38E+08	+	0.013114
Adh5	MmuINT0012039	chr3	1.38E+08	1.38E+08	+	0.005541
Adh5	MmuINT0012040	chr3	1.38E+08	1.38E+08	+	0.003111
Adh5	MmuINT0012041	chr3	1.38E+08	1.38E+08	+	0.002679
Adh5	MmuINT0012042	chr3	1.38E+08	1.38E+08	+	0.006114
Adh5	MmuINT0012043	chr3	1.38E+08	1.38E+08	+	0.001649
Adh5	MmuINT0012044	chr3	1.38E+08	1.38E+08	+	0.001549
Adhfe1	MmuINT0012064	chr1	9538233	9539987	+	0.025022
Adhfe1	MmuINT0012065	chr1	9550289	9553589	+	0.015118
Adhfe1	MmuINT0012066	chr1	9553669	9553877	+	0.008774
Adhfe1	MmuINT0012067	chr1	9553975	9556861	+	0.003147
Adhfe1	MmuINT0012068	chr1	9557020	9566271	+	0.006416
Adhfe1	MmuINT0012069	chr1	9540026	9541797	+	0.021139
Adhfe1	MmuINT0012070	chr1	9541839	9543003	+	0.038868
Adhfe1	MmuINT0012071	chr1	9543058	9543398	+	0.058238
Adhfe1	MmuINT0012072	chr1	9543554	9543703	+	0.019111
Adhfe1	MmuINT0012073	chr1	9543901	9545618	+	0.018838
Adhfe1	MmuINT0012074	chr1	9545697	9547080	+	0.007154
Adhfe1	MmuINT0012075	chr1	9547187	9548213	+	0.006113
Adhfe1	MmuINT0012076	chr1	9548367	9550189	+	0.021072
Adi1	MmuINT0012078	chr12	29360238	29362642	+	0.002578
Adi1	MmuINT0012079	chr12	29362763	29364254	+	0.00834
Adi1	MmuINT0012080	chr12	29364435	29365830	+	0.006025
Adig	MmuINT0012081	chr2	1.58E+08	1.58E+08	+	0.114918

Adig	MmuINT0012082	chr2	1.58E+08	1.58E+08	+	0.056178
Adipor1	MmuINT0012085	chr1	1.36E+08	1.36E+08	+	0.011094
Adipor1	MmuINT0012086	chr1	1.36E+08	1.36E+08	+	0.000961
Adipor1	MmuINT0012087	chr1	1.36E+08	1.36E+08	+	0.006529
Adipor1	MmuINT0012088	chr1	1.36E+08	1.36E+08	+	0.000578
Adipor1	MmuINT0012089	chr1	1.36E+08	1.36E+08	+	0.002097
Adipor1	MmuINT0012090	chr1	1.36E+08	1.36E+08	+	0.005648
Adipor1	MmuINT0012091	chr1	1.36E+08	1.36E+08	+	0.004085
Adipor2	MmuINT0012092	chr6	1.19E+08	1.19E+08	-	0.052681
Adipor2	MmuINT0012093	chr6	1.19E+08	1.19E+08	-	0.003751
Adipor2	MmuINT0012094	chr6	1.19E+08	1.19E+08	-	0.006589
Adipor2	MmuINT0012095	chr6	1.19E+08	1.19E+08	-	0.007781
Adipor2	MmuINT0012096	chr6	1.19E+08	1.19E+08	-	0.007194
Adipor2	MmuINT0012097	chr6	1.19E+08	1.19E+08	-	0.021797
Adipor2	MmuINT0012098	chr6	1.19E+08	1.19E+08	-	0.005168
Adk	MmuINT0012099	chr14	21871923	21911588	+	0.003864
Adk	MmuINT0012100	chr14	22242812	22267035	+	0.001343
Adk	MmuINT0012101	chr14	21911664	21923041	+	0.002035
Adk	MmuINT0012102	chr14	21923096	21989021	+	0.00133
Adk	MmuINT0012103	chr14	21989101	22054054	+	0.000895
Adk	MmuINT0012104	chr14	22054228	22059684	+	0.000815
Adk	MmuINT0012105	chr14	22059794	22137234	+	0.001417
Adk	MmuINT0012106	chr14	22137406	22188292	+	0.001057
Adk	MmuINT0012107	chr14	22188329	22200724	+	0.001172
Adk	MmuINT0012108	chr14	22200840	22242724	+	0.001516
Adm	MmuINT0012109	chr7	1.18E+08	1.18E+08	+	0.050191
Adm	MmuINT0012110	chr7	1.18E+08	1.18E+08	+	0.045059
Adm	MmuINT0012111	chr7	1.18E+08	1.18E+08	+	0.038646
Adnp	MmuINT0012114	chr2	1.68E+08	1.68E+08	-	0.034488
Adnp	MmuINT0012115	chr2	1.68E+08	1.68E+08	-	0.02469
Adnp	MmuINT0012116	chr2	1.68E+08	1.68E+08	-	0.026094
Adnp2	MmuINT0012117	chr18	80339509	80348104	-	0.094219
Adnp2	MmuINT0012118	chr18	80334313	80339387	-	0.045404
Adnp2	MmuINT0012119	chr18	80327734	80334222	-	0.113678
Adora1	MmuINT0012120	chr1	1.36E+08	1.36E+08	-	0.982558
Adora2a	MmuINT0012122	chr10	74779893	74788529	+	0.131025
Adora2a	MmuINT0012123	chr10	74789097	74795771	+	0.131256
Adpgk	MmuINT0012133	chr9	59139674	59145332	+	0.033021
Adpgk	MmuINT0012134	chr9	59145559	59151295	+	0.038
Adpgk	MmuINT0012135	chr9	59151359	59158034	+	0.047783
Adpgk	MmuINT0012136	chr9	59158156	59160846	+	0.287484
Adpgk	MmuINT0012137	chr9	59161044	59161559	+	0.055947
Adpgk	MmuINT0012138	chr9	59161659	59162537	+	0.04768
Adprh	MmuINT0012139	chr16	38450564	38452608	-	0.010159
Adprh	MmuINT0012140	chr16	38447689	38450208	-	0.016439
Adprh	MmuINT0012141	chr16	38446185	38447327	-	0.003191
Adprhl1	MmuINT0012142	chr8	13248718	13253817	-	0.001033
Adprhl1	MmuINT0012143	chr8	13246168	13248552	-	0.000733
Adprhl1	MmuINT0012144	chr8	13245610	13246041	-	0.000366
Adprhl1	MmuINT0012145	chr8	13242647	13245468	-	0.004243

Adprhl1	MmuINT0012146	chr8	13242385	13242518	-	0.001935
Adprhl1	MmuINT0012147	chr8	13235989	13242251	-	0.001656
Adprhl2	MmuINT0012148	chr4	1.26E+08	1.26E+08	-	0.049012
Adprhl2	MmuINT0012149	chr4	1.26E+08	1.26E+08	-	0.026128
Adprhl2	MmuINT0012150	chr4	1.26E+08	1.26E+08	-	0.132433
Adprhl2	MmuINT0012151	chr4	1.26E+08	1.26E+08	-	0.180545
Adprhl2	MmuINT0012152	chr4	1.26E+08	1.26E+08	-	0.034509
Adra1a	MmuINT0012154	chr14	67257298	67346282	+	0.014067
Adra1a	MmuINT0012155	chr14	67346838	67350400	+	0.103331
Adra1b	MmuINT0012156	chr11	43589962	43648641	-	0.002549
Adra1d	MmuINT0012157	chr2	1.31E+08	1.31E+08	-	0.045501
Adrbk1	MmuINT0012162	chr19	4290683	4290771	-	0.007107
Adrbk1	MmuINT0012163	chr19	4290526	4290603	-	0.018025
Adrbk1	MmuINT0012164	chr19	4290169	4290394	-	0.013868
Adrbk1	MmuINT0012165	chr19	4290006	4290073	-	0.030159
Adrbk1	MmuINT0012166	chr19	4289740	4289897	-	0.011967
Adrbk1	MmuINT0012167	chr19	4289414	4289672	-	0.019734
Adrbk1	MmuINT0012168	chr19	4288659	4289312	-	0.006761
Adrbk1	MmuINT0012169	chr19	4288508	4288591	-	0.030037
Adrbk1	MmuINT0012170	chr19	4287986	4288411	-	0.095467
Adrbk1	MmuINT0012171	chr19	4287695	4287822	-	0.01692
Adrbk1	MmuINT0012173	chr19	4287467	4287557	-	0.003186
Adrbk1	MmuINT0012174	chr19	4287265	4287352	-	0.00296
Adrbk1	MmuINT0012175	chr19	4292841	4294849	-	0.008235
Adrbk1	MmuINT0012176	chr19	4292646	4292766	-	0.007977
Adrbk1	MmuINT0012177	chr19	4292437	4292543	-	0.006477
Adrbk1	MmuINT0012178	chr19	4292232	4292361	-	0.009392
Adrbk1	MmuINT0012179	chr19	4291642	4292169	-	0.01015
Adrbk1	MmuINT0012180	chr19	4291331	4291589	-	0.081211
Adrbk1	MmuINT0012181	chr19	4290872	4291238	-	0.048827
Adrbk2	MmuINT0012183	chr5	1.13E+08	1.13E+08	-	0.047267
Adrbk2	MmuINT0012184	chr5	1.13E+08	1.13E+08	-	0.043871
Adrbk2	MmuINT0012185	chr5	1.13E+08	1.13E+08	-	0.053697
Adrbk2	MmuINT0012186	chr5	1.13E+08	1.13E+08	-	0.059093
Adrbk2	MmuINT0012187	chr5	1.13E+08	1.13E+08	-	0.055173
Adrbk2	MmuINT0012188	chr5	1.13E+08	1.13E+08	-	0.230703
Adrbk2	MmuINT0012189	chr5	1.13E+08	1.13E+08	-	0.146473
Adrbk2	MmuINT0012190	chr5	1.13E+08	1.13E+08	-	0.032023
Adrbk2	MmuINT0012191	chr5	1.13E+08	1.13E+08	-	0.035279
Adrbk2	MmuINT0012192	chr5	1.13E+08	1.13E+08	-	0.026921
Adrbk2	MmuINT0012194	chr5	1.13E+08	1.13E+08	-	0.028724
Adrbk2	MmuINT0012195	chr5	1.13E+08	1.13E+08	-	0.089317
Adrbk2	MmuINT0012197	chr5	1.13E+08	1.13E+08	-	0.05535
Adrbk2	MmuINT0012198	chr5	1.13E+08	1.13E+08	-	0.062603
Adrbk2	MmuINT0012199	chr5	1.13E+08	1.13E+08	-	0.04005
Adrbk2	MmuINT0012200	chr5	1.13E+08	1.13E+08	-	0.051766
Adrm1	MmuINT0012201	chr2	1.8E+08	1.8E+08	+	0.009941
Adsl	MmuINT0012210	chr15	80779131	80782626	+	0.002094
Adsl	MmuINT0012211	chr15	80796613	80797541	+	0.031661
Adsl	MmuINT0012212	chr15	80797632	80798018	+	0.007615

Adsl	MmuINT0012213	chr15	80798196	80799091	+	0.002273
Adsl	MmuINT0012214	chr15	80782831	80786049	+	0.003956
Adsl	MmuINT0012215	chr15	80786095	80786642	+	0.004466
Adsl	MmuINT0012216	chr15	80786723	80790824	+	0.004103
Adsl	MmuINT0012217	chr15	80790997	80791785	+	0.016453
Adsl	MmuINT0012218	chr15	80791833	80793125	+	0.014011
Adsl	MmuINT0012219	chr15	80793217	80794089	+	0.009912
Adsl	MmuINT0012220	chr15	80794160	80794309	+	0.027162
Adsl	MmuINT0012221	chr15	80794458	80796521	+	0.054186
Adss	MmuINT0012222	chr1	1.8E+08	1.8E+08	-	0.045378
Adss	MmuINT0012223	chr1	1.8E+08	1.8E+08	-	0.315185
Adss	MmuINT0012224	chr1	1.8E+08	1.8E+08	-	0.024506
Adss	MmuINT0012225	chr1	1.8E+08	1.8E+08	-	0.033482
Adss	MmuINT0012226	chr1	1.8E+08	1.8E+08	-	0.055637
Adss	MmuINT0012227	chr1	1.8E+08	1.8E+08	-	0.057894
Adss	MmuINT0012228	chr1	1.8E+08	1.8E+08	-	0.055373
Adss	MmuINT0012229	chr1	1.8E+08	1.8E+08	-	0.057079
Adss	MmuINT0012230	chr1	1.8E+08	1.8E+08	-	0.03048
Adss	MmuINT0012231	chr1	1.8E+08	1.8E+08	-	0.333698
Adss	MmuINT0012232	chr1	1.8E+08	1.8E+08	-	0.14319
Adss	MmuINT0012233	chr1	1.8E+08	1.8E+08	-	0.040997
Adssl1	MmuINT0012234	chr12	1.14E+08	1.14E+08	+	0.005381
Adssl1	MmuINT0012235	chr12	1.14E+08	1.14E+08	+	0.003082
Adssl1	MmuINT0012236	chr12	1.14E+08	1.14E+08	+	0.004041
Adssl1	MmuINT0012237	chr12	1.14E+08	1.14E+08	+	0.001815
Adssl1	MmuINT0012238	chr12	1.14E+08	1.14E+08	+	0.001696
Adssl1	MmuINT0012239	chr12	1.14E+08	1.14E+08	+	0.003765
Adssl1	MmuINT0012240	chr12	1.14E+08	1.14E+08	+	0.007394
Adssl1	MmuINT0012241	chr12	1.14E+08	1.14E+08	+	0.003936
Adssl1	MmuINT0012242	chr12	1.14E+08	1.14E+08	+	0.006042
Adssl1	MmuINT0012243	chr12	1.14E+08	1.14E+08	+	0.006439
Adssl1	MmuINT0012244	chr12	1.14E+08	1.14E+08	+	0.001162
Adssl1	MmuINT0012245	chr12	1.14E+08	1.14E+08	+	0.008217
Aebp1	MmuINT0012246	chr11	5762402	5763941	+	0.033454
Aebp1	MmuINT0012247	chr11	5767753	5767822	+	0.082803
Aebp1	MmuINT0012248	chr11	5767963	5768299	+	0.127275
Aebp1	MmuINT0012249	chr11	5768385	5768477	+	0.08573
Aebp1	MmuINT0012250	chr11	5768623	5768733	+	0.06265
Aebp1	MmuINT0012251	chr11	5768820	5769067	+	0.057235
Aebp1	MmuINT0012252	chr11	5769192	5769416	+	0.055307
Aebp1	MmuINT0012253	chr11	5769614	5769709	+	0.057161
Aebp1	MmuINT0012254	chr11	5769890	5770078	+	0.068861
Aebp1	MmuINT0012255	chr11	5770431	5770516	+	0.077634
Aebp1	MmuINT0012256	chr11	5770657	5770755	+	0.067877
Aebp1	MmuINT0012257	chr11	5764281	5764826	+	0.05579
Aebp1	MmuINT0012258	chr11	5770856	5771247	+	0.128392
Aebp1	MmuINT0012259	chr11	5764899	5765019	+	0.069591
Aebp1	MmuINT0012260	chr11	5765092	5765202	+	0.058777
Aebp1	MmuINT0012262	chr11	5765457	5766435	+	0.102673
Aebp1	MmuINT0012263	chr11	5766514	5766922	+	0.126739



Aebp1	MmuINT0012265	chr11	5767155	5767642	+	0.117517
Aebp2	MmuINT0012266	chr6	1.41E+08	1.41E+08	+	0.007138
Aebp2	MmuINT0012267	chr6	1.41E+08	1.41E+08	+	0.001444
Aebp2	MmuINT0012268	chr6	1.41E+08	1.41E+08	+	0.006479
Aebp2	MmuINT0012269	chr6	1.41E+08	1.41E+08	+	0.005048
Aebp2	MmuINT0012270	chr6	1.41E+08	1.41E+08	+	0.006106
Aebp2	MmuINT0012271	chr6	1.41E+08	1.41E+08	+	0.00716
Aebp2	MmuINT0012272	chr6	1.41E+08	1.41E+08	+	0.014913
Aen	MmuINT0012274	chr7	86040901	86047115	+	0.098227
Aen	MmuINT0012275	chr7	86050930	86052029	+	0.004875
Aes	MmuINT0012276	chr10	81022414	81023963	+	0.003844
Aes	MmuINT0012277	chr10	81024062	81026839	+	0.003197
Aes	MmuINT0012278	chr10	81026904	81027417	+	0.005778
Aes	MmuINT0012279	chr10	81027463	81027592	+	0.00419
Aes	MmuINT0012280	chr10	81027656	81028036	+	0.001958
Aes	MmuINT0012281	chr10	81028112	81028216	+	0.000563
Afap1	MmuINT0012282	chr5	36236190	36278200	+	0.053391
Afap1	MmuINT0012283	chr5	36317249	36319140	+	0.027165
Afap1	MmuINT0012284	chr5	36319287	36326837	+	0.038508
Afap1	MmuINT0012285	chr5	36326956	36332202	+	0.022844
Afap1	MmuINT0012286	chr5	36332318	36336189	+	0.045688
Afap1	MmuINT0012287	chr5	36336355	36338605	+	0.019697
Afap1	MmuINT0012288	chr5	36338797	36340166	+	0.082999
Afap1	MmuINT0012289	chr5	36340332	36342347	+	0.128334
Afap1	MmuINT0012290	chr5	36278330	36278686	+	0.030517
Afap1	MmuINT0012291	chr5	36278782	36287836	+	0.048565
Afap1	MmuINT0012292	chr5	36287946	36290683	+	0.038232
Afap1	MmuINT0012293	chr5	36290896	36293503	+	0.023515
Afap1	MmuINT0012294	chr5	36293684	36304394	+	0.040885
Afap1	MmuINT0012295	chr5	36304497	36304853	+	0.040209
Afap1	MmuINT0012296	chr5	36304936	36311218	+	0.049578
Afap1	MmuINT0012297	chr5	36311369	36317036	+	0.028616
Afap1l1	MmuINT0012298	chr18	61918383	61946229	-	0.00445
Afap1l1	MmuINT0012299	chr18	61903085	61903320	-	0.039946
Afap1l1	MmuINT0012300	chr18	61901496	61902931	-	0.009101
Afap1l1	MmuINT0012301	chr18	61898924	61901283	-	0.007848
Afap1l1	MmuINT0012302	chr18	61898411	61898777	-	0.00322
Afap1l1	MmuINT0012303	chr18	61897262	61898337	-	0.021726
Afap1l1	MmuINT0012304	chr18	61896602	61897149	-	0.003426
Afap1l1	MmuINT0012305	chr18	61895401	61896436	-	0.010671
Afap1l1	MmuINT0012306	chr18	61893487	61895221	-	0.005695
Afap1l1	MmuINT0012307	chr18	61890965	61893357	-	0.007265
Afap1l1	MmuINT0012308	chr18	61917390	61918253	-	0.003632
Afap1l1	MmuINT0012309	chr18	61916589	61917305	-	0.003429
Afap1l1	MmuINT0012310	chr18	61915329	61916493	-	0.004698
Afap1l1	MmuINT0012311	chr18	61912262	61915216	-	0.004897
Afap1l1	MmuINT0012312	chr18	61911532	61912162	-	0.002303
Afap1l1	MmuINT0012313	chr18	61908530	61911319	-	0.002552
Afap1l1	MmuINT0012314	chr18	61906525	61908349	-	0.005108
Afap1l1	MmuINT0012315	chr18	61903415	61906431	-	0.005696

Aff1	MmuINT0012340	chr5	1.04E+08	1.04E+08	+	0.02367
Aff1	MmuINT0012341	chr5	1.04E+08	1.04E+08	+	0.012894
Aff1	MmuINT0012342	chr5	1.04E+08	1.04E+08	+	0.008661
Aff1	MmuINT0012343	chr5	1.04E+08	1.04E+08	+	0.01462
Aff1	MmuINT0012344	chr5	1.04E+08	1.04E+08	+	0.007883
Aff1	MmuINT0012345	chr5	1.04E+08	1.04E+08	+	0.012185
Aff1	MmuINT0012346	chr5	1.04E+08	1.04E+08	+	0.028477
Aff1	MmuINT0012347	chr5	1.04E+08	1.04E+08	+	0.01128
Aff1	MmuINT0012348	chr5	1.04E+08	1.04E+08	+	0.014474
Aff1	MmuINT0012349	chr5	1.04E+08	1.04E+08	+	0.009292
Aff1	MmuINT0012350	chr5	1.04E+08	1.04E+08	+	0.009483
Aff1	MmuINT0012351	chr5	1.04E+08	1.04E+08	+	0.012461
Aff1	MmuINT0012352	chr5	1.04E+08	1.04E+08	+	0.015092
Aff1	MmuINT0012353	chr5	1.04E+08	1.04E+08	+	0.016228
Aff1	MmuINT0012354	chr5	1.04E+08	1.04E+08	+	0.013384
Aff1	MmuINT0012355	chr5	1.04E+08	1.04E+08	+	0.052932
Aff1	MmuINT0012356	chr5	1.04E+08	1.04E+08	+	0.013249
Aff1	MmuINT0012357	chr5	1.04E+08	1.04E+08	+	0.015971
Aff1	MmuINT0012358	chr5	1.04E+08	1.04E+08	+	0.014302
Aff4	MmuINT0012400	chr11	53164632	53182161	+	0.036307
Aff4	MmuINT0012401	chr11	53211902	53213090	+	0.011843
Aff4	MmuINT0012402	chr11	53214009	53215979	+	0.011582
Aff4	MmuINT0012403	chr11	53216069	53217857	+	0.008359
Aff4	MmuINT0012404	chr11	53218105	53220082	+	0.013961
Aff4	MmuINT0012405	chr11	53220178	53221381	+	0.013354
Aff4	MmuINT0012406	chr11	53221446	53221558	+	0.012582
Aff4	MmuINT0012407	chr11	53221696	53221900	+	0.011809
Aff4	MmuINT0012408	chr11	53221973	53222769	+	0.022566
Aff4	MmuINT0012409	chr11	53222864	53224417	+	0.041896
Aff4	MmuINT0012410	chr11	53224462	53225337	+	0.036643
Aff4	MmuINT0012411	chr11	53182289	53185779	+	0.012323
Aff4	MmuINT0012412	chr11	53225559	53228889	+	0.015883
Aff4	MmuINT0012413	chr11	53186560	53189090	+	0.016274
Aff4	MmuINT0012414	chr11	53189136	53194087	+	0.03459
Aff4	MmuINT0012415	chr11	53194175	53203256	+	0.022899
Aff4	MmuINT0012416	chr11	53203294	53206272	+	0.018639
Aff4	MmuINT0012417	chr11	53206319	53210040	+	0.012766
Aff4	MmuINT0012418	chr11	53210096	53211333	+	0.019342
Aff4	MmuINT0012419	chr11	53211372	53211738	+	0.018985
Afg3l1	MmuINT0012420	chr8	1.26E+08	1.26E+08	+	0.004515
Afg3l1	MmuINT0012421	chr8	1.26E+08	1.26E+08	+	0.003418
Afg3l1	MmuINT0012422	chr8	1.26E+08	1.26E+08	+	0.002885
Afg3l1	MmuINT0012423	chr8	1.26E+08	1.26E+08	+	0.004072
Afg3l1	MmuINT0012424	chr8	1.26E+08	1.26E+08	+	0.004208
Afg3l1	MmuINT0012425	chr8	1.26E+08	1.26E+08	+	0.003801
Afg3l1	MmuINT0012426	chr8	1.26E+08	1.26E+08	+	0.002289
Afg3l1	MmuINT0012427	chr8	1.26E+08	1.26E+08	+	0.005835
Afg3l1	MmuINT0012428	chr8	1.26E+08	1.26E+08	+	0.003926
Afg3l1	MmuINT0012429	chr8	1.26E+08	1.26E+08	+	0.008561
Afg3l1	MmuINT0012430	chr8	1.26E+08	1.26E+08	+	0.003716

Afg3l1	MmuINT0012431	chr8	1.26E+08	1.26E+08	+	0.007029
Afg3l1	MmuINT0012432	chr8	1.26E+08	1.26E+08	+	0.005135
Afg3l1	MmuINT0012433	chr8	1.26E+08	1.26E+08	+	0.004458
Afg3l1	MmuINT0012434	chr8	1.26E+08	1.26E+08	+	0.005969
Afg3l1	MmuINT0012435	chr8	1.26E+08	1.26E+08	+	0.002774
Afg3l2	MmuINT0012437	chr18	67602505	67608541	-	0.006858
Afg3l2	MmuINT0012438	chr18	67580970	67582598	-	0.001141
Afg3l2	MmuINT0012439	chr18	67580766	67580861	-	0.001438
Afg3l2	MmuINT0012440	chr18	67575264	67580639	-	0.001374
Afg3l2	MmuINT0012441	chr18	67573848	67575152	-	0.001326
Afg3l2	MmuINT0012442	chr18	67569253	67573731	-	0.015085
Afg3l2	MmuINT0012443	chr18	67567115	67569051	-	0.021908
Afg3l2	MmuINT0012444	chr18	67565169	67566919	-	0.001376
Afg3l2	MmuINT0012445	chr18	67602042	67602404	-	0.002783
Afg3l2	MmuINT0012446	chr18	67600200	67601963	-	0.001971
Afg3l2	MmuINT0012447	chr18	67599989	67600095	-	0.001958
Afg3l2	MmuINT0012448	chr18	67593884	67599835	-	0.00169
Afg3l2	MmuINT0012449	chr18	67591433	67593808	-	0.001485
Afg3l2	MmuINT0012450	chr18	67588909	67591307	-	0.001304
Afg3l2	MmuINT0012451	chr18	67585681	67588634	-	0.001376
Afg3l2	MmuINT0012452	chr18	67582753	67585542	-	0.001791
Afmid	MmuINT0012468	chr11	1.18E+08	1.18E+08	+	0.045025
Afmid	MmuINT0012469	chr11	1.18E+08	1.18E+08	+	0.1722
Afmid	MmuINT0012470	chr11	1.18E+08	1.18E+08	+	0.059645
Afmid	MmuINT0012472	chr11	1.18E+08	1.18E+08	+	0.055858
Afmid	MmuINT0012473	chr11	1.18E+08	1.18E+08	+	0.033602
Afmid	MmuINT0012474	chr11	1.18E+08	1.18E+08	+	0.064747
Afmid	MmuINT0012475	chr11	1.18E+08	1.18E+08	+	0.036616
Afmid	MmuINT0012476	chr11	1.18E+08	1.18E+08	+	0.100477
Aftph	MmuINT0012491	chr11	20627643	20641308	-	0.020539
Aftph	MmuINT0012492	chr11	20612319	20625687	-	0.0114
Aftph	MmuINT0012493	chr11	20609750	20612166	-	0.021595
Aftph	MmuINT0012494	chr11	20608741	20609622	-	0.019323
Aftph	MmuINT0012495	chr11	20603837	20608683	-	0.024627
Aftph	MmuINT0012496	chr11	20598377	20603713	-	0.025863
Aftph	MmuINT0012497	chr11	20592592	20598315	-	0.141744
Aga	MmuINT0012499	chr8	54597286	54598895	+	0.005281
Aga	MmuINT0012500	chr8	54599050	54599590	+	0.003941
Aga	MmuINT0012501	chr8	54599704	54601297	+	0.006361
Aga	MmuINT0012502	chr8	54601411	54603107	+	0.007646
Aga	MmuINT0012503	chr8	54603223	54604269	+	0.013186
Aga	MmuINT0012504	chr8	54604346	54605590	+	0.03597
Aga	MmuINT0012505	chr8	54605699	54606403	+	0.031407
Aga	MmuINT0012506	chr8	54606538	54608529	+	0.079365
Agap1	MmuINT0012508	chr1	91352168	91501172	+	0.044889
Agap1	MmuINT0012509	chr1	91622641	91640302	+	0.02035
Agap1	MmuINT0012510	chr1	91640472	91662880	+	0.027837
Agap1	MmuINT0012511	chr1	91663040	91685737	+	0.023742
Agap1	MmuINT0012512	chr1	91685900	91731008	+	0.018895
Agap1	MmuINT0012513	chr1	91731164	91734286	+	0.016741

Agap1	MmuINT0012514	chr1	91734378	91739595	+	0.014383
Agap1	MmuINT0012515	chr1	91739819	91784080	+	0.016921
Agap1	MmuINT0012516	chr1	91784337	91785265	+	0.013902
Agap1	MmuINT0012517	chr1	91501232	91506070	+	0.02313
Agap1	MmuINT0012518	chr1	91506159	91524335	+	0.056893
Agap1	MmuINT0012519	chr1	91524422	91526962	+	0.02053
Agap1	MmuINT0012520	chr1	91527105	91530734	+	0.024931
Agap1	MmuINT0012521	chr1	91530870	91560235	+	0.016539
Agap1	MmuINT0012522	chr1	91560364	91561608	+	0.015508
Agap1	MmuINT0012523	chr1	91561765	91567753	+	0.015748
Agap1	MmuINT0012524	chr1	91567847	91622535	+	0.024165
Agap2	MmuINT0012525	chr10	1.27E+08	1.27E+08	+	0.119212
Agap2	MmuINT0012526	chr10	1.27E+08	1.27E+08	+	0.031266
Agap2	MmuINT0012527	chr10	1.27E+08	1.27E+08	+	0.031811
Agap2	MmuINT0012528	chr10	1.27E+08	1.27E+08	+	0.048825
Agap2	MmuINT0012531	chr10	1.27E+08	1.27E+08	+	0.0342
Agap2	MmuINT0012532	chr10	1.27E+08	1.27E+08	+	0.045833
Agap2	MmuINT0012533	chr10	1.27E+08	1.27E+08	+	0.072227
Agap2	MmuINT0012534	chr10	1.27E+08	1.27E+08	+	0.056092
Agap2	MmuINT0012535	chr10	1.27E+08	1.27E+08	+	0.053138
Agap2	MmuINT0012536	chr10	1.27E+08	1.27E+08	+	0.058255
Agap2	MmuINT0012538	chr10	1.27E+08	1.27E+08	+	0.101097
Agap2	MmuINT0012539	chr10	1.27E+08	1.27E+08	+	0.066062
Agap2	MmuINT0012540	chr10	1.27E+08	1.27E+08	+	0.045996
Agap2	MmuINT0012542	chr10	1.27E+08	1.27E+08	+	0.061133
Agap3	MmuINT0012543	chr5	23958353	23982195	+	0.007185
Agap3	MmuINT0012544	chr5	23993712	23998775	+	0.026412
Agap3	MmuINT0012545	chr5	23998945	24002550	+	0.329902
Agap3	MmuINT0012546	chr5	24002722	24003887	+	0.299518
Agap3	MmuINT0012547	chr5	24004026	24005475	+	0.401671
Agap3	MmuINT0012548	chr5	24005631	24005732	+	0.011264
Agap3	MmuINT0012549	chr5	24005824	24005940	+	0.042657
Agap3	MmuINT0012550	chr5	24006164	24006827	+	0.024409
Agap3	MmuINT0012551	chr5	24007084	24007214	+	0.007665
Agap3	MmuINT0012552	chr5	23982255	23982450	+	0.005156
Agap3	MmuINT0012553	chr5	23982539	23982721	+	0.003664
Agap3	MmuINT0012554	chr5	23982808	23982886	+	0.009121
Agap3	MmuINT0012555	chr5	23983029	23983556	+	0.004232
Agap3	MmuINT0012556	chr5	23983692	23983827	+	0.004584
Agap3	MmuINT0012557	chr5	23983956	23985448	+	0.004635
Agap3	MmuINT0012558	chr5	23985608	23989158	+	0.047859
Agap3	MmuINT0012559	chr5	23989252	23993606	+	0.024346
Agbl3	MmuINT0012577	chr6	34731060	34732099	+	0.242525
Agbl3	MmuINT0012587	chr6	34732219	34733569	+	0.242198
Agbl3	MmuINT0012588	chr6	34733631	34735190	+	0.232609
Agbl5	MmuINT0012608	chr5	31205582	31207075	+	0.146268
Agbl5	MmuINT0012611	chr5	31208135	31208488	+	0.136531
Agbl5	MmuINT0012615	chr5	31192754	31192971	+	0.175665
Agbl5	MmuINT0012616	chr5	31193144	31193432	+	0.03902
Agbl5	MmuINT0012617	chr5	31193597	31194185	+	0.033427

Agbl5	MmuINT0012618	chr5	31194364	31194810	+	0.041765
Agbl5	MmuINT0012619	chr5	31194990	31195377	+	0.054017
Agbl5	MmuINT0012620	chr5	31195835	31196273	+	0.12328
Agbl5	MmuINT0012621	chr5	31196444	31196747	+	0.060022
Agbl5	MmuINT0012622	chr5	31196884	31197369	+	0.047915
Agfg1	MmuINT0012633	chr1	82836465	82854930	+	0.01394
Agfg1	MmuINT0012634	chr1	82883043	82889998	+	0.032916
Agfg1	MmuINT0012635	chr1	82890158	82891056	+	0.388529
Agfg1	MmuINT0012636	chr1	82891143	82891573	+	0.009388
Agfg1	MmuINT0012637	chr1	82855025	82867259	+	0.010904
Agfg1	MmuINT0012638	chr1	82867376	82871862	+	0.008565
Agfg1	MmuINT0012639	chr1	82872026	82872745	+	0.013646
Agfg1	MmuINT0012640	chr1	82872900	82876582	+	0.014683
Agfg1	MmuINT0012641	chr1	82876703	82878802	+	0.052438
Agfg1	MmuINT0012642	chr1	82879013	82879755	+	0.011874
Agfg1	MmuINT0012643	chr1	82879937	82882685	+	0.021839
Agfg1	MmuINT0012644	chr1	82882763	82882949	+	0.02353
Agfg2	MmuINT0012645	chr5	1.38E+08	1.38E+08	-	0.016781
Agfg2	MmuINT0012646	chr5	1.38E+08	1.38E+08	-	0.030529
Agfg2	MmuINT0012647	chr5	1.38E+08	1.38E+08	-	0.042462
Agfg2	MmuINT0012648	chr5	1.38E+08	1.38E+08	-	0.020157
Agfg2	MmuINT0012649	chr5	1.38E+08	1.38E+08	-	0.023936
Agfg2	MmuINT0012650	chr5	1.38E+08	1.38E+08	-	0.033204
Agfg2	MmuINT0012651	chr5	1.38E+08	1.38E+08	-	0.032479
Agfg2	MmuINT0012652	chr5	1.38E+08	1.38E+08	-	0.034118
Agfg2	MmuINT0012653	chr5	1.38E+08	1.38E+08	-	0.033447
Agfg2	MmuINT0012654	chr5	1.38E+08	1.38E+08	-	0.026498
Aggf1	MmuINT0012655	chr13	96141599	96144800	-	0.013575
Aggf1	MmuINT0012656	chr13	96126431	96127151	-	0.007089
Aggf1	MmuINT0012657	chr13	96124033	96126347	-	0.016658
Aggf1	MmuINT0012658	chr13	96122802	96123904	-	0.019156
Aggf1	MmuINT0012659	chr13	96121658	96122701	-	0.015071
Aggf1	MmuINT0012660	chr13	96140915	96141495	-	0.009896
Aggf1	MmuINT0012661	chr13	96139514	96140711	-	0.010292
Aggf1	MmuINT0012662	chr13	96138524	96139351	-	0.008256
Aggf1	MmuINT0012663	chr13	96134958	96138334	-	0.007856
Aggf1	MmuINT0012664	chr13	96132904	96134635	-	0.007571
Aggf1	MmuINT0012665	chr13	96132476	96132791	-	0.011165
Aggf1	MmuINT0012666	chr13	96128767	96132423	-	0.021428
Aggf1	MmuINT0012667	chr13	96127318	96128664	-	0.025117
Agk	MmuINT0012669	chr6	40331283	40333758	+	0.002333
Agk	MmuINT0012681	chr6	40318675	40326220	+	0.015595
AgI	MmuINT0012683	chr3	1.17E+08	1.17E+08	-	0.004498
AgI	MmuINT0012684	chr3	1.16E+08	1.16E+08	-	0.003216
AgI	MmuINT0012685	chr3	1.16E+08	1.16E+08	-	0.001837
AgI	MmuINT0012686	chr3	1.16E+08	1.16E+08	-	0.003452
AgI	MmuINT0012687	chr3	1.16E+08	1.16E+08	-	0.001933
AgI	MmuINT0012688	chr3	1.16E+08	1.16E+08	-	0.002144
AgI	MmuINT0012689	chr3	1.16E+08	1.16E+08	-	0.001704
AgI	MmuINT0012690	chr3	1.16E+08	1.16E+08	-	0.001711

Agl	MmuINT0012691	chr3	1.16E+08	1.16E+08	-	0.003912
Agl	MmuINT0012692	chr3	1.16E+08	1.16E+08	-	0.001971
Agl	MmuINT0012693	chr3	1.16E+08	1.16E+08	-	0.002286
Agl	MmuINT0012694	chr3	1.16E+08	1.17E+08	-	0.001665
Agl	MmuINT0012695	chr3	1.16E+08	1.16E+08	-	0.011289
Agl	MmuINT0012696	chr3	1.16E+08	1.16E+08	-	0.001316
Agl	MmuINT0012697	chr3	1.16E+08	1.16E+08	-	0.001332
Agl	MmuINT0012698	chr3	1.16E+08	1.16E+08	-	0.001567
Agl	MmuINT0012699	chr3	1.16E+08	1.16E+08	-	0.001588
Agl	MmuINT0012700	chr3	1.16E+08	1.16E+08	-	0.003001
Agl	MmuINT0012701	chr3	1.16E+08	1.16E+08	-	0.001322
Agl	MmuINT0012702	chr3	1.16E+08	1.16E+08	-	0.001101
Agl	MmuINT0012703	chr3	1.16E+08	1.16E+08	-	0.00222
Agl	MmuINT0012704	chr3	1.16E+08	1.16E+08	-	0.001496
Agl	MmuINT0012705	chr3	1.16E+08	1.16E+08	-	0.004369
Agl	MmuINT0012706	chr3	1.16E+08	1.16E+08	-	0.002607
Agl	MmuINT0012707	chr3	1.16E+08	1.16E+08	-	0.010682
Agl	MmuINT0012708	chr3	1.16E+08	1.16E+08	-	0.002846
Agl	MmuINT0012709	chr3	1.16E+08	1.16E+08	-	0.010279
Agl	MmuINT0012710	chr3	1.16E+08	1.16E+08	-	0.001526
Agl	MmuINT0012711	chr3	1.16E+08	1.16E+08	-	0.008733
Agl	MmuINT0012712	chr3	1.16E+08	1.16E+08	-	0.002595
Agl	MmuINT0012713	chr3	1.16E+08	1.16E+08	-	0.003544
Agl	MmuINT0012714	chr3	1.16E+08	1.16E+08	-	0.002819
Agl	MmuINT0012715	chr3	1.16E+08	1.16E+08	-	0.002167
Agpat1	MmuINT0012722	chr17	34743117	34747389	+	0.008519
Agpat1	MmuINT0012723	chr17	34747590	34747816	+	0.005921
Agpat1	MmuINT0012724	chr17	34747951	34748218	+	0.070702
Agpat1	MmuINT0012725	chr17	34748395	34748549	+	0.005505
Agpat1	MmuINT0012726	chr17	34748646	34748735	+	0.009121
Agpat1	MmuINT0012727	chr17	34748812	34749197	+	0.004211
Agpat2	MmuINT0012729	chr2	26452858	26459548	-	0.020906
Agpat2	MmuINT0012730	chr2	26451987	26452723	-	0.009314
Agpat2	MmuINT0012731	chr2	26451696	26451810	-	0.003398
Agpat2	MmuINT0012732	chr2	26450373	26451599	-	0.00545
Agpat2	MmuINT0012733	chr2	26449283	26450299	-	0.013868
Agpat3	MmuINT0012734	chr10	77792082	77814371	-	0.006816
Agpat3	MmuINT0012735	chr10	77750819	77792020	-	0.003658
Agpat3	MmuINT0012736	chr10	77747910	77750591	-	0.012219
Agpat3	MmuINT0012737	chr10	77747096	77747739	-	0.002523
Agpat3	MmuINT0012738	chr10	77745994	77746933	-	0.001799
Agpat3	MmuINT0012739	chr10	77745222	77745839	-	0.00247
Agpat3	MmuINT0012740	chr10	77740831	77745118	-	0.00158
Agpat3	MmuINT0012741	chr10	77737016	77740754	-	0.001635
Agpat3	MmuINT0012742	chr10	77736521	77736816	-	0.019394
Agpat4	MmuINT0012743	chr17	12312282	12344557	+	0.04232
Agpat4	MmuINT0012744	chr17	12344816	12391617	+	0.052003
Agpat4	MmuINT0012745	chr17	12391788	12403076	+	0.090641
Agpat4	MmuINT0012746	chr17	12403239	12403504	+	0.063034
Agpat4	MmuINT0012747	chr17	12403659	12406320	+	0.069605

Agpat4	MmuINT0012748	chr17	12406424	12408141	+	0.083044
Agpat4	MmuINT0012750	chr17	12409759	12411850	+	0.096365
Agpat5	MmuINT0012751	chr8	18846779	18861476	+	0.013662
Agpat5	MmuINT0012752	chr8	18861547	18868892	+	0.011923
Agpat5	MmuINT0012753	chr8	18869009	18870837	+	0.007076
Agpat5	MmuINT0012754	chr8	18870928	18876039	+	0.009806
Agpat5	MmuINT0012755	chr8	18876131	18878006	+	0.010647
Agpat5	MmuINT0012756	chr8	18878169	18879604	+	0.012776
Agpat5	MmuINT0012757	chr8	18879729	18881737	+	0.005558
Agpat6	MmuINT0012758	chr8	24302165	24318770	-	0.008026
Agpat6	MmuINT0012759	chr8	24286109	24289886	-	0.05467
Agpat6	MmuINT0012760	chr8	24285892	24285979	-	0.008038
Agpat6	MmuINT0012761	chr8	24285133	24285811	-	0.014894
Agpat6	MmuINT0012762	chr8	24295071	24301187	-	0.003123
Agpat6	MmuINT0012764	chr8	24292320	24293134	-	0.008473
Agpat6	MmuINT0012765	chr8	24291422	24292244	-	0.009746
Agpat6	MmuINT0012766	chr8	24291199	24291331	-	0.00913
Agpat6	MmuINT0012767	chr8	24290689	24291104	-	0.028083
Agpat6	MmuINT0012768	chr8	24290297	24290572	-	0.015186
Agpat6	MmuINT0012769	chr8	24289973	24290240	-	0.023839
Agpat9	MmuINT0012770	chr5	1.01E+08	1.01E+08	+	0.22016
Agpat9	MmuINT0012771	chr5	1.01E+08	1.01E+08	+	0.010822
Agpat9	MmuINT0012772	chr5	1.01E+08	1.01E+08	+	0.012882
Agpat9	MmuINT0012773	chr5	1.01E+08	1.01E+08	+	0.014663
Agpat9	MmuINT0012774	chr5	1.01E+08	1.01E+08	+	0.015676
Agpat9	MmuINT0012775	chr5	1.01E+08	1.01E+08	+	0.013798
Agpat9	MmuINT0012776	chr5	1.01E+08	1.01E+08	+	0.017718
Agpat9	MmuINT0012777	chr5	1.01E+08	1.01E+08	+	0.0175
Agpat9	MmuINT0012778	chr5	1.01E+08	1.01E+08	+	0.014997
Agpat9	MmuINT0012779	chr5	1.01E+08	1.01E+08	+	0.032853
Agpat9	MmuINT0012780	chr5	1.01E+08	1.01E+08	+	0.011076
Agpat9	MmuINT0012781	chr5	1.01E+08	1.01E+08	+	0.019069
Agps	MmuINT0012786	chr2	75670569	75689550	+	0.035583
Agps	MmuINT0012787	chr2	75706471	75715527	+	0.015601
Agps	MmuINT0012788	chr2	75715656	75726172	+	0.040471
Agps	MmuINT0012789	chr2	75726225	75729848	+	0.019472
Agps	MmuINT0012790	chr2	75729926	75732101	+	0.028375
Agps	MmuINT0012791	chr2	75732215	75738238	+	0.037091
Agps	MmuINT0012792	chr2	75738309	75740974	+	0.021506
Agps	MmuINT0012793	chr2	75741037	75742915	+	0.0207
Agps	MmuINT0012794	chr2	75743006	75747657	+	0.017284
Agps	MmuINT0012795	chr2	75747758	75749677	+	0.019232
Agps	MmuINT0012796	chr2	75749736	75763978	+	0.016529
Agps	MmuINT0012797	chr2	75689641	75690778	+	0.020432
Agps	MmuINT0012798	chr2	75690870	75692226	+	0.021503
Agps	MmuINT0012799	chr2	75692348	75692587	+	0.023222
Agps	MmuINT0012800	chr2	75692663	75695073	+	0.021313
Agps	MmuINT0012801	chr2	75695146	75696955	+	0.018247
Agps	MmuINT0012802	chr2	75697036	75699990	+	0.015127
Agps	MmuINT0012803	chr2	75700072	75704803	+	0.011732

Agps	MmuINT0012804	chr2	75704930	75706361	+	0.012534
Agrn	MmuINT0012819	chr4	1.56E+08	1.56E+08	-	0.027929
Agrn	MmuINT0012820	chr4	1.56E+08	1.56E+08	-	0.013284
Agrn	MmuINT0012821	chr4	1.56E+08	1.56E+08	-	0.012201
Agrn	MmuINT0012822	chr4	1.56E+08	1.56E+08	-	0.007534
Agrn	MmuINT0012823	chr4	1.56E+08	1.56E+08	-	0.014017
Agrn	MmuINT0012824	chr4	1.56E+08	1.56E+08	-	0.030114
Agrn	MmuINT0012825	chr4	1.56E+08	1.56E+08	-	0.013196
Agrn	MmuINT0012826	chr4	1.56E+08	1.56E+08	-	0.169396
Agrn	MmuINT0012827	chr4	1.56E+08	1.56E+08	-	0.228871
Agrn	MmuINT0012828	chr4	1.56E+08	1.56E+08	-	0.040362
Agrn	MmuINT0012829	chr4	1.56E+08	1.56E+08	-	0.006678
Agrn	MmuINT0012830	chr4	1.56E+08	1.56E+08	-	0.033586
Agrn	MmuINT0012831	chr4	1.56E+08	1.56E+08	-	0.009881
Agrn	MmuINT0012832	chr4	1.56E+08	1.56E+08	-	0.00773
Agrn	MmuINT0012833	chr4	1.56E+08	1.56E+08	-	0.011153
Agrn	MmuINT0012834	chr4	1.56E+08	1.56E+08	-	0.058451
Agrn	MmuINT0012835	chr4	1.56E+08	1.56E+08	-	0.011489
Agrn	MmuINT0012836	chr4	1.56E+08	1.56E+08	-	0.011479
Agrn	MmuINT0012837	chr4	1.56E+08	1.56E+08	-	0.012559
Agrn	MmuINT0012838	chr4	1.56E+08	1.56E+08	-	0.042396
Agrn	MmuINT0012839	chr4	1.56E+08	1.56E+08	-	0.056278
Agrn	MmuINT0012840	chr4	1.56E+08	1.56E+08	-	0.014904
Agrn	MmuINT0012841	chr4	1.56E+08	1.56E+08	-	0.013211
Agrn	MmuINT0012842	chr4	1.56E+08	1.56E+08	-	0.16506
Agrn	MmuINT0012843	chr4	1.56E+08	1.56E+08	-	0.027398
Agrn	MmuINT0012844	chr4	1.56E+08	1.56E+08	-	0.03108
Agrn	MmuINT0012845	chr4	1.56E+08	1.56E+08	-	0.06185
Agrn	MmuINT0012846	chr4	1.56E+08	1.56E+08	-	0.011619
Agrn	MmuINT0012847	chr4	1.56E+08	1.56E+08	-	0.351338
Agrn	MmuINT0012848	chr4	1.56E+08	1.56E+08	-	0.028128
Agrn	MmuINT0012849	chr4	1.56E+08	1.56E+08	-	0.009415
Agrn	MmuINT0012850	chr4	1.56E+08	1.56E+08	-	0.013311
Agrn	MmuINT0012851	chr4	1.56E+08	1.56E+08	-	0.010828
Agt	MmuINT0012857	chr8	1.27E+08	1.27E+08	-	0.043015
Agt	MmuINT0012858	chr8	1.27E+08	1.27E+08	-	0.030311
Agt	MmuINT0012859	chr8	1.27E+08	1.27E+08	-	0.025095
Agtpbp1	MmuINT0012860	chr13	59645813	59658583	-	0.205012
Agtpbp1	MmuINT0012861	chr13	59613863	59615447	-	0.003425
Agtpbp1	MmuINT0012862	chr13	59609418	59613684	-	0.01739
Agtpbp1	MmuINT0012863	chr13	59605672	59609319	-	0.008726
Agtpbp1	MmuINT0012864	chr13	59602064	59605554	-	0.003811
Agtpbp1	MmuINT0012865	chr13	59598421	59601374	-	0.002668
Agtpbp1	MmuINT0012867	chr13	59596843	59596923	-	0.006183
Agtpbp1	MmuINT0012868	chr13	59595232	59596693	-	0.063457
Agtpbp1	MmuINT0012869	chr13	59637735	59645747	-	0.004978
Agtpbp1	MmuINT0012870	chr13	59634601	59637609	-	0.004359
Agtpbp1	MmuINT0012871	chr13	59633438	59634532	-	0.003429
Agtpbp1	MmuINT0012872	chr13	59632565	59633373	-	0.028883
Agtpbp1	MmuINT0012873	chr13	59629880	59632417	-	0.017875



Agtpbp1	MmuINT0012874	chr13	59626601	59629747	-	0.003223
Agtpbp1	MmuINT0012875	chr13	59619052	59626506	-	0.007511
Agtpbp1	MmuINT0012876	chr13	59615657	59619013	-	0.003729
Agtpbp1	MmuINT0012878	chr13	59578500	59583877	-	0.003785
Agtpbp1	MmuINT0012879	chr13	59577175	59578354	-	0.0025
Agtpbp1	MmuINT0012880	chr13	59576074	59577020	-	0.002276
Agtpbp1	MmuINT0012881	chr13	59575179	59575892	-	0.046416
Agtpbp1	MmuINT0012882	chr13	59567478	59575048	-	0.002707
Agtpbp1	MmuINT0012883	chr13	59563535	59567345	-	0.002662
Agtpbp1	MmuINT0012884	chr13	59561991	59563357	-	0.001787
Agtpbp1	MmuINT0012885	chr13	59551676	59561829	-	0.070707
Agtr1a	MmuINT0012886	chr13	30428459	30436805	+	0.009424
Agtr1a	MmuINT0012887	chr13	30436890	30472770	+	0.01292
Agtrap	MmuINT0012892	chr4	1.47E+08	1.47E+08	-	0.011424
Agtrap	MmuINT0012893	chr4	1.47E+08	1.47E+08	-	0.006544
Agtrap	MmuINT0012894	chr4	1.47E+08	1.47E+08	-	0.005058
Agxt2l2	MmuINT0012930	chr11	51398382	51399015	+	0.03374
Agxt2l2	MmuINT0012931	chr11	51412243	51412967	+	0.266552
Agxt2l2	MmuINT0012932	chr11	51399135	51400062	+	0.031017
Agxt2l2	MmuINT0012933	chr11	51400223	51404900	+	0.058045
Agxt2l2	MmuINT0012934	chr11	51404976	51405507	+	0.064569
Agxt2l2	MmuINT0012935	chr11	51405596	51405670	+	0.067754
Agxt2l2	MmuINT0012936	chr11	51405788	51407105	+	0.081909
Agxt2l2	MmuINT0012937	chr11	51407189	51407417	+	0.131449
Agxt2l2	MmuINT0012938	chr11	51407644	51411777	+	0.167291
Agxt2l2	MmuINT0012939	chr11	51411933	51412152	+	0.229019
Ahctf1	MmuINT0012941	chr1	1.82E+08	1.82E+08	-	0.038914
Ahctf1	MmuINT0012942	chr1	1.82E+08	1.82E+08	-	0.046982
Ahctf1	MmuINT0012943	chr1	1.82E+08	1.82E+08	-	0.029248
Ahctf1	MmuINT0012944	chr1	1.82E+08	1.82E+08	-	0.042113
Ahctf1	MmuINT0012945	chr1	1.82E+08	1.82E+08	-	0.035218
Ahctf1	MmuINT0012946	chr1	1.82E+08	1.82E+08	-	0.05379
Ahctf1	MmuINT0012947	chr1	1.82E+08	1.82E+08	-	0.036815
Ahctf1	MmuINT0012948	chr1	1.82E+08	1.82E+08	-	0.029446
Ahctf1	MmuINT0012949	chr1	1.82E+08	1.82E+08	-	0.125296
Ahctf1	MmuINT0012950	chr1	1.82E+08	1.82E+08	-	0.033369
Ahctf1	MmuINT0012951	chr1	1.82E+08	1.82E+08	-	0.044925
Ahctf1	MmuINT0012952	chr1	1.82E+08	1.82E+08	-	0.039914
Ahctf1	MmuINT0012953	chr1	1.82E+08	1.82E+08	-	0.022864
Ahctf1	MmuINT0012954	chr1	1.82E+08	1.82E+08	-	0.022406
Ahctf1	MmuINT0012955	chr1	1.82E+08	1.82E+08	-	0.03733
Ahctf1	MmuINT0012956	chr1	1.82E+08	1.82E+08	-	0.028466
Ahctf1	MmuINT0012957	chr1	1.82E+08	1.82E+08	-	0.022334
Ahctf1	MmuINT0012958	chr1	1.82E+08	1.82E+08	-	0.032538
Ahctf1	MmuINT0012959	chr1	1.82E+08	1.82E+08	-	0.021668
Ahctf1	MmuINT0012960	chr1	1.82E+08	1.82E+08	-	0.021836
Ahctf1	MmuINT0012961	chr1	1.82E+08	1.82E+08	-	0.028775
Ahctf1	MmuINT0012962	chr1	1.82E+08	1.82E+08	-	0.043384
Ahctf1	MmuINT0012963	chr1	1.82E+08	1.82E+08	-	0.079511
Ahctf1	MmuINT0012964	chr1	1.82E+08	1.82E+08	-	0.031719

Ahctf1	MmuINT0012965	chr1	1.82E+08	1.82E+08	-	0.045266
Ahctf1	MmuINT0012966	chr1	1.82E+08	1.82E+08	-	0.041482
Ahctf1	MmuINT0012967	chr1	1.82E+08	1.82E+08	-	0.046658
Ahctf1	MmuINT0012968	chr1	1.82E+08	1.82E+08	-	0.078489
Ahctf1	MmuINT0012969	chr1	1.82E+08	1.82E+08	-	0.030277
Ahctf1	MmuINT0012970	chr1	1.82E+08	1.82E+08	-	0.038404
Ahctf1	MmuINT0012971	chr1	1.82E+08	1.82E+08	-	0.040347
Ahctf1	MmuINT0012972	chr1	1.82E+08	1.82E+08	-	0.034864
Ahctf1	MmuINT0012973	chr1	1.82E+08	1.82E+08	-	0.045034
Ahctf1	MmuINT0012974	chr1	1.82E+08	1.82E+08	-	0.043686
Ahcyl1	MmuINT0012984	chr3	1.07E+08	1.07E+08	-	0.01293
Ahcyl1	MmuINT0012985	chr3	1.07E+08	1.07E+08	-	0.015177
Ahcyl1	MmuINT0012986	chr3	1.07E+08	1.07E+08	-	0.006175
Ahcyl1	MmuINT0012987	chr3	1.07E+08	1.07E+08	-	0.008909
Ahcyl1	MmuINT0012988	chr3	1.07E+08	1.07E+08	-	0.016678
Ahcyl1	MmuINT0012989	chr3	1.07E+08	1.07E+08	-	0.005636
Ahcyl1	MmuINT0012990	chr3	1.07E+08	1.07E+08	-	0.019616
Ahcyl1	MmuINT0012991	chr3	1.07E+08	1.07E+08	-	0.036977
Ahcyl1	MmuINT0012992	chr3	1.07E+08	1.07E+08	-	0.003345
Ahcyl1	MmuINT0012993	chr3	1.07E+08	1.07E+08	-	0.050825
Ahcyl1	MmuINT0012994	chr3	1.07E+08	1.07E+08	-	0.007695
Ahcyl1	MmuINT0012995	chr3	1.07E+08	1.07E+08	-	0.003298
Ahcyl1	MmuINT0012996	chr3	1.07E+08	1.07E+08	-	0.006182
Ahcyl1	MmuINT0012997	chr3	1.07E+08	1.07E+08	-	0.012048
Ahcyl1	MmuINT0012998	chr3	1.07E+08	1.07E+08	-	0.040075
Ahcyl1	MmuINT0012999	chr3	1.07E+08	1.07E+08	-	0.067212
Ahcyl2	MmuINT0013002	chr6	29841290	29844818	+	0.0211
Ahcyl2	MmuINT0013003	chr6	29844890	29846321	+	0.023551
Ahcyl2	MmuINT0013004	chr6	29846417	29853188	+	0.041985
Ahcyl2	MmuINT0013005	chr6	29853288	29856507	+	0.027181
Ahcyl2	MmuINT0013006	chr6	29856577	29856680	+	0.019161
Ahcyl2	MmuINT0013007	chr6	29856760	29858346	+	0.013206
Ahcyl2	MmuINT0013008	chr6	29858468	29859039	+	0.015391
Ahcyl2	MmuINT0013009	chr6	29820712	29821185	+	0.024174
Ahcyl2	MmuINT0013010	chr6	29821287	29828528	+	0.0228
Ahcyl2	MmuINT0013011	chr6	29828632	29830548	+	0.022652
Ahcyl2	MmuINT0013012	chr6	29830644	29833622	+	0.026782
Ahcyl2	MmuINT0013013	chr6	29833730	29836117	+	0.027149
Ahcyl2	MmuINT0013014	chr6	29836235	29840680	+	0.021604
Ahcyl2	MmuINT0013015	chr6	29840745	29841200	+	0.028488
Ahdc1	MmuINT0013017	chr4	1.33E+08	1.33E+08	+	0.059677
Ahdc1	MmuINT0013019	chr4	1.33E+08	1.33E+08	+	0.038929
Ahdc1	MmuINT0013021	chr4	1.33E+08	1.33E+08	+	0.035426
Ahnak	MmuINT0013047	chr19	9111749	9151065	+	0.045488
Ahnak	MmuINT0013048	chr19	9063920	9074151	+	0.009766
Ahnak	MmuINT0013049	chr19	9074263	9074589	+	0.008234
Ahnak	MmuINT0013050	chr19	9074747	9075165	+	0.013978
Ahnak	MmuINT0013051	chr19	9075354	9076188	+	0.011295
Ahsa1	MmuINT0013072	chr12	88607872	88609104	+	0.001969
Ahsa1	MmuINT0013073	chr12	88609296	88610824	+	0.003142

Ahsa1	MmuINT0013074	chr12	88610908	88611286	+	0.002936
Ahsa1	MmuINT0013075	chr12	88611405	88612288	+	0.00367
Ahsa1	MmuINT0013076	chr12	88612378	88613521	+	0.010379
Ahsa1	MmuINT0013077	chr12	88613651	88614072	+	0.004258
Ahsa1	MmuINT0013078	chr12	88614175	88614396	+	0.006006
Ahsa1	MmuINT0013079	chr12	88614449	88614540	+	0.009217
Ahsa2	MmuINT0013080	chr11	23396882	23397774	-	0.015226
Ahsa2	MmuINT0013081	chr11	23395065	23396690	-	0.039435
Ahsa2	MmuINT0013082	chr11	23393394	23394978	-	0.057085
Ahsa2	MmuINT0013083	chr11	23392307	23393278	-	0.100128
Ahsa2	MmuINT0013084	chr11	23391583	23392217	-	0.090493
Ahsa2	MmuINT0013085	chr11	23391115	23391474	-	0.051803
Ahsa2	MmuINT0013086	chr11	23390721	23391012	-	0.037601
Ahsa2	MmuINT0013087	chr11	23390571	23390668	-	0.014364
Ahsg	MmuINT0013088	chr16	22892401	22894397	+	0.035462
Ahsg	MmuINT0013091	chr16	22895431	22896580	+	0.059229
Ahsg	MmuINT0013092	chr16	22896683	22898200	+	0.016309
Ahsg	MmuINT0013093	chr16	22898285	22898869	+	0.022854
Aif1	MmuINT0013100	chr17	35309292	35309459	-	0.075233
Aif1	MmuINT0013101	chr17	35309140	35309229	-	0.061051
Aif1	MmuINT0013102	chr17	35308750	35309072	-	0.152013
Aif1	MmuINT0013103	chr17	35308522	35308707	-	0.055925
Aif1	MmuINT0013104	chr17	35308139	35308358	-	0.04161
Aifm1	MmuINT0013110	chrX	45858130	45866412	-	0.003068
Aifm1	MmuINT0013111	chrX	45835988	45836331	-	0.001748
Aifm1	MmuINT0013113	chrX	45833445	45835141	-	0.002959
Aifm1	MmuINT0013114	chrX	45831002	45833301	-	0.009625
Aifm1	MmuINT0013115	chrX	45828937	45830876	-	0.003741
Aifm1	MmuINT0013116	chrX	45828366	45828739	-	0.002536
Aifm1	MmuINT0013117	chrX	45853049	45857986	-	0.001788
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Aifm1	MmuINT0013121	chrX	45839408	45847915	-	0.002998
Aifm1	MmuINT0013122	chrX	45838712	45839322	-	0.002494
Aifm1	MmuINT0013123	chrX	45837813	45838634	-	0.003416
Aifm1	MmuINT0013124	chrX	45836440	45837703	-	0.009879
Aifm2	MmuINT0013126	chr10	61178101	61188603	+	0.013198
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Aifm2	MmuINT0013128	chr10	61189229	61190394	+	0.007129
Aifm2	MmuINT0013129	chr10	61190515	61190876	+	0.017827
Aifm2	MmuINT0013130	chr10	61190970	61195070	+	0.017367
Aifm2	MmuINT0013131	chr10	61195180	61197024	+	0.070355
Aifm2	MmuINT0013132	chr10	61197178	61198205	+	0.050205
Aifm2	MmuINT0013133	chr10	61198407	61199330	+	0.007505
Aig1	MmuINT0013154	chr10	13549205	13588423	-	0.004773
Aig1	MmuINT0013155	chr10	13521756	13549048	-	0.003312
Aig1	MmuINT0013156	chr10	13410446	13521653	-	0.006951
Aig1	MmuINT0013157	chr10	13373556	13410329	-	0.004519
Aig1	MmuINT0013158	chr10	13372818	13373391	-	0.095906

Aim1	MmuINT0013167	chr10	43678213	43678619	-	0.295363
Aim1	MmuINT0013168	chr10	43676618	43678053	-	0.326845
Aim1	MmuINT0013169	chr10	43671764	43676454	-	0.239185
Aim2	MmuINT0013203	chr1	1.75E+08	1.75E+08	+	0.104484
Aim2	MmuINT0013204	chr1	1.75E+08	1.75E+08	+	0.057858
Aimp1	MmuINT0013205	chr3	1.32E+08	1.32E+08	-	0.003515
Aimp1	MmuINT0013206	chr3	1.32E+08	1.32E+08	-	0.002381
Aimp1	MmuINT0013207	chr3	1.32E+08	1.32E+08	-	0.001882
Aimp1	MmuINT0013208	chr3	1.32E+08	1.32E+08	-	0.001762
Aimp1	MmuINT0013209	chr3	1.32E+08	1.32E+08	-	0.007628
Aimp1	MmuINT0013210	chr3	1.32E+08	1.32E+08	-	0.001305
Aimp2	MmuINT0013212	chr5	1.45E+08	1.45E+08	-	0.043968
Aimp2	MmuINT0013213	chr5	1.45E+08	1.45E+08	-	0.077362
Aip	MmuINT0013215	chr19	4118267	4121335	-	0.003017
Aip	MmuINT0013216	chr19	4116171	4118086	-	0.006076
Aip	MmuINT0013217	chr19	4115497	4115981	-	0.002056
Aip	MmuINT0013218	chr19	4115223	4115319	-	0.004011
Aip	MmuINT0013219	chr19	4114797	4115080	-	0.004732
Airn	MmuINT0013243	chr17	12972379	13007361	+	0.889183
Ak1	MmuINT0013249	chr2	32485137	32485368	+	0.964832
Ak1	MmuINT0013250	chr2	32485405	32485754	+	0.00578
Ak1	MmuINT0013251	chr2	32485919	32486595	+	0.00353
Ak1	MmuINT0013252	chr2	32486713	32488813	+	0.00249
Ak1	MmuINT0013253	chr2	32489006	32489160	+	0.006225
Ak2	MmuINT0013254	chr4	1.29E+08	1.29E+08	+	0.002311
Ak2	MmuINT0013255	chr4	1.29E+08	1.29E+08	+	0.003088
Ak2	MmuINT0013256	chr4	1.29E+08	1.29E+08	+	0.005168
Ak2	MmuINT0013257	chr4	1.29E+08	1.29E+08	+	0.005264
Ak2	MmuINT0013258	chr4	1.29E+08	1.29E+08	+	0.002781
Ak3	MmuINT0013259	chr19	29112482	29122168	-	0.007898
Ak3	MmuINT0013260	chr19	29101834	29112361	-	0.016422
Ak3	MmuINT0013261	chr19	29100821	29101660	-	0.066479
Ak3	MmuINT0013262	chr19	29097437	29100701	-	0.094799
Akap1	MmuINT0013297	chr11	88707180	88725710	-	0.00306
Akap1	MmuINT0013298	chr11	88693144	88693621	-	0.00298
Akap1	MmuINT0013299	chr11	88702617	88705572	-	0.017736
Akap1	MmuINT0013300	chr11	88701066	88702482	-	0.016903
Akap1	MmuINT0013301	chr11	88700372	88700938	-	0.004061
Akap1	MmuINT0013302	chr11	88698504	88700243	-	0.00593
Akap1	MmuINT0013303	chr11	88696545	88698325	-	0.004844
Akap1	MmuINT0013304	chr11	88696044	88696393	-	0.004934
Akap1	MmuINT0013305	chr11	88694530	88695975	-	0.012232
Akap1	MmuINT0013306	chr11	88693685	88694455	-	0.00256
Akap10	MmuINT0013308	chr11	61736332	61743490	-	0.065989
Akap10	MmuINT0013309	chr11	61703850	61706881	-	0.043142
Akap10	MmuINT0013310	chr11	61700285	61703739	-	0.018374
Akap10	MmuINT0013311	chr11	61691529	61700201	-	0.052811
Akap10	MmuINT0013312	chr11	61690905	61691475	-	0.023457
Akap10	MmuINT0013313	chr11	61686524	61690808	-	0.024865
Akap10	MmuINT0013314	chr11	61729769	61736283	-	0.016321

Akap10	MmuINT0013315	chr11	61729084	61729585	-	0.012922
Akap10	MmuINT0013316	chr11	61723449	61728525	-	0.015578
Akap10	MmuINT0013317	chr11	61718362	61723349	-	0.026856
Akap10	MmuINT0013318	chr11	61717533	61718276	-	0.033301
Akap10	MmuINT0013319	chr11	61713949	61717408	-	0.029113
Akap10	MmuINT0013320	chr11	61710295	61713811	-	0.018006
Akap10	MmuINT0013321	chr11	61707056	61710149	-	0.025908
Akap11	MmuINT0013322	chr14	78922510	78936518	-	0.028075
Akap11	MmuINT0013323	chr14	78898803	78901996	-	0.03181
Akap11	MmuINT0013324	chr14	78895754	78898641	-	0.013767
Akap11	MmuINT0013325	chr14	78918704	78922397	-	0.026875
Akap11	MmuINT0013326	chr14	78918028	78918586	-	0.03033
Akap11	MmuINT0013327	chr14	78916265	78917979	-	0.02794
Akap11	MmuINT0013328	chr14	78914879	78916129	-	0.023083
Akap11	MmuINT0013329	chr14	78914128	78914613	-	0.037311
Akap11	MmuINT0013330	chr14	78907688	78909686	-	0.016052
Akap11	MmuINT0013331	chr14	78902830	78907531	-	0.322695
Akap11	MmuINT0013332	chr14	78902044	78902745	-	0.127901
Akap12	MmuINT0013334	chr10	5993400	6032683	-	0.087867
Akap13	MmuINT0013337	chr7	82811535	82821991	+	0.007213
Akap13	MmuINT0013338	chr7	82822366	82824705	+	0.017503
Akap13	MmuINT0013340	chr7	82830196	82832098	+	0.008983
Akap13	MmuINT0013341	chr7	82832208	82840509	+	0.011903
Akap13	MmuINT0013342	chr7	82840553	82842187	+	0.01399
Akap13	MmuINT0013343	chr7	82842321	82849250	+	0.011288
Akap13	MmuINT0013344	chr7	82849426	82862655	+	0.013824
Akap13	MmuINT0013345	chr7	82862724	82865014	+	0.013875
Akap13	MmuINT0013346	chr7	82865082	82868670	+	0.019624
Akap13	MmuINT0013348	chr7	82868807	82870185	+	0.013009
Akap13	MmuINT0013349	chr7	82870299	82870853	+	0.014369
Akap13	MmuINT0013350	chr7	82871007	82871855	+	0.006153
Akap13	MmuINT0013351	chr7	82872107	82873681	+	0.007553
Akap13	MmuINT0013352	chr7	82873808	82873919	+	0.007414
Akap13	MmuINT0013353	chr7	82874038	82875248	+	0.007337
Akap13	MmuINT0013354	chr7	82875498	82880598	+	0.018571
Akap13	MmuINT0013355	chr7	82880676	82881171	+	0.010619
Akap13	MmuINT0013356	chr7	82881354	82881493	+	0.027861
Akap13	MmuINT0013357	chr7	82881577	82884251	+	0.016386
Akap13	MmuINT0013358	chr7	82714918	82724387	+	0.034279
Akap13	MmuINT0013359	chr7	82884447	82887521	+	0.008186
Akap13	MmuINT0013360	chr7	82887684	82888351	+	0.007042
Akap13	MmuINT0013361	chr7	82888423	82888850	+	0.0126
Akap13	MmuINT0013362	chr7	82888896	82891645	+	0.041964
Akap13	MmuINT0013363	chr7	82891697	82892463	+	0.016595
Akap13	MmuINT0013364	chr7	82892914	82894065	+	0.053455
Akap13	MmuINT0013365	chr7	82894397	82895459	+	0.033306
Akap13	MmuINT0013366	chr7	82724685	82731042	+	0.085999
Akap13	MmuINT0013367	chr7	82731227	82747671	+	0.025162
Akap13	MmuINT0013368	chr7	82747865	82753370	+	0.022005
Akap13	MmuINT0013370	chr7	82759935	82808297	+	0.011411

Akap13	MmuINT0013371	chr7	82808374	82811397	+	0.017426
Akap2	MmuINT0013383	chr4	57858179	57867433	+	0.014963
Akap2	MmuINT0013384	chr4	57869910	57895895	+	0.005277
Akap2	MmuINT0013385	chr4	57896075	57905740	+	0.025713
Akap6	MmuINT0013402	chr12	54170241	54173276	+	0.005656
Akap6	MmuINT0013403	chr12	54173499	54205501	+	0.007383
Akap6	MmuINT0013404	chr12	54205718	54240367	+	0.004117
Akap6	MmuINT0013405	chr12	54243756	54248797	+	0.015235
Akap6	MmuINT0013407	chr12	53981878	53987295	+	0.005354
Akap6	MmuINT0013408	chr12	53989051	54012787	+	0.005091
Akap6	MmuINT0013409	chr12	54012911	54038121	+	0.009333
Akap6	MmuINT0013410	chr12	54038219	54039329	+	0.005641
Akap6	MmuINT0013411	chr12	54039494	54111460	+	0.005793
Akap6	MmuINT0013412	chr12	54111610	54126707	+	0.006652
Akap6	MmuINT0013413	chr12	54126829	54170093	+	0.004081
Akap7	MmuINT0013415	chr10	25003848	25009404	-	0.005826
Akap7	MmuINT0013416	chr10	24991448	25003698	-	0.007665
Akap7	MmuINT0013417	chr10	24987275	24991310	-	0.00537
Akap7	MmuINT0013418	chr10	24959545	24987113	-	0.004924
Akap7	MmuINT0013419	chr10	24940565	24959431	-	0.004281
Akap7	MmuINT0013420	chr10	24891055	24940416	-	0.015691
Akap8	MmuINT0013421	chr17	32455755	32458029	-	0.072322
Akap8	MmuINT0013422	chr17	32447617	32447897	-	0.008457
Akap8	MmuINT0013423	chr17	32446495	32447522	-	0.006857
Akap8	MmuINT0013424	chr17	32443531	32446363	-	0.026878
Akap8	MmuINT0013425	chr17	32442652	32443434	-	0.014622
Akap8	MmuINT0013426	chr17	32454824	32455715	-	0.014632
Akap8	MmuINT0013427	chr17	32454292	32454790	-	0.175696
Akap8	MmuINT0013428	chr17	32453613	32454011	-	0.323711
Akap8	MmuINT0013429	chr17	32452730	32453131	-	0.383719
Akap8	MmuINT0013430	chr17	32452434	32452599	-	0.006494
Akap8	MmuINT0013431	chr17	32451090	32452386	-	0.053347
Akap8	MmuINT0013432	chr17	32449319	32451055	-	0.424043
Akap8	MmuINT0013433	chr17	32448040	32449230	-	0.007584
Akap8l	MmuINT0013434	chr17	32482344	32487431	-	0.006662
Akap8l	MmuINT0013435	chr17	32469862	32469947	-	0.003217
Akap8l	MmuINT0013436	chr17	32469555	32469755	-	0.022604
Akap8l	MmuINT0013437	chr17	32458937	32469423	-	0.070763
Akap8l	MmuINT0013438	chr17	32458731	32458840	-	0.014667
Akap8l	MmuINT0013439	chr17	32475769	32482268	-	0.012521
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Akap8l	MmuINT0013441	chr17	32473684	32475215	-	0.112326
Akap8l	MmuINT0013442	chr17	32473149	32473229	-	0.010853
Akap8l	MmuINT0013443	chr17	32472974	32473051	-	0.005807
Akap8l	MmuINT0013444	chr17	32472569	32472902	-	0.00908
Akap8l	MmuINT0013445	chr17	32471642	32472507	-	0.238962
Akap8l	MmuINT0013446	chr17	32470090	32471532	-	0.284406
Akap9	MmuINT0013448	chr5	3972038	3972755	+	0.030666
Akap9	MmuINT0013449	chr5	3972842	3975598	+	0.049144
Akap9	MmuINT0013450	chr5	3975711	3976127	+	0.031412

Akap9	MmuINT0013451	chr5	3976327	3981117	+	0.037708
Akap9	MmuINT0013452	chr5	3981215	3992045	+	0.03236
Akap9	MmuINT0013453	chr5	3992139	4001404	+	0.039375
Akap9	MmuINT0013454	chr5	4001759	4003560	+	0.030749
Akap9	MmuINT0013455	chr5	4003783	4004802	+	0.022367
Akap9	MmuINT0013456	chr5	4004944	4005409	+	0.050669
Akap9	MmuINT0013457	chr5	4005514	4008343	+	0.043078
Akap9	MmuINT0013459	chr5	4008550	4013849	+	0.019596
Akap9	MmuINT0013460	chr5	4014080	4028373	+	0.016262
Akap9	MmuINT0013461	chr5	4028537	4029839	+	0.021848
Akap9	MmuINT0013462	chr5	4030053	4032680	+	0.072675
Akap9	MmuINT0013463	chr5	4032914	4034747	+	0.02
Akap9	MmuINT0013464	chr5	4034868	4038528	+	0.016938
Akap9	MmuINT0013465	chr5	4038706	4039238	+	0.02641
Akap9	MmuINT0013466	chr5	4039344	4043917	+	0.015282
Akap9	MmuINT0013467	chr5	4044071	4044798	+	0.033498
Akap9	MmuINT0013468	chr5	4044979	4045897	+	0.018799
Akap9	MmuINT0013470	chr5	4046942	4050154	+	0.01824
Akap9	MmuINT0013471	chr5	4050644	4051035	+	0.023954
Akap9	MmuINT0013472	chr5	4051100	4051209	+	0.021024
Akap9	MmuINT0013473	chr5	4051311	4055160	+	0.044091
Akap9	MmuINT0013474	chr5	4055353	4055591	+	0.022441
Akap9	MmuINT0013475	chr5	4055769	4058435	+	0.015825
Akap9	MmuINT0013476	chr5	4058581	4060281	+	0.015832
Akap9	MmuINT0013477	chr5	4060496	4061137	+	0.01218
Akap9	MmuINT0013478	chr5	4061289	4064070	+	0.011707
Akap9	MmuINT0013479	chr5	4064740	4065180	+	0.023771
Akap9	MmuINT0013480	chr5	3954963	3956156	+	0.029662
Akap9	MmuINT0013481	chr5	4065387	4065804	+	0.012019
Akap9	MmuINT0013482	chr5	4065911	4067739	+	0.02496
Akap9	MmuINT0013483	chr5	4067923	4069006	+	0.013879
Akap9	MmuINT0013484	chr5	4069208	4070298	+	0.048618
Akap9	MmuINT0013485	chr5	4070532	4072614	+	0.025818
Akap9	MmuINT0013486	chr5	4072701	4077185	+	0.050563
Akap9	MmuINT0013487	chr5	4077316	4077827	+	0.051807
Akap9	MmuINT0013488	chr5	4077968	4079658	+	0.083717
Akap9	MmuINT0013491	chr5	3962458	3968579	+	0.024495
Akap9	MmuINT0013492	chr5	3968794	3970663	+	0.033977
Akirin1	MmuINT0013494	chr4	1.23E+08	1.23E+08	-	0.002798
Akirin2	MmuINT0013498	chr4	34498523	34509560	+	0.008962
Akirin2	MmuINT0013499	chr4	34509705	34512376	+	0.017383
Akirin2	MmuINT0013500	chr4	34512527	34513182	+	0.016778
Akirin2	MmuINT0013501	chr4	34513255	34513463	+	0.024166
Akna	MmuINT0013504	chr4	63040409	63040921	-	0.061368
Akna	MmuINT0013505	chr4	63039711	63040188	-	0.048238
Akna	MmuINT0013506	chr4	63038895	63039603	-	0.053233
Akna	MmuINT0013507	chr4	63038028	63038685	-	0.084701
Akna	MmuINT0013508	chr4	63035565	63037864	-	0.066967
Akna	MmuINT0013509	chr4	63035147	63035390	-	0.054653
Akna	MmuINT0013510	chr4	63034504	63035030	-	0.202395

Akna	MmuINT0013511	chr4	63032927	63034356	-	0.059715
Akna	MmuINT0013512	chr4	63032046	63032830	-	0.436276
Akna	MmuINT0013515	chr4	63029321	63031505	-	0.081931
Akna	MmuINT0013522	chr4	63041397	63042761	-	0.054097
Akr1a4	MmuINT0013544	chr4	1.16E+08	1.16E+08	-	0.001376
Akr1a4	MmuINT0013545	chr4	1.16E+08	1.16E+08	-	0.000941
Akr1a4	MmuINT0013546	chr4	1.16E+08	1.16E+08	-	0.001225
Akr1a4	MmuINT0013547	chr4	1.16E+08	1.16E+08	-	0.00184
Akr1a4	MmuINT0013548	chr4	1.16E+08	1.16E+08	-	0.000971
Akr1a4	MmuINT0013549	chr4	1.16E+08	1.16E+08	-	0.003488
Akr1a4	MmuINT0013550	chr4	1.16E+08	1.16E+08	-	0.003352
Akr1a4	MmuINT0013551	chr4	1.16E+08	1.16E+08	-	0.014886
Akr1b10	MmuINT0013552	chr6	34334408	34337671	+	0.001556
Akr1b10	MmuINT0013554	chr6	34338893	34340054	+	0.00182
Akr1b10	MmuINT0013555	chr6	34340133	34342016	+	0.006917
Akr1b10	MmuINT0013557	chr6	34342496	34342914	+	0.001522
Akr1b10	MmuINT0013558	chr6	34342997	34344057	+	0.002816
Akr1b10	MmuINT0013559	chr6	34344142	34344726	+	0.002419
Akr1b10	MmuINT0013560	chr6	34344810	34346611	+	0.006496
Akr1b8	MmuINT0013579	chr6	34304297	34306255	+	0.047168
Akr1b8	MmuINT0013580	chr6	34306424	34307460	+	0.049999
Akr1b8	MmuINT0013581	chr6	34307578	34308130	+	0.053249
Akr1b8	MmuINT0013582	chr6	34308209	34313331	+	0.081981
Akr1b8	MmuINT0013584	chr6	34313829	34314236	+	0.058588
Akr1b8	MmuINT0013586	chr6	34315291	34315902	+	0.062568
Akr1b8	MmuINT0013587	chr6	34315986	34318125	+	0.064094
Akr1c13	MmuINT0013597	chr13	4193448	4193922	+	0.011001
Akr1c14	MmuINT0013604	chr13	4058962	4062799	+	0.016948
Akr1c14	MmuINT0013608	chr13	4078423	4079864	+	0.021865
Akr1c14	MmuINT0013609	chr13	4079975	4080235	+	0.027281
Akr1c14	MmuINT0013611	chr13	4086564	4088193	+	0.0349
Akr1e1	MmuINT0013658	chr13	4606805	4608330	-	0.015714
Akr1e1	MmuINT0013659	chr13	4602044	4606636	-	0.014499
Akr1e1	MmuINT0013660	chr13	4600542	4601926	-	0.04057
Akr1e1	MmuINT0013661	chr13	4598139	4600463	-	0.02156
Akr1e1	MmuINT0013662	chr13	4596829	4598015	-	0.009694
Akr1e1	MmuINT0013663	chr13	4594979	4596730	-	0.023894
Akr1e1	MmuINT0013664	chr13	4594401	4594905	-	0.009917
Akr1e1	MmuINT0013665	chr13	4592891	4594316	-	0.014423
Akr1e1	MmuINT0013666	chr13	4592545	4592807	-	0.012491
Akr7a5	MmuINT0013667	chr4	1.39E+08	1.39E+08	+	0.003657
Akr7a5	MmuINT0013668	chr4	1.39E+08	1.39E+08	+	0.002368
Akr7a5	MmuINT0013669	chr4	1.39E+08	1.39E+08	+	0.006001
Akr7a5	MmuINT0013670	chr4	1.39E+08	1.39E+08	+	0.007023
Akr7a5	MmuINT0013671	chr4	1.39E+08	1.39E+08	+	0.015392
Akr7a5	MmuINT0013672	chr4	1.39E+08	1.39E+08	+	0.001344
Akt1	MmuINT0013673	chr12	1.14E+08	1.14E+08	-	0.007265
Akt1	MmuINT0013674	chr12	1.14E+08	1.14E+08	-	0.010721
Akt1	MmuINT0013675	chr12	1.14E+08	1.14E+08	-	0.003076
Akt1	MmuINT0013676	chr12	1.14E+08	1.14E+08	-	0.016185



Akt1	MmuINT0013677	chr12	1.14E+08	1.14E+08	-	0.013035
Akt1	MmuINT0013678	chr12	1.14E+08	1.14E+08	-	0.003759
Akt1	MmuINT0013679	chr12	1.14E+08	1.14E+08	-	0.003926
Akt1	MmuINT0013680	chr12	1.14E+08	1.14E+08	-	0.003277
Akt1	MmuINT0013681	chr12	1.14E+08	1.14E+08	-	0.008839
Akt1	MmuINT0013682	chr12	1.14E+08	1.14E+08	-	0.011356
Akt1	MmuINT0013683	chr12	1.14E+08	1.14E+08	-	0.011424
Akt1	MmuINT0013684	chr12	1.14E+08	1.14E+08	-	0.013049
Akt1	MmuINT0013685	chr12	1.14E+08	1.14E+08	-	0.003942
Akt1s1	MmuINT0013686	chr7	52104719	52107940	+	0.060436
Akt1s1	MmuINT0013687	chr7	52108330	52109149	+	0.008291
Akt1s1	MmuINT0013688	chr7	52109228	52109308	+	0.021602
Akt1s1	MmuINT0013689	chr7	52109479	52109961	+	0.018216
Akt2	MmuINT0013690	chr7	28376899	28393641	+	0.005609
Akt2	MmuINT0013696	chr7	28401389	28403226	+	0.000507
Akt3	MmuINT0013704	chr1	1.79E+08	1.79E+08	-	0.048989
Akt3	MmuINT0013705	chr1	1.79E+08	1.79E+08	-	0.032868
Akt3	MmuINT0013706	chr1	1.79E+08	1.79E+08	-	0.040654
Akt3	MmuINT0013707	chr1	1.79E+08	1.79E+08	-	0.044621
Akt3	MmuINT0013708	chr1	1.79E+08	1.79E+08	-	0.020249
Akt3	MmuINT0013709	chr1	1.79E+08	1.79E+08	-	0.018806
Akt3	MmuINT0013710	chr1	1.79E+08	1.79E+08	-	0.024552
Akt3	MmuINT0013713	chr1	1.79E+08	1.79E+08	-	0.035462
Akt3	MmuINT0013714	chr1	1.79E+08	1.79E+08	-	0.029418
Akt3	MmuINT0013715	chr1	1.79E+08	1.79E+08	-	0.03325
Aktip	MmuINT0013717	chr8	93648578	93648721	-	0.003826
Aktip	MmuINT0013718	chr8	93655048	93658228	-	0.990776
Aktip	MmuINT0013719	chr8	93653705	93654939	-	0.007743
Aktip	MmuINT0013720	chr8	93650829	93653498	-	0.005434
Aktip	MmuINT0013721	chr8	93650674	93650763	-	0.005186
Aktip	MmuINT0013722	chr8	93650186	93650572	-	0.003216
Aktip	MmuINT0013723	chr8	93650023	93650096	-	0.00571
Aktip	MmuINT0013724	chr8	93649824	93649923	-	0.004923
Aktip	MmuINT0013725	chr8	93648783	93649715	-	0.003257
Alad	MmuINT0013726	chr4	62175295	62180893	-	0.007843
Alad	MmuINT0013727	chr4	62171269	62171548	-	0.002339
Alad	MmuINT0013728	chr4	62170345	62171138	-	0.002451
Alad	MmuINT0013729	chr4	62174617	62175107	-	0.007598
Alad	MmuINT0013730	chr4	62174002	62174565	-	0.011605
Alad	MmuINT0013731	chr4	62173057	62173904	-	0.002787
Alad	MmuINT0013732	chr4	62172820	62172920	-	0.003886
Alad	MmuINT0013733	chr4	62172647	62172735	-	0.006913
Alad	MmuINT0013734	chr4	62171958	62172557	-	0.021399
Alad	MmuINT0013735	chr4	62171816	62171901	-	0.003825
Alad	MmuINT0013736	chr4	62171636	62171727	-	0.003279
Alas1	MmuINT0013737	chr9	1.06E+08	1.06E+08	-	0.000939
Alas1	MmuINT0013738	chr9	1.06E+08	1.06E+08	-	0.00252
Alas1	MmuINT0013739	chr9	1.06E+08	1.06E+08	-	0.001002
Alas1	MmuINT0013740	chr9	1.06E+08	1.06E+08	-	0.001896
Alas1	MmuINT0013741	chr9	1.06E+08	1.06E+08	-	0.004401

Alas1	MmuINT0013742	chr9	1.06E+08	1.06E+08	-	0.006041
Alas1	MmuINT0013743	chr9	1.06E+08	1.06E+08	-	0.001704
Alas1	MmuINT0013744	chr9	1.06E+08	1.06E+08	-	0.004131
Alas1	MmuINT0013745	chr9	1.06E+08	1.06E+08	-	0.016153
Alas1	MmuINT0013746	chr9	1.06E+08	1.06E+08	-	0.007641
Alas2	MmuINT0013748	chrX	1.47E+08	1.47E+08	+	0.033098
Alas2	MmuINT0013752	chrX	1.47E+08	1.47E+08	+	0.049031
Alas2	MmuINT0013753	chrX	1.47E+08	1.47E+08	+	0.045773
Alas2	MmuINT0013754	chrX	1.47E+08	1.47E+08	+	0.038267
Alas2	MmuINT0013755	chrX	1.47E+08	1.47E+08	+	0.037559
Alb	MmuINT0013757	chr5	90890040	90890746	+	0.011127
Alb	MmuINT0013758	chr5	90899865	90901030	+	0.004145
Alb	MmuINT0013759	chr5	90901170	90901486	+	0.003481
Alb	MmuINT0013760	chr5	90901711	90903592	+	0.005686
Alb	MmuINT0013761	chr5	90903726	90904294	+	0.007064
Alb	MmuINT0013762	chr5	90904363	90905485	+	0.009566
Alb	MmuINT0013763	chr5	90890805	90891725	+	0.013624
Alb	MmuINT0013764	chr5	90891859	90893009	+	0.008528
Alb	MmuINT0013765	chr5	90893222	90893878	+	0.012009
Alb	MmuINT0013766	chr5	90894012	90894899	+	0.006067
Alb	MmuINT0013767	chr5	90894998	90896369	+	0.010499
Alb	MmuINT0013768	chr5	90896500	90897506	+	0.005522
Alb	MmuINT0013769	chr5	90897722	90898527	+	0.005323
Alb	MmuINT0013770	chr5	90898661	90899766	+	0.008537
Aldh16a1	MmuINT0013786	chr7	52405137	52409761	-	0.445854
Aldh16a1	MmuINT0013787	chr7	52401161	52401272	-	0.047861
Aldh16a1	MmuINT0013788	chr7	52400977	52401054	-	0.034771
Aldh16a1	MmuINT0013789	chr7	52400405	52400845	-	0.026668
Aldh16a1	MmuINT0013790	chr7	52400085	52400236	-	0.014547
Aldh16a1	MmuINT0013791	chr7	52398669	52399882	-	0.015963
Aldh16a1	MmuINT0013792	chr7	52398273	52398482	-	0.016741
Aldh16a1	MmuINT0013793	chr7	52397473	52398149	-	0.027973
Aldh16a1	MmuINT0013794	chr7	52404111	52405033	-	0.139124
Aldh16a1	MmuINT0013795	chr7	52403433	52403983	-	0.014425
Aldh16a1	MmuINT0013796	chr7	52403173	52403253	-	0.024066
Aldh16a1	MmuINT0013797	chr7	52402951	52403094	-	0.046911
Aldh16a1	MmuINT0013798	chr7	52402685	52402768	-	0.016655
Aldh16a1	MmuINT0013799	chr7	52402179	52402531	-	0.014808
Aldh16a1	MmuINT0013800	chr7	52401660	52401992	-	0.020362
Aldh16a1	MmuINT0013801	chr7	52401410	52401563	-	0.01239
Aldh18a1	MmuINT0013803	chr19	40642886	40643522	-	0.045853
Aldh18a1	MmuINT0013804	chr19	40641156	40642811	-	0.041236
Aldh18a1	MmuINT0013805	chr19	40639547	40641061	-	0.049741
Aldh18a1	MmuINT0013806	chr19	40637530	40639325	-	0.04833
Aldh18a1	MmuINT0013807	chr19	40632337	40637391	-	0.037723
Aldh18a1	MmuINT0013808	chr19	40632031	40632140	-	0.028238
Aldh18a1	MmuINT0013809	chr19	40629268	40631908	-	0.038212
Aldh18a1	MmuINT0013810	chr19	40628110	40629080	-	0.039232
Aldh18a1	MmuINT0013813	chr19	40654567	40659979	-	0.040362
Aldh18a1	MmuINT0013814	chr19	40652412	40654351	-	0.059253

Aldh18a1	MmuINT0013816	chr19	40648352	40648700	-	0.054474
Aldh18a1	MmuINT0013817	chr19	40645083	40648260	-	0.080154
Aldh18a1	MmuINT0013818	chr19	40643668	40644957	-	0.048611
Aldh1a1	MmuINT0013819	chr19	20676568	20685402	+	0.019518
Aldh1a1	MmuINT0013820	chr19	20709004	20711157	+	0.007764
Aldh1a1	MmuINT0013821	chr19	20711316	20714553	+	0.031046
Aldh1a1	MmuINT0013822	chr19	20714629	20717383	+	0.030952
Aldh1a1	MmuINT0013824	chr19	20692511	20694458	+	0.021456
Aldh1a1	MmuINT0013825	chr19	20694589	20696158	+	0.023999
Aldh1a1	MmuINT0013826	chr19	20696221	20697814	+	0.023346
Aldh1a1	MmuINT0013828	chr19	20699316	20703543	+	0.019539
Aldh1a1	MmuINT0013829	chr19	20703647	20705155	+	0.007553
Aldh1a1	MmuINT0013830	chr19	20705341	20708838	+	0.009184
Aldh1a2	MmuINT0013831	chr9	71063771	71100404	+	0.05606
Aldh1a2	MmuINT0013832	chr9	71132826	71132922	+	0.063577
Aldh1a2	MmuINT0013833	chr9	71133081	71133726	+	0.062995
Aldh1a2	MmuINT0013835	chr9	71141502	71143417	+	0.076742
Aldh1a2	MmuINT0013837	chr9	71100864	71102840	+	0.050185
Aldh1a2	MmuINT0013838	chr9	71102971	71109537	+	0.048482
Aldh1a2	MmuINT0013840	chr9	71111723	71111839	+	0.053132
Aldh1a2	MmuINT0013841	chr9	71111954	71129410	+	0.067699
Aldh1a2	MmuINT0013843	chr9	71131370	71132660	+	0.051929
Aldh1b1	MmuINT0013868	chr4	45812042	45815326	+	0.008759
Aldh1l1	MmuINT0013878	chr6	90540832	90541794	+	0.077241
Aldh1l1	MmuINT0013881	chr6	90544643	90546861	+	0.043851
Aldh1l1	MmuINT0013882	chr6	90546968	90548179	+	0.039554
Aldh1l1	MmuINT0013883	chr6	90548380	90548880	+	0.047353
Aldh1l2	MmuINT0013905	chr10	82953380	82955219	-	0.026097
Aldh1l2	MmuINT0013910	chr10	82977326	82978792	-	0.028889
Aldh2	MmuINT0013913	chr5	1.22E+08	1.22E+08	-	0.000621
Aldh2	MmuINT0013914	chr5	1.22E+08	1.22E+08	-	0.01207
Aldh2	MmuINT0013915	chr5	1.22E+08	1.22E+08	-	0.005464
Aldh2	MmuINT0013916	chr5	1.22E+08	1.22E+08	-	0.001043
Aldh2	MmuINT0013917	chr5	1.22E+08	1.22E+08	-	0.000734
Aldh2	MmuINT0013918	chr5	1.22E+08	1.22E+08	-	0.000969
Aldh2	MmuINT0013919	chr5	1.22E+08	1.22E+08	-	0.000898
Aldh2	MmuINT0013920	chr5	1.22E+08	1.22E+08	-	0.001144
Aldh2	MmuINT0013921	chr5	1.22E+08	1.22E+08	-	0.000697
Aldh2	MmuINT0013922	chr5	1.22E+08	1.22E+08	-	0.001063
Aldh2	MmuINT0013923	chr5	1.22E+08	1.22E+08	-	0.001334
Aldh2	MmuINT0013924	chr5	1.22E+08	1.22E+08	-	0.001424
Aldh3a2	MmuINT0013935	chr11	61078798	61080355	-	0.011356
Aldh3a2	MmuINT0013936	chr11	61077834	61078565	-	0.012851
Aldh3a2	MmuINT0013937	chr11	61075930	61077747	-	0.010141
Aldh3a2	MmuINT0013938	chr11	61072361	61075720	-	0.008246
Aldh3a2	MmuINT0013939	chr11	61070383	61072242	-	0.012708
Aldh3a2	MmuINT0013941	chr11	61064545	61067125	-	0.011216
Aldh3a2	MmuINT0013942	chr11	61062600	61064444	-	0.012289
Aldh3a2	MmuINT0013943	chr11	61059824	61062363	-	0.13551
Aldh3b1	MmuINT0013950	chr19	3918209	3918602	-	0.060819

Aldh4a1	MmuINT0013962	chr4	1.39E+08	1.39E+08	+	0.002515
Aldh4a1	MmuINT0013963	chr4	1.39E+08	1.39E+08	+	0.00241
Aldh4a1	MmuINT0013964	chr4	1.39E+08	1.39E+08	+	0.002123
Aldh4a1	MmuINT0013965	chr4	1.39E+08	1.39E+08	+	0.001415
Aldh4a1	MmuINT0013966	chr4	1.39E+08	1.39E+08	+	0.01075
Aldh4a1	MmuINT0013967	chr4	1.39E+08	1.39E+08	+	0.005878
Aldh4a1	MmuINT0013968	chr4	1.39E+08	1.39E+08	+	0.004823
Aldh4a1	MmuINT0013969	chr4	1.39E+08	1.39E+08	+	0.006823
Aldh4a1	MmuINT0013970	chr4	1.39E+08	1.39E+08	+	0.005957
Aldh4a1	MmuINT0013971	chr4	1.39E+08	1.39E+08	+	0.001472
Aldh4a1	MmuINT0013972	chr4	1.39E+08	1.39E+08	+	0.001582
Aldh4a1	MmuINT0013973	chr4	1.39E+08	1.39E+08	+	0.001833
Aldh4a1	MmuINT0013974	chr4	1.39E+08	1.39E+08	+	0.006738
Aldh4a1	MmuINT0013975	chr4	1.39E+08	1.39E+08	+	0.007304
Aldh5a1	MmuINT0013976	chr13	25019494	25029119	-	0.023082
Aldh5a1	MmuINT0013977	chr13	25018018	25019409	-	0.004669
Aldh5a1	MmuINT0013978	chr13	25015953	25017846	-	0.007085
Aldh5a1	MmuINT0013979	chr13	25011692	25015835	-	0.00786
Aldh5a1	MmuINT0013980	chr13	25010514	25011547	-	0.003952
Aldh5a1	MmuINT0013981	chr13	25007790	25010369	-	0.003601
Aldh5a1	MmuINT0013982	chr13	25005783	25007630	-	0.004436
Aldh5a1	MmuINT0013983	chr13	25004176	25005612	-	0.00474
Aldh5a1	MmuINT0013984	chr13	25003636	25004116	-	0.013518
Aldh6a1	MmuINT0013985	chr12	85784739	85791838	-	0.005645
Aldh6a1	MmuINT0013986	chr12	85783096	85784678	-	0.020191
Aldh6a1	MmuINT0013987	chr12	85782875	85783020	-	0.007583
Aldh6a1	MmuINT0013988	chr12	85781264	85782712	-	0.002195
Aldh6a1	MmuINT0013989	chr12	85780666	85781184	-	0.018479
Aldh6a1	MmuINT0013990	chr12	85779047	85780362	-	0.012538
Aldh6a1	MmuINT0013991	chr12	85777869	85778924	-	0.018311
Aldh6a1	MmuINT0013992	chr12	85777460	85777678	-	0.002306
Aldh6a1	MmuINT0013993	chr12	85774986	85777277	-	0.003293
Aldh7a1	MmuINT0013994	chr18	56696953	56698354	-	0.014385
Aldh7a1	MmuINT0013995	chr18	56693929	56696857	-	0.011326
Aldh7a1	MmuINT0013996	chr18	56692249	56693843	-	0.01587
Aldh7a1	MmuINT0013997	chr18	56691752	56692141	-	0.008392
Aldh7a1	MmuINT0013998	chr18	56691463	56691634	-	0.013179
Aldh7a1	MmuINT0013999	chr18	56691218	56691364	-	0.019498
Aldh7a1	MmuINT0014000	chr18	56688007	56691143	-	0.020446
Aldh7a1	MmuINT0014001	chr18	56686662	56687930	-	0.011143
Aldh7a1	MmuINT0014002	chr18	56718942	56720429	-	0.00684
Aldh7a1	MmuINT0014003	chr18	56710895	56718875	-	0.007133
Aldh7a1	MmuINT0014004	chr18	56710074	56710813	-	0.005744
Aldh7a1	MmuINT0014005	chr18	56708234	56709949	-	0.005466
Aldh7a1	MmuINT0014006	chr18	56706603	56708100	-	0.005816
Aldh7a1	MmuINT0014007	chr18	56704697	56706557	-	0.007286
Aldh7a1	MmuINT0014008	chr18	56701977	56704618	-	0.012951
Aldh9a1	MmuINT0014016	chr1	1.69E+08	1.69E+08	+	0.027219
Aldh9a1	MmuINT0014017	chr1	1.69E+08	1.69E+08	+	0.015222
Aldh9a1	MmuINT0014018	chr1	1.69E+08	1.69E+08	+	0.007796

Aldh9a1	MmuINT0014019	chr1	1.69E+08	1.69E+08	+	0.025748
Aldh9a1	MmuINT0014020	chr1	1.69E+08	1.69E+08	+	0.231599
Aldh9a1	MmuINT0014021	chr1	1.69E+08	1.69E+08	+	0.004255
Aldh9a1	MmuINT0014022	chr1	1.69E+08	1.69E+08	+	0.013648
Aldh9a1	MmuINT0014023	chr1	1.69E+08	1.69E+08	+	0.009168
Aldh9a1	MmuINT0014024	chr1	1.69E+08	1.69E+08	+	0.023507
Aldh9a1	MmuINT0014025	chr1	1.69E+08	1.69E+08	+	0.015315
Aldoa	MmuINT0014029	chr7	1.34E+08	1.34E+08	-	0.001453
Aldoa	MmuINT0014032	chr7	1.34E+08	1.34E+08	-	0.000251
Aldoa	MmuINT0014034	chr7	1.34E+08	1.34E+08	-	0.001646
Aldoa	MmuINT0014035	chr7	1.34E+08	1.34E+08	-	0.000243
Aldoa	MmuINT0014036	chr7	1.34E+08	1.34E+08	-	0.001082
Aldob	MmuINT0014038	chr4	49556741	49557668	-	0.046649
Aldob	MmuINT0014039	chr4	49555721	49556528	-	0.045203
Aldob	MmuINT0014041	chr4	49552669	49554002	-	0.050508
Aldob	MmuINT0014042	chr4	49551765	49552584	-	0.037454
Aldob	MmuINT0014043	chr4	49551200	49551589	-	0.022954
Aldob	MmuINT0014044	chr4	49549761	49550999	-	0.033348
Alg1	MmuINT0014052	chr16	5233951	5235058	+	0.048446
Alg1	MmuINT0014053	chr16	5241490	5242581	+	0.028137
Alg1	MmuINT0014054	chr16	5242697	5243780	+	0.02743
Alg1	MmuINT0014055	chr16	5235137	5235255	+	0.019908
Alg1	MmuINT0014056	chr16	5235360	5236412	+	0.025582
Alg1	MmuINT0014057	chr16	5236562	5238737	+	0.020696
Alg1	MmuINT0014058	chr16	5238828	5239148	+	0.016244
Alg1	MmuINT0014059	chr16	5239260	5239998	+	0.028667
Alg1	MmuINT0014060	chr16	5240121	5240236	+	0.089968
Alg1	MmuINT0014061	chr16	5240276	5240551	+	0.214748
Alg1	MmuINT0014062	chr16	5240612	5241378	+	0.085547
Alg10b	MmuINT0014063	chr15	90055040	90056087	+	0.020778
Alg10b	MmuINT0014064	chr15	90056286	90057754	+	0.01974
Alg11	MmuINT0014065	chr8	23171243	23172357	+	0.075154
Alg11	MmuINT0014067	chr8	23176404	23178352	+	0.041324
Alg12	MmuINT0014069	chr15	88646421	88646496	-	0.052918
Alg12	MmuINT0014070	chr15	88645898	88646287	-	0.043881
Alg12	MmuINT0014071	chr15	88645079	88645723	-	0.024724
Alg12	MmuINT0014072	chr15	88641951	88642485	-	0.201907
Alg12	MmuINT0014073	chr15	88637152	88641726	-	0.236292
Alg12	MmuINT0014074	chr15	88636905	88636987	-	0.04956
Alg12	MmuINT0014075	chr15	88636485	88636828	-	0.029608
Alg13	MmuINT0014077	chrX	1.41E+08	1.41E+08	+	0.041099
Alg13	MmuINT0014078	chrX	1.41E+08	1.41E+08	+	0.017528
Alg13	MmuINT0014079	chrX	1.41E+08	1.41E+08	+	0.041564
Alg14	MmuINT0014104	chr3	1.21E+08	1.21E+08	+	0.020844
Alg14	MmuINT0014105	chr3	1.21E+08	1.21E+08	+	0.013975
Alg14	MmuINT0014106	chr3	1.21E+08	1.21E+08	+	0.013984
Alg2	MmuINT0014107	chr4	47485331	47486810	-	0.033918
Alg3	MmuINT0014108	chr16	20609160	20610615	-	0.024853
Alg3	MmuINT0014109	chr16	20608963	20609059	-	0.027927
Alg3	MmuINT0014110	chr16	20608720	20608814	-	0.016435

Alg3	MmuINT0014111	chr16	20607958	20608558	-	0.020738
Alg3	MmuINT0014112	chr16	20607039	20607836	-	0.025563
Alg3	MmuINT0014113	chr16	20606676	20606832	-	0.024299
Alg3	MmuINT0014114	chr16	20606080	20606598	-	0.044874
Alg3	MmuINT0014115	chr16	20605791	20605934	-	0.03162
Alg5	MmuINT0014116	chr3	54539572	54542703	+	0.084275
Alg5	MmuINT0014117	chr3	54542876	54543183	+	0.014345
Alg5	MmuINT0014118	chr3	54543231	54545300	+	0.017072
Alg5	MmuINT0014119	chr3	54545370	54546068	+	0.009987
Alg5	MmuINT0014120	chr3	54546162	54548519	+	0.011452
Alg5	MmuINT0014121	chr3	54548634	54549028	+	0.016293
Alg5	MmuINT0014122	chr3	54549089	54550387	+	0.041107
Alg5	MmuINT0014123	chr3	54550540	54552529	+	0.022466
Alg5	MmuINT0014124	chr3	54552616	54553150	+	0.014681
Alg6	MmuINT0014130	chr4	99419883	99428561	+	0.05413
Alg6	MmuINT0014131	chr4	99385925	99393553	+	0.032257
Alg8	MmuINT0014139	chr7	1.05E+08	1.05E+08	+	0.045521
Alg8	MmuINT0014140	chr7	1.05E+08	1.05E+08	+	0.048829
Alg8	MmuINT0014141	chr7	1.05E+08	1.05E+08	+	0.109119
Alg8	MmuINT0014142	chr7	1.05E+08	1.05E+08	+	0.060676
Alg8	MmuINT0014143	chr7	1.05E+08	1.05E+08	+	0.052529
Alg8	MmuINT0014144	chr7	1.05E+08	1.05E+08	+	0.072796
Alg8	MmuINT0014145	chr7	1.05E+08	1.05E+08	+	0.04819
Alg8	MmuINT0014146	chr7	1.05E+08	1.05E+08	+	0.060066
Alg8	MmuINT0014147	chr7	1.05E+08	1.05E+08	+	0.058674
Alg8	MmuINT0014148	chr7	1.05E+08	1.05E+08	+	0.054075
Alg8	MmuINT0014149	chr7	1.05E+08	1.05E+08	+	0.164793
Alg8	MmuINT0014150	chr7	1.05E+08	1.05E+08	+	0.057118
Alg9	MmuINT0014151	chr9	50583624	50584648	+	0.041398
Alg9	MmuINT0014152	chr9	50610198	50613406	+	0.026413
Alg9	MmuINT0014153	chr9	50613537	50614326	+	0.035679
Alg9	MmuINT0014154	chr9	50614475	50616781	+	0.022684
Alg9	MmuINT0014155	chr9	50616912	50630689	+	0.022772
Alg9	MmuINT0014156	chr9	50630821	50650838	+	0.01786
Alg9	MmuINT0014157	chr9	50584785	50587074	+	0.029837
Alg9	MmuINT0014158	chr9	50587210	50591362	+	0.029831
Alg9	MmuINT0014159	chr9	50591434	50596257	+	0.046285
Alg9	MmuINT0014160	chr9	50596347	50597601	+	0.023582
Alg9	MmuINT0014161	chr9	50597738	50600167	+	0.028804
Alg9	MmuINT0014162	chr9	50600256	50600406	+	0.034021
Alg9	MmuINT0014163	chr9	50600513	50608223	+	0.042973
Alg9	MmuINT0014164	chr9	50608347	50610042	+	0.023556
Alkbh1	MmuINT0014193	chr12	88781365	88784591	-	0.072376
Alkbh1	MmuINT0014194	chr12	88779510	88781255	-	0.039046
Alkbh1	MmuINT0014195	chr12	88775160	88779346	-	0.058803
Alkbh1	MmuINT0014196	chr12	88772544	88775068	-	0.167554
Alkbh1	MmuINT0014197	chr12	88770221	88772349	-	0.060163
Alkbh2	MmuINT0014199	chr5	1.15E+08	1.15E+08	-	0.225861
Alkbh2	MmuINT0014200	chr5	1.15E+08	1.15E+08	-	0.068661
Alkbh3	MmuINT0014201	chr2	93848750	93850839	-	0.057793

Alkbh3	MmuINT0014202	chr2	93848300	93848599	-	0.004669
Alkbh3	MmuINT0014203	chr2	93847039	93848195	-	0.006181
Alkbh3	MmuINT0014204	chr2	93844938	93847003	-	0.060998
Alkbh3	MmuINT0014205	chr2	93843314	93844889	-	0.005789
Alkbh3	MmuINT0014206	chr2	93841671	93843209	-	0.02355
Alkbh3	MmuINT0014207	chr2	93836550	93841581	-	0.084572
Alkbh3	MmuINT0014208	chr2	93821772	93836339	-	0.007285
Alkbh3	MmuINT0014209	chr2	93821135	93821672	-	0.005408
Alkbh4	MmuINT0014211	chr5	1.37E+08	1.37E+08	+	0.091649
Alkbh5	MmuINT0014212	chr11	60352698	60361189	+	0.002565
Alkbh5	MmuINT0014213	chr11	60361271	60367215	+	0.005882
Alkbh5	MmuINT0014214	chr11	60367372	60367739	+	0.002223
Alkbh6	MmuINT0014215	chr7	31093854	31094499	+	0.042009
Alkbh6	MmuINT0014216	chr7	31094579	31095004	+	0.038617
Alkbh6	MmuINT0014217	chr7	31095074	31096858	+	0.020404
Alkbh6	MmuINT0014218	chr7	31096920	31097255	+	0.017198
Alkbh6	MmuINT0014219	chr7	31097408	31097609	+	0.271028
Alkbh6	MmuINT0014220	chr7	31097727	31098937	+	0.040091
Alkbh7	MmuINT0014221	chr17	57136991	57137811	+	0.005342
Alkbh7	MmuINT0014222	chr17	57137986	57138093	+	0.011869
Alkbh7	MmuINT0014223	chr17	57138219	57138352	+	0.006774
Alkbh8	MmuINT0014225	chr9	3369915	3382693	+	0.040869
Alkbh8	MmuINT0014226	chr9	3382844	3385041	+	0.043701
Alkbh8	MmuINT0014227	chr9	3338592	3343014	+	0.037401
Alkbh8	MmuINT0014228	chr9	3343253	3344587	+	0.040991
Alkbh8	MmuINT0014230	chr9	3345877	3347803	+	0.077266
Alkbh8	MmuINT0014231	chr9	3347909	3349419	+	0.062931
Alkbh8	MmuINT0014232	chr9	3349491	3359483	+	0.060154
Alkbh8	MmuINT0014233	chr9	3359591	3367863	+	0.089564
Alkbh8	MmuINT0014234	chr9	3368016	3369657	+	0.044905
Alox5	MmuINT0014321	chr6	1.16E+08	1.16E+08	-	0.029645
Alox5	MmuINT0014322	chr6	1.16E+08	1.16E+08	-	0.0649
Alox5	MmuINT0014323	chr6	1.16E+08	1.16E+08	-	0.024021
Alox5	MmuINT0014324	chr6	1.16E+08	1.16E+08	-	0.039264
Alox5	MmuINT0014325	chr6	1.16E+08	1.16E+08	-	0.015638
Alox5	MmuINT0014326	chr6	1.16E+08	1.16E+08	-	0.027092
Alox5	MmuINT0014327	chr6	1.16E+08	1.16E+08	-	0.025628
Alox5	MmuINT0014328	chr6	1.16E+08	1.16E+08	-	0.035169
Alox5	MmuINT0014329	chr6	1.16E+08	1.16E+08	-	0.02509
Alox5	MmuINT0014330	chr6	1.16E+08	1.16E+08	-	0.017976
Alox5	MmuINT0014331	chr6	1.16E+08	1.16E+08	-	0.015385
Alox5	MmuINT0014332	chr6	1.16E+08	1.16E+08	-	0.019712
Alox5	MmuINT0014333	chr6	1.16E+08	1.16E+08	-	0.035438
Alox5ap	MmuINT0014334	chr5	1.5E+08	1.5E+08	+	0.045139
Alox5ap	MmuINT0014335	chr5	1.5E+08	1.5E+08	+	0.03753
Alox5ap	MmuINT0014336	chr5	1.5E+08	1.5E+08	+	0.028455
Alox5ap	MmuINT0014337	chr5	1.5E+08	1.5E+08	+	0.018359
Alpk2	MmuINT0014388	chr18	65537797	65553287	-	0.004751
Alpk2	MmuINT0014389	chr18	65440750	65449331	-	0.002571
Alpk2	MmuINT0014390	chr18	65436349	65440531	-	0.012377

Alpk2	MmuINT0014391	chr18	65425945	65436299	-	0.00571
Alpk2	MmuINT0014392	chr18	65532493	65537669	-	0.007042
Alpk2	MmuINT0014393	chr18	65510363	65532374	-	0.017004
Alpk2	MmuINT0014394	chr18	65467468	65508681	-	0.003683
Alpk2	MmuINT0014395	chr18	65459816	65464103	-	0.003158
Alpk2	MmuINT0014396	chr18	65453994	65459667	-	0.013907
Alpk2	MmuINT0014397	chr18	65453770	65453865	-	0.015014
Alpk2	MmuINT0014398	chr18	65451185	65453733	-	0.010509
Alpk2	MmuINT0014399	chr18	65449421	65450909	-	0.003081
Alpk3	MmuINT0014400	chr7	88202659	88208834	+	0.005646
Alpk3	MmuINT0014401	chr7	88243908	88245056	+	0.208636
Alpk3	MmuINT0014402	chr7	88245146	88245793	+	0.005951
Alpk3	MmuINT0014403	chr7	88246018	88248230	+	0.032017
Alpk3	MmuINT0014404	chr7	88248280	88248856	+	0.016257
Alpk3	MmuINT0014405	chr7	88208874	88212764	+	0.028422
Alpk3	MmuINT0014406	chr7	88212887	88221758	+	0.003861
Alpk3	MmuINT0014407	chr7	88221877	88222431	+	0.144042
Alpk3	MmuINT0014408	chr7	88223720	88237032	+	0.004153
Alpk3	MmuINT0014409	chr7	88239071	88239792	+	0.003244
Alpk3	MmuINT0014410	chr7	88239941	88240287	+	0.050851
Alpk3	MmuINT0014411	chr7	88240416	88240543	+	0.00928
Alpk3	MmuINT0014412	chr7	88240580	88243632	+	0.188386
Alpl	MmuINT0014414	chr4	1.37E+08	1.37E+08	-	0.006908
Alpl	MmuINT0014415	chr4	1.37E+08	1.37E+08	-	0.105716
Alpl	MmuINT0014416	chr4	1.37E+08	1.37E+08	-	0.006315
Alpl	MmuINT0014417	chr4	1.37E+08	1.37E+08	-	0.006358
Alpl	MmuINT0014418	chr4	1.37E+08	1.37E+08	-	0.008211
Alpl	MmuINT0014419	chr4	1.37E+08	1.37E+08	-	0.017995
Alpl	MmuINT0014420	chr4	1.37E+08	1.37E+08	-	0.006143
Alpl	MmuINT0014421	chr4	1.37E+08	1.37E+08	-	0.008067
Alpl	MmuINT0014422	chr4	1.37E+08	1.37E+08	-	0.007929
Alpl	MmuINT0014423	chr4	1.37E+08	1.37E+08	-	0.023372
Als2	MmuINT0014435	chr1	59253216	59255863	-	0.02626
Als2	MmuINT0014436	chr1	59250943	59253034	-	0.033035
Als2	MmuINT0014437	chr1	59248896	59250876	-	0.039308
Als2	MmuINT0014438	chr1	59244294	59244578	-	0.050655
Als2	MmuINT0014439	chr1	59243371	59244164	-	0.030755
Als2	MmuINT0014440	chr1	59242923	59243299	-	0.059915
Als2	MmuINT0014441	chr1	59242444	59242855	-	0.033751
Als2	MmuINT0014442	chr1	59242123	59242240	-	0.038239
Als2	MmuINT0014443	chr1	59240724	59242056	-	0.038107
Als2	MmuINT0014445	chr1	59240173	59240624	-	0.032358
Als2	MmuINT0014446	chr1	59237505	59240007	-	0.028792
Als2	MmuINT0014447	chr1	59237028	59237392	-	0.031582
Als2	MmuINT0014448	chr1	59236038	59236949	-	0.026164
Als2	MmuINT0014449	chr1	59235544	59235903	-	0.026141
Als2	MmuINT0014451	chr1	59230158	59231767	-	0.040081
Als2	MmuINT0014452	chr1	59227404	59229999	-	0.035248
Als2	MmuINT0014453	chr1	59226858	59227280	-	0.027277
Als2	MmuINT0014454	chr1	59225279	59226680	-	0.038072



Als2	MmuINT0014455	chr1	59272866	59274770	-	0.027779
Als2	MmuINT0014456	chr1	59225057	59225232	-	0.055895
Als2	MmuINT0014457	chr1	59224457	59224994	-	0.066584
Als2	MmuINT0014458	chr1	59224124	59224306	-	0.050324
Als2	MmuINT0014459	chr1	59221060	59224026	-	0.017971
Als2	MmuINT0014460	chr1	59268333	59271945	-	0.03461
Als2	MmuINT0014461	chr1	59265962	59267974	-	0.032088
Als2	MmuINT0014462	chr1	59264701	59265792	-	0.032
Als2	MmuINT0014463	chr1	59263441	59264603	-	0.045827
Als2	MmuINT0014464	chr1	59259942	59263362	-	0.032382
Als2	MmuINT0014465	chr1	59256036	59259758	-	0.041767
Als2cl	MmuINT0014468	chr9	1.11E+08	1.11E+08	+	0.051613
Als2cl	MmuINT0014469	chr9	1.11E+08	1.11E+08	+	0.072156
Als2cl	MmuINT0014470	chr9	1.11E+08	1.11E+08	+	0.053234
Als2cl	MmuINT0014471	chr9	1.11E+08	1.11E+08	+	0.219708
Als2cl	MmuINT0014472	chr9	1.11E+08	1.11E+08	+	0.05067
Als2cl	MmuINT0014473	chr9	1.11E+08	1.11E+08	+	0.120696
Als2cl	MmuINT0014474	chr9	1.11E+08	1.11E+08	+	0.038027
Als2cl	MmuINT0014475	chr9	1.11E+08	1.11E+08	+	0.13851
Als2cl	MmuINT0014476	chr9	1.11E+08	1.11E+08	+	0.221229
Als2cl	MmuINT0014477	chr9	1.11E+08	1.11E+08	+	0.146308
Als2cl	MmuINT0014479	chr9	1.11E+08	1.11E+08	+	0.019696
Als2cl	MmuINT0014480	chr9	1.11E+08	1.11E+08	+	0.029472
Als2cl	MmuINT0014481	chr9	1.11E+08	1.11E+08	+	0.055413
Als2cl	MmuINT0014482	chr9	1.11E+08	1.11E+08	+	0.058929
Als2cl	MmuINT0014483	chr9	1.11E+08	1.11E+08	+	0.029839
Als2cl	MmuINT0014484	chr9	1.11E+08	1.11E+08	+	0.041124
Als2cl	MmuINT0014485	chr9	1.11E+08	1.11E+08	+	0.022686
Als2cl	MmuINT0014486	chr9	1.11E+08	1.11E+08	+	0.358793
Als2cl	MmuINT0014487	chr9	1.11E+08	1.11E+08	+	0.560108
Als2cl	MmuINT0014488	chr9	1.11E+08	1.11E+08	+	0.344691
Als2cl	MmuINT0014489	chr9	1.11E+08	1.11E+08	+	0.040516
Als2cl	MmuINT0014490	chr9	1.11E+08	1.11E+08	+	0.219954
Als2cl	MmuINT0014491	chr9	1.11E+08	1.11E+08	+	0.137203
Als2cr4	MmuINT0014521	chr1	59162512	59163387	-	0.06006
Als2cr4	MmuINT0014525	chr1	59166950	59170924	-	0.041946
Als2cr4	MmuINT0014526	chr1	59166041	59166831	-	0.128254
Als2cr4	MmuINT0014527	chr1	59165643	59165882	-	0.048993
Als2cr4	MmuINT0014528	chr1	59165074	59165518	-	0.054959
Amacr	MmuINT0014541	chr15	10911809	10913104	+	0.003331
Amacr	MmuINT0014542	chr15	10913249	10914440	+	0.004188
Amacr	MmuINT0014543	chr15	10914602	10918513	+	0.014513
Amacr	MmuINT0014544	chr15	10918701	10924594	+	0.005785
Ambp	MmuINT0014561	chr4	62805353	62806298	-	0.041382
Ambp	MmuINT0014562	chr4	62804875	62805184	-	0.030681
Ambp	MmuINT0014563	chr4	62804435	62804700	-	0.023876
Ambra1	MmuINT0014564	chr2	91612595	91612867	+	0.395569
Ambra1	MmuINT0014565	chr2	91570537	91606603	+	0.022574
Ambra1	MmuINT0014566	chr2	91664698	91665408	+	0.01519
Ambra1	MmuINT0014567	chr2	91665510	91715872	+	0.013838

Ambra1	MmuINT0014568	chr2	91715984	91725757	+	0.016202
Ambra1	MmuINT0014569	chr2	91725947	91726980	+	0.183762
Ambra1	MmuINT0014570	chr2	91727136	91740654	+	0.01411
Ambra1	MmuINT0014571	chr2	91740795	91750453	+	0.05443
Ambra1	MmuINT0014572	chr2	91750547	91751570	+	0.017192
Ambra1	MmuINT0014573	chr2	91751765	91757483	+	0.021742
Ambra1	MmuINT0014574	chr2	91606858	91607213	+	0.026088
Ambra1	MmuINT0014575	chr2	91607273	91607846	+	0.02254
Ambra1	MmuINT0014576	chr2	91608031	91609071	+	0.018573
Ambra1	MmuINT0014577	chr2	91609245	91611067	+	0.028235
Ambra1	MmuINT0014578	chr2	91645268	91650186	+	0.02707
Ambra1	MmuINT0014579	chr2	91650367	91664616	+	0.018899
Amdhd2	MmuINT0014595	chr17	24300300	24300548	-	0.036649
Amdhd2	MmuINT0014596	chr17	24293053	24293537	-	0.058293
Amdhd2	MmuINT0014597	chr17	24300083	24300162	-	0.225422
Amdhd2	MmuINT0014598	chr17	24295662	24299942	-	0.177179
Amdhd2	MmuINT0014599	chr17	24295490	24295606	-	0.058531
Amdhd2	MmuINT0014600	chr17	24295200	24295276	-	0.025693
Amdhd2	MmuINT0014601	chr17	24295030	24295110	-	0.036169
Amdhd2	MmuINT0014602	chr17	24294815	24294884	-	0.046981
Amdhd2	MmuINT0014603	chr17	24294564	24294706	-	0.200065
Amdhd2	MmuINT0014604	chr17	24293640	24294494	-	0.217333
Amfr	MmuINT0014613	chr8	96500069	96504217	-	0.001589
Amfr	MmuINT0014614	chr8	96498720	96499933	-	0.002077
Amfr	MmuINT0014615	chr8	96498144	96498635	-	0.003085
Amfr	MmuINT0014616	chr8	96497215	96497958	-	0.001635
Amfr	MmuINT0014617	chr8	96524370	96529032	-	0.001617
Amfr	MmuINT0014618	chr8	96523151	96524204	-	0.00165
Amfr	MmuINT0014619	chr8	96511660	96522997	-	0.003768
Amfr	MmuINT0014620	chr8	96511407	96511618	-	0.002561
Amfr	MmuINT0014621	chr8	96509373	96511273	-	0.018277
Amfr	MmuINT0014622	chr8	96508845	96509238	-	0.013355
Amfr	MmuINT0014623	chr8	96507403	96508733	-	0.005875
Amfr	MmuINT0014624	chr8	96504322	96507211	-	0.00279
Amigo1	MmuINT0014648	chr3	1.08E+08	1.08E+08	+	0.627042
Ammechr1	MmuINT0014650	chrX	1.39E+08	1.39E+08	-	0.104223
Ammechr1	MmuINT0014651	chrX	1.39E+08	1.39E+08	-	0.021731
Ammechr1	MmuINT0014652	chrX	1.39E+08	1.39E+08	-	0.033566
Ammechr1	MmuINT0014653	chrX	1.39E+08	1.39E+08	-	0.038556
Ammechr1	MmuINT0014654	chrX	1.39E+08	1.39E+08	-	0.041821
Ammechr1l	MmuINT0014655	chr18	31919849	31921433	+	0.080879
Ammechr1l	MmuINT0014656	chr18	31921545	31931323	+	0.014614
Ammechr1l	MmuINT0014657	chr18	31931769	31933889	+	0.042526
Ammechr1l	MmuINT0014658	chr18	31934001	31934290	+	0.010319
Ammechr1l	MmuINT0014659	chr18	31934406	31935640	+	0.077694
Ammechr1l	MmuINT0014660	chr18	31935732	31938510	+	0.241031
Ammechr1l	MmuINT0014661	chr18	31938608	31940297	+	0.070502
Amn1	MmuINT0014673	chr6	1.49E+08	1.49E+08	-	0.109657
Amn1	MmuINT0014674	chr6	1.49E+08	1.49E+08	-	0.042576
Amn1	MmuINT0014675	chr6	1.49E+08	1.49E+08	-	0.082513

Amn1	MmuINT0014676	chr6	1.49E+08	1.49E+08	-	0.028307
Amn1	MmuINT0014677	chr6	1.49E+08	1.49E+08	-	0.049332
Amn1	MmuINT0014678	chr6	1.49E+08	1.49E+08	-	0.07393
Amot	MmuINT0014680	chrX	1.42E+08	1.42E+08	-	0.032189
Amot	MmuINT0014682	chrX	1.42E+08	1.42E+08	-	0.048823
Amot	MmuINT0014683	chrX	1.42E+08	1.42E+08	-	0.045434
Amot	MmuINT0014684	chrX	1.42E+08	1.42E+08	-	0.037813
Amot	MmuINT0014685	chrX	1.42E+08	1.42E+08	-	0.044391
Amot	MmuINT0014686	chrX	1.42E+08	1.42E+08	-	0.045134
Amot	MmuINT0014687	chrX	1.42E+08	1.42E+08	-	0.034622
Amot	MmuINT0014688	chrX	1.42E+08	1.42E+08	-	0.049974
Amotl1	MmuINT0014689	chr9	14401045	14419177	-	0.008885
Amotl1	MmuINT0014690	chr9	14355066	14356065	-	0.010961
Amotl1	MmuINT0014691	chr9	14353251	14354835	-	0.0069
Amotl1	MmuINT0014692	chr9	14352343	14352974	-	0.009683
Amotl1	MmuINT0014693	chr9	14398156	14400894	-	0.018329
Amotl1	MmuINT0014694	chr9	14379884	14397197	-	0.008513
Amotl1	MmuINT0014695	chr9	14377264	14379594	-	0.007285
Amotl1	MmuINT0014696	chr9	14376157	14377118	-	0.007814
Amotl1	MmuINT0014697	chr9	14366665	14376066	-	0.007207
Amotl1	MmuINT0014698	chr9	14363053	14366518	-	0.031386
Amotl1	MmuINT0014699	chr9	14360209	14362902	-	0.012958
Amotl1	MmuINT0014700	chr9	14356192	14360017	-	0.006785
Amotl2	MmuINT0014701	chr9	1.03E+08	1.03E+08	+	0.009324
Amotl2	MmuINT0014702	chr9	1.03E+08	1.03E+08	+	0.025967
Amotl2	MmuINT0014703	chr9	1.03E+08	1.03E+08	+	0.016256
Amotl2	MmuINT0014704	chr9	1.03E+08	1.03E+08	+	0.005258
Amotl2	MmuINT0014705	chr9	1.03E+08	1.03E+08	+	0.03302
Amotl2	MmuINT0014706	chr9	1.03E+08	1.03E+08	+	0.016356
Amotl2	MmuINT0014707	chr9	1.03E+08	1.03E+08	+	0.022887
Amotl2	MmuINT0014708	chr9	1.03E+08	1.03E+08	+	0.03403
Amotl2	MmuINT0014709	chr9	1.03E+08	1.03E+08	+	0.016202
Ampd2	MmuINT0014726	chr3	1.08E+08	1.08E+08	-	0.037932
Ampd2	MmuINT0014727	chr3	1.08E+08	1.08E+08	-	0.05814
Ampd2	MmuINT0014728	chr3	1.08E+08	1.08E+08	-	0.06251
Ampd2	MmuINT0014729	chr3	1.08E+08	1.08E+08	-	0.099907
Ampd2	MmuINT0014730	chr3	1.08E+08	1.08E+08	-	0.087844
Ampd2	MmuINT0014731	chr3	1.08E+08	1.08E+08	-	0.108882
Ampd2	MmuINT0014732	chr3	1.08E+08	1.08E+08	-	0.483091
Ampd2	MmuINT0014733	chr3	1.08E+08	1.08E+08	-	0.072783
Ampd2	MmuINT0014734	chr3	1.08E+08	1.08E+08	-	0.070198
Ampd2	MmuINT0014735	chr3	1.08E+08	1.08E+08	-	0.242386
Ampd2	MmuINT0014736	chr3	1.08E+08	1.08E+08	-	0.077463
Ampd2	MmuINT0014737	chr3	1.08E+08	1.08E+08	-	0.134212
Ampd2	MmuINT0014738	chr3	1.08E+08	1.08E+08	-	0.5504
Ampd2	MmuINT0014740	chr3	1.08E+08	1.08E+08	-	0.047241
Ampd2	MmuINT0014741	chr3	1.08E+08	1.08E+08	-	0.058206
Ampd3	MmuINT0014743	chr7	1.18E+08	1.18E+08	+	0.021009
Ampd3	MmuINT0014744	chr7	1.18E+08	1.18E+08	+	0.017618
Ampd3	MmuINT0014745	chr7	1.18E+08	1.18E+08	+	0.047515

Ampd3	MmuINT0014746	chr7	1.18E+08	1.18E+08	+	0.0583
Ampd3	MmuINT0014747	chr7	1.18E+08	1.18E+08	+	0.011688
Ampd3	MmuINT0014748	chr7	1.18E+08	1.18E+08	+	0.007814
Ampd3	MmuINT0014749	chr7	1.18E+08	1.18E+08	+	0.015966
Ampd3	MmuINT0014750	chr7	1.18E+08	1.18E+08	+	0.010863
Ampd3	MmuINT0014751	chr7	1.18E+08	1.18E+08	+	0.039039
Ampd3	MmuINT0014752	chr7	1.18E+08	1.18E+08	+	0.0423
Ampd3	MmuINT0014753	chr7	1.18E+08	1.18E+08	+	0.05047
Ampd3	MmuINT0014754	chr7	1.18E+08	1.18E+08	+	0.024753
Ampd3	MmuINT0014755	chr7	1.18E+08	1.18E+08	+	0.024761
Amt	MmuINT0014779	chr9	1.08E+08	1.08E+08	+	0.185183
Amt	MmuINT0014780	chr9	1.08E+08	1.08E+08	+	0.600287
Amt	MmuINT0014781	chr9	1.08E+08	1.08E+08	+	0.426447
Amt	MmuINT0014782	chr9	1.08E+08	1.08E+08	+	0.380267
Amt	MmuINT0014783	chr9	1.08E+08	1.08E+08	+	0.439902
Amy1	MmuINT0014793	chr3	1.13E+08	1.13E+08	-	0.010075
Amy1	MmuINT0014794	chr3	1.13E+08	1.13E+08	-	0.018394
Amy1	MmuINT0014796	chr3	1.13E+08	1.13E+08	-	0.048917
Amy1	MmuINT0014797	chr3	1.13E+08	1.13E+08	-	0.009184
Amy1	MmuINT0014798	chr3	1.13E+08	1.13E+08	-	0.012359
Amy1	MmuINT0014799	chr3	1.13E+08	1.13E+08	-	0.026097
Amy1	MmuINT0014800	chr3	1.13E+08	1.13E+08	-	0.017643
Amy1	MmuINT0014801	chr3	1.13E+08	1.13E+08	-	0.009165
Amz2	MmuINT0014840	chr11	1.09E+08	1.09E+08	+	0.079298
Amz2	MmuINT0014841	chr11	1.09E+08	1.09E+08	+	0.003262
Amz2	MmuINT0014842	chr11	1.09E+08	1.09E+08	+	0.001765
Amz2	MmuINT0014843	chr11	1.09E+08	1.09E+08	+	0.000186
Amz2	MmuINT0014844	chr11	1.09E+08	1.09E+08	+	0.001884
Amz2	MmuINT0014845	chr11	1.09E+08	1.09E+08	+	0.023885
Amz2	MmuINT0014846	chr11	1.09E+08	1.09E+08	+	0.013435
Amz2	MmuINT0014847	chr11	1.09E+08	1.09E+08	+	0.025944
Anapc1	MmuINT0014849	chr2	1.28E+08	1.29E+08	-	0.019986
Anapc1	MmuINT0014850	chr2	1.28E+08	1.28E+08	-	0.015819
Anapc1	MmuINT0014853	chr2	1.28E+08	1.28E+08	-	0.010274
Anapc1	MmuINT0014854	chr2	1.28E+08	1.28E+08	-	0.013907
Anapc1	MmuINT0014855	chr2	1.28E+08	1.28E+08	-	0.014115
Anapc1	MmuINT0014856	chr2	1.28E+08	1.28E+08	-	0.009755
Anapc1	MmuINT0014857	chr2	1.28E+08	1.28E+08	-	0.014526
Anapc1	MmuINT0014858	chr2	1.28E+08	1.28E+08	-	0.013578
Anapc1	MmuINT0014859	chr2	1.29E+08	1.29E+08	-	0.013157
Anapc1	MmuINT0014860	chr2	1.28E+08	1.28E+08	-	0.014353
Anapc1	MmuINT0014861	chr2	1.28E+08	1.28E+08	-	0.02298
Anapc1	MmuINT0014862	chr2	1.28E+08	1.28E+08	-	0.014086
Anapc1	MmuINT0014863	chr2	1.28E+08	1.28E+08	-	0.015468
Anapc1	MmuINT0014864	chr2	1.28E+08	1.28E+08	-	0.010783
Anapc1	MmuINT0014865	chr2	1.28E+08	1.28E+08	-	0.00616
Anapc1	MmuINT0014866	chr2	1.28E+08	1.28E+08	-	0.010721
Anapc1	MmuINT0014867	chr2	1.28E+08	1.28E+08	-	0.013516
Anapc1	MmuINT0014868	chr2	1.28E+08	1.28E+08	-	0.012986
Anapc1	MmuINT0014869	chr2	1.28E+08	1.28E+08	-	0.016966

Anapc1	MmuINT0014870	chr2	1.29E+08	1.29E+08	-	0.016031
Anapc1	MmuINT0014871	chr2	1.28E+08	1.28E+08	-	0.012262
Anapc1	MmuINT0014872	chr2	1.28E+08	1.28E+08	-	0.013596
Anapc1	MmuINT0014873	chr2	1.28E+08	1.28E+08	-	0.013582
Anapc1	MmuINT0014874	chr2	1.28E+08	1.28E+08	-	0.01576
Anapc1	MmuINT0014875	chr2	1.28E+08	1.28E+08	-	0.01649
Anapc1	MmuINT0014877	chr2	1.28E+08	1.28E+08	-	0.035748
Anapc1	MmuINT0014878	chr2	1.28E+08	1.28E+08	-	0.016834
Anapc1	MmuINT0014879	chr2	1.28E+08	1.28E+08	-	0.011621
Anapc1	MmuINT0014880	chr2	1.28E+08	1.28E+08	-	0.007657
Anapc1	MmuINT0014882	chr2	1.28E+08	1.28E+08	-	0.010279
Anapc1	MmuINT0014883	chr2	1.28E+08	1.28E+08	-	0.111296
Anapc1	MmuINT0014884	chr2	1.28E+08	1.28E+08	-	0.148454
Anapc1	MmuINT0014885	chr2	1.28E+08	1.28E+08	-	0.013915
Anapc1	MmuINT0014886	chr2	1.28E+08	1.28E+08	-	0.010147
Anapc1	MmuINT0014887	chr2	1.28E+08	1.28E+08	-	0.021644
Anapc1	MmuINT0014888	chr2	1.28E+08	1.28E+08	-	0.021081
Anapc1	MmuINT0014889	chr2	1.28E+08	1.28E+08	-	0.024666
Anapc1	MmuINT0014891	chr2	1.29E+08	1.29E+08	-	0.019712
Anapc1	MmuINT0014892	chr2	1.29E+08	1.29E+08	-	0.017339
Anapc1	MmuINT0014893	chr2	1.29E+08	1.29E+08	-	0.01888
Anapc1	MmuINT0014894	chr2	1.29E+08	1.29E+08	-	0.008962
Anapc10	MmuINT0014897	chr8	82243648	82253028	+	0.006662
Anapc10	MmuINT0014898	chr8	82253150	82298830	+	0.010311
Anapc11	MmuINT0014900	chr11	1.2E+08	1.2E+08	+	0.011656
Anapc13	MmuINT0014901	chr9	1.03E+08	1.03E+08	+	0.039163
Anapc13	MmuINT0014902	chr9	1.03E+08	1.03E+08	+	0.001333
Anapc16	MmuINT0014903	chr10	59459363	59465703	-	0.009648
Anapc16	MmuINT0014904	chr10	59453656	59459195	-	0.004565
Anapc16	MmuINT0014905	chr10	59451587	59453580	-	0.014543
Anapc2	MmuINT0014906	chr2	25128198	25128434	+	0.0259
Anapc2	MmuINT0014907	chr2	25136007	25140081	+	0.030994
Anapc2	MmuINT0014908	chr2	25140212	25140456	+	0.051486
Anapc2	MmuINT0014909	chr2	25140693	25140770	+	0.017339
Anapc2	MmuINT0014910	chr2	25129058	25129319	+	0.072046
Anapc2	MmuINT0014911	chr2	25129453	25130185	+	0.019687
Anapc2	MmuINT0014912	chr2	25130361	25131835	+	0.00487
Anapc2	MmuINT0014913	chr2	25131956	25133155	+	0.005003
Anapc2	MmuINT0014914	chr2	25133274	25133843	+	0.006357
Anapc2	MmuINT0014915	chr2	25134026	25134691	+	0.013536
Anapc2	MmuINT0014916	chr2	25134834	25135646	+	0.012058
Anapc2	MmuINT0014917	chr2	25135723	25135802	+	0.009931
Anapc4	MmuINT0014918	chr5	53225632	53226916	+	0.008892
Anapc4	MmuINT0014919	chr5	53237958	53239229	+	0.008719
Anapc4	MmuINT0014920	chr5	53239295	53239832	+	0.009562
Anapc4	MmuINT0014921	chr5	53239876	53239993	+	0.018299
Anapc4	MmuINT0014922	chr5	53240071	53241696	+	0.018232
Anapc4	MmuINT0014923	chr5	53241798	53241881	+	0.010003
Anapc4	MmuINT0014924	chr5	53241934	53246822	+	0.010222
Anapc4	MmuINT0014925	chr5	53246879	53247082	+	0.01356

Anapc4	MmuINT0014926	chr5	53247130	53248046	+	0.025816
Anapc4	MmuINT0014927	chr5	53248104	53248409	+	0.02113
Anapc4	MmuINT0014928	chr5	53248467	53250351	+	0.060556
Anapc4	MmuINT0014929	chr5	53227023	53230860	+	0.007574
Anapc4	MmuINT0014930	chr5	53250446	53252481	+	0.052148
Anapc4	MmuINT0014931	chr5	53252580	53253187	+	0.035432
Anapc4	MmuINT0014932	chr5	53253250	53253329	+	0.03365
Anapc4	MmuINT0014933	chr5	53253369	53253460	+	0.025746
Anapc4	MmuINT0014934	chr5	53253563	53254825	+	0.025774
Anapc4	MmuINT0014935	chr5	53254901	53255717	+	0.018189
Anapc4	MmuINT0014936	chr5	53255892	53257132	+	0.018866
Anapc4	MmuINT0014937	chr5	53257257	53257633	+	0.00643
Anapc4	MmuINT0014938	chr5	53230994	53232954	+	0.008454
Anapc4	MmuINT0014939	chr5	53233030	53233143	+	0.009031
Anapc4	MmuINT0014940	chr5	53233171	53233262	+	0.010063
Anapc4	MmuINT0014941	chr5	53233308	53234059	+	0.011149
Anapc4	MmuINT0014942	chr5	53234145	53234725	+	0.008222
Anapc4	MmuINT0014943	chr5	53234831	53236562	+	0.00764
Anapc4	MmuINT0014944	chr5	53236647	53237870	+	0.008187
Anapc5	MmuINT0014945	chr5	1.23E+08	1.23E+08	-	0.002073
Anapc5	MmuINT0014946	chr5	1.23E+08	1.23E+08	-	0.004226
Anapc5	MmuINT0014947	chr5	1.23E+08	1.23E+08	-	0.001558
Anapc5	MmuINT0014949	chr5	1.23E+08	1.23E+08	-	0.006828
Anapc5	MmuINT0014951	chr5	1.23E+08	1.23E+08	-	0.00053
Anapc5	MmuINT0014952	chr5	1.23E+08	1.23E+08	-	0.001785
Anapc5	MmuINT0014953	chr5	1.23E+08	1.23E+08	-	0.011459
Anapc5	MmuINT0014954	chr5	1.23E+08	1.23E+08	-	0.001004
Anapc5	MmuINT0014955	chr5	1.23E+08	1.23E+08	-	0.001565
Anapc5	MmuINT0014956	chr5	1.23E+08	1.23E+08	-	0.001986
Anapc5	MmuINT0014959	chr5	1.23E+08	1.23E+08	-	0.108454
Anapc7	MmuINT0014960	chr5	1.23E+08	1.23E+08	+	0.006644
Anapc7	MmuINT0014961	chr5	1.23E+08	1.23E+08	+	0.020425
Anapc7	MmuINT0014962	chr5	1.23E+08	1.23E+08	+	0.008057
Anapc7	MmuINT0014963	chr5	1.23E+08	1.23E+08	+	0.00538
Anapc7	MmuINT0014964	chr5	1.23E+08	1.23E+08	+	0.008551
Anapc7	MmuINT0014965	chr5	1.23E+08	1.23E+08	+	0.004784
Anapc7	MmuINT0014966	chr5	1.23E+08	1.23E+08	+	0.005977
Anapc7	MmuINT0014967	chr5	1.23E+08	1.23E+08	+	0.011178
Anapc7	MmuINT0014968	chr5	1.23E+08	1.23E+08	+	0.014811
Anapc7	MmuINT0014969	chr5	1.23E+08	1.23E+08	+	0.035482
Ang	MmuINT0014970	chr14	51710929	51721060	+	0.150355
Angel1	MmuINT0014979	chr12	88058792	88061179	-	0.152456
Angel1	MmuINT0014982	chr12	88044271	88046216	-	0.056059
Angel2	MmuINT0014984	chr1	1.93E+08	1.93E+08	+	0.065176
Angel2	MmuINT0014985	chr1	1.93E+08	1.93E+08	+	0.007943
Angel2	MmuINT0014986	chr1	1.93E+08	1.93E+08	+	0.042068
Angel2	MmuINT0014987	chr1	1.93E+08	1.93E+08	+	0.081562
Angel2	MmuINT0014988	chr1	1.93E+08	1.93E+08	+	0.068564
Angel2	MmuINT0014989	chr1	1.93E+08	1.93E+08	+	0.068787
Angel2	MmuINT0014990	chr1	1.93E+08	1.93E+08	+	0.021987

Angel2	MmuINT0014991	chr1	1.93E+08	1.93E+08	+	0.016474
Angpt1	MmuINT0014992	chr15	42355206	42507710	-	0.028596
Angpt1	MmuINT0014993	chr15	42343952	42355049	-	0.011378
Angpt1	MmuINT0014994	chr15	42328006	42343829	-	0.007179
Angpt1	MmuINT0014996	chr15	42299804	42307923	-	0.011741
Angpt1	MmuINT0014997	chr15	42291380	42299701	-	0.011581
Angpt1	MmuINT0014998	chr15	42269952	42291212	-	0.012154
Angpt1	MmuINT0014999	chr15	42258677	42269820	-	0.01231
Angpt2	MmuINT0015001	chr8	18710641	18714080	-	0.064768
Angpt2	MmuINT0015002	chr8	18705884	18710518	-	0.069125
Angpt2	MmuINT0015004	chr8	18699170	18703478	-	0.058063
Angpt2	MmuINT0015006	chr8	18694528	18698043	-	0.097338
Angptl2	MmuINT0015020	chr2	33071974	33083694	+	0.005031
Angptl2	MmuINT0015021	chr2	33084553	33097719	+	0.0076
Angptl2	MmuINT0015022	chr2	33097914	33099198	+	0.024894
Angptl2	MmuINT0015023	chr2	33099470	33101606	+	0.031676
Angptl4	MmuINT0015030	chr17	33917839	33918007	-	0.073547
Angptl4	MmuINT0015031	chr17	33917593	33917727	-	0.048037
Angptl4	MmuINT0015032	chr17	33915431	33917474	-	0.034594
Angptl4	MmuINT0015033	chr17	33914361	33915316	-	0.072316
Angptl4	MmuINT0015034	chr17	33914177	33914264	-	0.055247
Angptl4	MmuINT0015035	chr17	33912514	33913894	-	0.05207
Angptl6	MmuINT0015037	chr9	20681014	20682492	-	0.066635
Angptl6	MmuINT0015038	chr9	20680146	20680835	-	0.01979
Angptl6	MmuINT0015039	chr9	20679881	20679957	-	0.106743
Ank	MmuINT0015044	chr15	27396855	27474005	+	0.001915
Ank	MmuINT0015045	chr15	27520797	27521191	+	0.004564
Ank	MmuINT0015046	chr15	27521292	27522858	+	0.007643
Ank	MmuINT0015047	chr15	27474223	27483443	+	0.001666
Ank	MmuINT0015048	chr15	27483563	27486918	+	0.001577
Ank	MmuINT0015049	chr15	27487003	27492478	+	0.001772
Ank	MmuINT0015050	chr15	27492650	27494656	+	0.002312
Ank	MmuINT0015051	chr15	27494792	27497269	+	0.005325
Ank	MmuINT0015052	chr15	27497363	27501313	+	0.023437
Ank	MmuINT0015053	chr15	27501410	27520097	+	0.004405
Ank	MmuINT0015054	chr15	27520228	27520672	+	0.000968
Ank1	MmuINT0015091	chr8	24246307	24250616	+	0.532913
Ank1	MmuINT0015092	chr8	24250701	24251635	+	0.004187
Ank1	MmuINT0015093	chr8	24251702	24252067	+	0.031307
Ank2	MmuINT0015101	chr3	1.27E+08	1.27E+08	-	0.00401
Ank2	MmuINT0015102	chr3	1.27E+08	1.27E+08	-	0.005658
Ank2	MmuINT0015103	chr3	1.27E+08	1.27E+08	-	0.005158
Ank2	MmuINT0015104	chr3	1.27E+08	1.27E+08	-	0.003479
Ank2	MmuINT0015105	chr3	1.27E+08	1.27E+08	-	0.003331
Ank2	MmuINT0015106	chr3	1.27E+08	1.27E+08	-	0.004372
Ank2	MmuINT0015107	chr3	1.27E+08	1.27E+08	-	0.00562
Ank2	MmuINT0015108	chr3	1.27E+08	1.27E+08	-	0.003676
Ank2	MmuINT0015109	chr3	1.27E+08	1.27E+08	-	0.004152
Ank2	MmuINT0015110	chr3	1.27E+08	1.27E+08	-	0.020378
Ank2	MmuINT0015111	chr3	1.27E+08	1.27E+08	-	0.004685

Ank2	MmuINT0015112	chr3	1.27E+08	1.27E+08	-	0.002998
Ank2	MmuINT0015113	chr3	1.27E+08	1.27E+08	-	0.086283
Ank2	MmuINT0015114	chr3	1.27E+08	1.27E+08	-	0.003196
Ank2	MmuINT0015115	chr3	1.27E+08	1.27E+08	-	0.008293
Ank2	MmuINT0015116	chr3	1.27E+08	1.27E+08	-	0.146163
Ank2	MmuINT0015117	chr3	1.27E+08	1.27E+08	-	0.043015
Ank2	MmuINT0015119	chr3	1.27E+08	1.27E+08	-	0.003934
Ank2	MmuINT0015120	chr3	1.27E+08	1.27E+08	-	0.017035
Ank2	MmuINT0015121	chr3	1.27E+08	1.27E+08	-	0.004126
Ank2	MmuINT0015122	chr3	1.27E+08	1.27E+08	-	0.006069
Ank2	MmuINT0015123	chr3	1.27E+08	1.27E+08	-	0.004483
Ank3	MmuINT0015124	chr10	69388940	69390442	+	0.057931
Ank3	MmuINT0015125	chr10	69441448	69442065	+	0.008452
Ank3	MmuINT0015126	chr10	69442192	69443019	+	0.009958
Ank3	MmuINT0015127	chr10	69443143	69444863	+	0.00969
Ank3	MmuINT0015128	chr10	69444946	69457119	+	0.058394
Ank3	MmuINT0015129	chr10	69457195	69460842	+	0.006365
Ank3	MmuINT0015130	chr10	69460975	69462102	+	0.005676
Ank3	MmuINT0015131	chr10	69465350	69467357	+	0.004866
Ank3	MmuINT0015132	chr10	69467740	69478315	+	0.010167
Ank3	MmuINT0015133	chr10	69478402	69486579	+	0.032022
Ank3	MmuINT0015134	chr10	69390567	69395141	+	0.044424
Ank3	MmuINT0015135	chr10	69395245	69413699	+	0.009173
Ank3	MmuINT0015136	chr10	69413807	69418673	+	0.019124
Ank3	MmuINT0015137	chr10	69418899	69421665	+	0.007896
Ank3	MmuINT0015138	chr10	69421821	69436469	+	0.006149
Ank3	MmuINT0015139	chr10	69436682	69438795	+	0.007928
Ank3	MmuINT0015140	chr10	69439004	69440460	+	0.008175
Ank3	MmuINT0015141	chr10	69440558	69441218	+	0.009384
Ank3	MmuINT0015142	chr10	68997033	69271163	+	0.016665
Ank3	MmuINT0015143	chr10	69333948	69337537	+	0.019586
Ank3	MmuINT0015144	chr10	69337637	69340577	+	0.018971
Ank3	MmuINT0015145	chr10	69340677	69342640	+	0.016572
Ank3	MmuINT0015146	chr10	69342740	69345108	+	0.012204
Ank3	MmuINT0015147	chr10	69345307	69347494	+	0.010931
Ank3	MmuINT0015150	chr10	69355268	69356192	+	0.01003
Ank3	MmuINT0015151	chr10	69356292	69360788	+	0.018459
Ank3	MmuINT0015152	chr10	69360888	69360975	+	0.015943
Ank3	MmuINT0015153	chr10	69271266	69271620	+	0.014525
Ank3	MmuINT0015154	chr10	69361075	69361741	+	0.013957
Ank3	MmuINT0015155	chr10	69361838	69366945	+	0.010107
Ank3	MmuINT0015156	chr10	69367019	69367195	+	0.044873
Ank3	MmuINT0015159	chr10	69271720	69271918	+	0.011997
Ank3	MmuINT0015161	chr10	69272018	69278442	+	0.014837
Ank3	MmuINT0015162	chr10	69278542	69284955	+	0.017858
Ank3	MmuINT0015163	chr10	69285142	69287065	+	0.014159
Ank3	MmuINT0015164	chr10	69287165	69312853	+	0.013588
Ank3	MmuINT0015165	chr10	69312953	69330132	+	0.017593
Ank3	MmuINT0015166	chr10	69330232	69333749	+	0.012983
Ankfy1	MmuINT0015221	chr11	72503537	72525658	+	0.046883



Ankfy1	MmuINT0015222	chr11	72554104	72560357	+	0.025046
Ankfy1	MmuINT0015223	chr11	72560456	72562801	+	0.031541
Ankfy1	MmuINT0015224	chr11	72563031	72563581	+	0.021629
Ankfy1	MmuINT0015225	chr11	72563681	72563902	+	0.024586
Ankfy1	MmuINT0015226	chr11	72564057	72565566	+	0.037936
Ankfy1	MmuINT0015227	chr11	72565736	72567101	+	0.038163
Ankfy1	MmuINT0015228	chr11	72567221	72567838	+	0.022606
Ankfy1	MmuINT0015229	chr11	72567996	72569191	+	0.024288
Ankfy1	MmuINT0015230	chr11	72569393	72570794	+	0.019393
Ankfy1	MmuINT0015231	chr11	72570972	72571954	+	0.024452
Ankfy1	MmuINT0015232	chr11	72525852	72527866	+	0.026952
Ankfy1	MmuINT0015233	chr11	72572103	72573417	+	0.028738
Ankfy1	MmuINT0015234	chr11	72573509	72573741	+	0.0322
Ankfy1	MmuINT0015235	chr11	72573867	72574864	+	0.031276
Ankfy1	MmuINT0015236	chr11	72575012	72578278	+	0.064363
Ankfy1	MmuINT0015237	chr11	72578370	72581014	+	0.100013
Ankfy1	MmuINT0015238	chr11	72527986	72536129	+	0.033951
Ankfy1	MmuINT0015239	chr11	72536266	72542262	+	0.021325
Ankfy1	MmuINT0015240	chr11	72542387	72543973	+	0.026126
Ankfy1	MmuINT0015241	chr11	72544124	72545749	+	0.031129
Ankfy1	MmuINT0015242	chr11	72545916	72551753	+	0.035356
Ankfy1	MmuINT0015243	chr11	72551959	72553490	+	0.033193
Ankfy1	MmuINT0015244	chr11	72553560	72553903	+	0.037292
Ankhd1	MmuINT0015245	chr18	36720710	36734672	+	0.022567
Ankhd1	MmuINT0015246	chr18	36760530	36771453	+	0.055614
Ankhd1	MmuINT0015247	chr18	36771542	36772746	+	0.01942
Ankhd1	MmuINT0015248	chr18	36772875	36773486	+	0.016315
Ankhd1	MmuINT0015249	chr18	36773631	36774368	+	0.155213
Ankhd1	MmuINT0015250	chr18	36774472	36784162	+	0.089792
Ankhd1	MmuINT0015252	chr18	36791867	36792003	+	0.014282
Ankhd1	MmuINT0015253	chr18	36792116	36792361	+	0.014368
Ankhd1	MmuINT0015254	chr18	36792508	36793880	+	0.016174
Ankhd1	MmuINT0015255	chr18	36794024	36794245	+	0.016728
Ankhd1	MmuINT0015256	chr18	36734824	36738271	+	0.027658
Ankhd1	MmuINT0015257	chr18	36794460	36797858	+	0.015184
Ankhd1	MmuINT0015258	chr18	36798035	36798199	+	0.013856
Ankhd1	MmuINT0015259	chr18	36798363	36799918	+	0.02194
Ankhd1	MmuINT0015260	chr18	36800015	36801230	+	0.074193
Ankhd1	MmuINT0015261	chr18	36801348	36802579	+	0.013155
Ankhd1	MmuINT0015262	chr18	36802749	36803914	+	0.015093
Ankhd1	MmuINT0015263	chr18	36804369	36804758	+	0.010267
Ankhd1	MmuINT0015264	chr18	36804894	36806344	+	0.009281
Ankhd1	MmuINT0015265	chr18	36806495	36806784	+	0.014319
Ankhd1	MmuINT0015266	chr18	36808395	36813746	+	0.008988
Ankhd1	MmuINT0015267	chr18	36738429	36740721	+	0.016828
Ankhd1	MmuINT0015268	chr18	36813921	36815076	+	0.026436
Ankhd1	MmuINT0015269	chr18	36815332	36816339	+	0.00917
Ankhd1	MmuINT0015270	chr18	36816489	36817627	+	0.012004
Ankhd1	MmuINT0015271	chr18	36817793	36818053	+	0.102148
Ankhd1	MmuINT0015272	chr18	36740870	36743265	+	0.013192

Ankhd1	MmuINT0015273	chr18	36743414	36749001	+	0.019383
Ankhd1	MmuINT0015274	chr18	36749236	36751100	+	0.024519
Ankhd1	MmuINT0015275	chr18	36751196	36753738	+	0.018642
Ankhd1	MmuINT0015276	chr18	36753977	36754455	+	0.011217
Ankhd1	MmuINT0015277	chr18	36754648	36760419	+	0.026726
Ankib1	MmuINT0015278	chr5	3772788	3802596	-	0.068744
Ankib1	MmuINT0015279	chr5	3713239	3722545	-	0.046032
Ankib1	MmuINT0015280	chr5	3706324	3713107	-	0.035969
Ankib1	MmuINT0015281	chr5	3704875	3706188	-	0.046323
Ankib1	MmuINT0015282	chr5	3704593	3704787	-	0.041188
Ankib1	MmuINT0015283	chr5	3703038	3704525	-	0.032885
Ankib1	MmuINT0015284	chr5	3701984	3702891	-	0.025029
Ankib1	MmuINT0015285	chr5	3700408	3701804	-	0.041089
Ankib1	MmuINT0015286	chr5	3694876	3700355	-	0.362952
Ankib1	MmuINT0015287	chr5	3693906	3694778	-	0.032822
Ankib1	MmuINT0015288	chr5	3693497	3693771	-	0.018035
Ankib1	MmuINT0015289	chr5	3769730	3772516	-	0.029373
Ankib1	MmuINT0015290	chr5	3755777	3769428	-	0.023532
Ankib1	MmuINT0015291	chr5	3747139	3755593	-	0.029042
Ankib1	MmuINT0015292	chr5	3734185	3747020	-	0.033582
Ankib1	MmuINT0015293	chr5	3732629	3733975	-	0.030348
Ankib1	MmuINT0015294	chr5	3729780	3732539	-	0.031203
Ankib1	MmuINT0015295	chr5	3727656	3729634	-	0.034338
Ankib1	MmuINT0015296	chr5	3722635	3727488	-	0.039116
Ankle2	MmuINT0015312	chr5	1.11E+08	1.11E+08	+	0.013733
Ankle2	MmuINT0015313	chr5	1.11E+08	1.11E+08	+	0.025609
Ankle2	MmuINT0015314	chr5	1.11E+08	1.11E+08	+	0.014572
Ankle2	MmuINT0015315	chr5	1.11E+08	1.11E+08	+	0.009138
Ankle2	MmuINT0015316	chr5	1.11E+08	1.11E+08	+	0.02438
Ankle2	MmuINT0015317	chr5	1.11E+08	1.11E+08	+	0.719896
Ankle2	MmuINT0015318	chr5	1.11E+08	1.11E+08	+	0.01202
Ankle2	MmuINT0015319	chr5	1.11E+08	1.11E+08	+	0.029355
Ankle2	MmuINT0015320	chr5	1.11E+08	1.11E+08	+	0.050089
Ankle2	MmuINT0015321	chr5	1.11E+08	1.11E+08	+	0.027129
Ankle2	MmuINT0015322	chr5	1.11E+08	1.11E+08	+	0.020137
Ankle2	MmuINT0015323	chr5	1.11E+08	1.11E+08	+	0.026356
Ankmy2	MmuINT0015341	chr12	36884011	36892456	+	0.022408
Ankmy2	MmuINT0015342	chr12	36892522	36897035	+	0.017196
Ankmy2	MmuINT0015343	chr12	36897175	36903166	+	0.017347
Ankmy2	MmuINT0015344	chr12	36903266	36908934	+	0.026543
Ankmy2	MmuINT0015345	chr12	36909096	36913312	+	0.008412
Ankmy2	MmuINT0015346	chr12	36913528	36914236	+	0.015869
Ankmy2	MmuINT0015347	chr12	36914373	36920256	+	0.019783
Ankmy2	MmuINT0015348	chr12	36920386	36921570	+	0.019652
Ankmy2	MmuINT0015349	chr12	36921701	36922806	+	0.010048
Ankra2	MmuINT0015350	chr13	99033432	99036105	+	0.044345
Ankra2	MmuINT0015351	chr13	99036488	99037270	+	0.053241
Ankra2	MmuINT0015352	chr13	99037430	99038384	+	0.037869
Ankra2	MmuINT0015353	chr13	99038451	99041009	+	0.029992
Ankra2	MmuINT0015354	chr13	99041108	99041608	+	0.04865

Ankra2	MmuINT0015355	chr13	99041735	99042180	+	0.042213
Ankra2	MmuINT0015356	chr13	99042248	99042726	+	0.035463
Ankra2	MmuINT0015357	chr13	99042808	99043332	+	0.194026
Ankrd1	MmuINT0015358	chr19	36193889	36194244	-	0.000455
Ankrd1	MmuINT0015359	chr19	36192854	36193708	-	0.002516
Ankrd1	MmuINT0015360	chr19	36192432	36192715	-	0.003066
Ankrd1	MmuINT0015361	chr19	36191360	36192323	-	0.002628
Ankrd1	MmuINT0015362	chr19	36190062	36191260	-	0.003006
Ankrd1	MmuINT0015363	chr19	36189788	36189962	-	0.00459
Ankrd1	MmuINT0015364	chr19	36189566	36189688	-	0.003945
Ankrd1	MmuINT0015365	chr19	36187308	36189466	-	0.004126
Ankrd10	MmuINT0015366	chr8	11633019	11635410	-	0.098966
Ankrd10	MmuINT0015367	chr8	11628531	11632865	-	0.010446
Ankrd10	MmuINT0015368	chr8	11619298	11628438	-	0.514644
Ankrd11	MmuINT0015374	chr8	1.25E+08	1.26E+08	-	0.032298
Ankrd11	MmuINT0015375	chr8	1.25E+08	1.25E+08	-	0.027926
Ankrd11	MmuINT0015376	chr8	1.25E+08	1.25E+08	-	0.028394
Ankrd11	MmuINT0015377	chr8	1.25E+08	1.25E+08	-	0.033771
Ankrd11	MmuINT0015378	chr8	1.25E+08	1.25E+08	-	0.035386
Ankrd11	MmuINT0015379	chr8	1.25E+08	1.25E+08	-	0.013275
Ankrd11	MmuINT0015380	chr8	1.25E+08	1.25E+08	-	0.009275
Ankrd11	MmuINT0015381	chr8	1.25E+08	1.25E+08	-	0.016364
Ankrd11	MmuINT0015385	chr8	1.25E+08	1.25E+08	-	0.655285
Ankrd11	MmuINT0015386	chr8	1.25E+08	1.25E+08	-	0.00968
Ankrd11	MmuINT0015387	chr8	1.25E+08	1.25E+08	-	0.343235
Ankrd12	MmuINT0015389	chr17	66325505	66328841	-	0.065204
Ankrd12	MmuINT0015390	chr17	66321733	66325360	-	0.096155
Ankrd12	MmuINT0015391	chr17	66319678	66321636	-	0.180729
Ankrd12	MmuINT0015393	chr17	66391942	66399125	-	0.065326
Ankrd12	MmuINT0015394	chr17	66386980	66391872	-	0.04986
Ankrd12	MmuINT0015398	chr17	66336834	66373415	-	0.110753
Ankrd12	MmuINT0015399	chr17	66328941	66332175	-	0.090953
Ankrd13a	MmuINT0015400	chr5	1.15E+08	1.15E+08	+	0.011611
Ankrd13a	MmuINT0015401	chr5	1.15E+08	1.15E+08	+	0.026279
Ankrd13a	MmuINT0015402	chr5	1.15E+08	1.15E+08	+	0.026282
Ankrd13a	MmuINT0015403	chr5	1.15E+08	1.15E+08	+	0.017202
Ankrd13a	MmuINT0015404	chr5	1.15E+08	1.15E+08	+	0.017615
Ankrd13a	MmuINT0015405	chr5	1.15E+08	1.15E+08	+	0.027811
Ankrd13a	MmuINT0015406	chr5	1.15E+08	1.15E+08	+	0.008958
Ankrd13a	MmuINT0015407	chr5	1.15E+08	1.15E+08	+	0.014035
Ankrd13a	MmuINT0015408	chr5	1.15E+08	1.15E+08	+	0.014623
Ankrd13a	MmuINT0015409	chr5	1.15E+08	1.15E+08	+	0.014068
Ankrd13a	MmuINT0015410	chr5	1.15E+08	1.15E+08	+	0.025309
Ankrd13a	MmuINT0015411	chr5	1.15E+08	1.15E+08	+	0.02347
Ankrd13a	MmuINT0015412	chr5	1.15E+08	1.15E+08	+	0.012268
Ankrd13a	MmuINT0015413	chr5	1.15E+08	1.15E+08	+	0.014451
Ankrd13b	MmuINT0015414	chr11	77291281	77302940	-	0.0279
Ankrd13b	MmuINT0015415	chr11	77286671	77286782	-	0.116261
Ankrd13b	MmuINT0015416	chr11	77286380	77286512	-	0.033728
Ankrd13b	MmuINT0015417	chr11	77286115	77286226	-	0.113933

Ankrd13b	MmuINT0015418	chr11	77285881	77285950	-	0.04693
Ankrd13b	MmuINT0015419	chr11	77285682	77285803	-	0.925394
Ankrd13b	MmuINT0015420	chr11	77285381	77285515	-	0.903585
Ankrd13b	MmuINT0015421	chr11	77291047	77291144	-	0.019617
Ankrd13b	MmuINT0015422	chr11	77290839	77290921	-	0.031301
Ankrd13b	MmuINT0015423	chr11	77290248	77290792	-	0.071044
Ankrd13b	MmuINT0015424	chr11	77290019	77290103	-	0.037708
Ankrd13b	MmuINT0015425	chr11	77289752	77289828	-	0.019878
Ankrd13b	MmuINT0015426	chr11	77288107	77289684	-	0.018481
Ankrd13b	MmuINT0015427	chr11	77287147	77288024	-	0.042753
Ankrd13b	MmuINT0015428	chr11	77286914	77287081	-	0.032579
Ankrd13c	MmuINT0015429	chr3	1.58E+08	1.58E+08	+	0.030572
Ankrd13c	MmuINT0015430	chr3	1.58E+08	1.58E+08	+	0.019338
Ankrd13c	MmuINT0015431	chr3	1.58E+08	1.58E+08	+	0.013004
Ankrd13c	MmuINT0015432	chr3	1.58E+08	1.58E+08	+	0.006981
Ankrd13c	MmuINT0015433	chr3	1.58E+08	1.58E+08	+	0.013013
Ankrd13c	MmuINT0015434	chr3	1.58E+08	1.58E+08	+	0.014343
Ankrd13c	MmuINT0015435	chr3	1.58E+08	1.58E+08	+	0.015926
Ankrd13c	MmuINT0015436	chr3	1.58E+08	1.58E+08	+	0.017689
Ankrd13c	MmuINT0015437	chr3	1.58E+08	1.58E+08	+	0.013083
Ankrd13c	MmuINT0015438	chr3	1.58E+08	1.58E+08	+	0.010926
Ankrd13c	MmuINT0015439	chr3	1.58E+08	1.58E+08	+	0.007482
Ankrd13c	MmuINT0015440	chr3	1.58E+08	1.58E+08	+	0.034486
Ankrd16	MmuINT0015455	chr2	11700530	11701303	+	0.084553
Ankrd16	MmuINT0015456	chr2	11701525	11703103	+	0.4508
Ankrd16	MmuINT0015457	chr2	11703147	11705267	+	0.616688
Ankrd16	MmuINT0015458	chr2	11705377	11705917	+	0.225618
Ankrd16	MmuINT0015459	chr2	11706080	11707850	+	0.126228
Ankrd16	MmuINT0015460	chr2	11707930	11711360	+	0.053856
Ankrd17	MmuINT0015462	chr5	90716362	90717608	-	0.008486
Ankrd17	MmuINT0015463	chr5	90714989	90716273	-	0.013806
Ankrd17	MmuINT0015464	chr5	90714657	90714860	-	0.010527
Ankrd17	MmuINT0015465	chr5	90714169	90714512	-	0.007539
Ankrd17	MmuINT0015468	chr5	90697775	90707267	-	0.007166
Ankrd17	MmuINT0015469	chr5	90697503	90697662	-	0.007937
Ankrd17	MmuINT0015470	chr5	90694599	90697356	-	0.009333
Ankrd17	MmuINT0015471	chr5	90693866	90694455	-	0.008538
Ankrd17	MmuINT0015472	chr5	90729171	90732936	-	0.007563
Ankrd17	MmuINT0015473	chr5	90693192	90693651	-	0.008528
Ankrd17	MmuINT0015474	chr5	90692447	90693015	-	0.008444
Ankrd17	MmuINT0015475	chr5	90689206	90692283	-	0.00667
Ankrd17	MmuINT0015476	chr5	90687576	90689109	-	0.008835
Ankrd17	MmuINT0015477	chr5	90683837	90687458	-	0.012114
Ankrd17	MmuINT0015478	chr5	90682968	90683664	-	0.009244
Ankrd17	MmuINT0015479	chr5	90682048	90682519	-	0.013601
Ankrd17	MmuINT0015480	chr5	90679550	90681891	-	0.009951
Ankrd17	MmuINT0015481	chr5	90673520	90679399	-	0.005817
Ankrd17	MmuINT0015482	chr5	90668177	90671888	-	0.014931
Ankrd17	MmuINT0015483	chr5	90727713	90729013	-	0.008091
Ankrd17	MmuINT0015484	chr5	90663175	90667963	-	0.006542

Ankrd17	MmuINT0015485	chr5	90661445	90662925	-	0.011888
Ankrd17	MmuINT0015486	chr5	90659996	90661265	-	0.01511
Ankrd17	MmuINT0015487	chr5	90658367	90659830	-	0.018753
Ankrd17	MmuINT0015488	chr5	90727160	90727564	-	0.008673
Ankrd17	MmuINT0015489	chr5	90724844	90727011	-	0.006208
Ankrd17	MmuINT0015490	chr5	90722322	90724609	-	0.008221
Ankrd17	MmuINT0015491	chr5	90720211	90722226	-	0.009749
Ankrd17	MmuINT0015492	chr5	90718455	90719972	-	0.006995
Ankrd17	MmuINT0015493	chr5	90717719	90718262	-	0.005836
Ankrd23	MmuINT0015508	chr1	36591283	36592526	-	0.011835
Ankrd23	MmuINT0015509	chr1	36590961	36591135	-	0.001312
Ankrd23	MmuINT0015510	chr1	36589552	36590831	-	0.005108
Ankrd23	MmuINT0015511	chr1	36589246	36589425	-	0.004082
Ankrd23	MmuINT0015512	chr1	36589056	36589146	-	0.014043
Ankrd23	MmuINT0015513	chr1	36588853	36588956	-	0.038928
Ankrd23	MmuINT0015514	chr1	36588667	36588753	-	0.018911
Ankrd23	MmuINT0015515	chr1	36588487	36588567	-	0.002051
Ankrd24	MmuINT0015524	chr10	81106639	81109049	+	0.097096
Ankrd24	MmuINT0015525	chr10	81109179	81109537	+	0.012849
Ankrd24	MmuINT0015526	chr10	81109604	81109844	+	0.028678
Ankrd26	MmuINT0015548	chr6	1.18E+08	1.18E+08	-	0.061333
Ankrd26	MmuINT0015551	chr6	1.18E+08	1.18E+08	-	0.055364
Ankrd26	MmuINT0015558	chr6	1.18E+08	1.18E+08	-	0.057415
Ankrd27	MmuINT0015568	chr7	36371389	36376770	+	0.037718
Ankrd27	MmuINT0015569	chr7	36390924	36392119	+	0.043269
Ankrd27	MmuINT0015570	chr7	36392199	36393339	+	0.04653
Ankrd27	MmuINT0015571	chr7	36397575	36399473	+	0.072567
Ankrd27	MmuINT0015572	chr7	36399602	36400046	+	0.059421
Ankrd27	MmuINT0015573	chr7	36400130	36400866	+	0.045864
Ankrd27	MmuINT0015574	chr7	36400983	36401865	+	0.026188
Ankrd27	MmuINT0015575	chr7	36401959	36404333	+	0.031648
Ankrd27	MmuINT0015576	chr7	36404532	36405376	+	0.049662
Ankrd27	MmuINT0015577	chr7	36405437	36405561	+	0.031797
Ankrd27	MmuINT0015578	chr7	36376902	36385333	+	0.030549
Ankrd27	MmuINT0015579	chr7	36405682	36407323	+	0.050177
Ankrd27	MmuINT0015580	chr7	36407369	36410665	+	0.04775
Ankrd27	MmuINT0015581	chr7	36410786	36412422	+	0.022928
Ankrd27	MmuINT0015582	chr7	36412621	36413445	+	0.029056
Ankrd27	MmuINT0015583	chr7	36413566	36416161	+	0.057272
Ankrd27	MmuINT0015584	chr7	36416324	36417955	+	0.037076
Ankrd27	MmuINT0015585	chr7	36418068	36421249	+	0.033245
Ankrd27	MmuINT0015586	chr7	36421329	36421548	+	0.035102
Ankrd27	MmuINT0015587	chr7	36421622	36423032	+	0.044008
Ankrd27	MmuINT0015588	chr7	36385445	36386508	+	0.077484
Ankrd27	MmuINT0015589	chr7	36386666	36387446	+	0.040746
Ankrd27	MmuINT0015590	chr7	36387602	36388573	+	0.040794
Ankrd27	MmuINT0015592	chr7	36388772	36388854	+	0.049169
Ankrd27	MmuINT0015593	chr7	36388921	36389231	+	0.049441
Ankrd27	MmuINT0015594	chr7	36389309	36390801	+	0.054312
Ankrd28	MmuINT0015596	chr14	32546953	32548157	-	0.026698

Ankrd28	MmuINT0015597	chr14	32545279	32546869	-	0.021058
Ankrd28	MmuINT0015598	chr14	32543140	32545214	-	0.027324
Ankrd28	MmuINT0015599	chr14	32540962	32543070	-	0.021551
Ankrd28	MmuINT0015600	chr14	32535144	32540820	-	0.013278
Ankrd28	MmuINT0015601	chr14	32533319	32535031	-	0.010395
Ankrd28	MmuINT0015602	chr14	32532602	32533291	-	0.016139
Ankrd28	MmuINT0015603	chr14	32528622	32532526	-	0.021166
Ankrd28	MmuINT0015604	chr14	32525203	32528419	-	0.038234
Ankrd28	MmuINT0015605	chr14	32524363	32525114	-	0.012732
Ankrd28	MmuINT0015606	chr14	32577519	32592107	-	0.023432
Ankrd28	MmuINT0015607	chr14	32524158	32524244	-	0.012124
Ankrd28	MmuINT0015608	chr14	32522192	32523937	-	0.028493
Ankrd28	MmuINT0015609	chr14	32522020	32522103	-	0.024998
Ankrd28	MmuINT0015610	chr14	32521335	32521935	-	0.017133
Ankrd28	MmuINT0015611	chr14	32520473	32521188	-	0.043484
Ankrd28	MmuINT0015612	chr14	32520059	32520389	-	0.02929
Ankrd28	MmuINT0015613	chr14	32518543	32519975	-	0.018985
Ankrd28	MmuINT0015614	chr14	32515493	32518450	-	0.023183
Ankrd28	MmuINT0015615	chr14	32568990	32577439	-	0.031504
Ankrd28	MmuINT0015616	chr14	32562030	32568918	-	0.016945
Ankrd28	MmuINT0015617	chr14	32560187	32561828	-	0.015108
Ankrd28	MmuINT0015618	chr14	32558550	32560098	-	0.022218
Ankrd28	MmuINT0015619	chr14	32556622	32558406	-	0.015951
Ankrd28	MmuINT0015620	chr14	32550025	32556408	-	0.01916
Ankrd28	MmuINT0015621	chr14	32548273	32549945	-	0.023834
Ankrd32	MmuINT0015634	chr13	77223722	77229565	-	0.011224
Ankrd32	MmuINT0015635	chr13	77222868	77223592	-	0.011716
Ankrd32	MmuINT0015636	chr13	77206009	77222701	-	0.01073
Ankrd32	MmuINT0015637	chr13	77190556	77205860	-	0.015304
Ankrd32	MmuINT0015638	chr13	77189303	77190409	-	0.013016
Ankrd32	MmuINT0015639	chr13	77188479	77189138	-	0.012261
Ankrd32	MmuINT0015640	chr13	77186464	77188347	-	0.041973
Ankrd32	MmuINT0015641	chr13	77185966	77186370	-	0.009985
Ankrd32	MmuINT0015642	chr13	77265702	77265861	-	0.012059
Ankrd32	MmuINT0015643	chr13	77183292	77185782	-	0.042178
Ankrd32	MmuINT0015648	chr13	77242886	77243794	-	0.019898
Ankrd32	MmuINT0015649	chr13	77240318	77242741	-	0.022501
Ankrd33b	MmuINT0015656	chr15	31234888	31254840	-	0.030695
Ankrd33b	MmuINT0015657	chr15	31227740	31234746	-	0.013402
Ankrd37	MmuINT0015702	chr8	47084758	47084970	-	0.130475
Ankrd37	MmuINT0015703	chr8	47083843	47084604	-	0.185661
Ankrd37	MmuINT0015704	chr8	47083175	47083750	-	0.242569
Ankrd37	MmuINT0015705	chr8	47082480	47082967	-	0.149087
Ankrd39	MmuINT0015706	chr1	36599711	36603930	-	0.249336
Ankrd39	MmuINT0015707	chr1	36598908	36599606	-	0.044944
Ankrd39	MmuINT0015708	chr1	36596380	36598703	-	0.058368
Ankrd40	MmuINT0015710	chr11	94189702	94195214	+	0.009159
Ankrd40	MmuINT0015711	chr11	94195364	94195741	+	0.000747
Ankrd40	MmuINT0015712	chr11	94196222	94199653	+	0.003203
Ankrd40	MmuINT0015713	chr11	94199836	94200553	+	0.052407

Ankrd44	MmuINT0015744	chr1	54705180	54708512	-	0.381234
Ankrd46	MmuINT0015759	chr15	36415883	36425631	-	0.016743
Ankrd46	MmuINT0015760	chr15	36413895	36415549	-	0.031711
Ankrd46	MmuINT0015761	chr15	36409229	36413735	-	0.006504
Ankrd49	MmuINT0015762	chr9	14586056	14587058	-	0.083975
Ankrd50	MmuINT0015773	chr3	38382907	38383592	-	0.053058
Ankrd50	MmuINT0015774	chr3	38362052	38381612	-	0.015436
Ankrd52	MmuINT0015776	chr10	1.28E+08	1.28E+08	+	0.014299
Ankrd52	MmuINT0015777	chr10	1.28E+08	1.28E+08	+	0.00908
Ankrd52	MmuINT0015778	chr10	1.28E+08	1.28E+08	+	0.015072
Ankrd52	MmuINT0015779	chr10	1.28E+08	1.28E+08	+	0.019601
Ankrd52	MmuINT0015780	chr10	1.28E+08	1.28E+08	+	0.022301
Ankrd52	MmuINT0015781	chr10	1.28E+08	1.28E+08	+	0.014848
Ankrd52	MmuINT0015782	chr10	1.28E+08	1.28E+08	+	0.046516
Ankrd52	MmuINT0015783	chr10	1.28E+08	1.28E+08	+	0.047388
Ankrd52	MmuINT0015784	chr10	1.28E+08	1.28E+08	+	0.023344
Ankrd52	MmuINT0015785	chr10	1.28E+08	1.28E+08	+	0.008981
Ankrd52	MmuINT0015786	chr10	1.28E+08	1.28E+08	+	0.010359
Ankrd52	MmuINT0015787	chr10	1.28E+08	1.28E+08	+	0.01314
Ankrd52	MmuINT0015788	chr10	1.28E+08	1.28E+08	+	0.016245
Ankrd52	MmuINT0015789	chr10	1.28E+08	1.28E+08	+	0.040609
Ankrd52	MmuINT0015790	chr10	1.28E+08	1.28E+08	+	0.008637
Ankrd52	MmuINT0015791	chr10	1.28E+08	1.28E+08	+	0.007131
Ankrd52	MmuINT0015792	chr10	1.28E+08	1.28E+08	+	0.012945
Ankrd52	MmuINT0015793	chr10	1.28E+08	1.28E+08	+	0.013778
Ankrd52	MmuINT0015794	chr10	1.28E+08	1.28E+08	+	0.025395
Ankrd52	MmuINT0015795	chr10	1.28E+08	1.28E+08	+	0.024034
Ankrd52	MmuINT0015796	chr10	1.28E+08	1.28E+08	+	0.012607
Ankrd52	MmuINT0015797	chr10	1.28E+08	1.28E+08	+	0.018073
Ankrd52	MmuINT0015798	chr10	1.28E+08	1.28E+08	+	0.011682
Ankrd52	MmuINT0015799	chr10	1.28E+08	1.28E+08	+	0.00883
Ankrd52	MmuINT0015800	chr10	1.28E+08	1.28E+08	+	0.008734
Ankrd52	MmuINT0015801	chr10	1.28E+08	1.28E+08	+	0.011455
Ankrd52	MmuINT0015802	chr10	1.28E+08	1.28E+08	+	0.009017
Ankrd54	MmuINT0015808	chr15	78891642	78892902	-	0.032309
Ankrd54	MmuINT0015809	chr15	78888484	78891593	-	0.086847
Ankrd54	MmuINT0015810	chr15	78886516	78888384	-	0.142057
Ankrd54	MmuINT0015811	chr15	78885973	78886443	-	0.087975
Ankrd54	MmuINT0015812	chr15	78885847	78885924	-	0.202624
Ankrd54	MmuINT0015813	chr15	78885034	78885721	-	0.086235
Ankrd54	MmuINT0015814	chr15	78884515	78884925	-	0.228311
Ankrd9	MmuINT0015852	chr12	1.12E+08	1.12E+08	-	0.17807
Ankrd9	MmuINT0015853	chr12	1.12E+08	1.12E+08	-	0.168239
Anks1	MmuINT0015854	chr17	28046592	28111849	+	0.111477
Anks1	MmuINT0015855	chr17	28128346	28132878	+	0.033055
Anks1	MmuINT0015856	chr17	28133000	28144793	+	0.734435
Anks1	MmuINT0015857	chr17	28145378	28175024	+	0.022689
Anks1	MmuINT0015858	chr17	28175092	28179514	+	0.028352
Anks1	MmuINT0015859	chr17	28179622	28187510	+	0.007831
Anks1	MmuINT0015860	chr17	28187610	28188441	+	0.004025

Anks1	MmuINT0015861	chr17	28188595	28188669	+	0.006729
Anks1	MmuINT0015862	chr17	28188778	28189583	+	0.031281
Anks1	MmuINT0015863	chr17	28189749	28190834	+	0.011734
Anks1	MmuINT0015864	chr17	28190961	28191236	+	0.004988
Anks1	MmuINT0015865	chr17	28111931	28113505	+	0.039605
Anks1	MmuINT0015866	chr17	28191309	28191614	+	0.00395
Anks1	MmuINT0015867	chr17	28191702	28194271	+	0.047648
Anks1	MmuINT0015868	chr17	28194410	28195234	+	0.004185
Anks1	MmuINT0015869	chr17	28195406	28196238	+	0.015319
Anks1	MmuINT0015870	chr17	28196337	28197506	+	0.57236
Anks1	MmuINT0015873	chr17	28122308	28123196	+	0.028842
Anks1	MmuINT0015874	chr17	28123273	28123495	+	0.03992
Anks1	MmuINT0015875	chr17	28123598	28123689	+	0.021659
Anks1	MmuINT0015876	chr17	28123792	28125664	+	0.022055
Anks1	MmuINT0015877	chr17	28125862	28128252	+	0.024697
Anks3	MmuINT0015904	chr16	4960662	4964212	-	0.044329
Anks3	MmuINT0015905	chr16	4946185	4947269	-	0.211605
Anks3	MmuINT0015906	chr16	4943706	4946059	-	0.162697
Anks3	MmuINT0015907	chr16	4943257	4943563	-	0.103551
Anks3	MmuINT0015908	chr16	4942784	4943083	-	0.101463
Anks3	MmuINT0015909	chr16	4942300	4942697	-	0.147493
Anks3	MmuINT0015910	chr16	4941993	4942215	-	0.270181
Anks3	MmuINT0015911	chr16	4941803	4941903	-	0.302541
Anks3	MmuINT0015912	chr16	4958260	4960489	-	0.099821
Anks3	MmuINT0015913	chr16	4957856	4958060	-	0.128036
Anks3	MmuINT0015914	chr16	4956033	4957733	-	0.040019
Anks3	MmuINT0015915	chr16	4954048	4955950	-	0.123318
Anks3	MmuINT0015916	chr16	4950862	4953911	-	0.108965
Anks3	MmuINT0015917	chr16	4948369	4950705	-	0.177066
Anks3	MmuINT0015918	chr16	4947764	4948230	-	0.222255
Anks3	MmuINT0015919	chr16	4947438	4947653	-	0.163218
Ankzf1	MmuINT0015935	chr1	75189253	75190752	+	0.150056
Ankzf1	MmuINT0015936	chr1	75194952	75195051	+	0.091081
Ankzf1	MmuINT0015937	chr1	75195220	75195354	+	0.088567
Ankzf1	MmuINT0015938	chr1	75195441	75195638	+	0.084157
Ankzf1	MmuINT0015939	chr1	75190860	75191415	+	0.077117
Ankzf1	MmuINT0015940	chr1	75191519	75191637	+	0.037499
Ankzf1	MmuINT0015941	chr1	75191832	75192174	+	0.489427
Ankzf1	MmuINT0015942	chr1	75192288	75192375	+	0.432835
Ankzf1	MmuINT0015943	chr1	75192524	75192727	+	0.382812
Ankzf1	MmuINT0015944	chr1	75192957	75193088	+	0.066533
Ankzf1	MmuINT0015945	chr1	75193245	75194218	+	0.152676
Ano1	MmuINT0015981	chr7	1.52E+08	1.52E+08	-	0.050003
Ano1	MmuINT0015984	chr7	1.52E+08	1.52E+08	-	0.039065
Ano10	MmuINT0015993	chr9	1.22E+08	1.22E+08	-	0.032882
Ano10	MmuINT0015994	chr9	1.22E+08	1.22E+08	-	0.014502
Ano10	MmuINT0015995	chr9	1.22E+08	1.22E+08	-	0.013301
Ano10	MmuINT0015996	chr9	1.22E+08	1.22E+08	-	0.076027
Ano10	MmuINT0015997	chr9	1.22E+08	1.22E+08	-	0.015884
Ano10	MmuINT0015998	chr9	1.22E+08	1.22E+08	-	0.021315



Ano10	MmuINT0015999	chr9	1.22E+08	1.22E+08	-	0.01236
Ano10	MmuINT0016000	chr9	1.22E+08	1.22E+08	-	0.02045
Ano10	MmuINT0016001	chr9	1.22E+08	1.22E+08	-	0.030434
Ano10	MmuINT0016002	chr9	1.22E+08	1.22E+08	-	0.026761
Ano10	MmuINT0016003	chr9	1.22E+08	1.22E+08	-	0.016601
Ano10	MmuINT0016004	chr9	1.22E+08	1.22E+08	-	0.017909
Ano6	MmuINT0016100	chr15	95621488	95694655	+	0.112755
Ano6	MmuINT0016101	chr15	95762275	95771640	+	0.023468
Ano6	MmuINT0016102	chr15	95771784	95773828	+	0.060612
Ano6	MmuINT0016103	chr15	95773907	95778702	+	0.029257
Ano6	MmuINT0016104	chr15	95778929	95779921	+	0.015287
Ano6	MmuINT0016105	chr15	95780092	95780289	+	0.021319
Ano6	MmuINT0016106	chr15	95780388	95786321	+	0.05513
Ano6	MmuINT0016107	chr15	95786453	95792506	+	0.090084
Ano6	MmuINT0016108	chr15	95792713	95796251	+	0.029244
Ano6	MmuINT0016109	chr15	95796455	95798053	+	0.089188
Ano6	MmuINT0016110	chr15	95798160	95802925	+	0.01522
Ano6	MmuINT0016111	chr15	95694739	95724843	+	0.030213
Ano6	MmuINT0016113	chr15	95742802	95743802	+	0.032383
Ano6	MmuINT0016114	chr15	95744088	95744302	+	0.026964
Ano6	MmuINT0016115	chr15	95744417	95746383	+	0.028247
Ano6	MmuINT0016116	chr15	95746500	95750674	+	0.034775
Ano6	MmuINT0016117	chr15	95750810	95757954	+	0.030217
Ano6	MmuINT0016118	chr15	95758061	95762213	+	0.034553
Ano8	MmuINT0016142	chr8	74009010	74009652	-	0.077976
Ano8	MmuINT0016143	chr8	74006088	74006182	-	0.033885
Ano8	MmuINT0016144	chr8	74005926	74006031	-	0.016236
Ano8	MmuINT0016145	chr8	74005142	74005850	-	0.110101
Ano8	MmuINT0016146	chr8	74003242	74004334	-	0.006375
Ano8	MmuINT0016147	chr8	74002958	74003049	-	0.015582
Ano8	MmuINT0016148	chr8	74002731	74002825	-	0.095459
Ano8	MmuINT0016150	chr8	74008781	74008898	-	0.382733
Ano8	MmuINT0016151	chr8	74008472	74008647	-	0.029184
Ano8	MmuINT0016152	chr8	74008264	74008332	-	0.086834
Ano8	MmuINT0016153	chr8	74007464	74008166	-	0.144568
Ano8	MmuINT0016154	chr8	74007267	74007346	-	0.017221
Ano8	MmuINT0016155	chr8	74007041	74007138	-	0.012688
Ano8	MmuINT0016156	chr8	74006559	74006878	-	0.157771
Ano8	MmuINT0016157	chr8	74006310	74006405	-	0.022511
Anp32a	MmuINT0016181	chr9	62189362	62219526	+	0.006268
Anp32a	MmuINT0016183	chr9	62219992	62221291	+	0.001039
Anp32a	MmuINT0016184	chr9	62221485	62222460	+	0.001408
Anp32a	MmuINT0016185	chr9	62222559	62225106	+	0.011622
Anp32a	MmuINT0016186	chr9	62225171	62225360	+	0.002236
Anp32b	MmuINT0016190	chr4	46481660	46482754	+	0.000385
Anp32b	MmuINT0016191	chr4	46482880	46484269	+	0.004774
Anp32b	MmuINT0016192	chr4	46484340	46484958	+	0.001128
Anp32e	MmuINT0016193	chr3	95733574	95737831	+	0.002763
Anp32e	MmuINT0016194	chr3	95737982	95738698	+	0.002096
Anp32e	MmuINT0016195	chr3	95738822	95740946	+	0.002532

Anp32e	MmuINT0016196	chr3	95741119	95741804	+	0.001529
Anp32e	MmuINT0016197	chr3	95741963	95748229	+	0.007879
Anp32e	MmuINT0016198	chr3	95748285	95749102	+	0.006343
Anpep	MmuINT0016200	chr7	86980929	86981116	-	0.081797
Anpep	MmuINT0016201	chr7	86980307	86980854	-	0.117203
Anpep	MmuINT0016202	chr7	86980072	86980172	-	0.048157
Anpep	MmuINT0016203	chr7	86978621	86980015	-	0.072247
Anpep	MmuINT0016204	chr7	86972550	86978472	-	0.055136
Anpep	MmuINT0016206	chr7	86971646	86971756	-	0.057778
Anpep	MmuINT0016207	chr7	86970733	86971477	-	0.040248
Anpep	MmuINT0016208	chr7	86970271	86970591	-	0.057742
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Anpep	MmuINT0016214	chr7	86983677	86983773	-	0.050177
Antxr2	MmuINT0016235	chr5	98458675	98459416	-	0.003606
Antxr2	MmuINT0016236	chr5	98394780	98404339	-	0.002545
Antxr2	MmuINT0016237	chr5	98389725	98394700	-	0.002988
Antxr2	MmuINT0016238	chr5	98378231	98389628	-	0.004343
Antxr2	MmuINT0016239	chr5	98377360	98378188	-	0.002677
Antxr2	MmuINT0016240	chr5	98367587	98377263	-	0.001803
Antxr2	MmuINT0016241	chr5	98367187	98367421	-	0.001868
Antxr2	MmuINT0016242	chr5	98315620	98367105	-	0.001605
Antxr2	MmuINT0016243	chr5	98456562	98458602	-	0.004278
Antxr2	MmuINT0016244	chr5	98433960	98456489	-	0.003253
Antxr2	MmuINT0016245	chr5	98433392	98433877	-	0.001963
Antxr2	MmuINT0016246	chr5	98433144	98433283	-	0.003586
Antxr2	MmuINT0016247	chr5	98432327	98433074	-	0.00343
Antxr2	MmuINT0016248	chr5	98409054	98432245	-	0.00589
Antxr2	MmuINT0016249	chr5	98406719	98408992	-	0.00313
Antxr2	MmuINT0016250	chr5	98404410	98406619	-	0.003181
Anxa1	MmuINT0016279	chr19	20459263	20465101	-	0.029269
Anxa1	MmuINT0016280	chr19	20451201	20452096	-	0.034668
Anxa1	MmuINT0016281	chr19	20449838	20451141	-	0.070029
Anxa1	MmuINT0016282	chr19	20448261	20449714	-	0.012668
Anxa1	MmuINT0016283	chr19	20459074	20459182	-	0.015013
Anxa1	MmuINT0016284	chr19	20458342	20458964	-	0.014708
Anxa1	MmuINT0016285	chr19	20457466	20458246	-	0.021218
Anxa1	MmuINT0016286	chr19	20456631	20457351	-	0.013706
Anxa1	MmuINT0016287	chr19	20454910	20456539	-	0.020234
Anxa1	MmuINT0016288	chr19	20454196	20454829	-	0.017364
Anxa1	MmuINT0016289	chr19	20452980	20454138	-	0.026314
Anxa1	MmuINT0016290	chr19	20452193	20452885	-	0.017
Anxa11	MmuINT0016299	chr14	26661782	26688349	+	0.015877
Anxa11	MmuINT0016305	chr14	26688413	26689554	+	0.003688
Anxa11	MmuINT0016306	chr14	26689668	26691997	+	0.00527
Anxa11	MmuINT0016307	chr14	26692385	26693429	+	0.013563
Anxa11	MmuINT0016308	chr14	26693518	26693695	+	0.007378
Anxa11	MmuINT0016309	chr14	26693791	26694156	+	0.042347
Anxa13	MmuINT0016319	chr15	58176593	58179830	-	0.04712
Anxa13	MmuINT0016320	chr15	58173549	58176479	-	0.071305
Anxa2	MmuINT0016321	chr9	69301547	69312266	+	0.014908

Anxa2	MmuINT0016322	chr9	69335456	69335861	+	0.019871
Anxa2	MmuINT0016323	chr9	69335921	69337458	+	0.011595
Anxa2	MmuINT0016324	chr9	69337582	69339252	+	0.017026
Anxa2	MmuINT0016325	chr9	69312332	69315097	+	0.004026
Anxa2	MmuINT0016326	chr9	69315198	69323859	+	0.004474
Anxa2	MmuINT0016327	chr9	69323955	69327484	+	0.009896
Anxa2	MmuINT0016328	chr9	69327599	69330780	+	0.004692
Anxa2	MmuINT0016329	chr9	69330872	69331586	+	0.008441
Anxa2	MmuINT0016330	chr9	69331667	69333004	+	0.007017
Anxa2	MmuINT0016331	chr9	69333065	69334276	+	0.005062
Anxa2	MmuINT0016332	chr9	69334371	69335359	+	0.030125
Anxa3	MmuINT0016333	chr5	97222583	97226419	+	0.015232
Anxa3	MmuINT0016334	chr5	97259508	97263793	+	0.011527
Anxa3	MmuINT0016335	chr5	97263853	97267311	+	0.024466
Anxa3	MmuINT0016336	chr5	97267435	97274519	+	0.03593
Anxa3	MmuINT0016337	chr5	97226473	97240068	+	0.011655
Anxa3	MmuINT0016338	chr5	97240157	97241860	+	0.006968
Anxa3	MmuINT0016339	chr5	97241956	97245359	+	0.008936
Anxa3	MmuINT0016340	chr5	97245474	97249420	+	0.007695
Anxa3	MmuINT0016341	chr5	97249512	97253905	+	0.015677
Anxa3	MmuINT0016342	chr5	97253986	97257366	+	0.197519
Anxa3	MmuINT0016343	chr5	97257424	97257715	+	0.014548
Anxa3	MmuINT0016344	chr5	97257810	97259411	+	0.123223
Anxa4	MmuINT0016345	chr6	86715802	86743502	-	0.035883
Anxa4	MmuINT0016346	chr6	86693171	86694618	-	0.014433
Anxa4	MmuINT0016347	chr6	86691953	86693111	-	0.014932
Anxa4	MmuINT0016348	chr6	86687818	86691829	-	0.031242
Anxa4	MmuINT0016349	chr6	86710756	86715755	-	0.014341
Anxa4	MmuINT0016350	chr6	86707908	86710667	-	0.00732
Anxa4	MmuINT0016351	chr6	86704961	86707812	-	0.010235
Anxa4	MmuINT0016352	chr6	86703888	86704846	-	0.007764
Anxa4	MmuINT0016353	chr6	86702227	86703796	-	0.015522
Anxa4	MmuINT0016354	chr6	86701114	86702146	-	0.017271
Anxa4	MmuINT0016355	chr6	86698975	86701056	-	0.015205
Anxa4	MmuINT0016356	chr6	86694715	86698880	-	0.024534
Anxa5	MmuINT0016357	chr3	36374383	36374494	-	0.00239
Anxa5	MmuINT0016358	chr3	36349619	36351108	-	0.004441
Anxa5	MmuINT0016359	chr3	36349357	36349559	-	0.001945
Anxa5	MmuINT0016360	chr3	36348329	36349233	-	0.004989
Anxa5	MmuINT0016361	chr3	36364258	36374351	-	0.003037
Anxa5	MmuINT0016362	chr3	36362985	36364172	-	0.002415
Anxa5	MmuINT0016363	chr3	36360917	36362889	-	0.005342
Anxa5	MmuINT0016364	chr3	36359456	36360802	-	0.001945
Anxa5	MmuINT0016365	chr3	36356461	36359364	-	0.074202
Anxa5	MmuINT0016366	chr3	36355972	36356380	-	0.009206
Anxa5	MmuINT0016367	chr3	36352487	36355914	-	0.019049
Anxa5	MmuINT0016368	chr3	36351205	36352392	-	0.002098
Anxa6	MmuINT0016371	chr11	54817540	54818168	-	0.001933
Anxa6	MmuINT0016372	chr11	54814836	54817480	-	0.001947
Anxa6	MmuINT0016373	chr11	54813356	54814712	-	0.00141

Anxa6	MmuINT0016374	chr11	54812116	54813296	-	0.004597
Anxa6	MmuINT0016375	chr11	54809897	54812036	-	0.001043
Anxa6	MmuINT0016376	chr11	54808482	54809814	-	0.003488
Anxa6	MmuINT0016377	chr11	54808083	54808386	-	0.001696
Anxa6	MmuINT0016378	chr11	54807877	54807968	-	0.001298
Anxa6	MmuINT0016379	chr11	54805869	54807785	-	0.001467
Anxa6	MmuINT0016380	chr11	54804947	54805788	-	0.001438
Anxa6	MmuINT0016381	chr11	54827418	54835038	-	0.001577
Anxa6	MmuINT0016382	chr11	54800571	54804892	-	0.010181
Anxa6	MmuINT0016383	chr11	54799718	54800552	-	0.019354
Anxa6	MmuINT0016384	chr11	54798674	54799623	-	0.001937
Anxa6	MmuINT0016385	chr11	54796859	54798577	-	0.00117
Anxa6	MmuINT0016386	chr11	54795241	54796799	-	0.002815
Anxa6	MmuINT0016387	chr11	54793024	54795117	-	0.00157
Anxa6	MmuINT0016388	chr11	54825300	54827326	-	0.001276
Anxa6	MmuINT0016389	chr11	54824608	54825204	-	0.001232
Anxa6	MmuINT0016390	chr11	54822703	54824493	-	0.001346
Anxa6	MmuINT0016391	chr11	54821440	54822611	-	0.001301
Anxa6	MmuINT0016392	chr11	54819344	54821359	-	0.001221
Anxa6	MmuINT0016393	chr11	54818709	54819286	-	0.002012
Anxa6	MmuINT0016394	chr11	54818265	54818614	-	0.001486
Anxa7	MmuINT0016395	chr14	21279457	21279534	-	0.005094
Anxa7	MmuINT0016396	chr14	21277905	21279380	-	0.039881
Anxa7	MmuINT0016397	chr14	21275824	21277791	-	0.006101
Anxa7	MmuINT0016398	chr14	21290795	21292496	-	0.007131
Anxa7	MmuINT0016399	chr14	21288712	21290589	-	0.00421
Anxa7	MmuINT0016400	chr14	21287158	21288609	-	0.004932
Anxa7	MmuINT0016401	chr14	21284169	21287092	-	0.188942
Anxa7	MmuINT0016402	chr14	21283926	21284065	-	0.007557
Anxa7	MmuINT0016403	chr14	21282243	21283830	-	0.00271
Anxa7	MmuINT0016404	chr14	21281948	21282128	-	0.003515
Anxa7	MmuINT0016405	chr14	21279706	21281776	-	0.00484
Aoc2	MmuINT0016451	chr11	1.01E+08	1.01E+08	+	0.726041
Aoc2	MmuINT0016452	chr11	1.01E+08	1.01E+08	+	0.210138
Aoc2	MmuINT0016453	chr11	1.01E+08	1.01E+08	+	0.292343
Aoc3	MmuINT0016454	chr11	1.01E+08	1.01E+08	+	0.091416
Aoc3	MmuINT0016455	chr11	1.01E+08	1.01E+08	+	0.082185
Aoc3	MmuINT0016456	chr11	1.01E+08	1.01E+08	+	0.043067
Aox1	MmuINT0016457	chr1	58086903	58098279	+	0.050974
Aox1	MmuINT0016459	chr1	58116031	58116222	+	0.157143
Aox1	MmuINT0016460	chr1	58116317	58118039	+	0.158221
Aox1	MmuINT0016461	chr1	58118150	58118975	+	0.152176
Aox1	MmuINT0016462	chr1	58119161	58120215	+	0.011833
Aox1	MmuINT0016463	chr1	58120379	58122117	+	0.017108
Aox1	MmuINT0016464	chr1	58122211	58125113	+	0.012369
Aox1	MmuINT0016465	chr1	58125284	58125575	+	0.013594
Aox1	MmuINT0016466	chr1	58125691	58126884	+	0.009957
Aox1	MmuINT0016467	chr1	58127008	58130021	+	0.033136
Aox1	MmuINT0016468	chr1	58098338	58100385	+	0.038129
Aox1	MmuINT0016469	chr1	58130119	58132907	+	0.035836

Aox1	MmuINT0016470	chr1	58133033	58134286	+	0.065913
Aox1	MmuINT0016471	chr1	58134421	58135269	+	0.069375
Aox1	MmuINT0016472	chr1	58135358	58138346	+	0.236931
Aox1	MmuINT0016473	chr1	58138434	58138855	+	0.114813
Aox1	MmuINT0016474	chr1	58139048	58142277	+	0.113067
Aox1	MmuINT0016475	chr1	58142506	58149337	+	0.015459
Aox1	MmuINT0016476	chr1	58149434	58151264	+	0.020241
Aox1	MmuINT0016477	chr1	58151394	58151998	+	0.036725
Aox1	MmuINT0016478	chr1	58152074	58153803	+	0.02474
Aox1	MmuINT0016479	chr1	58100483	58103978	+	0.016566
Aox1	MmuINT0016480	chr1	58153857	58154709	+	0.025496
Aox1	MmuINT0016481	chr1	58154825	58159428	+	0.052022
Aox1	MmuINT0016482	chr1	58159495	58161162	+	0.017961
Aox1	MmuINT0016483	chr1	58161352	58161808	+	0.008612
Aox1	MmuINT0016484	chr1	58161977	58162871	+	0.020154
Aox1	MmuINT0016486	chr1	58106334	58110507	+	0.056473
Aox1	MmuINT0016487	chr1	58110570	58111491	+	0.015941
Aox1	MmuINT0016488	chr1	58111582	58113057	+	0.016784
Aox1	MmuINT0016489	chr1	58113139	58114257	+	0.020872
Aox1	MmuINT0016490	chr1	58114403	58114975	+	0.025337
Ap1ar	MmuINT0016594	chr3	1.28E+08	1.28E+08	-	0.012147
Ap1ar	MmuINT0016595	chr3	1.28E+08	1.28E+08	-	0.016598
Ap1ar	MmuINT0016596	chr3	1.28E+08	1.28E+08	-	0.047971
Ap1ar	MmuINT0016598	chr3	1.28E+08	1.28E+08	-	0.03862
Ap1ar	MmuINT0016599	chr3	1.28E+08	1.28E+08	-	0.084161
Ap1ar	MmuINT0016600	chr3	1.28E+08	1.28E+08	-	0.010198
Ap1ar	MmuINT0016601	chr3	1.28E+08	1.28E+08	-	0.010123
Ap1ar	MmuINT0016602	chr3	1.28E+08	1.28E+08	-	0.005775
Ap1b1	MmuINT0016603	chr11	4887055	4909532	+	0.007885
Ap1b1	MmuINT0016604	chr11	4925713	4926247	+	0.005019
Ap1b1	MmuINT0016605	chr11	4926414	4930964	+	0.00434
Ap1b1	MmuINT0016606	chr11	4931064	4931632	+	0.004208
Ap1b1	MmuINT0016607	chr11	4931893	4932420	+	0.005224
Ap1b1	MmuINT0016608	chr11	4932623	4933689	+	0.054022
Ap1b1	MmuINT0016609	chr11	4933846	4937634	+	0.032344
Ap1b1	MmuINT0016610	chr11	4937781	4939127	+	0.018304
Ap1b1	MmuINT0016611	chr11	4939258	4939521	+	0.008545
Ap1b1	MmuINT0016612	chr11	4939607	4940096	+	0.006191
Ap1b1	MmuINT0016613	chr11	4940184	4940269	+	0.00735
Ap1b1	MmuINT0016614	chr11	4909596	4912884	+	0.014011
Ap1b1	MmuINT0016615	chr11	4940425	4941720	+	0.044294
Ap1b1	MmuINT0016616	chr11	4912991	4915608	+	0.003813
Ap1b1	MmuINT0016617	chr11	4915745	4916608	+	0.009182
Ap1b1	MmuINT0016618	chr11	4916855	4918018	+	0.002795
Ap1b1	MmuINT0016619	chr11	4918210	4919283	+	0.00383
Ap1b1	MmuINT0016620	chr11	4919506	4923099	+	0.009237
Ap1b1	MmuINT0016621	chr11	4923221	4924374	+	0.005278
Ap1b1	MmuINT0016622	chr11	4924471	4925596	+	0.004387
Ap1g1	MmuINT0016623	chr8	1.12E+08	1.12E+08	+	0.013795
Ap1g1	MmuINT0016624	chr8	1.12E+08	1.12E+08	+	0.021607

Ap1g1	MmuINT0016625	chr8	1.12E+08	1.12E+08	+	0.015313
Ap1g1	MmuINT0016626	chr8	1.12E+08	1.12E+08	+	0.040886
Ap1g1	MmuINT0016627	chr8	1.12E+08	1.12E+08	+	0.008298
Ap1g1	MmuINT0016628	chr8	1.12E+08	1.12E+08	+	0.01647
Ap1g1	MmuINT0016629	chr8	1.12E+08	1.12E+08	+	0.008338
Ap1g1	MmuINT0016630	chr8	1.12E+08	1.12E+08	+	0.025985
Ap1g1	MmuINT0016631	chr8	1.12E+08	1.12E+08	+	0.01317
Ap1g1	MmuINT0016632	chr8	1.12E+08	1.12E+08	+	0.012184
Ap1g1	MmuINT0016633	chr8	1.12E+08	1.12E+08	+	0.023193
Ap1g1	MmuINT0016634	chr8	1.12E+08	1.12E+08	+	0.013709
Ap1g1	MmuINT0016635	chr8	1.12E+08	1.12E+08	+	0.007615
Ap1g1	MmuINT0016636	chr8	1.12E+08	1.12E+08	+	0.009041
Ap1g1	MmuINT0016637	chr8	1.12E+08	1.12E+08	+	0.029845
Ap1g1	MmuINT0016638	chr8	1.12E+08	1.12E+08	+	0.009509
Ap1g1	MmuINT0016639	chr8	1.12E+08	1.12E+08	+	0.009707
Ap1g1	MmuINT0016640	chr8	1.12E+08	1.12E+08	+	0.013405
Ap1g1	MmuINT0016641	chr8	1.12E+08	1.12E+08	+	0.014697
Ap1g1	MmuINT0016644	chr8	1.12E+08	1.12E+08	+	0.01094
Ap1g1	MmuINT0016645	chr8	1.12E+08	1.12E+08	+	0.010243
Ap1g2	MmuINT0016646	chr14	55724967	55725344	-	0.109498
Ap1g2	MmuINT0016647	chr14	55721888	55722039	-	0.075973
Ap1g2	MmuINT0016648	chr14	55721620	55721773	-	0.082473
Ap1g2	MmuINT0016649	chr14	55721400	55721478	-	0.086895
Ap1g2	MmuINT0016650	chr14	55721271	55721344	-	0.140985
Ap1g2	MmuINT0016651	chr14	55720525	55721147	-	0.067701
Ap1g2	MmuINT0016652	chr14	55720360	55720434	-	0.095748
Ap1g2	MmuINT0016653	chr14	55720013	55720231	-	0.363708
Ap1g2	MmuINT0016654	chr14	55719615	55719907	-	0.060847
Ap1g2	MmuINT0016655	chr14	55719407	55719487	-	0.045396
Ap1g2	MmuINT0016656	chr14	55718703	55719255	-	0.070226
Ap1g2	MmuINT0016657	chr14	55724268	55724761	-	0.14631
Ap1g2	MmuINT0016658	chr14	55718176	55718538	-	0.096544
Ap1g2	MmuINT0016659	chr14	55717999	55718076	-	0.065783
Ap1g2	MmuINT0016660	chr14	55724007	55724142	-	0.179994
Ap1g2	MmuINT0016661	chr14	55723765	55723864	-	0.116655
Ap1g2	MmuINT0016663	chr14	55723296	55723418	-	0.142274
Ap1g2	MmuINT0016664	chr14	55722730	55723199	-	0.074287
Ap1g2	MmuINT0016665	chr14	55722345	55722648	-	0.076361
Ap1g2	MmuINT0016666	chr14	55722096	55722245	-	0.189777
Ap1m1	MmuINT0016667	chr8	74764143	74770537	+	0.009072
Ap1m1	MmuINT0016668	chr8	74779722	74780005	+	0.114657
Ap1m1	MmuINT0016669	chr8	74780082	74780633	+	0.087526
Ap1m1	MmuINT0016670	chr8	74770695	74773011	+	0.022954
Ap1m1	MmuINT0016671	chr8	74773080	74773647	+	0.017294
Ap1m1	MmuINT0016672	chr8	74773779	74774579	+	0.006612
Ap1m1	MmuINT0016673	chr8	74774728	74775641	+	0.011271
Ap1m1	MmuINT0016674	chr8	74775769	74776733	+	0.070253
Ap1m1	MmuINT0016675	chr8	74776877	74777107	+	0.062355
Ap1m1	MmuINT0016676	chr8	74777180	74777373	+	0.111225
Ap1m1	MmuINT0016677	chr8	74777533	74779595	+	0.0654

Ap1s1	MmuINT0016687	chr5	1.38E+08	1.38E+08	-	0.007167
Ap1s1	MmuINT0016688	chr5	1.38E+08	1.38E+08	-	0.002788
Ap1s1	MmuINT0016689	chr5	1.38E+08	1.38E+08	-	0.025127
Ap1s1	MmuINT0016690	chr5	1.38E+08	1.38E+08	-	0.031472
Ap1s2	MmuINT0016691	chrX	1.6E+08	1.6E+08	+	0.006341
Ap1s2	MmuINT0016692	chrX	1.6E+08	1.6E+08	+	0.008495
Ap1s2	MmuINT0016693	chrX	1.6E+08	1.6E+08	+	0.007158
Ap1s2	MmuINT0016694	chrX	1.6E+08	1.6E+08	+	0.140828
Ap2a1	MmuINT0016700	chr7	52171841	52184649	-	0.005095
Ap2a1	MmuINT0016701	chr7	52161238	52161440	-	0.006921
Ap2a1	MmuINT0016702	chr7	52160121	52161054	-	0.005619
Ap2a1	MmuINT0016703	chr7	52159839	52160022	-	0.012905
Ap2a1	MmuINT0016704	chr7	52159527	52159606	-	0.00753
Ap2a1	MmuINT0016705	chr7	52159272	52159358	-	0.022065
Ap2a1	MmuINT0016706	chr7	52158898	52159110	-	0.063774
Ap2a1	MmuINT0016707	chr7	52158571	52158831	-	0.072785
Ap2a1	MmuINT0016708	chr7	52158427	52158513	-	0.018479
Ap2a1	MmuINT0016709	chr7	52158209	52158343	-	0.031631
Ap2a1	MmuINT0016710	chr7	52157085	52158118	-	0.048029
Ap2a1	MmuINT0016711	chr7	52171676	52171771	-	0.004718
Ap2a1	MmuINT0016712	chr7	52156871	52156960	-	0.018159
Ap2a1	MmuINT0016713	chr7	52156677	52156753	-	0.007076
Ap2a1	MmuINT0016714	chr7	52156492	52156606	-	0.017854
Ap2a1	MmuINT0016715	chr7	52156186	52156356	-	0.009927
Ap2a1	MmuINT0016716	chr7	52171405	52171532	-	0.003727
Ap2a1	MmuINT0016717	chr7	52165199	52171210	-	0.0109
Ap2a1	MmuINT0016718	chr7	52164692	52165068	-	0.015865
Ap2a1	MmuINT0016719	chr7	52163203	52164589	-	0.019056
Ap2a1	MmuINT0016720	chr7	52162355	52163093	-	0.004509
Ap2a1	MmuINT0016721	chr7	52161850	52162203	-	0.006518
Ap2a1	MmuINT0016722	chr7	52161579	52161680	-	0.004739
Ap2a2	MmuINT0016723	chr7	1.49E+08	1.49E+08	+	0.00882
Ap2a2	MmuINT0016724	chr7	1.49E+08	1.49E+08	+	0.004516
Ap2a2	MmuINT0016725	chr7	1.49E+08	1.49E+08	+	0.00612
Ap2a2	MmuINT0016726	chr7	1.49E+08	1.49E+08	+	0.011009
Ap2a2	MmuINT0016728	chr7	1.49E+08	1.49E+08	+	0.040952
Ap2a2	MmuINT0016729	chr7	1.49E+08	1.49E+08	+	0.005621
Ap2a2	MmuINT0016730	chr7	1.49E+08	1.49E+08	+	0.005537
Ap2a2	MmuINT0016731	chr7	1.49E+08	1.49E+08	+	0.004846
Ap2a2	MmuINT0016732	chr7	1.49E+08	1.49E+08	+	0.007736
Ap2a2	MmuINT0016733	chr7	1.49E+08	1.49E+08	+	0.005131
Ap2a2	MmuINT0016734	chr7	1.49E+08	1.49E+08	+	0.00747
Ap2a2	MmuINT0016735	chr7	1.49E+08	1.49E+08	+	0.005407
Ap2a2	MmuINT0016736	chr7	1.49E+08	1.49E+08	+	0.00509
Ap2a2	MmuINT0016737	chr7	1.49E+08	1.49E+08	+	0.00841
Ap2a2	MmuINT0016738	chr7	1.49E+08	1.49E+08	+	0.005839
Ap2a2	MmuINT0016739	chr7	1.49E+08	1.49E+08	+	0.008027
Ap2a2	MmuINT0016740	chr7	1.49E+08	1.49E+08	+	0.012506
Ap2a2	MmuINT0016741	chr7	1.49E+08	1.49E+08	+	0.040395
Ap2a2	MmuINT0016742	chr7	1.49E+08	1.49E+08	+	0.007235

Ap2a2	MmuINT0016743	chr7	1.49E+08	1.49E+08	+	0.01755
Ap2b1	MmuINT0016746	chr11	83116340	83121716	+	0.02526
Ap2b1	MmuINT0016747	chr11	83152931	83154775	+	0.008993
Ap2b1	MmuINT0016748	chr11	83154942	83156101	+	0.007604
Ap2b1	MmuINT0016749	chr11	83156201	83160149	+	0.014795
Ap2b1	MmuINT0016750	chr11	83160410	83164480	+	0.007079
Ap2b1	MmuINT0016751	chr11	83164674	83179148	+	0.075556
Ap2b1	MmuINT0016752	chr11	83179296	83181384	+	0.045094
Ap2b1	MmuINT0016753	chr11	83181531	83183154	+	0.061967
Ap2b1	MmuINT0016754	chr11	83183285	83203204	+	0.016818
Ap2b1	MmuINT0016755	chr11	83203290	83204196	+	0.031458
Ap2b1	MmuINT0016756	chr11	83204284	83211256	+	0.011794
Ap2b1	MmuINT0016757	chr11	83121777	83129921	+	0.011697
Ap2b1	MmuINT0016758	chr11	83211412	83216071	+	0.005329
Ap2b1	MmuINT0016759	chr11	83130028	83135440	+	0.011096
Ap2b1	MmuINT0016760	chr11	83135577	83138012	+	0.001099
Ap2b1	MmuINT0016761	chr11	83138259	83146487	+	0.010988
Ap2b1	MmuINT0016762	chr11	83146679	83148882	+	0.009579
Ap2b1	MmuINT0016763	chr11	83149105	83149843	+	0.004583
Ap2b1	MmuINT0016765	chr11	83150364	83152814	+	0.012405
Ap2m1	MmuINT0016770	chr16	20540493	20541045	+	0.984597
Ap2s1	MmuINT0016776	chr7	17323888	17328567	+	0.00438
Ap2s1	MmuINT0016777	chr7	17328718	17332609	+	0.02097
Ap2s1	MmuINT0016778	chr7	17332724	17334037	+	0.0084
Ap2s1	MmuINT0016779	chr7	17334098	17334260	+	0.003225
Ap3b1	MmuINT0016780	chr13	95129187	95160746	+	0.015029
Ap3b1	MmuINT0016781	chr13	95215932	95216020	+	0.021737
Ap3b1	MmuINT0016782	chr13	95216093	95218407	+	0.021994
Ap3b1	MmuINT0016783	chr13	95218471	95220907	+	0.016185
Ap3b1	MmuINT0016784	chr13	95221041	95225350	+	0.014739
Ap3b1	MmuINT0016785	chr13	95225461	95232350	+	0.014696
Ap3b1	MmuINT0016786	chr13	95232528	95241630	+	0.012765
Ap3b1	MmuINT0016787	chr13	95241818	95242753	+	0.013883
Ap3b1	MmuINT0016788	chr13	95242885	95246920	+	0.009325
Ap3b1	MmuINT0016789	chr13	95247084	95249681	+	0.006247
Ap3b1	MmuINT0016790	chr13	95249830	95253167	+	0.010529
Ap3b1	MmuINT0016791	chr13	95160823	95164673	+	0.019421
Ap3b1	MmuINT0016792	chr13	95253316	95263623	+	0.010136
Ap3b1	MmuINT0016793	chr13	95263697	95271872	+	0.015646
Ap3b1	MmuINT0016794	chr13	95271980	95298119	+	0.011052
Ap3b1	MmuINT0016795	chr13	95298352	95301936	+	0.014819
Ap3b1	MmuINT0016796	chr13	95302022	95312733	+	0.013131
Ap3b1	MmuINT0016797	chr13	95312832	95317709	+	0.011304
Ap3b1	MmuINT0016798	chr13	95317849	95335559	+	0.017466
Ap3b1	MmuINT0016799	chr13	95164749	95173292	+	0.016654
Ap3b1	MmuINT0016800	chr13	95173389	95173901	+	0.011176
Ap3b1	MmuINT0016801	chr13	95174063	95178731	+	0.011452
Ap3b1	MmuINT0016802	chr13	95178799	95187915	+	0.009661
Ap3b1	MmuINT0016803	chr13	95188099	95210209	+	0.007464
Ap3b1	MmuINT0016804	chr13	95210369	95213873	+	0.008488



Ap3b1	MmuINT0016805	chr13	95213972	95215876	+	0.023688
Ap3d1	MmuINT0016831	chr10	80195692	80204640	-	0.010258
Ap3d1	MmuINT0016832	chr10	80183914	80184335	-	0.135217
Ap3d1	MmuINT0016833	chr10	80182558	80183864	-	0.166624
Ap3d1	MmuINT0016834	chr10	80182134	80182411	-	0.004776
Ap3d1	MmuINT0016835	chr10	80180676	80181753	-	0.029052
Ap3d1	MmuINT0016836	chr10	80179365	80180443	-	0.033056
Ap3d1	MmuINT0016837	chr10	80178758	80179218	-	0.01649
Ap3d1	MmuINT0016838	chr10	80177925	80178615	-	0.007064
Ap3d1	MmuINT0016839	chr10	80177068	80177852	-	0.00973
Ap3d1	MmuINT0016840	chr10	80176906	80176991	-	0.00506
Ap3d1	MmuINT0016841	chr10	80176376	80176717	-	0.007031
Ap3d1	MmuINT0016842	chr10	80193700	80195595	-	0.008624
Ap3d1	MmuINT0016843	chr10	80175676	80176301	-	0.006903
Ap3d1	MmuINT0016845	chr10	80174953	80175340	-	0.024939
Ap3d1	MmuINT0016846	chr10	80173578	80174856	-	0.098148
Ap3d1	MmuINT0016847	chr10	80173213	80173433	-	0.021002
Ap3d1	MmuINT0016848	chr10	80172702	80173164	-	0.043588
Ap3d1	MmuINT0016849	chr10	80172234	80172511	-	0.009847
Ap3d1	MmuINT0016850	chr10	80172032	80172144	-	0.011482
Ap3d1	MmuINT0016851	chr10	80171614	80171945	-	0.027012
Ap3d1	MmuINT0016852	chr10	80171283	80171491	-	0.014083
Ap3d1	MmuINT0016853	chr10	80192804	80193618	-	0.010235
Ap3d1	MmuINT0016854	chr10	80170729	80171202	-	0.016367
Ap3d1	MmuINT0016855	chr10	80190735	80192722	-	0.008274
Ap3d1	MmuINT0016856	chr10	80189929	80190626	-	0.005715
Ap3d1	MmuINT0016857	chr10	80186576	80189798	-	0.00638
Ap3d1	MmuINT0016858	chr10	80186352	80186435	-	0.006105
Ap3d1	MmuINT0016859	chr10	80185708	80186277	-	0.028758
Ap3d1	MmuINT0016860	chr10	80184386	80185657	-	0.047947
Ap3m1	MmuINT0016868	chr14	21855926	21856334	-	0.00273
Ap3m2	MmuINT0016870	chr8	23910285	23914231	-	0.051812
Ap3m2	MmuINT0016871	chr8	23907692	23910112	-	0.05438
Ap3m2	MmuINT0016874	chr8	23901925	23903189	-	0.139583
Ap3m2	MmuINT0016875	chr8	23901498	23901716	-	0.090763
Ap3m2	MmuINT0016876	chr8	23899926	23901352	-	0.05198
Ap3s2	MmuINT0016882	chr7	87060994	87065394	-	0.005919
Ap3s2	MmuINT0016883	chr7	87060145	87060901	-	0.0057
Ap3s2	MmuINT0016884	chr7	87054793	87060032	-	0.00995
Ap3s2	MmuINT0016885	chr7	87027460	87054720	-	0.007666
Ap3s2	MmuINT0016886	chr7	87025499	87027351	-	0.006738
Ap4b1	MmuINT0016887	chr3	1.04E+08	1.04E+08	+	0.954394
Ap4b1	MmuINT0016888	chr3	1.04E+08	1.04E+08	+	0.01827
Ap4b1	MmuINT0016889	chr3	1.04E+08	1.04E+08	+	0.013363
Ap4b1	MmuINT0016890	chr3	1.04E+08	1.04E+08	+	0.010258
Ap4b1	MmuINT0016892	chr3	1.04E+08	1.04E+08	+	0.013717
Ap4b1	MmuINT0016893	chr3	1.04E+08	1.04E+08	+	0.021033
Ap4b1	MmuINT0016894	chr3	1.04E+08	1.04E+08	+	0.014599
Ap4e1	MmuINT0016897	chr2	1.27E+08	1.27E+08	+	0.06253
Ap4e1	MmuINT0016898	chr2	1.27E+08	1.27E+08	+	0.11062

Ap4e1	MmuINT0016899	chr2	1.27E+08	1.27E+08	+	0.041048
Ap4e1	MmuINT0016900	chr2	1.27E+08	1.27E+08	+	0.036973
Ap4e1	MmuINT0016901	chr2	1.27E+08	1.27E+08	+	0.050609
Ap4e1	MmuINT0016902	chr2	1.27E+08	1.27E+08	+	0.114735
Ap4e1	MmuINT0016903	chr2	1.27E+08	1.27E+08	+	0.041281
Ap4e1	MmuINT0016904	chr2	1.27E+08	1.27E+08	+	0.035416
Ap4e1	MmuINT0016905	chr2	1.27E+08	1.27E+08	+	0.027304
Ap4e1	MmuINT0016906	chr2	1.27E+08	1.27E+08	+	0.045814
Ap4e1	MmuINT0016907	chr2	1.27E+08	1.27E+08	+	0.038245
Ap4e1	MmuINT0016908	chr2	1.27E+08	1.27E+08	+	0.058288
Ap4e1	MmuINT0016909	chr2	1.27E+08	1.27E+08	+	0.041376
Ap4e1	MmuINT0016910	chr2	1.27E+08	1.27E+08	+	0.062366
Ap4e1	MmuINT0016911	chr2	1.27E+08	1.27E+08	+	0.071732
Ap4e1	MmuINT0016912	chr2	1.27E+08	1.27E+08	+	0.054778
Ap4e1	MmuINT0016913	chr2	1.27E+08	1.27E+08	+	0.054497
Ap4e1	MmuINT0016914	chr2	1.27E+08	1.27E+08	+	0.113178
Ap4e1	MmuINT0016915	chr2	1.27E+08	1.27E+08	+	0.061502
Ap4e1	MmuINT0016916	chr2	1.27E+08	1.27E+08	+	0.092399
Ap4m1	MmuINT0016917	chr5	1.39E+08	1.39E+08	+	0.05008
Ap4m1	MmuINT0016918	chr5	1.39E+08	1.39E+08	+	0.158786
Ap4m1	MmuINT0016921	chr5	1.39E+08	1.39E+08	+	0.28873
Ap4m1	MmuINT0016922	chr5	1.39E+08	1.39E+08	+	0.03481
Ap4m1	MmuINT0016924	chr5	1.39E+08	1.39E+08	+	0.109412
Ap4m1	MmuINT0016925	chr5	1.39E+08	1.39E+08	+	0.247269
Ap4m1	MmuINT0016926	chr5	1.39E+08	1.39E+08	+	0.028521
Ap4m1	MmuINT0016927	chr5	1.39E+08	1.39E+08	+	0.165119
Ap4m1	MmuINT0016928	chr5	1.39E+08	1.39E+08	+	0.138951
Ap4m1	MmuINT0016929	chr5	1.39E+08	1.39E+08	+	0.176207
Ap4m1	MmuINT0016930	chr5	1.39E+08	1.39E+08	+	0.224666
Ap4s1	MmuINT0016931	chr12	52792302	52817928	+	0.002711
Ap4s1	MmuINT0016932	chr12	52818138	52821622	+	0.001687
Ap4s1	MmuINT0016933	chr12	52821710	52823966	+	0.002075
Ap4s1	MmuINT0016934	chr12	52824036	52831874	+	0.004562
Ap4s1	MmuINT0016935	chr12	52831887	52839539	+	0.04893
Apaf1	MmuINT0016938	chr10	90517310	90518659	-	0.052496
Apaf1	MmuINT0016942	chr10	90499781	90502529	-	0.047825
Apaf1	MmuINT0016943	chr10	90494456	90499654	-	0.062692
Apaf1	MmuINT0016946	chr10	90481831	90483400	-	0.05349
Apaf1	MmuINT0016949	chr10	90471995	90476804	-	0.068847
Apaf1	MmuINT0016950	chr10	90463875	90471868	-	0.091909
Apaf1	MmuINT0016951	chr10	90462523	90463754	-	0.130217
Apaf1	MmuINT0016952	chr10	90460083	90462396	-	0.054763
Apaf1	MmuINT0016953	chr10	90458540	90459956	-	0.058631
Apaf1	MmuINT0016954	chr10	90454342	90458392	-	0.049409
Apaf1	MmuINT0016956	chr10	90530010	90540278	-	0.063121
Apaf1	MmuINT0016960	chr10	90522486	90522792	-	0.052337
Apba3	MmuINT0016988	chr10	80731065	80731523	+	0.003601
Apba3	MmuINT0016989	chr10	80735705	80735793	+	0.118709
Apba3	MmuINT0016990	chr10	80732207	80732289	+	0.005357
Apba3	MmuINT0016991	chr10	80732330	80733712	+	0.056462

Apba3	MmuINT0016992	chr10	80733859	80733940	+	0.023656
Apba3	MmuINT0016993	chr10	80734028	80734109	+	0.041451
Apba3	MmuINT0016994	chr10	80734272	80734406	+	0.027335
Apba3	MmuINT0016995	chr10	80734578	80734929	+	0.024485
Apba3	MmuINT0016996	chr10	80735143	80735328	+	0.068028
Apba3	MmuINT0016997	chr10	80735449	80735566	+	0.091331
Apbb1	MmuINT0016998	chr7	1.13E+08	1.13E+08	-	0.007231
Apbb1	MmuINT0016999	chr7	1.13E+08	1.13E+08	-	0.001356
Apbb1	MmuINT0017000	chr7	1.13E+08	1.13E+08	-	0.002316
Apbb1	MmuINT0017001	chr7	1.13E+08	1.13E+08	-	0.004198
Apbb1	MmuINT0017002	chr7	1.13E+08	1.13E+08	-	0.002841
Apbb1	MmuINT0017003	chr7	1.13E+08	1.13E+08	-	0.005846
Apbb1	MmuINT0017004	chr7	1.13E+08	1.13E+08	-	0.002733
Apbb1	MmuINT0017007	chr7	1.13E+08	1.13E+08	-	0.011336
Apbb1	MmuINT0017008	chr7	1.13E+08	1.13E+08	-	0.005714
Apbb1	MmuINT0017009	chr7	1.13E+08	1.13E+08	-	0.011619
Apbb1	MmuINT0017010	chr7	1.13E+08	1.13E+08	-	0.095238
Apbb1ip	MmuINT0017011	chr2	22630042	22672472	+	0.049235
Apbb1ip	MmuINT0017013	chr2	22722512	22723154	+	0.119544
Apbb1ip	MmuINT0017015	chr2	22727082	22730319	+	0.067595
Apbb1ip	MmuINT0017020	chr2	22689936	22691437	+	0.060044
Apbb1ip	MmuINT0017021	chr2	22691560	22705056	+	0.05761
Apbb1ip	MmuINT0017022	chr2	22705144	22708586	+	0.054444
Apbb2	MmuINT0017024	chr5	66934857	67009806	-	0.032156
Apbb2	MmuINT0017025	chr5	66754085	66756212	-	0.016531
Apbb2	MmuINT0017027	chr5	66703486	66704553	-	0.008121
Apbb2	MmuINT0017028	chr5	66702323	66703397	-	0.013244
Apbb2	MmuINT0017029	chr5	66700433	66702238	-	0.015611
Apbb2	MmuINT0017030	chr5	66698954	66700316	-	0.021407
Apbb2	MmuINT0017031	chr5	66693949	66698773	-	0.017401
Apbb2	MmuINT0017032	chr5	66883412	66934700	-	0.034892
Apbb2	MmuINT0017033	chr5	66853406	66883296	-	0.038605
Apbb2	MmuINT0017034	chr5	66843523	66853336	-	0.028894
Apbb2	MmuINT0017035	chr5	66791521	66842706	-	0.018345
Apbb2	MmuINT0017036	chr5	66783575	66791314	-	0.016745
Apbb2	MmuINT0017037	chr5	66783097	66783511	-	0.023091
Apbb2	MmuINT0017038	chr5	66782927	66783010	-	0.027235
Apbb2	MmuINT0017039	chr5	66756360	66782865	-	0.024063
Apbb3	MmuINT0017040	chr18	36838368	36838650	-	0.187309
Apbb3	MmuINT0017041	chr18	36834796	36834934	-	0.081309
Apbb3	MmuINT0017042	chr18	36831330	36834603	-	0.13302
Apbb3	MmuINT0017043	chr18	36838125	36838203	-	0.089624
Apbb3	MmuINT0017044	chr18	36837160	36838047	-	0.245536
Apbb3	MmuINT0017045	chr18	36836911	36837098	-	0.237212
Apbb3	MmuINT0017046	chr18	36836647	36836763	-	0.302232
Apbb3	MmuINT0017047	chr18	36836138	36836518	-	0.629121
Apbb3	MmuINT0017048	chr18	36835910	36836016	-	0.039372
Apbb3	MmuINT0017049	chr18	36835401	36835824	-	0.097579
Apbb3	MmuINT0017050	chr18	36835051	36835316	-	0.118108
Apc	MmuINT0017054	chr18	34458456	34459619	+	0.04013

Apc	MmuINT0017055	chr18	34459716	34464236	+	0.058143
Apc	MmuINT0017056	chr18	34464377	34465219	+	0.021431
Apc	MmuINT0017057	chr18	34465298	34465916	+	0.022823
Apc	MmuINT0017058	chr18	34466034	34470346	+	0.019758
Apc	MmuINT0017059	chr18	34470562	34471658	+	0.027004
Apc	MmuINT0017060	chr18	34420812	34427951	+	0.061265
Apc	MmuINT0017061	chr18	34428034	34428709	+	0.086397
Apc	MmuINT0017062	chr18	34428909	34432092	+	0.035484
Apc	MmuINT0017063	chr18	34432202	34436217	+	0.026003
Apc	MmuINT0017064	chr18	34436332	34438922	+	0.028749
Apc	MmuINT0017065	chr18	34439007	34449491	+	0.058989
Apc	MmuINT0017066	chr18	34449597	34455684	+	0.058581
Apc	MmuINT0017067	chr18	34455784	34458076	+	0.043097
Apeh	MmuINT0017086	chr9	1.08E+08	1.08E+08	-	0.036388
Apeh	MmuINT0017087	chr9	1.08E+08	1.08E+08	-	0.025765
Apeh	MmuINT0017088	chr9	1.08E+08	1.08E+08	-	0.016518
Apeh	MmuINT0017089	chr9	1.08E+08	1.08E+08	-	0.010991
Apeh	MmuINT0017090	chr9	1.08E+08	1.08E+08	-	0.041084
Apeh	MmuINT0017091	chr9	1.08E+08	1.08E+08	-	0.009302
Apeh	MmuINT0017092	chr9	1.08E+08	1.08E+08	-	0.009727
Apeh	MmuINT0017093	chr9	1.08E+08	1.08E+08	-	0.012869
Apeh	MmuINT0017094	chr9	1.08E+08	1.08E+08	-	0.034059
Apeh	MmuINT0017095	chr9	1.08E+08	1.08E+08	-	0.014434
Apeh	MmuINT0017096	chr9	1.08E+08	1.08E+08	-	0.008425
Apeh	MmuINT0017097	chr9	1.08E+08	1.08E+08	-	0.007354
Apeh	MmuINT0017098	chr9	1.08E+08	1.08E+08	-	0.018919
Apeh	MmuINT0017099	chr9	1.08E+08	1.08E+08	-	0.011969
Apeh	MmuINT0017100	chr9	1.08E+08	1.08E+08	-	0.009241
Apeh	MmuINT0017101	chr9	1.08E+08	1.08E+08	-	0.009023
Apeh	MmuINT0017102	chr9	1.08E+08	1.08E+08	-	0.007165
Apeh	MmuINT0017103	chr9	1.08E+08	1.08E+08	-	0.019991
Apeh	MmuINT0017104	chr9	1.08E+08	1.08E+08	-	0.006185
Apeh	MmuINT0017105	chr9	1.08E+08	1.08E+08	-	0.068384
Apeh	MmuINT0017106	chr9	1.08E+08	1.08E+08	-	0.050774
Apex1	MmuINT0017107	chr14	51544705	51544887	+	0.074107
Apex1	MmuINT0017108	chr14	51545000	51545191	+	0.01493
Apex1	MmuINT0017109	chr14	51546029	51546130	+	0.01261
Apex2	MmuINT0017111	chrX	1.47E+08	1.47E+08	-	0.053214
Apex2	MmuINT0017112	chrX	1.47E+08	1.47E+08	-	0.047952
Apex2	MmuINT0017113	chrX	1.47E+08	1.47E+08	-	0.049691
Apex2	MmuINT0017114	chrX	1.47E+08	1.47E+08	-	0.131647
Aph1a	MmuINT0017116	chr3	95699140	95699370	+	0.024573
Aph1b	MmuINT0017119	chr9	66642048	66643059	-	0.037271
Api5	MmuINT0017130	chr2	94261200	94261589	-	0.035112
Api5	MmuINT0017131	chr2	94259105	94261142	-	0.009904
Api5	MmuINT0017132	chr2	94258550	94259027	-	0.018152
Api5	MmuINT0017133	chr2	94253939	94258412	-	0.136369
Api5	MmuINT0017139	chr2	94263659	94265130	-	0.007197
Api5	MmuINT0017140	chr2	94262636	94263568	-	0.00657
Api5	MmuINT0017141	chr2	94261684	94262453	-	0.008142

Apip	MmuINT0017142	chr2	1.03E+08	1.03E+08	+	0.002162
Apip	MmuINT0017143	chr2	1.03E+08	1.03E+08	+	0.018091
Apip	MmuINT0017144	chr2	1.03E+08	1.03E+08	+	0.007087
Apip	MmuINT0017145	chr2	1.03E+08	1.03E+08	+	0.002188
Apip	MmuINT0017146	chr2	1.03E+08	1.03E+08	+	0.00268
Apip	MmuINT0017147	chr2	1.03E+08	1.03E+08	+	0.051753
ApIf	MmuINT0017153	chr6	87579916	87580009	-	0.944772
ApIf	MmuINT0017154	chr6	87613852	87618409	-	0.051821
ApIf	MmuINT0017155	chr6	87608983	87613678	-	0.044765
ApIf	MmuINT0017156	chr6	87608560	87608834	-	0.062386
ApIf	MmuINT0017157	chr6	87603887	87608426	-	0.045496
ApIf	MmuINT0017158	chr6	87596346	87603701	-	0.070493
ApIf	MmuINT0017159	chr6	87592010	87596007	-	0.034422
ApIn	MmuINT0017161	chrX	45381643	45387615	-	0.018655
ApIn	MmuINT0017162	chrX	45380885	45381470	-	0.023337
ApIp2	MmuINT0017181	chr9	30985664	31019207	-	0.001713
ApIp2	MmuINT0017182	chr9	30966184	30968811	-	0.000979
ApIp2	MmuINT0017183	chr9	30965433	30966083	-	0.00119
ApIp2	MmuINT0017184	chr9	30963811	30965279	-	0.023577
ApIp2	MmuINT0017185	chr9	30961085	30963774	-	0.02378
ApIp2	MmuINT0017186	chr9	30959973	30960998	-	0.002343
ApIp2	MmuINT0017187	chr9	30959578	30959897	-	0.001353
ApIp2	MmuINT0017188	chr9	30958558	30959421	-	0.00059
ApIp2	MmuINT0017189	chr9	30984727	30985489	-	0.00081
ApIp2	MmuINT0017190	chr9	30979632	30984602	-	0.001081
ApIp2	MmuINT0017191	chr9	30978219	30979518	-	0.000993
ApIp2	MmuINT0017192	chr9	30976502	30978021	-	0.001442
ApIp2	MmuINT0017193	chr9	30972259	30976292	-	0.065575
ApIp2	MmuINT0017194	chr9	30971006	30972127	-	0.00078
ApIp2	MmuINT0017195	chr9	30969503	30970930	-	0.00088
ApIp2	MmuINT0017196	chr9	30968941	30969343	-	0.000644
Apoa1	MmuINT0017199	chr9	46037083	46037198	+	0.014023
Apoa1	MmuINT0017200	chr9	46037353	46037887	+	0.018812
Apoa1bp	MmuINT0017201	chr3	87862161	87862248	-	0.02129
Apoa1bp	MmuINT0017202	chr3	87861954	87862051	-	0.004166
Apoa1bp	MmuINT0017203	chr3	87861760	87861842	-	0.023383
Apoa1bp	MmuINT0017204	chr3	87861056	87861645	-	0.032621
Apoa1bp	MmuINT0017205	chr3	87860699	87860907	-	0.018752
Apoa2	MmuINT0017207	chr1	1.73E+08	1.73E+08	+	0.009454
Apoa2	MmuINT0017208	chr1	1.73E+08	1.73E+08	+	0.008535
Apobec1	MmuINT0017246	chr6	1.23E+08	1.23E+08	-	0.040173
Apobec1	MmuINT0017248	chr6	1.23E+08	1.23E+08	-	0.271063
Apobec1	MmuINT0017249	chr6	1.23E+08	1.23E+08	-	0.201277
Apobec1	MmuINT0017250	chr6	1.23E+08	1.23E+08	-	0.111536
Apobec2	MmuINT0017251	chr17	48562831	48571803	-	0.000882
Apobec2	MmuINT0017252	chr17	48558959	48562265	-	0.009158
Apobec3	MmuINT0017255	chr15	79723000	79725840	+	0.042063
Apobec3	MmuINT0017256	chr15	79725989	79728124	+	0.019849
Apobec3	MmuINT0017257	chr15	79728402	79728540	+	0.025827
Apobec3	MmuINT0017258	chr15	79728656	79735873	+	0.028639

Apobec3	MmuINT0017259	chr15	79736031	79736770	+	0.262394
Apobec3	MmuINT0017260	chr15	79737033	79737280	+	0.049914
Apobec3	MmuINT0017261	chr15	79737394	79737733	+	0.151688
Apoc1	MmuINT0017263	chr7	20274986	20277236	-	0.016585
Apoc3	MmuINT0017268	chr9	46042624	46042741	-	0.029447
Apoc3	MmuINT0017269	chr9	46041427	46042499	-	0.027712
Apoc4	MmuINT0017270	chr7	20264092	20266653	-	0.051513
Apod	MmuINT0017272	chr16	31314555	31314637	-	0.060682
Apod	MmuINT0017274	chr16	31303618	31311099	-	0.060755
Apod	MmuINT0017275	chr16	31300570	31303495	-	0.036786
Apod	MmuINT0017276	chr16	31297663	31300480	-	0.030858
Apoe	MmuINT0017277	chr7	20283603	20284359	-	0.021627
Apoe	MmuINT0017278	chr7	20282997	20283536	-	0.002029
Apoe	MmuINT0017279	chr7	20282453	20282827	-	0.004021
Apoh	MmuINT0017284	chr11	1.08E+08	1.08E+08	+	0.043518
Apoh	MmuINT0017285	chr11	1.08E+08	1.08E+08	+	0.01895
Apoh	MmuINT0017286	chr11	1.08E+08	1.08E+08	+	0.036172
Apoh	MmuINT0017287	chr11	1.08E+08	1.08E+08	+	0.042311
Apol10b	MmuINT0017291	chr15	77422580	77426424	-	0.252713
Apol10b	MmuINT0017292	chr15	77419246	77422505	-	0.033311
Apol10b	MmuINT0017293	chr15	77416242	77419118	-	0.058009
Apoo	MmuINT0017331	chrX	91612502	91625264	+	0.000292
Apool	MmuINT0017339	chrX	1.09E+08	1.09E+08	+	0.003228
Apool	MmuINT0017340	chrX	1.09E+08	1.09E+08	+	0.001406
Apool	MmuINT0017341	chrX	1.09E+08	1.09E+08	+	0.002638
Apool	MmuINT0017342	chrX	1.09E+08	1.09E+08	+	0.003467
Apool	MmuINT0017343	chrX	1.09E+08	1.09E+08	+	0.003014
Apool	MmuINT0017344	chrX	1.09E+08	1.09E+08	+	0.002087
Apool	MmuINT0017345	chrX	1.09E+08	1.09E+08	+	0.002254
Apool	MmuINT0017346	chrX	1.09E+08	1.09E+08	+	0.001851
App	MmuINT0017347	chr16	85120943	85173746	-	0.002729
App	MmuINT0017348	chr16	85013972	85015476	-	0.002189
App	MmuINT0017349	chr16	84978531	85013871	-	0.00262
App	MmuINT0017350	chr16	84971707	84978308	-	0.007261
App	MmuINT0017351	chr16	84966016	84971652	-	0.00891
App	MmuINT0017352	chr16	84963114	84965914	-	0.002643
App	MmuINT0017353	chr16	84955678	84962966	-	0.004826
App	MmuINT0017354	chr16	85103581	85120774	-	0.0028
App	MmuINT0017355	chr16	85083134	85103450	-	0.002337
App	MmuINT0017356	chr16	85080279	85083020	-	0.002013
App	MmuINT0017357	chr16	85056772	85080084	-	0.002455
App	MmuINT0017358	chr16	85030611	85056568	-	0.009077
App	MmuINT0017359	chr16	85025743	85030476	-	0.002486
App	MmuINT0017360	chr16	85025257	85025667	-	0.002293
App	MmuINT0017361	chr16	85015606	85025097	-	0.002486
Appbp2	MmuINT0017362	chr11	85030027	85048173	-	0.022539
Appbp2	MmuINT0017363	chr11	85009759	85011567	-	0.145954
Appbp2	MmuINT0017364	chr11	85008243	85009567	-	0.010037
Appbp2	MmuINT0017365	chr11	85005402	85008076	-	0.078558
Appbp2	MmuINT0017366	chr11	85028764	85029937	-	0.020697

Appbp2	MmuINT0017367	chr11	85027862	85028611	-	0.01631
Appbp2	MmuINT0017368	chr11	85023611	85027737	-	0.012503
Appbp2	MmuINT0017369	chr11	85017826	85023441	-	0.015883
Appbp2	MmuINT0017370	chr11	85015173	85017735	-	0.021968
Appbp2	MmuINT0017371	chr11	85015024	85015104	-	0.023582
Appbp2	MmuINT0017372	chr11	85013921	85014917	-	0.018236
Appbp2	MmuINT0017373	chr11	85011654	85013795	-	0.042885
Appl1	MmuINT0017374	chr14	27778144	27783586	-	0.017935
Appl1	MmuINT0017375	chr14	27762817	27763737	-	0.010959
Appl1	MmuINT0017376	chr14	27760350	27762627	-	0.013326
Appl1	MmuINT0017377	chr14	27758788	27760306	-	0.032273
Appl1	MmuINT0017378	chr14	27757190	27758730	-	0.025775
Appl1	MmuINT0017379	chr14	27756017	27757097	-	0.012392
Appl1	MmuINT0017380	chr14	27753483	27755833	-	0.012567
Appl1	MmuINT0017381	chr14	27741920	27753429	-	0.02799
Appl1	MmuINT0017382	chr14	27741663	27741744	-	0.056374
Appl1	MmuINT0017383	chr14	27741062	27741625	-	0.115228
Appl1	MmuINT0017384	chr14	27739196	27740914	-	0.021421
Appl1	MmuINT0017385	chr14	27776893	27778044	-	0.016812
Appl1	MmuINT0017386	chr14	27738693	27739144	-	0.010183
Appl1	MmuINT0017387	chr14	27737058	27738602	-	0.023611
Appl1	MmuINT0017388	chr14	27776064	27776832	-	0.017304
Appl1	MmuINT0017389	chr14	27774225	27775991	-	0.02203
Appl1	MmuINT0017390	chr14	27772653	27774136	-	0.02297
Appl1	MmuINT0017391	chr14	27771698	27772610	-	0.019327
Appl1	MmuINT0017392	chr14	27766311	27771638	-	0.01601
Appl1	MmuINT0017393	chr14	27764704	27766163	-	0.011598
Appl1	MmuINT0017394	chr14	27763897	27764620	-	0.012106
Appl2	MmuINT0017395	chr10	83103850	83111272	-	0.012645
Appl2	MmuINT0017396	chr10	83075646	83076888	-	0.024716
Appl2	MmuINT0017397	chr10	83074238	83075456	-	0.224385
Appl2	MmuINT0017398	chr10	83073945	83074194	-	0.152066
Appl2	MmuINT0017399	chr10	83073812	83073887	-	0.177291
Appl2	MmuINT0017400	chr10	83071841	83073722	-	0.007747
Appl2	MmuINT0017401	chr10	83071498	83071681	-	0.008192
Appl2	MmuINT0017402	chr10	83068680	83071444	-	0.007868
Appl2	MmuINT0017403	chr10	83065908	83068504	-	0.017178
Appl2	MmuINT0017404	chr10	83065644	83065870	-	0.018979
Appl2	MmuINT0017405	chr10	83064676	83065502	-	0.008512
Appl2	MmuINT0017406	chr10	83091579	83103750	-	0.020093
Appl2	MmuINT0017407	chr10	83063787	83064627	-	0.012076
Appl2	MmuINT0017408	chr10	83091046	83091518	-	0.006193
Appl2	MmuINT0017409	chr10	83087452	83090973	-	0.010683
Appl2	MmuINT0017410	chr10	83084499	83087363	-	0.008288
Appl2	MmuINT0017411	chr10	83084333	83084456	-	0.006555
Appl2	MmuINT0017412	chr10	83083590	83084273	-	0.005858
Appl2	MmuINT0017413	chr10	83080175	83083442	-	0.016848
Appl2	MmuINT0017414	chr10	83077048	83080091	-	0.006177
Aprt	MmuINT0017415	chr8	1.25E+08	1.25E+08	-	0.031808
Aprt	MmuINT0017416	chr8	1.25E+08	1.25E+08	-	0.035329

Aprt	MmuINT0017417	chr8	1.25E+08	1.25E+08	-	0.005556
Aprt	MmuINT0017418	chr8	1.25E+08	1.25E+08	-	0.018325
Aptx	MmuINT0017421	chr4	40642457	40644249	-	0.030226
Aptx	MmuINT0017422	chr4	40642170	40642409	-	0.038601
Aptx	MmuINT0017423	chr4	40640483	40641884	-	0.009356
Aptx	MmuINT0017424	chr4	40638229	40640422	-	0.031179
Aptx	MmuINT0017425	chr4	40635246	40638001	-	0.014189
Aptx	MmuINT0017426	chr4	40633747	40635141	-	0.019345
Aqp1	MmuINT0017427	chr6	55286869	55295399	+	0.01913
Aqp1	MmuINT0017428	chr6	55295565	55295806	+	0.013868
Aqp1	MmuINT0017429	chr6	55295888	55296611	+	0.005485
Aqp7	MmuINT0017453	chr4	40993556	40994905	-	0.059784
Aqp7	MmuINT0017454	chr4	40992449	40993416	-	0.050564
Aqp7	MmuINT0017455	chr4	40983171	40992312	-	0.054713
Aqp7	MmuINT0017456	chr4	40982664	40983046	-	0.069341
Aqp7	MmuINT0017457	chr4	40982287	40982525	-	0.018137
Aqp7	MmuINT0017458	chr4	40982005	40982167	-	0.062621
Aqp7	MmuINT0017459	chr4	40981493	40981786	-	0.083673
Aqr	MmuINT0017470	chr2	1.14E+08	1.14E+08	-	0.022937
Aqr	MmuINT0017471	chr2	1.14E+08	1.14E+08	-	0.036008
Aqr	MmuINT0017472	chr2	1.14E+08	1.14E+08	-	0.018035
Aqr	MmuINT0017473	chr2	1.14E+08	1.14E+08	-	0.030077
Aqr	MmuINT0017474	chr2	1.14E+08	1.14E+08	-	0.033418
Aqr	MmuINT0017475	chr2	1.14E+08	1.14E+08	-	0.026638
Aqr	MmuINT0017476	chr2	1.14E+08	1.14E+08	-	0.015007
Aqr	MmuINT0017477	chr2	1.14E+08	1.14E+08	-	0.014288
Aqr	MmuINT0017478	chr2	1.14E+08	1.14E+08	-	0.012482
Aqr	MmuINT0017479	chr2	1.14E+08	1.14E+08	-	0.010398
Aqr	MmuINT0017480	chr2	1.14E+08	1.14E+08	-	0.020525
Aqr	MmuINT0017481	chr2	1.14E+08	1.14E+08	-	0.047437
Aqr	MmuINT0017482	chr2	1.14E+08	1.14E+08	-	0.014632
Aqr	MmuINT0017483	chr2	1.14E+08	1.14E+08	-	0.01711
Aqr	MmuINT0017484	chr2	1.14E+08	1.14E+08	-	0.019928
Aqr	MmuINT0017485	chr2	1.14E+08	1.14E+08	-	0.01485
Aqr	MmuINT0017486	chr2	1.14E+08	1.14E+08	-	0.015351
Aqr	MmuINT0017487	chr2	1.14E+08	1.14E+08	-	0.022154
Aqr	MmuINT0017488	chr2	1.14E+08	1.14E+08	-	0.012144
Aqr	MmuINT0017489	chr2	1.14E+08	1.14E+08	-	0.023171
Aqr	MmuINT0017490	chr2	1.14E+08	1.14E+08	-	0.029288
Aqr	MmuINT0017491	chr2	1.14E+08	1.14E+08	-	0.024444
Aqr	MmuINT0017492	chr2	1.14E+08	1.14E+08	-	0.036326
Aqr	MmuINT0017493	chr2	1.14E+08	1.14E+08	-	0.019818
Aqr	MmuINT0017494	chr2	1.14E+08	1.14E+08	-	0.0175
Aqr	MmuINT0017495	chr2	1.14E+08	1.14E+08	-	0.024661
Aqr	MmuINT0017496	chr2	1.14E+08	1.14E+08	-	0.058055
Aqr	MmuINT0017497	chr2	1.14E+08	1.14E+08	-	0.024026
Aqr	MmuINT0017499	chr2	1.14E+08	1.14E+08	-	0.019197
Aqr	MmuINT0017500	chr2	1.14E+08	1.14E+08	-	0.037952
Aqr	MmuINT0017501	chr2	1.14E+08	1.14E+08	-	0.027545
Aqr	MmuINT0017502	chr2	1.14E+08	1.14E+08	-	0.039547



Aqr	MmuINT0017503	chr2	1.14E+08	1.14E+08	-	0.138701
Araf	MmuINT0017511	chrX	20425746	20427052	+	0.152857
Araf	MmuINT0017512	chrX	20431242	20434737	+	0.243124
Araf	MmuINT0017513	chrX	20434915	20435003	+	0.016374
Araf	MmuINT0017514	chrX	20435051	20435519	+	0.030907
Araf	MmuINT0017515	chrX	20435639	20435867	+	0.042618
Araf	MmuINT0017516	chrX	20436000	20436810	+	0.031438
Araf	MmuINT0017517	chrX	20436946	20437104	+	0.085454
Araf	MmuINT0017518	chrX	20427209	20427370	+	0.003689
Araf	MmuINT0017519	chrX	20427475	20428591	+	0.066641
Araf	MmuINT0017520	chrX	20428695	20428783	+	0.009898
Araf	MmuINT0017521	chrX	20428939	20429055	+	0.052933
Araf	MmuINT0017522	chrX	20430586	20430685	+	0.022118
Araf	MmuINT0017523	chrX	20430714	20430802	+	0.120138
Araf	MmuINT0017524	chrX	20430943	20431038	+	0.055966
Arap1	MmuINT0017529	chr7	1.09E+08	1.09E+08	+	0.020157
Arap1	MmuINT0017530	chr7	1.09E+08	1.09E+08	+	0.026903
Arap1	MmuINT0017531	chr7	1.09E+08	1.09E+08	+	0.020765
Arap1	MmuINT0017532	chr7	1.09E+08	1.09E+08	+	0.024063
Arap1	MmuINT0017533	chr7	1.09E+08	1.09E+08	+	0.021995
Arap1	MmuINT0017534	chr7	1.09E+08	1.09E+08	+	0.032831
Arap1	MmuINT0017535	chr7	1.09E+08	1.09E+08	+	0.074386
Arap1	MmuINT0017536	chr7	1.09E+08	1.09E+08	+	0.023441
Arap1	MmuINT0017538	chr7	1.09E+08	1.09E+08	+	0.012294
Arap1	MmuINT0017539	chr7	1.09E+08	1.09E+08	+	0.018312
Arap1	MmuINT0017540	chr7	1.09E+08	1.09E+08	+	0.032149
Arap1	MmuINT0017541	chr7	1.09E+08	1.09E+08	+	0.032937
Arap1	MmuINT0017542	chr7	1.09E+08	1.09E+08	+	0.029604
Arap1	MmuINT0017543	chr7	1.09E+08	1.09E+08	+	0.018089
Arap1	MmuINT0017544	chr7	1.09E+08	1.09E+08	+	0.08472
Arap1	MmuINT0017545	chr7	1.09E+08	1.09E+08	+	0.03871
Arap1	MmuINT0017546	chr7	1.09E+08	1.09E+08	+	0.034335
Arap1	MmuINT0017547	chr7	1.09E+08	1.09E+08	+	0.059207
Arap1	MmuINT0017548	chr7	1.09E+08	1.09E+08	+	0.018698
Arap1	MmuINT0017549	chr7	1.09E+08	1.09E+08	+	0.019165
Arap1	MmuINT0017550	chr7	1.09E+08	1.09E+08	+	0.026203
Arap1	MmuINT0017551	chr7	1.09E+08	1.09E+08	+	0.014739
Arap1	MmuINT0017552	chr7	1.09E+08	1.09E+08	+	0.020512
Arap1	MmuINT0017553	chr7	1.09E+08	1.09E+08	+	0.030372
Arap1	MmuINT0017554	chr7	1.09E+08	1.09E+08	+	0.028483
Arap1	MmuINT0017555	chr7	1.09E+08	1.09E+08	+	0.011484
Arap1	MmuINT0017556	chr7	1.09E+08	1.09E+08	+	0.013874
Arap2	MmuINT0017561	chr5	63067926	63068340	-	0.040963
Arap2	MmuINT0017566	chr5	63060092	63060265	-	0.040204
Arap2	MmuINT0017570	chr5	63037528	63040927	-	0.031371
Arap2	MmuINT0017571	chr5	63034182	63037421	-	0.027652
Arap2	MmuINT0017572	chr5	63032636	63034033	-	0.050636
Arap2	MmuINT0017573	chr5	63030276	63032566	-	0.042884
Arap2	MmuINT0017574	chr5	63027309	63030200	-	0.049841
Arap2	MmuINT0017578	chr5	63005269	63006242	-	0.063383

Arap2	MmuINT0017580	chr5	63003007	63005232	-	0.059628
Arap2	MmuINT0017582	chr5	62995896	62997313	-	0.043866
Arap2	MmuINT0017587	chr5	63089659	63097846	-	0.0439
Arap3	MmuINT0017590	chr18	38149426	38149529	-	0.009143
Arap3	MmuINT0017591	chr18	38149200	38149339	-	0.012063
Arap3	MmuINT0017592	chr18	38148849	38149016	-	0.00597
Arap3	MmuINT0017593	chr18	38148083	38148712	-	0.088666
Arap3	MmuINT0017595	chr18	38147312	38147407	-	0.007642
Arap3	MmuINT0017596	chr18	38145187	38147208	-	0.067011
Arap3	MmuINT0017597	chr18	38144307	38144966	-	0.035245
Arap3	MmuINT0017598	chr18	38144052	38144242	-	0.013085
Arap3	MmuINT0017599	chr18	38141828	38143887	-	0.020329
Arap3	MmuINT0017600	chr18	38156135	38156239	-	0.009635
Arap3	MmuINT0017601	chr18	38141069	38141614	-	0.009826
Arap3	MmuINT0017602	chr18	38139984	38140962	-	0.024339
Arap3	MmuINT0017603	chr18	38139555	38139835	-	0.012228
Arap3	MmuINT0017604	chr18	38138274	38139485	-	0.083715
Arap3	MmuINT0017605	chr18	38138117	38138198	-	0.013272
Arap3	MmuINT0017606	chr18	38135823	38138001	-	0.036393
Arap3	MmuINT0017607	chr18	38135611	38135693	-	0.019458
Arap3	MmuINT0017608	chr18	38135253	38135476	-	0.011961
Arap3	MmuINT0017609	chr18	38135077	38135169	-	0.025013
Arap3	MmuINT0017610	chr18	38134336	38135040	-	0.189432
Arap3	MmuINT0017611	chr18	38155975	38156072	-	0.01509
Arap3	MmuINT0017612	chr18	38134157	38134271	-	0.073491
Arap3	MmuINT0017613	chr18	38133795	38134018	-	0.150862
Arap3	MmuINT0017614	chr18	38133306	38133755	-	0.177042
Arap3	MmuINT0017615	chr18	38151385	38155862	-	0.018233
Arap3	MmuINT0017616	chr18	38151052	38151192	-	0.13989
Arap3	MmuINT0017617	chr18	38150743	38150981	-	0.113999
Arap3	MmuINT0017618	chr18	38150541	38150621	-	0.012376
Arap3	MmuINT0017619	chr18	38150273	38150355	-	0.033017
Arap3	MmuINT0017620	chr18	38149730	38150165	-	0.465715
Arcn1	MmuINT0017623	chr9	44568309	44575752	-	0.001869
Arcn1	MmuINT0017625	chr9	44566850	44566963	-	0.001547
Arcn1	MmuINT0017627	chr9	44560359	44565202	-	0.006404
Arcn1	MmuINT0017628	chr9	44559447	44560192	-	0.004778
Arcn1	MmuINT0017629	chr9	44558517	44559298	-	0.001826
Arcn1	MmuINT0017630	chr9	44553706	44558407	-	0.003711
Arcn1	MmuINT0017631	chr9	44552100	44553500	-	0.007921
Arf1	MmuINT0017638	chr11	59027026	59041674	-	0.000699
Arf2	MmuINT0017643	chr11	1.04E+08	1.04E+08	+	0.006772
Arf2	MmuINT0017644	chr11	1.04E+08	1.04E+08	+	0.008033
Arf2	MmuINT0017645	chr11	1.04E+08	1.04E+08	+	0.009265
Arf3	MmuINT0017646	chr15	98573261	98593410	-	0.026953
Arf3	MmuINT0017647	chr15	98571866	98573023	-	0.009038
Arf3	MmuINT0017648	chr15	98571547	98571754	-	0.014129
Arf3	MmuINT0017649	chr15	98570926	98571421	-	0.00777
Arf4	MmuINT0017650	chr14	27457973	27466144	+	0.002407
Arf4	MmuINT0017651	chr14	27466226	27466399	+	0.0029

Arf4	MmuINT0017652	chr14	27466510	27472591	+	0.004898
Arf4	MmuINT0017653	chr14	27472664	27473322	+	0.003282
Arf4	MmuINT0017654	chr14	27473449	27475381	+	0.005945
Arf5	MmuINT0017655	chr6	28373756	28374289	+	0.012289
Arf5	MmuINT0017656	chr6	28374371	28374721	+	0.009007
Arf5	MmuINT0017657	chr6	28374832	28375172	+	0.010295
Arf5	MmuINT0017658	chr6	28375245	28375738	+	0.004212
Arf5	MmuINT0017659	chr6	28375865	28376071	+	0.007661
Arf6	MmuINT0017660	chr12	70473211	70473310	+	0.107822
Arfgap1	MmuINT0017664	chr2	1.81E+08	1.81E+08	+	0.160499
Arfgap1	MmuINT0017665	chr2	1.81E+08	1.81E+08	+	0.022688
Arfgap1	MmuINT0017666	chr2	1.81E+08	1.81E+08	+	0.017875
Arfgap1	MmuINT0017667	chr2	1.81E+08	1.81E+08	+	0.045901
Arfgap1	MmuINT0017668	chr2	1.81E+08	1.81E+08	+	0.009725
Arfgap1	MmuINT0017669	chr2	1.81E+08	1.81E+08	+	0.022311
Arfgap1	MmuINT0017670	chr2	1.81E+08	1.81E+08	+	0.010572
Arfgap1	MmuINT0017671	chr2	1.81E+08	1.81E+08	+	0.187473
Arfgap1	MmuINT0017672	chr2	1.81E+08	1.81E+08	+	0.066828
Arfgap1	MmuINT0017673	chr2	1.81E+08	1.81E+08	+	0.008892
Arfgap1	MmuINT0017674	chr2	1.81E+08	1.81E+08	+	0.011513
Arfgap2	MmuINT0017677	chr2	91110447	91113697	+	0.001433
Arfgap2	MmuINT0017678	chr2	91113827	91113909	+	0.007313
Arfgap2	MmuINT0017681	chr2	91115324	91115432	+	0.008397
Arfgap2	MmuINT0017682	chr2	91115552	91115921	+	0.00031
Arfgap2	MmuINT0017688	chr2	91108666	91109226	+	0.210008
Arfgap2	MmuINT0017689	chr2	91109269	91109608	+	0.412539
Arfgap3	MmuINT0017692	chr15	83173571	83180510	-	0.020483
Arfgap3	MmuINT0017693	chr15	83144043	83144769	-	0.021113
Arfgap3	MmuINT0017694	chr15	83140815	83143898	-	0.019048
Arfgap3	MmuINT0017695	chr15	83138607	83140679	-	0.054286
Arfgap3	MmuINT0017696	chr15	83137402	83138482	-	0.033307
Arfgap3	MmuINT0017697	chr15	83133655	83137310	-	0.104059
Arfgap3	MmuINT0017698	chr15	83131133	83133532	-	0.056842
Arfgap3	MmuINT0017699	chr15	83167157	83173451	-	0.061184
Arfgap3	MmuINT0017700	chr15	83165040	83167083	-	0.028598
Arfgap3	MmuINT0017701	chr15	83163200	83164907	-	0.042701
Arfgap3	MmuINT0017702	chr15	83161037	83163115	-	0.035296
Arfgap3	MmuINT0017703	chr15	83158095	83160948	-	0.052642
Arfgap3	MmuINT0017705	chr15	83153144	83154533	-	0.034012
Arfgap3	MmuINT0017706	chr15	83144899	83153003	-	0.017738
Arfgef1	MmuINT0017707	chr1	10206641	10222451	-	0.00977
Arfgef1	MmuINT0017708	chr1	10179760	10184337	-	0.003949
Arfgef1	MmuINT0017709	chr1	10179417	10179519	-	0.004804
Arfgef1	MmuINT0017710	chr1	10179040	10179307	-	0.005482
Arfgef1	MmuINT0017711	chr1	10174579	10178837	-	0.005757
Arfgef1	MmuINT0017712	chr1	10174263	10174466	-	0.005087
Arfgef1	MmuINT0017713	chr1	10173829	10174056	-	0.006482
Arfgef1	MmuINT0017714	chr1	10171123	10173743	-	0.004967
Arfgef1	MmuINT0017715	chr1	10170059	10170950	-	0.003946
Arfgef1	MmuINT0017716	chr1	10164277	10169906	-	0.005608

Arfgef1	MmuINT0017717	chr1	10163434	10164147	-	0.004786
Arfgef1	MmuINT0017718	chr1	10206075	10206609	-	0.011044
Arfgef1	MmuINT0017719	chr1	10163066	10163274	-	0.003655
Arfgef1	MmuINT0017720	chr1	10153869	10162914	-	0.007215
Arfgef1	MmuINT0017721	chr1	10151085	10153777	-	0.009217
Arfgef1	MmuINT0017722	chr1	10150952	10151043	-	0.006274
Arfgef1	MmuINT0017723	chr1	10150110	10150781	-	0.005976
Arfgef1	MmuINT0017724	chr1	10149822	10149957	-	0.004307
Arfgef1	MmuINT0017725	chr1	10148142	10149648	-	0.005152
Arfgef1	MmuINT0017726	chr1	10147126	10147980	-	0.007455
Arfgef1	MmuINT0017727	chr1	10144492	10146994	-	0.023808
Arfgef1	MmuINT0017728	chr1	10143824	10144361	-	0.003906
Arfgef1	MmuINT0017729	chr1	10204353	10205917	-	0.006322
Arfgef1	MmuINT0017730	chr1	10143606	10143687	-	0.003205
Arfgef1	MmuINT0017731	chr1	10141955	10143466	-	0.005326
Arfgef1	MmuINT0017732	chr1	10137617	10141881	-	0.007398
Arfgef1	MmuINT0017733	chr1	10134939	10137483	-	0.010609
Arfgef1	MmuINT0017734	chr1	10132826	10134798	-	0.005798
Arfgef1	MmuINT0017735	chr1	10131779	10132656	-	0.003846
Arfgef1	MmuINT0017736	chr1	10130666	10131639	-	0.014034
Arfgef1	MmuINT0017737	chr1	10129078	10130547	-	0.014247
Arfgef1	MmuINT0017738	chr1	10203305	10204205	-	0.006127
Arfgef1	MmuINT0017739	chr1	10199783	10203124	-	0.003818
Arfgef1	MmuINT0017740	chr1	10194991	10199505	-	0.008593
Arfgef1	MmuINT0017741	chr1	10189986	10194888	-	0.004537
Arfgef1	MmuINT0017742	chr1	10189058	10189809	-	0.004541
Arfgef1	MmuINT0017743	chr1	10184573	10188923	-	0.004192
Arfgef2	MmuINT0017744	chr2	1.67E+08	1.67E+08	+	0.020019
Arfgef2	MmuINT0017745	chr2	1.67E+08	1.67E+08	+	0.013495
Arfgef2	MmuINT0017746	chr2	1.67E+08	1.67E+08	+	0.009532
Arfgef2	MmuINT0017747	chr2	1.67E+08	1.67E+08	+	0.008627
Arfgef2	MmuINT0017748	chr2	1.67E+08	1.67E+08	+	0.008474
Arfgef2	MmuINT0017749	chr2	1.67E+08	1.67E+08	+	0.019947
Arfgef2	MmuINT0017750	chr2	1.67E+08	1.67E+08	+	0.007865
Arfgef2	MmuINT0017751	chr2	1.67E+08	1.67E+08	+	0.010106
Arfgef2	MmuINT0017752	chr2	1.67E+08	1.67E+08	+	0.008512
Arfgef2	MmuINT0017753	chr2	1.67E+08	1.67E+08	+	0.008199
Arfgef2	MmuINT0017754	chr2	1.67E+08	1.67E+08	+	0.010242
Arfgef2	MmuINT0017755	chr2	1.67E+08	1.67E+08	+	0.014208
Arfgef2	MmuINT0017756	chr2	1.67E+08	1.67E+08	+	0.009665
Arfgef2	MmuINT0017757	chr2	1.67E+08	1.67E+08	+	0.006706
Arfgef2	MmuINT0017758	chr2	1.67E+08	1.67E+08	+	0.009871
Arfgef2	MmuINT0017759	chr2	1.67E+08	1.67E+08	+	0.013289
Arfgef2	MmuINT0017760	chr2	1.67E+08	1.67E+08	+	0.011527
Arfgef2	MmuINT0017761	chr2	1.67E+08	1.67E+08	+	0.008046
Arfgef2	MmuINT0017762	chr2	1.67E+08	1.67E+08	+	0.008503
Arfgef2	MmuINT0017763	chr2	1.67E+08	1.67E+08	+	0.008046
Arfgef2	MmuINT0017764	chr2	1.67E+08	1.67E+08	+	0.009304
Arfgef2	MmuINT0017765	chr2	1.67E+08	1.67E+08	+	0.009014
Arfgef2	MmuINT0017766	chr2	1.67E+08	1.67E+08	+	0.009941

Arfgef2	MmuINT0017767	chr2	1.67E+08	1.67E+08	+	0.008529
Arfgef2	MmuINT0017768	chr2	1.67E+08	1.67E+08	+	0.008017
Arfgef2	MmuINT0017769	chr2	1.67E+08	1.67E+08	+	0.007745
Arfgef2	MmuINT0017770	chr2	1.67E+08	1.67E+08	+	0.008155
Arfgef2	MmuINT0017771	chr2	1.67E+08	1.67E+08	+	0.030864
Arfgef2	MmuINT0017772	chr2	1.67E+08	1.67E+08	+	0.011564
Arfgef2	MmuINT0017773	chr2	1.67E+08	1.67E+08	+	0.010868
Arfgef2	MmuINT0017774	chr2	1.67E+08	1.67E+08	+	0.015732
Arfgef2	MmuINT0017775	chr2	1.67E+08	1.67E+08	+	0.039634
Arfgef2	MmuINT0017776	chr2	1.67E+08	1.67E+08	+	0.011027
Arfgef2	MmuINT0017777	chr2	1.67E+08	1.67E+08	+	0.006452
Arfgef2	MmuINT0017778	chr2	1.67E+08	1.67E+08	+	0.030542
Arfgef2	MmuINT0017779	chr2	1.67E+08	1.67E+08	+	0.056679
Arfgef2	MmuINT0017780	chr2	1.67E+08	1.67E+08	+	0.011108
Arfgef2	MmuINT0017781	chr2	1.67E+08	1.67E+08	+	0.009976
Arfip1	MmuINT0017782	chr3	84351958	84386335	-	0.017569
Arfip1	MmuINT0017783	chr3	84338618	84351855	-	0.012185
Arfip1	MmuINT0017784	chr3	84333188	84338508	-	0.133063
Arfip1	MmuINT0017785	chr3	84331721	84333091	-	0.200215
Arfip1	MmuINT0017786	chr3	84323626	84331607	-	0.012944
Arfip1	MmuINT0017787	chr3	84319713	84323403	-	0.009904
Arfip1	MmuINT0017788	chr3	84313905	84319554	-	0.014094
Arfip1	MmuINT0017789	chr3	84301814	84313729	-	0.011251
Arfip2	MmuINT0017790	chr7	1.13E+08	1.13E+08	-	0.026407
Arfip2	MmuINT0017791	chr7	1.13E+08	1.13E+08	-	0.098819
Arfip2	MmuINT0017792	chr7	1.13E+08	1.13E+08	-	0.101916
Arfip2	MmuINT0017793	chr7	1.13E+08	1.13E+08	-	0.013541
Arfip2	MmuINT0017794	chr7	1.13E+08	1.13E+08	-	0.487535
Arfip2	MmuINT0017795	chr7	1.13E+08	1.13E+08	-	0.094722
Arfip2	MmuINT0017796	chr7	1.13E+08	1.13E+08	-	0.10089
Arfrp1	MmuINT0017797	chr2	1.81E+08	1.81E+08	-	0.128713
Arfrp1	MmuINT0017798	chr2	1.81E+08	1.81E+08	-	0.047539
Arfrp1	MmuINT0017799	chr2	1.81E+08	1.81E+08	-	0.117528
Arfrp1	MmuINT0017800	chr2	1.81E+08	1.81E+08	-	0.046735
Arfrp1	MmuINT0017801	chr2	1.81E+08	1.81E+08	-	0.002647
Arg1	MmuINT0017806	chr10	24636676	24637718	-	0.039539
Arg1	MmuINT0017809	chr10	24635586	24635833	-	0.068834
Arglu1	MmuINT0017818	chr8	8681468	8683747	-	0.328037
Arglu1	MmuINT0017819	chr8	8667417	8681383	-	0.002854
Arhgap1	MmuINT0017820	chr2	91509887	91510302	+	0.019584
Arhgap1	MmuINT0017821	chr2	91510432	91510622	+	0.013504
Arhgap1	MmuINT0017824	chr2	91494689	91502454	+	0.032549
Arhgap1	MmuINT0017825	chr2	91502543	91508353	+	0.028209
Arhgap1	MmuINT0017828	chr2	91508985	91509342	+	0.001744
Arhgap1	MmuINT0017829	chr2	91509451	91509541	+	0.025758
Arhgap1	MmuINT0017830	chr2	91509619	91509808	+	0.023961
Arhgap10	MmuINT0017833	chr8	79974823	80041528	-	0.011508
Arhgap10	MmuINT0017834	chr8	79912635	79933446	-	0.005219
Arhgap10	MmuINT0017835	chr8	79908696	79912552	-	0.004511
Arhgap10	MmuINT0017836	chr8	79906690	79908649	-	0.022076

Arhgap10	MmuINT0017837	chr8	79889060	79906623	-	0.027407
Arhgap10	MmuINT0017838	chr8	79882534	79888984	-	0.00486
Arhgap10	MmuINT0017840	chr8	79870277	79875512	-	0.005891
Arhgap10	MmuINT0017841	chr8	79868699	79870170	-	0.005003
Arhgap10	MmuINT0017842	chr8	79834781	79868538	-	0.004876
Arhgap10	MmuINT0017843	chr8	79801207	79834629	-	0.003913
Arhgap10	MmuINT0017844	chr8	79974654	79974726	-	0.006736
Arhgap10	MmuINT0017845	chr8	79783109	79801046	-	0.024669
Arhgap10	MmuINT0017846	chr8	79781317	79782955	-	0.013741
Arhgap10	MmuINT0017847	chr8	79774907	79781224	-	0.009589
Arhgap10	MmuINT0017848	chr8	79956711	79974591	-	0.009036
Arhgap10	MmuINT0017849	chr8	79950331	79956638	-	0.010469
Arhgap10	MmuINT0017850	chr8	79944647	79950228	-	0.00649
Arhgap10	MmuINT0017851	chr8	79944076	79944535	-	0.004839
Arhgap10	MmuINT0017852	chr8	79937527	79943970	-	0.004443
Arhgap10	MmuINT0017854	chr8	79933542	79934920	-	0.007698
Arhgap12	MmuINT0017869	chr18	6037115	6039351	-	0.020384
Arhgap12	MmuINT0017870	chr18	6034551	6037015	-	0.012129
Arhgap12	MmuINT0017871	chr18	6033256	6034447	-	0.011377
Arhgap12	MmuINT0017872	chr18	6031827	6033138	-	0.010478
Arhgap12	MmuINT0017873	chr18	6028270	6031727	-	0.037982
Arhgap12	MmuINT0017874	chr18	6028093	6028191	-	0.013049
Arhgap12	MmuINT0017875	chr18	6027676	6027957	-	0.020702
Arhgap12	MmuINT0017876	chr18	6026729	6027572	-	0.010029
Arhgap12	MmuINT0017877	chr18	6112438	6115811	-	0.018154
Arhgap12	MmuINT0017878	chr18	6070090	6111682	-	0.022934
Arhgap12	MmuINT0017879	chr18	6065844	6069828	-	0.010862
Arhgap12	MmuINT0017880	chr18	6064420	6065702	-	0.019178
Arhgap12	MmuINT0017881	chr18	6061971	6064338	-	0.011873
Arhgap12	MmuINT0017882	chr18	6052922	6061844	-	0.025546
Arhgap12	MmuINT0017883	chr18	6049357	6052859	-	0.020473
Arhgap12	MmuINT0017884	chr18	6039454	6049274	-	0.011979
Arhgap17	MmuINT0017902	chr7	1.3E+08	1.3E+08	-	0.050614
Arhgap17	MmuINT0017903	chr7	1.3E+08	1.3E+08	-	0.033548
Arhgap17	MmuINT0017904	chr7	1.3E+08	1.3E+08	-	0.035558
Arhgap17	MmuINT0017905	chr7	1.3E+08	1.3E+08	-	0.031827
Arhgap17	MmuINT0017906	chr7	1.3E+08	1.3E+08	-	0.023366
Arhgap17	MmuINT0017907	chr7	1.3E+08	1.3E+08	-	0.036916
Arhgap17	MmuINT0017908	chr7	1.3E+08	1.3E+08	-	0.167212
Arhgap17	MmuINT0017909	chr7	1.3E+08	1.3E+08	-	0.114646
Arhgap17	MmuINT0017910	chr7	1.3E+08	1.3E+08	-	0.01625
Arhgap17	MmuINT0017911	chr7	1.3E+08	1.3E+08	-	0.078585
Arhgap17	MmuINT0017912	chr7	1.3E+08	1.3E+08	-	0.02611
Arhgap17	MmuINT0017913	chr7	1.3E+08	1.3E+08	-	0.036407
Arhgap17	MmuINT0017914	chr7	1.3E+08	1.3E+08	-	0.031689
Arhgap17	MmuINT0017915	chr7	1.3E+08	1.3E+08	-	0.033301
Arhgap17	MmuINT0017916	chr7	1.3E+08	1.3E+08	-	0.031537
Arhgap17	MmuINT0017917	chr7	1.3E+08	1.3E+08	-	0.032563
Arhgap17	MmuINT0017918	chr7	1.3E+08	1.3E+08	-	0.062593
Arhgap17	MmuINT0017919	chr7	1.3E+08	1.3E+08	-	0.068692

Arhgap18	MmuINT0017920	chr10	26492503	26565737	+	0.020461
Arhgap18	MmuINT0017921	chr10	26600577	26607586	+	0.02287
Arhgap18	MmuINT0017922	chr10	26607794	26609537	+	0.023104
Arhgap18	MmuINT0017923	chr10	26609679	26632412	+	0.04953
Arhgap18	MmuINT0017924	chr10	26632538	26636198	+	0.054125
Arhgap18	MmuINT0017925	chr10	26636261	26636810	+	0.0265
Arhgap18	MmuINT0017926	chr10	26565935	26569680	+	0.023045
Arhgap18	MmuINT0017927	chr10	26569917	26574679	+	0.02452
Arhgap18	MmuINT0017928	chr10	26574744	26580362	+	0.019937
Arhgap18	MmuINT0017929	chr10	26580539	26589726	+	0.017678
Arhgap18	MmuINT0017930	chr10	26589893	26592478	+	0.04844
Arhgap18	MmuINT0017931	chr10	26592571	26596962	+	0.06451
Arhgap18	MmuINT0017932	chr10	26597041	26598696	+	0.029505
Arhgap18	MmuINT0017933	chr10	26598857	26600493	+	0.022586
Arhgap20	MmuINT0017948	chr9	51654420	51655411	+	0.028936
Arhgap20	MmuINT0017949	chr9	51655524	51656672	+	0.015803
Arhgap20	MmuINT0017950	chr9	51593924	51624781	+	0.021299
Arhgap20	MmuINT0017951	chr9	51624947	51629267	+	0.021048
Arhgap20	MmuINT0017956	chr9	51637502	51639743	+	0.019591
Arhgap20	MmuINT0017957	chr9	51639933	51646902	+	0.014329
Arhgap21	MmuINT0017959	chr2	20836439	20888956	-	0.020693
Arhgap21	MmuINT0017960	chr2	20789466	20793018	-	0.005335
Arhgap21	MmuINT0017961	chr2	20787018	20789428	-	0.00935
Arhgap21	MmuINT0017962	chr2	20784992	20786891	-	0.00737
Arhgap21	MmuINT0017963	chr2	20782878	20784706	-	0.015902
Arhgap21	MmuINT0017964	chr2	20782735	20782812	-	0.035506
Arhgap21	MmuINT0017965	chr2	20782074	20782597	-	0.017219
Arhgap21	MmuINT0017966	chr2	20781664	20781930	-	0.060242
Arhgap21	MmuINT0017967	chr2	20781424	20781507	-	0.008262
Arhgap21	MmuINT0017968	chr2	20780768	20781344	-	0.018555
Arhgap21	MmuINT0017969	chr2	20780618	20780693	-	0.011279
Arhgap21	MmuINT0017970	chr2	20833929	20836258	-	0.006888
Arhgap21	MmuINT0017971	chr2	20777334	20780527	-	0.015521
Arhgap21	MmuINT0017972	chr2	20777023	20777207	-	0.032863
Arhgap21	MmuINT0017973	chr2	20776668	20776980	-	0.054772
Arhgap21	MmuINT0017974	chr2	20774697	20776561	-	0.037048
Arhgap21	MmuINT0017975	chr2	20772013	20774664	-	0.044353
Arhgap21	MmuINT0017976	chr2	20813805	20833903	-	0.012215
Arhgap21	MmuINT0017977	chr2	20811581	20813711	-	0.025792
Arhgap21	MmuINT0017978	chr2	20808788	20811501	-	0.016258
Arhgap21	MmuINT0017979	chr2	20804857	20808732	-	0.03889
Arhgap21	MmuINT0017980	chr2	20803479	20804826	-	0.029667
Arhgap21	MmuINT0017981	chr2	20793396	20801587	-	0.008073
Arhgap21	MmuINT0017982	chr2	20793122	20793236	-	0.007903
Arhgap22	MmuINT0017984	chr14	34180630	34182535	+	0.074562
Arhgap22	MmuINT0017992	chr14	34177701	34179755	+	0.204158
Arhgap23	MmuINT0017994	chr11	97327446	97327745	+	0.018092
Arhgap23	MmuINT0017995	chr11	97327902	97331681	+	0.026671
Arhgap23	MmuINT0017996	chr11	97331761	97336328	+	0.024539
Arhgap23	MmuINT0017997	chr11	97336403	97336637	+	0.023015

Arhgap23	MmuINT0017998	chr11	97336728	97337361	+	0.019843
Arhgap23	MmuINT0017999	chr11	97337488	97351385	+	0.027719
Arhgap23	MmuINT0018000	chr11	97351428	97352447	+	0.023873
Arhgap23	MmuINT0018001	chr11	97352545	97354364	+	0.133085
Arhgap23	MmuINT0018002	chr11	97354397	97361422	+	0.074142
Arhgap23	MmuINT0018003	chr11	97313859	97315178	+	0.017414
Arhgap23	MmuINT0018004	chr11	97315335	97315527	+	0.025625
Arhgap23	MmuINT0018005	chr11	97315640	97315759	+	0.035334
Arhgap23	MmuINT0018006	chr11	97315818	97317768	+	0.03546
Arhgap23	MmuINT0018007	chr11	97317913	97324697	+	0.047432
Arhgap23	MmuINT0018008	chr11	97325016	97326108	+	0.032702
Arhgap23	MmuINT0018009	chr11	97326171	97326372	+	0.035965
Arhgap23	MmuINT0018010	chr11	97326504	97327323	+	0.026415
Arhgap24	MmuINT0018015	chr5	1.03E+08	1.03E+08	+	0.012762
Arhgap24	MmuINT0018016	chr5	1.03E+08	1.03E+08	+	0.011667
Arhgap24	MmuINT0018017	chr5	1.03E+08	1.03E+08	+	0.014354
Arhgap24	MmuINT0018018	chr5	1.03E+08	1.03E+08	+	0.014318
Arhgap24	MmuINT0018019	chr5	1.03E+08	1.03E+08	+	0.011473
Arhgap24	MmuINT0018020	chr5	1.03E+08	1.03E+08	+	0.009768
Arhgap25	MmuINT0018022	chr6	87446107	87446216	-	0.560584
Arhgap25	MmuINT0018023	chr6	87410128	87412924	-	0.054027
Arhgap25	MmuINT0018024	chr6	87442260	87445906	-	0.062276
Arhgap25	MmuINT0018025	chr6	87438303	87442171	-	0.061063
Arhgap25	MmuINT0018027	chr6	87420640	87426136	-	0.065094
Arhgap25	MmuINT0018028	chr6	87417981	87420506	-	0.065347
Arhgap25	MmuINT0018029	chr6	87416589	87417906	-	0.059204
Arhgap25	MmuINT0018030	chr6	87415692	87416466	-	0.072298
Arhgap25	MmuINT0018031	chr6	87413458	87415494	-	0.171173
Arhgap26	MmuINT0018032	chr18	39153284	39257283	+	0.030983
Arhgap26	MmuINT0018033	chr18	39291805	39309693	+	0.012723
Arhgap26	MmuINT0018034	chr18	39309773	39364937	+	0.016029
Arhgap26	MmuINT0018035	chr18	39364975	39387021	+	0.014387
Arhgap26	MmuINT0018036	chr18	39387088	39389544	+	0.0188
Arhgap26	MmuINT0018037	chr18	39389620	39403259	+	0.022342
Arhgap26	MmuINT0018038	chr18	39403348	39404936	+	0.016753
Arhgap26	MmuINT0018039	chr18	39404996	39406472	+	0.014021
Arhgap26	MmuINT0018040	chr18	39406579	39446180	+	0.010377
Arhgap26	MmuINT0018041	chr18	39446341	39456438	+	0.011884
Arhgap26	MmuINT0018042	chr18	39456578	39466355	+	0.008655
Arhgap26	MmuINT0018043	chr18	39257380	39259225	+	0.016882
Arhgap26	MmuINT0018044	chr18	39466507	39517206	+	0.030075
Arhgap26	MmuINT0018046	chr18	39522863	39530727	+	0.012849
Arhgap26	MmuINT0018047	chr18	39259288	39261822	+	0.018996
Arhgap26	MmuINT0018048	chr18	39261895	39270108	+	0.021228
Arhgap26	MmuINT0018049	chr18	39270211	39271443	+	0.010875
Arhgap26	MmuINT0018050	chr18	39271555	39279772	+	0.016847
Arhgap26	MmuINT0018051	chr18	39279878	39281427	+	0.010721
Arhgap26	MmuINT0018052	chr18	39281558	39286486	+	0.017857
Arhgap26	MmuINT0018053	chr18	39286588	39291709	+	0.010831
Arhgap27	MmuINT0018055	chr11	1.03E+08	1.03E+08	-	0.035842



Arhgap27	MmuINT0018056	chr11	1.03E+08	1.03E+08	-	0.087899
Arhgap27	MmuINT0018057	chr11	1.03E+08	1.03E+08	-	0.081778
Arhgap27	MmuINT0018058	chr11	1.03E+08	1.03E+08	-	0.061959
Arhgap27	MmuINT0018059	chr11	1.03E+08	1.03E+08	-	0.038073
Arhgap27	MmuINT0018060	chr11	1.03E+08	1.03E+08	-	0.014556
Arhgap27	MmuINT0018061	chr11	1.03E+08	1.03E+08	-	0.028591
Arhgap27	MmuINT0018062	chr11	1.03E+08	1.03E+08	-	0.049242
Arhgap27	MmuINT0018063	chr11	1.03E+08	1.03E+08	-	0.035427
Arhgap27	MmuINT0018064	chr11	1.03E+08	1.03E+08	-	0.046767
Arhgap27	MmuINT0018065	chr11	1.03E+08	1.03E+08	-	0.396731
Arhgap27	MmuINT0018066	chr11	1.03E+08	1.03E+08	-	0.049302
Arhgap27	MmuINT0018067	chr11	1.03E+08	1.03E+08	-	0.05978
Arhgap27	MmuINT0018068	chr11	1.03E+08	1.03E+08	-	0.088642
Arhgap29	MmuINT0018087	chr3	1.22E+08	1.22E+08	+	0.00531
Arhgap29	MmuINT0018088	chr3	1.22E+08	1.22E+08	+	0.005147
Arhgap29	MmuINT0018089	chr3	1.22E+08	1.22E+08	+	0.007489
Arhgap29	MmuINT0018090	chr3	1.22E+08	1.22E+08	+	0.040649
Arhgap29	MmuINT0018091	chr3	1.22E+08	1.22E+08	+	0.011222
Arhgap29	MmuINT0018092	chr3	1.22E+08	1.22E+08	+	0.008592
Arhgap29	MmuINT0018093	chr3	1.22E+08	1.22E+08	+	0.005213
Arhgap29	MmuINT0018094	chr3	1.22E+08	1.22E+08	+	0.003874
Arhgap29	MmuINT0018095	chr3	1.22E+08	1.22E+08	+	0.008543
Arhgap29	MmuINT0018096	chr3	1.22E+08	1.22E+08	+	0.427238
Arhgap29	MmuINT0018097	chr3	1.22E+08	1.22E+08	+	0.023425
Arhgap29	MmuINT0018098	chr3	1.22E+08	1.22E+08	+	0.004689
Arhgap29	MmuINT0018099	chr3	1.22E+08	1.22E+08	+	0.007219
Arhgap29	MmuINT0018100	chr3	1.22E+08	1.22E+08	+	0.0064
Arhgap29	MmuINT0018101	chr3	1.22E+08	1.22E+08	+	0.008653
Arhgap29	MmuINT0018102	chr3	1.22E+08	1.22E+08	+	0.013752
Arhgap29	MmuINT0018103	chr3	1.22E+08	1.22E+08	+	0.01226
Arhgap29	MmuINT0018104	chr3	1.22E+08	1.22E+08	+	0.010332
Arhgap29	MmuINT0018105	chr3	1.22E+08	1.22E+08	+	0.010193
Arhgap29	MmuINT0018106	chr3	1.22E+08	1.22E+08	+	0.009264
Arhgap29	MmuINT0018107	chr3	1.22E+08	1.22E+08	+	0.006524
Arhgap30	MmuINT0018110	chr1	1.73E+08	1.73E+08	+	0.071076
Arhgap30	MmuINT0018118	chr1	1.73E+08	1.73E+08	+	0.279024
Arhgap31	MmuINT0018119	chr16	38640463	38712686	-	0.015814
Arhgap31	MmuINT0018120	chr16	38606993	38609015	-	0.011887
Arhgap31	MmuINT0018121	chr16	38603929	38606714	-	0.015311
Arhgap31	MmuINT0018122	chr16	38637155	38640359	-	0.020468
Arhgap31	MmuINT0018123	chr16	38625747	38637009	-	0.020668
Arhgap31	MmuINT0018124	chr16	38624768	38625663	-	0.050081
Arhgap31	MmuINT0018125	chr16	38624068	38624659	-	0.038225
Arhgap31	MmuINT0018126	chr16	38621206	38623924	-	0.024556
Arhgap31	MmuINT0018127	chr16	38618381	38621015	-	0.011533
Arhgap31	MmuINT0018128	chr16	38610933	38618255	-	0.016595
Arhgap32	MmuINT0018132	chr9	32046997	32052736	+	0.056643
Arhgap32	MmuINT0018133	chr9	32052840	32053502	+	0.054408
Arhgap32	MmuINT0018134	chr9	32053648	32054031	+	0.113135
Arhgap39	MmuINT0018186	chr15	76555923	76556352	-	0.079287

Arhgap39	MmuINT0018187	chr15	76555607	76555752	-	0.089579
Arhgap39	MmuINT0018191	chr15	76565869	76566885	-	0.032874
Arhgap39	MmuINT0018192	chr15	76560887	76565306	-	0.213113
Arhgap39	MmuINT0018193	chr15	76557907	76560793	-	0.368752
Arhgap39	MmuINT0018194	chr15	76557259	76557832	-	0.05846
Arhgap39	MmuINT0018195	chr15	76556445	76557058	-	0.043173
Arhgap4	MmuINT0018198	chrX	71144983	71145183	-	0.087403
Arhgap4	MmuINT0018201	chrX	71142998	71143092	-	0.050336
Arhgap4	MmuINT0018202	chrX	71142802	71142891	-	0.090356
Arhgap4	MmuINT0018214	chrX	71145523	71145616	-	0.731068
Arhgap42	MmuINT0018239	chr9	9009437	9011335	-	0.069932
Arhgap5	MmuINT0018254	chr12	53620955	53643475	+	0.006473
Arhgap5	MmuINT0018255	chr12	53643624	53658475	+	0.009729
Arhgap5	MmuINT0018256	chr12	53658554	53660954	+	0.000524
Arhgap5	MmuINT0018257	chr12	53661087	53663308	+	0.006079
Arhgap5	MmuINT0018258	chr12	53663415	53667997	+	0.007721
Arhgap6	MmuINT0018265	chrX	1.66E+08	1.66E+08	+	0.050228
Arhgap9	MmuINT0018285	chr10	1.27E+08	1.27E+08	+	0.079628
Arhgap9	MmuINT0018286	chr10	1.27E+08	1.27E+08	+	0.063945
Arhgap9	MmuINT0018287	chr10	1.27E+08	1.27E+08	+	0.161072
Arhgap9	MmuINT0018288	chr10	1.27E+08	1.27E+08	+	0.049246
Arhgap9	MmuINT0018289	chr10	1.27E+08	1.27E+08	+	0.162127
Arhgap9	MmuINT0018295	chr10	1.27E+08	1.27E+08	+	0.502891
Arhgap9	MmuINT0018296	chr10	1.27E+08	1.27E+08	+	0.145788
Arhgap9	MmuINT0018297	chr10	1.27E+08	1.27E+08	+	0.057966
Arhgdia	MmuINT0018298	chr11	1.2E+08	1.2E+08	-	0.010344
Arhgdia	MmuINT0018299	chr11	1.2E+08	1.2E+08	-	0.002464
Arhgdia	MmuINT0018300	chr11	1.2E+08	1.2E+08	-	0.005988
Arhgdia	MmuINT0018301	chr11	1.2E+08	1.2E+08	-	0.002015
Arhgdia	MmuINT0018302	chr11	1.2E+08	1.2E+08	-	0.00482
Arhgdib	MmuINT0018303	chr6	1.37E+08	1.37E+08	-	0.02851
Arhgdib	MmuINT0018304	chr6	1.37E+08	1.37E+08	-	0.024789
Arhgdib	MmuINT0018305	chr6	1.37E+08	1.37E+08	-	0.014319
Arhgdib	MmuINT0018306	chr6	1.37E+08	1.37E+08	-	0.021145
Arhgdib	MmuINT0018307	chr6	1.37E+08	1.37E+08	-	0.030275
Arhgef1	MmuINT0018318	chr7	25688148	25692734	+	0.090489
Arhgef1	MmuINT0018319	chr7	25698736	25701036	+	0.007509
Arhgef1	MmuINT0018320	chr7	25701073	25701819	+	0.02026
Arhgef1	MmuINT0018321	chr7	25703020	25704649	+	0.579301
Arhgef1	MmuINT0018322	chr7	25704796	25706889	+	0.037641
Arhgef1	MmuINT0018323	chr7	25707037	25707343	+	0.077856
Arhgef1	MmuINT0018324	chr7	25707427	25707559	+	0.028098
Arhgef1	MmuINT0018325	chr7	25707686	25707825	+	0.00504
Arhgef1	MmuINT0018326	chr7	25707941	25708028	+	0.008601
Arhgef1	MmuINT0018327	chr7	25708130	25708382	+	0.00742
Arhgef1	MmuINT0018328	chr7	25692777	25692872	+	0.011967
Arhgef1	MmuINT0018329	chr7	25708461	25708677	+	0.030843
Arhgef1	MmuINT0018330	chr7	25708754	25708821	+	0.007593
Arhgef1	MmuINT0018331	chr7	25708990	25709814	+	0.013675
Arhgef1	MmuINT0018332	chr7	25709903	25709994	+	0.007811

Arhgef1	MmuINT0018333	chr7	25710082	25710270	+	0.008434
Arhgef1	MmuINT0018334	chr7	25710339	25710419	+	0.006443
Arhgef1	MmuINT0018335	chr7	25710507	25710802	+	0.024471
Arhgef1	MmuINT0018336	chr7	25710967	25711042	+	0.010953
Arhgef1	MmuINT0018337	chr7	25711143	25711258	+	0.003587
Arhgef1	MmuINT0018338	chr7	25692954	25693329	+	0.013531
Arhgef1	MmuINT0018339	chr7	25693444	25697075	+	0.016401
Arhgef1	MmuINT0018340	chr7	25697175	25697328	+	0.082443
Arhgef1	MmuINT0018341	chr7	25697372	25697573	+	0.043249
Arhgef1	MmuINT0018342	chr7	25697821	25698158	+	0.015983
Arhgef1	MmuINT0018343	chr7	25698189	25698417	+	0.007375
Arhgef1	MmuINT0018344	chr7	25698518	25698638	+	0.005511
Arhgef10	MmuINT0018347	chr8	14945395	14947156	+	0.03441
Arhgef10	MmuINT0018348	chr8	14947264	14954434	+	0.048836
Arhgef10	MmuINT0018349	chr8	14954513	14954748	+	0.029273
Arhgef10	MmuINT0018350	chr8	14954929	14956862	+	0.027183
Arhgef10	MmuINT0018351	chr8	14956980	14958563	+	0.033514
Arhgef10	MmuINT0018352	chr8	14958657	14961114	+	0.036506
Arhgef10	MmuINT0018353	chr8	14961286	14962517	+	0.113041
Arhgef10	MmuINT0018354	chr8	14962664	14964086	+	0.027297
Arhgef10	MmuINT0018355	chr8	14964263	14974975	+	0.034453
Arhgef10	MmuINT0018356	chr8	14975092	14975569	+	0.02549
Arhgef10	MmuINT0018357	chr8	14925221	14928771	+	0.023497
Arhgef10	MmuINT0018358	chr8	14975698	14975887	+	0.03735
Arhgef10	MmuINT0018359	chr8	14975989	14977547	+	0.035349
Arhgef10	MmuINT0018360	chr8	14977670	14978436	+	0.022398
Arhgef10	MmuINT0018361	chr8	14978524	14979799	+	0.033932
Arhgef10	MmuINT0018362	chr8	14980027	14980551	+	0.01554
Arhgef10	MmuINT0018363	chr8	14980710	14983769	+	0.115071
Arhgef10	MmuINT0018364	chr8	14983913	14991059	+	0.034552
Arhgef10	MmuINT0018365	chr8	14991235	14997541	+	0.061881
Arhgef10	MmuINT0018366	chr8	14997665	14999318	+	0.020966
Arhgef10	MmuINT0018367	chr8	14928937	14929963	+	0.019565
Arhgef10	MmuINT0018368	chr8	14930246	14932356	+	0.031887
Arhgef10	MmuINT0018370	chr8	14934847	14936740	+	0.030916
Arhgef10l	MmuINT0018375	chr4	1.4E+08	1.4E+08	-	0.006444
Arhgef10l	MmuINT0018376	chr4	1.4E+08	1.4E+08	-	0.005399
Arhgef10l	MmuINT0018377	chr4	1.4E+08	1.4E+08	-	0.005527
Arhgef10l	MmuINT0018378	chr4	1.4E+08	1.4E+08	-	0.005031
Arhgef10l	MmuINT0018379	chr4	1.4E+08	1.4E+08	-	0.004304
Arhgef10l	MmuINT0018380	chr4	1.4E+08	1.4E+08	-	0.0238
Arhgef10l	MmuINT0018381	chr4	1.4E+08	1.4E+08	-	0.014511
Arhgef10l	MmuINT0018382	chr4	1.4E+08	1.4E+08	-	0.006613
Arhgef10l	MmuINT0018383	chr4	1.4E+08	1.4E+08	-	0.00515
Arhgef10l	MmuINT0018384	chr4	1.4E+08	1.4E+08	-	0.003873
Arhgef10l	MmuINT0018385	chr4	1.4E+08	1.4E+08	-	0.013783
Arhgef10l	MmuINT0018386	chr4	1.4E+08	1.4E+08	-	0.004856
Arhgef10l	MmuINT0018387	chr4	1.4E+08	1.4E+08	-	0.006911
Arhgef10l	MmuINT0018388	chr4	1.4E+08	1.4E+08	-	0.006711
Arhgef10l	MmuINT0018389	chr4	1.4E+08	1.4E+08	-	0.004661

Arhgef10l	MmuINT0018390	chr4	1.4E+08	1.4E+08	-	0.004596
Arhgef10l	MmuINT0018391	chr4	1.4E+08	1.4E+08	-	0.009556
Arhgef10l	MmuINT0018392	chr4	1.4E+08	1.4E+08	-	0.003704
Arhgef10l	MmuINT0018393	chr4	1.4E+08	1.4E+08	-	0.005784
Arhgef10l	MmuINT0018394	chr4	1.4E+08	1.4E+08	-	0.008783
Arhgef10l	MmuINT0018395	chr4	1.4E+08	1.4E+08	-	0.014657
Arhgef10l	MmuINT0018396	chr4	1.4E+08	1.4E+08	-	0.013604
Arhgef10l	MmuINT0018397	chr4	1.4E+08	1.4E+08	-	0.009405
Arhgef10l	MmuINT0018398	chr4	1.4E+08	1.4E+08	-	0.01032
Arhgef10l	MmuINT0018399	chr4	1.4E+08	1.4E+08	-	0.012808
Arhgef10l	MmuINT0018400	chr4	1.4E+08	1.4E+08	-	0.00527
Arhgef11	MmuINT0018405	chr3	87422715	87487407	+	0.027194
Arhgef11	MmuINT0018406	chr3	87501987	87502686	+	0.021098
Arhgef11	MmuINT0018407	chr3	87502825	87506079	+	0.022317
Arhgef11	MmuINT0018408	chr3	87506155	87506376	+	0.032119
Arhgef11	MmuINT0018409	chr3	87506479	87513485	+	0.021358
Arhgef11	MmuINT0018410	chr3	87513585	87515421	+	0.021591
Arhgef11	MmuINT0018411	chr3	87515465	87516932	+	0.026424
Arhgef11	MmuINT0018412	chr3	87517030	87517142	+	0.020413
Arhgef11	MmuINT0018413	chr3	87517266	87519906	+	0.014873
Arhgef11	MmuINT0018414	chr3	87519931	87520951	+	0.016388
Arhgef11	MmuINT0018415	chr3	87521097	87521345	+	0.027947
Arhgef11	MmuINT0018416	chr3	87487500	87488389	+	0.032692
Arhgef11	MmuINT0018417	chr3	87521443	87526278	+	0.020044
Arhgef11	MmuINT0018418	chr3	87526406	87529400	+	0.014362
Arhgef11	MmuINT0018419	chr3	87529581	87529658	+	0.012658
Arhgef11	MmuINT0018420	chr3	87529707	87529885	+	0.013283
Arhgef11	MmuINT0018421	chr3	87530074	87530293	+	0.012356
Arhgef11	MmuINT0018422	chr3	87530441	87531056	+	0.019146
Arhgef11	MmuINT0018423	chr3	87531137	87531291	+	0.016648
Arhgef11	MmuINT0018424	chr3	87531418	87531884	+	0.01562
Arhgef11	MmuINT0018425	chr3	87532003	87532437	+	0.017554
Arhgef11	MmuINT0018426	chr3	87532617	87533126	+	0.010322
Arhgef11	MmuINT0018427	chr3	87488489	87489920	+	0.022225
Arhgef11	MmuINT0018428	chr3	87533203	87533406	+	0.017577
Arhgef11	MmuINT0018429	chr3	87533575	87534330	+	0.041504
Arhgef11	MmuINT0018430	chr3	87534422	87535097	+	0.070033
Arhgef11	MmuINT0018431	chr3	87535224	87535703	+	0.013622
Arhgef11	MmuINT0018432	chr3	87535766	87536581	+	0.021709
Arhgef11	MmuINT0018433	chr3	87536795	87537069	+	0.009779
Arhgef11	MmuINT0018434	chr3	87537427	87538345	+	0.08071
Arhgef11	MmuINT0018435	chr3	87538475	87539266	+	0.035091
Arhgef11	MmuINT0018436	chr3	87539494	87539727	+	0.016744
Arhgef11	MmuINT0018437	chr3	87489971	87490836	+	0.042278
Arhgef11	MmuINT0018438	chr3	87490895	87491735	+	0.021575
Arhgef11	MmuINT0018439	chr3	87491915	87492700	+	0.013232
Arhgef11	MmuINT0018440	chr3	87492773	87499319	+	0.024072
Arhgef11	MmuINT0018441	chr3	87499440	87501266	+	0.037492
Arhgef11	MmuINT0018442	chr3	87501313	87501909	+	0.033432
Arhgef12	MmuINT0018443	chr9	42852371	42913261	-	0.003485

Arhgef12	MmuINT0018444	chr9	42824127	42826134	-	0.006572
Arhgef12	MmuINT0018445	chr9	42818337	42823985	-	0.00592
Arhgef12	MmuINT0018446	chr9	42816195	42818261	-	0.013401
Arhgef12	MmuINT0018447	chr9	42814030	42816098	-	0.007326
Arhgef12	MmuINT0018448	chr9	42813726	42813918	-	0.011549
Arhgef12	MmuINT0018449	chr9	42809984	42813626	-	0.022874
Arhgef12	MmuINT0018450	chr9	42809635	42809940	-	0.008385
Arhgef12	MmuINT0018451	chr9	42809190	42809528	-	0.003681
Arhgef12	MmuINT0018452	chr9	42808473	42809051	-	0.014156
Arhgef12	MmuINT0018453	chr9	42808146	42808439	-	0.014696
Arhgef12	MmuINT0018454	chr9	42850760	42852346	-	0.003118
Arhgef12	MmuINT0018455	chr9	42807255	42808030	-	0.005415
Arhgef12	MmuINT0018456	chr9	42805870	42807148	-	0.003531
Arhgef12	MmuINT0018457	chr9	42801205	42805656	-	0.004197
Arhgef12	MmuINT0018458	chr9	42800655	42801071	-	0.005097
Arhgef12	MmuINT0018459	chr9	42800112	42800618	-	0.003852
Arhgef12	MmuINT0018460	chr9	42798205	42799956	-	0.00329
Arhgef12	MmuINT0018461	chr9	42797129	42798057	-	0.003628
Arhgef12	MmuINT0018462	chr9	42794671	42797042	-	0.008804
Arhgef12	MmuINT0018463	chr9	42792572	42794544	-	0.003033
Arhgef12	MmuINT0018464	chr9	42790132	42792456	-	0.004769
Arhgef12	MmuINT0018465	chr9	42848680	42850673	-	0.007192
Arhgef12	MmuINT0018466	chr9	42787557	42790030	-	0.003805
Arhgef12	MmuINT0018467	chr9	42786365	42787478	-	0.007994
Arhgef12	MmuINT0018468	chr9	42785887	42786288	-	0.005781
Arhgef12	MmuINT0018469	chr9	42784204	42785718	-	0.004344
Arhgef12	MmuINT0018470	chr9	42783398	42784115	-	0.005705
Arhgef12	MmuINT0018471	chr9	42783196	42783310	-	0.005033
Arhgef12	MmuINT0018472	chr9	42782874	42783115	-	0.005152
Arhgef12	MmuINT0018473	chr9	42780549	42782639	-	0.006015
Arhgef12	MmuINT0018474	chr9	42779390	42780077	-	0.013191
Arhgef12	MmuINT0018475	chr9	42777866	42779075	-	0.022733
Arhgef12	MmuINT0018476	chr9	42835379	42848622	-	0.00666
Arhgef12	MmuINT0018477	chr9	42777276	42777795	-	0.008773
Arhgef12	MmuINT0018478	chr9	42834313	42835279	-	0.007544
Arhgef12	MmuINT0018479	chr9	42830956	42834262	-	0.09955
Arhgef12	MmuINT0018480	chr9	42828867	42830897	-	0.011242
Arhgef12	MmuINT0018481	chr9	42826496	42828687	-	0.004609
Arhgef12	MmuINT0018482	chr9	42826255	42826417	-	0.004213
Arhgef15	MmuINT0018483	chr11	68768576	68770347	-	0.083962
Arhgef15	MmuINT0018484	chr11	68761171	68761267	-	0.042061
Arhgef15	MmuINT0018486	chr11	68760639	68760737	-	0.096216
Arhgef15	MmuINT0018487	chr11	68760146	68760485	-	0.124242
Arhgef15	MmuINT0018488	chr11	68759973	68760062	-	0.147181
Arhgef15	MmuINT0018489	chr11	68758332	68759867	-	0.22482
Arhgef15	MmuINT0018490	chr11	68767665	68767919	-	0.012646
Arhgef15	MmuINT0018491	chr11	68767044	68767313	-	0.064605
Arhgef15	MmuINT0018492	chr11	68765472	68766988	-	0.12203
Arhgef15	MmuINT0018493	chr11	68765333	68765412	-	0.055196
Arhgef15	MmuINT0018494	chr11	68764995	68765120	-	0.008633

Arhgef15	MmuINT0018495	chr11	68764655	68764833	-	0.009201
Arhgef15	MmuINT0018496	chr11	68763603	68764501	-	0.009816
Arhgef15	MmuINT0018497	chr11	68761343	68763472	-	0.057098
Arhgef17	MmuINT0018512	chr7	1.08E+08	1.08E+08	-	0.009469
Arhgef17	MmuINT0018513	chr7	1.08E+08	1.08E+08	-	0.008782
Arhgef17	MmuINT0018514	chr7	1.08E+08	1.08E+08	-	0.006506
Arhgef17	MmuINT0018515	chr7	1.08E+08	1.08E+08	-	0.022314
Arhgef17	MmuINT0018516	chr7	1.08E+08	1.08E+08	-	0.007366
Arhgef17	MmuINT0018517	chr7	1.08E+08	1.08E+08	-	0.009127
Arhgef17	MmuINT0018518	chr7	1.08E+08	1.08E+08	-	0.009742
Arhgef17	MmuINT0018519	chr7	1.08E+08	1.08E+08	-	0.023038
Arhgef17	MmuINT0018520	chr7	1.08E+08	1.08E+08	-	0.007607
Arhgef17	MmuINT0018521	chr7	1.08E+08	1.08E+08	-	0.005417
Arhgef17	MmuINT0018522	chr7	1.08E+08	1.08E+08	-	0.008299
Arhgef17	MmuINT0018523	chr7	1.08E+08	1.08E+08	-	0.045738
Arhgef17	MmuINT0018524	chr7	1.08E+08	1.08E+08	-	0.007266
Arhgef17	MmuINT0018525	chr7	1.08E+08	1.08E+08	-	0.019429
Arhgef17	MmuINT0018526	chr7	1.08E+08	1.08E+08	-	0.012555
Arhgef17	MmuINT0018527	chr7	1.08E+08	1.08E+08	-	0.007307
Arhgef17	MmuINT0018528	chr7	1.08E+08	1.08E+08	-	0.015192
Arhgef17	MmuINT0018529	chr7	1.08E+08	1.08E+08	-	0.01913
Arhgef17	MmuINT0018530	chr7	1.08E+08	1.08E+08	-	0.016077
Arhgef17	MmuINT0018531	chr7	1.08E+08	1.08E+08	-	0.010003
Arhgef18	MmuINT0018532	chr8	3393103	3427348	+	0.028651
Arhgef18	MmuINT0018533	chr8	3445068	3447001	+	0.02297
Arhgef18	MmuINT0018534	chr8	3447091	3448382	+	0.024242
Arhgef18	MmuINT0018535	chr8	3448569	3450295	+	0.099378
Arhgef18	MmuINT0018536	chr8	3450437	3450780	+	0.09478
Arhgef18	MmuINT0018537	chr8	3450915	3451490	+	0.064167
Arhgef18	MmuINT0018538	chr8	3451539	3451630	+	0.076771
Arhgef18	MmuINT0018539	chr8	3451679	3451814	+	0.027138
Arhgef18	MmuINT0018540	chr8	3452286	3453037	+	0.016302
Arhgef18	MmuINT0018541	chr8	3453372	3454158	+	0.057314
Arhgef18	MmuINT0018542	chr8	3454285	3454371	+	0.065999
Arhgef18	MmuINT0018543	chr8	3427491	3429231	+	0.027234
Arhgef18	MmuINT0018544	chr8	3429345	3429498	+	0.021835
Arhgef18	MmuINT0018545	chr8	3429640	3432618	+	0.021361
Arhgef18	MmuINT0018546	chr8	3432870	3434871	+	0.027074
Arhgef18	MmuINT0018547	chr8	3434998	3436981	+	0.032029
Arhgef18	MmuINT0018548	chr8	3437100	3439486	+	0.02123
Arhgef18	MmuINT0018549	chr8	3439739	3441219	+	0.038177
Arhgef18	MmuINT0018550	chr8	3441297	3444888	+	0.017249
Arhgef19	MmuINT0018552	chr4	1.41E+08	1.41E+08	+	0.128678
Arhgef19	MmuINT0018553	chr4	1.41E+08	1.41E+08	+	0.046228
Arhgef19	MmuINT0018555	chr4	1.41E+08	1.41E+08	+	0.050918
Arhgef19	MmuINT0018556	chr4	1.41E+08	1.41E+08	+	0.012005
Arhgef19	MmuINT0018557	chr4	1.41E+08	1.41E+08	+	0.029482
Arhgef19	MmuINT0018558	chr4	1.41E+08	1.41E+08	+	0.035824
Arhgef19	MmuINT0018560	chr4	1.41E+08	1.41E+08	+	0.01673
Arhgef19	MmuINT0018561	chr4	1.41E+08	1.41E+08	+	0.148916

Arhgef19	MmuINT0018562	chr4	1.41E+08	1.41E+08	+	0.141494
Arhgef19	MmuINT0018563	chr4	1.41E+08	1.41E+08	+	0.141626
Arhgef19	MmuINT0018564	chr4	1.41E+08	1.41E+08	+	0.062332
Arhgef19	MmuINT0018565	chr4	1.41E+08	1.41E+08	+	0.072075
Arhgef19	MmuINT0018566	chr4	1.41E+08	1.41E+08	+	0.060923
Arhgef2	MmuINT0018567	chr3	88425244	88433708	+	0.043
Arhgef2	MmuINT0018568	chr3	88439641	88439776	+	0.011785
Arhgef2	MmuINT0018569	chr3	88440026	88442192	+	0.08405
Arhgef2	MmuINT0018570	chr3	88442270	88443244	+	0.011792
Arhgef2	MmuINT0018571	chr3	88443415	88444204	+	0.0308
Arhgef2	MmuINT0018572	chr3	88444273	88446347	+	0.021243
Arhgef2	MmuINT0018573	chr3	88446549	88446847	+	0.02835
Arhgef2	MmuINT0018574	chr3	88446962	88447070	+	0.059871
Arhgef2	MmuINT0018575	chr3	88447139	88447266	+	0.0311
Arhgef2	MmuINT0018576	chr3	88447303	88447483	+	0.033055
Arhgef2	MmuINT0018577	chr3	88447535	88447711	+	0.027855
Arhgef2	MmuINT0018578	chr3	88433854	88435832	+	0.013953
Arhgef2	MmuINT0018579	chr3	88448156	88450098	+	0.041831
Arhgef2	MmuINT0018580	chr3	88450283	88450711	+	0.009317
Arhgef2	MmuINT0018581	chr3	88435901	88436197	+	0.054655
Arhgef2	MmuINT0018582	chr3	88436262	88436834	+	0.076751
Arhgef2	MmuINT0018583	chr3	88436965	88437179	+	0.181003
Arhgef2	MmuINT0018584	chr3	88437290	88437421	+	0.057261
Arhgef2	MmuINT0018585	chr3	88437569	88438331	+	0.016055
Arhgef2	MmuINT0018586	chr3	88438583	88438904	+	0.015191
Arhgef2	MmuINT0018587	chr3	88439031	88439522	+	0.015836
Arhgef3	MmuINT0018588	chr14	28051340	28078708	+	0.050198
Arhgef3	MmuINT0018589	chr14	28213638	28214815	+	0.024295
Arhgef3	MmuINT0018590	chr14	28078772	28175975	+	0.018956
Arhgef3	MmuINT0018591	chr14	28176084	28192776	+	0.016606
Arhgef3	MmuINT0018592	chr14	28192948	28197339	+	0.02946
Arhgef3	MmuINT0018593	chr14	28197403	28199030	+	0.016386
Arhgef3	MmuINT0018594	chr14	28199128	28199278	+	0.020101
Arhgef3	MmuINT0018595	chr14	28199356	28207118	+	0.017041
Arhgef3	MmuINT0018596	chr14	28207377	28210748	+	0.013576
Arhgef3	MmuINT0018597	chr14	28210920	28213450	+	0.028333
Arhgef37	MmuINT0018616	chr18	61659555	61661459	-	0.040614
Arhgef37	MmuINT0018617	chr18	61657907	61659358	-	0.157656
Arhgef37	MmuINT0018618	chr18	61654704	61657745	-	0.027575
Arhgef37	MmuINT0018619	chr18	61682354	61683460	-	0.044099
Arhgef37	MmuINT0018623	chr18	61666172	61666851	-	0.050448
Arhgef37	MmuINT0018624	chr18	61665437	61666066	-	0.058641
Arhgef37	MmuINT0018625	chr18	61664239	61665325	-	0.064959
Arhgef37	MmuINT0018626	chr18	61661589	61663908	-	0.074533
Arhgef5	MmuINT0018639	chr6	43215743	43222303	+	0.072458
Arhgef5	MmuINT0018640	chr6	43231512	43233172	+	0.034924
Arhgef5	MmuINT0018641	chr6	43233331	43233891	+	0.114625
Arhgef5	MmuINT0018642	chr6	43234054	43235357	+	0.260977
Arhgef5	MmuINT0018643	chr6	43235429	43237538	+	0.01642
Arhgef5	MmuINT0018644	chr6	43237644	43238612	+	0.014375

Arhgef5	MmuINT0018645	chr6	43225425	43225938	+	0.019508
Arhgef5	MmuINT0018646	chr6	43225997	43226535	+	0.024342
Arhgef5	MmuINT0018647	chr6	43226598	43226802	+	0.041227
Arhgef5	MmuINT0018648	chr6	43227057	43229441	+	0.016774
Arhgef5	MmuINT0018649	chr6	43229603	43230159	+	0.03342
Arhgef5	MmuINT0018650	chr6	43230313	43230596	+	0.018512
Arhgef5	MmuINT0018651	chr6	43230727	43230949	+	0.015311
Arhgef5	MmuINT0018652	chr6	43231025	43231421	+	0.025395
Arhgef6	MmuINT0018654	chrX	54504527	54509297	-	0.007115
Arhgef6	MmuINT0018655	chrX	54502287	54504466	-	0.006903
Arhgef6	MmuINT0018656	chrX	54499651	54502139	-	0.013032
Arhgef6	MmuINT0018657	chrX	54498808	54499563	-	0.007706
Arhgef6	MmuINT0018658	chrX	54497928	54498728	-	0.007456
Arhgef6	MmuINT0018659	chrX	54496693	54497781	-	0.070476
Arhgef6	MmuINT0018660	chrX	54495004	54496566	-	0.069605
Arhgef6	MmuINT0018661	chrX	54493865	54494982	-	0.101738
Arhgef6	MmuINT0018662	chrX	54492421	54493770	-	0.019522
Arhgef6	MmuINT0018663	chrX	54490263	54492342	-	0.013089
Arhgef6	MmuINT0018665	chrX	54488089	54490162	-	0.010687
Arhgef6	MmuINT0018667	chrX	54555609	54557742	-	0.006771
Arhgef6	MmuINT0018668	chrX	54552839	54555486	-	0.005676
Arhgef6	MmuINT0018669	chrX	54542469	54552636	-	0.010212
Arhgef6	MmuINT0018670	chrX	54533484	54542397	-	0.009114
Arhgef6	MmuINT0018671	chrX	54529151	54533388	-	0.009604
Arhgef6	MmuINT0018672	chrX	54527195	54529054	-	0.00915
Arhgef6	MmuINT0018673	chrX	54509437	54527071	-	0.007881
Arhgef7	MmuINT0018675	chr8	11809577	11810250	+	0.00305
Arhgef7	MmuINT0018676	chr8	11810398	11812596	+	0.004392
Arhgef7	MmuINT0018677	chr8	11812684	11814942	+	0.005293
Arhgef7	MmuINT0018678	chr8	11815022	11815160	+	0.002873
Arhgef7	MmuINT0018679	chr8	11815301	11817659	+	0.01393
Arhgef7	MmuINT0018680	chr8	11817885	11819637	+	0.012873
Arhgef7	MmuINT0018681	chr8	11819732	11821959	+	0.004271
Arhgef7	MmuINT0018682	chr8	11822050	11831492	+	0.017661
Arhgef7	MmuINT0018683	chr8	11831593	11831894	+	0.00276
Arhgef7	MmuINT0018684	chr8	11831950	11832969	+	0.004265
Arhgef7	MmuINT0018685	chr8	11781240	11782524	+	0.015772
Arhgef7	MmuINT0018686	chr8	11782656	11785712	+	0.002419
Arhgef7	MmuINT0018687	chr8	11785915	11791455	+	0.004206
Arhgef7	MmuINT0018688	chr8	11791545	11800459	+	0.004699
Arhgef7	MmuINT0018689	chr8	11800555	11800772	+	0.00391
Arhgef7	MmuINT0018690	chr8	11800869	11805200	+	0.005164
Arhgef7	MmuINT0018691	chr8	11805324	11808715	+	0.004283
Arhgef7	MmuINT0018692	chr8	11808855	11809516	+	0.00423
Arhgef9	MmuINT0018693	chrX	92361310	92361762	-	0.969152
Arhgef9	MmuINT0018696	chrX	92307886	92326174	-	0.020375
Arhgef9	MmuINT0018697	chrX	92296476	92307693	-	0.012615
Arhgef9	MmuINT0018698	chrX	92277050	92296295	-	0.018963
Arhgef9	MmuINT0018699	chrX	92272908	92276816	-	0.014184
Arhgef9	MmuINT0018700	chrX	92266644	92272777	-	0.016645



Arhgef9	MmuINT0018701	chrX	92254400	92266511	-	0.012969
Arhgef9	MmuINT0018702	chrX	92250351	92254155	-	0.017397
Arid1a	MmuINT0018703	chr4	1.33E+08	1.33E+08	-	0.039755
Arid1a	MmuINT0018704	chr4	1.33E+08	1.33E+08	-	0.018388
Arid1a	MmuINT0018705	chr4	1.33E+08	1.33E+08	-	0.020448
Arid1a	MmuINT0018706	chr4	1.33E+08	1.33E+08	-	0.012972
Arid1a	MmuINT0018708	chr4	1.33E+08	1.33E+08	-	0.026553
Arid1a	MmuINT0018709	chr4	1.33E+08	1.33E+08	-	0.013238
Arid1a	MmuINT0018711	chr4	1.33E+08	1.33E+08	-	0.011565
Arid1a	MmuINT0018712	chr4	1.33E+08	1.33E+08	-	0.053262
Arid1a	MmuINT0018713	chr4	1.33E+08	1.33E+08	-	0.070812
Arid1a	MmuINT0018714	chr4	1.33E+08	1.33E+08	-	0.013429
Arid1a	MmuINT0018715	chr4	1.33E+08	1.33E+08	-	0.017835
Arid1a	MmuINT0018716	chr4	1.33E+08	1.33E+08	-	0.010457
Arid1a	MmuINT0018717	chr4	1.33E+08	1.33E+08	-	0.015263
Arid1a	MmuINT0018718	chr4	1.33E+08	1.33E+08	-	0.042519
Arid1a	MmuINT0018719	chr4	1.33E+08	1.33E+08	-	0.015357
Arid1a	MmuINT0018720	chr4	1.33E+08	1.33E+08	-	0.010249
Arid1a	MmuINT0018721	chr4	1.33E+08	1.33E+08	-	0.012609
Arid1b	MmuINT0018722	chr17	4996493	5040579	+	0.028138
Arid1b	MmuINT0018723	chr17	5311945	5313873	+	0.011884
Arid1b	MmuINT0018724	chr17	5314033	5318640	+	0.015378
Arid1b	MmuINT0018725	chr17	5318851	5321272	+	0.014566
Arid1b	MmuINT0018726	chr17	5321478	5327275	+	0.020055
Arid1b	MmuINT0018727	chr17	5327415	5327648	+	0.014071
Arid1b	MmuINT0018728	chr17	5327822	5332486	+	0.014283
Arid1b	MmuINT0018729	chr17	5332638	5334963	+	0.015865
Arid1b	MmuINT0018730	chr17	5335061	5336524	+	0.012483
Arid1b	MmuINT0018731	chr17	5337309	5339215	+	0.009187
Arid1b	MmuINT0018732	chr17	5339347	5341362	+	0.012465
Arid1b	MmuINT0018733	chr17	5040775	5097573	+	0.02322
Arid1b	MmuINT0018734	chr17	5097733	5126913	+	0.018796
Arid1b	MmuINT0018735	chr17	5127025	5242827	+	0.034784
Arid1b	MmuINT0018736	chr17	5243072	5264031	+	0.016339
Arid1b	MmuINT0018737	chr17	5264122	5279202	+	0.019093
Arid1b	MmuINT0018738	chr17	5279383	5290955	+	0.01642
Arid1b	MmuINT0018739	chr17	5291284	5305748	+	0.013352
Arid1b	MmuINT0018740	chr17	5305895	5311834	+	0.022568
Arid2	MmuINT0018741	chr15	96118218	96118324	+	0.059864
Arid2	MmuINT0018742	chr15	96193133	96194025	+	0.023417
Arid2	MmuINT0018743	chr15	96194194	96197263	+	0.050167
Arid2	MmuINT0018744	chr15	96197346	96199083	+	0.032418
Arid2	MmuINT0018745	chr15	96199219	96199786	+	0.025691
Arid2	MmuINT0018746	chr15	96199984	96200350	+	0.014036
Arid2	MmuINT0018747	chr15	96203194	96209244	+	0.037764
Arid2	MmuINT0018748	chr15	96209394	96221306	+	0.066741
Arid2	MmuINT0018749	chr15	96221446	96221534	+	0.016975
Arid2	MmuINT0018750	chr15	96221621	96222785	+	0.071975
Arid2	MmuINT0018751	chr15	96222910	96223003	+	0.025921
Arid2	MmuINT0018752	chr15	96118419	96119485	+	0.056748

Arid2	MmuINT0018753	chr15	96223096	96232383	+	0.119864
Arid2	MmuINT0018754	chr15	96119584	96180423	+	0.035765
Arid2	MmuINT0018755	chr15	96180558	96187123	+	0.035335
Arid2	MmuINT0018756	chr15	96187343	96189350	+	0.027554
Arid2	MmuINT0018757	chr15	96189419	96192004	+	0.030396
Arid2	MmuINT0018758	chr15	96192072	96192163	+	0.027791
Arid2	MmuINT0018759	chr15	96192415	96192747	+	0.024342
Arid2	MmuINT0018760	chr15	96192845	96192922	+	0.03176
Arid3b	MmuINT0018769	chr9	57658288	57681422	-	0.035445
Arid3b	MmuINT0018774	chr9	57642842	57643913	-	0.168338
Arid3b	MmuINT0018775	chr9	57640493	57642742	-	0.352272
Arid4a	MmuINT0018783	chr12	72117149	72118077	+	0.256031
Arid4a	MmuINT0018784	chr12	72147178	72148180	+	0.037111
Arid4a	MmuINT0018785	chr12	72148348	72161048	+	0.028996
Arid4a	MmuINT0018787	chr12	72162364	72162517	+	0.026629
Arid4a	MmuINT0018788	chr12	72162616	72164079	+	0.020667
Arid4a	MmuINT0018789	chr12	72164312	72168065	+	0.016146
Arid4a	MmuINT0018790	chr12	72168326	72170820	+	0.028935
Arid4a	MmuINT0018791	chr12	72171019	72172794	+	0.017767
Arid4a	MmuINT0018792	chr12	72172880	72173576	+	0.01964
Arid4a	MmuINT0018793	chr12	72173719	72175922	+	0.025274
Arid4a	MmuINT0018795	chr12	72177057	72177429	+	0.014622
Arid4a	MmuINT0018796	chr12	72177535	72187441	+	0.045605
Arid4a	MmuINT0018797	chr12	72187649	72188447	+	0.015506
Arid4a	MmuINT0018798	chr12	72188595	72198487	+	0.025851
Arid4a	MmuINT0018799	chr12	72120472	72123179	+	0.0258
Arid4a	MmuINT0018801	chr12	72124578	72138096	+	0.036613
Arid4a	MmuINT0018802	chr12	72138177	72138257	+	0.03072
Arid4a	MmuINT0018803	chr12	72138353	72140825	+	0.019531
Arid4a	MmuINT0018804	chr12	72140959	72146010	+	0.029792
Arid4a	MmuINT0018805	chr12	72146091	72147100	+	0.038483
Arid4b	MmuINT0018806	chr13	14156300	14157091	+	0.07271
Arid4b	MmuINT0018807	chr13	14245760	14247247	+	0.030138
Arid4b	MmuINT0018808	chr13	14247403	14250040	+	0.0276
Arid4b	MmuINT0018809	chr13	14250114	14252444	+	0.034062
Arid4b	MmuINT0018810	chr13	14252540	14253564	+	0.032247
Arid4b	MmuINT0018811	chr13	14253663	14256375	+	0.028745
Arid4b	MmuINT0018812	chr13	14256617	14257033	+	0.019572
Arid4b	MmuINT0018813	chr13	14257210	14262185	+	0.020881
Arid4b	MmuINT0018814	chr13	14262447	14273486	+	0.035372
Arid4b	MmuINT0018815	chr13	14273572	14276573	+	0.021878
Arid4b	MmuINT0018816	chr13	14276773	14279083	+	0.019996
Arid4b	MmuINT0018817	chr13	14157147	14212407	+	0.049714
Arid4b	MmuINT0018818	chr13	14280299	14283409	+	0.027856
Arid4b	MmuINT0018819	chr13	14283524	14285632	+	0.08415
Arid4b	MmuINT0018820	chr13	14285849	14287596	+	0.027965
Arid4b	MmuINT0018821	chr13	14287744	14289872	+	0.031253
Arid4b	MmuINT0018822	chr13	14212519	14218717	+	0.023799
Arid4b	MmuINT0018823	chr13	14218784	14221441	+	0.042037
Arid4b	MmuINT0018824	chr13	14221533	14224702	+	0.035731

Arid4b	MmuINT0018825	chr13	14224783	14228434	+	0.030436
Arid4b	MmuINT0018826	chr13	14228527	14235246	+	0.028332
Arid4b	MmuINT0018827	chr13	14235386	14237553	+	0.024306
Arid4b	MmuINT0018828	chr13	14237634	14245682	+	0.038494
Arid5a	MmuINT0018831	chr1	36374170	36374454	+	0.161683
Arid5a	MmuINT0018835	chr1	36375027	36375332	+	0.13892
Arid5a	MmuINT0018836	chr1	36375499	36375836	+	0.033176
Arid5b	MmuINT0018842	chr10	67591742	67597741	-	0.033144
Arid5b	MmuINT0018843	chr10	67589500	67591536	-	0.049885
Arid5b	MmuINT0018844	chr10	67581097	67589446	-	0.073343
Arid5b	MmuINT0018845	chr10	67564842	67580998	-	0.048021
Arid5b	MmuINT0018846	chr10	67561418	67564642	-	0.019705
Arih1	MmuINT0018847	chr9	59302277	59333785	-	0.022451
Arih1	MmuINT0018848	chr9	59251233	59253531	-	0.007314
Arih1	MmuINT0018849	chr9	59244419	59251174	-	0.008685
Arih1	MmuINT0018850	chr9	59242798	59244157	-	0.004064
Arih1	MmuINT0018851	chr9	59241186	59242684	-	0.00562
Arih1	MmuINT0018852	chr9	59284723	59302208	-	0.005193
Arih1	MmuINT0018853	chr9	59274514	59284577	-	0.003165
Arih1	MmuINT0018854	chr9	59273986	59274420	-	0.012997
Arih1	MmuINT0018856	chr9	59260339	59262576	-	0.006562
Arih1	MmuINT0018857	chr9	59256225	59260231	-	0.007034
Arih1	MmuINT0018858	chr9	59255755	59256181	-	0.006612
Arih1	MmuINT0018859	chr9	59253663	59255682	-	0.037061
Arih2	MmuINT0018872	chr9	1.09E+08	1.09E+08	-	0.007655
Arih2	MmuINT0018874	chr9	1.09E+08	1.09E+08	-	0.001449
Arl1	MmuINT0018875	chr10	88194310	88196287	+	0.001423
Arl1	MmuINT0018877	chr10	88198725	88199835	+	0.000584
Arl10	MmuINT0018880	chr13	54676639	54677110	+	0.044413
Arl10	MmuINT0018881	chr13	54677310	54680153	+	0.103341
Arl10	MmuINT0018882	chr13	54680330	54682081	+	0.269676
Arl13b	MmuINT0018893	chr16	62830640	62846510	-	0.037997
Arl13b	MmuINT0018894	chr16	62827240	62830568	-	0.036548
Arl13b	MmuINT0018895	chr16	62813091	62826989	-	0.021849
Arl13b	MmuINT0018896	chr16	62811878	62812984	-	0.025688
Arl13b	MmuINT0018897	chr16	62806474	62811674	-	0.024897
Arl13b	MmuINT0018899	chr16	62802663	62803662	-	0.035176
Arl13b	MmuINT0018901	chr16	62795535	62801547	-	0.291258
Arl15	MmuINT0018903	chr13	1.15E+08	1.15E+08	+	0.033116
Arl15	MmuINT0018905	chr13	1.15E+08	1.15E+08	+	0.022907
Arl16	MmuINT0018906	chr11	1.2E+08	1.2E+08	-	0.051195
Arl16	MmuINT0018907	chr11	1.2E+08	1.2E+08	-	0.059642
Arl16	MmuINT0018908	chr11	1.2E+08	1.2E+08	-	0.072487
Arl16	MmuINT0018909	chr11	1.2E+08	1.2E+08	-	0.074861
Arl2	MmuINT0018910	chr19	6137841	6141036	-	0.007029
Arl2	MmuINT0018911	chr19	6137641	6137729	-	0.002141
Arl2	MmuINT0018912	chr19	6136060	6137477	-	0.021207
Arl2	MmuINT0018913	chr19	6134802	6135978	-	0.01379
Arl2bp	MmuINT0018915	chr8	97191131	97191496	+	0.0309
Arl2bp	MmuINT0018916	chr8	97191559	97194220	+	0.004455

Arl2bp	MmuINT0018917	chr8	97194328	97195194	+	0.004103
Arl2bp	MmuINT0018918	chr8	97195281	97195961	+	0.002161
Arl2bp	MmuINT0018919	chr8	97196059	97196916	+	0.001892
Arl3	MmuINT0018920	chr19	46632872	46647529	-	0.027371
Arl3	MmuINT0018921	chr19	46626180	46632727	-	0.002029
Arl3	MmuINT0018922	chr19	46618023	46626062	-	0.002284
Arl3	MmuINT0018923	chr19	46617028	46617971	-	0.001742
Arl3	MmuINT0018924	chr19	46605877	46616841	-	0.016119
Arl4a	MmuINT0018926	chr12	40763421	40763849	-	0.028924
Arl4d	MmuINT0018927	chr11	1.02E+08	1.02E+08	+	0.018999
Arl5a	MmuINT0018928	chr2	52272217	52280109	-	0.022825
Arl5a	MmuINT0018929	chr2	52271732	52272155	-	0.028453
Arl5a	MmuINT0018930	chr2	52267666	52271583	-	0.059674
Arl5a	MmuINT0018931	chr2	52260578	52267581	-	0.011213
Arl5a	MmuINT0018932	chr2	52257953	52260425	-	0.01051
Arl5b	MmuINT0018933	chr2	14977202	14989765	+	0.036299
Arl5b	MmuINT0018934	chr2	14989827	14991446	+	0.050205
Arl5b	MmuINT0018935	chr2	14991595	14994750	+	0.052557
Arl5b	MmuINT0018936	chr2	14994835	14996588	+	0.032398
Arl5b	MmuINT0018937	chr2	14996741	14997882	+	0.025736
Arl6	MmuINT0018943	chr16	59632287	59638755	-	0.01837
Arl6	MmuINT0018944	chr16	59624168	59632136	-	0.020659
Arl6	MmuINT0018945	chr16	59623773	59624105	-	0.032865
Arl6	MmuINT0018946	chr16	59622942	59623703	-	0.045517
Arl6	MmuINT0018947	chr16	59621175	59622846	-	0.02362
Arl6	MmuINT0018948	chr16	59618677	59621044	-	0.032233
Arl6	MmuINT0018949	chr16	59613671	59618620	-	0.054723
Arl6ip1	MmuINT0018950	chr7	1.25E+08	1.25E+08	-	0.012091
Arl6ip1	MmuINT0018951	chr7	1.25E+08	1.25E+08	-	0.009371
Arl6ip1	MmuINT0018952	chr7	1.25E+08	1.25E+08	-	0.018735
Arl6ip1	MmuINT0018954	chr7	1.25E+08	1.25E+08	-	0.016783
Arl6ip4	MmuINT0018955	chr5	1.25E+08	1.25E+08	+	0.017531
Arl6ip4	MmuINT0018956	chr5	1.25E+08	1.25E+08	+	0.026592
Arl6ip4	MmuINT0018957	chr5	1.25E+08	1.25E+08	+	0.039466
Arl6ip4	MmuINT0018958	chr5	1.25E+08	1.25E+08	+	0.039121
Arl6ip5	MmuINT0018959	chr6	97160991	97179530	+	0.00635
Arl6ip5	MmuINT0018960	chr6	97179749	97182393	+	0.005334
Arl6ip6	MmuINT0018961	chr2	53051557	53053317	+	0.100767
Arl6ip6	MmuINT0018962	chr2	53053372	53061952	+	0.025266
Arl6ip6	MmuINT0018963	chr2	53062086	53076328	+	0.011939
Arl8a	MmuINT0018964	chr1	1.37E+08	1.37E+08	+	0.05301
Arl8a	MmuINT0018965	chr1	1.37E+08	1.37E+08	+	0.028735
Arl8a	MmuINT0018966	chr1	1.37E+08	1.37E+08	+	0.032057
Arl8a	MmuINT0018967	chr1	1.37E+08	1.37E+08	+	0.03575
Arl8a	MmuINT0018968	chr1	1.37E+08	1.37E+08	+	0.029709
Arl8a	MmuINT0018969	chr1	1.37E+08	1.37E+08	+	0.017343
Arl8b	MmuINT0018970	chr6	1.09E+08	1.09E+08	+	0.003705
Arl8b	MmuINT0018971	chr6	1.09E+08	1.09E+08	+	0.003421
Arl8b	MmuINT0018972	chr6	1.09E+08	1.09E+08	+	0.002749
Arl8b	MmuINT0018973	chr6	1.09E+08	1.09E+08	+	0.003883

Arl8b	MmuINT0018974	chr6	1.09E+08	1.09E+08	+	0.00378
Arl8b	MmuINT0018975	chr6	1.09E+08	1.09E+08	+	0.006504
Armc1	MmuINT0018979	chr3	19057693	19062909	-	0.005173
Armc1	MmuINT0018980	chr3	19049578	19057471	-	0.004495
Armc1	MmuINT0018981	chr3	19044520	19049485	-	0.004874
Armc1	MmuINT0018982	chr3	19035124	19044329	-	0.010657
Armc1	MmuINT0018983	chr3	19034918	19035006	-	0.013601
Armc1	MmuINT0018984	chr3	19034224	19034842	-	0.009787
Armc2	MmuINT0018994	chr10	41644340	41646605	-	0.119919
Armc2	MmuINT0018998	chr10	41637026	41641927	-	0.005508
Armc5	MmuINT0019046	chr7	1.35E+08	1.35E+08	+	0.026651
Armc5	MmuINT0019047	chr7	1.35E+08	1.35E+08	+	0.020857
Armc5	MmuINT0019048	chr7	1.35E+08	1.35E+08	+	0.107508
Armc5	MmuINT0019049	chr7	1.35E+08	1.35E+08	+	0.158473
Armc5	MmuINT0019050	chr7	1.35E+08	1.35E+08	+	0.085631
Armc6	MmuINT0019051	chr8	72755306	72758008	-	0.043973
Armc6	MmuINT0019052	chr8	72753510	72755178	-	0.037279
Armc6	MmuINT0019053	chr8	72749373	72753426	-	0.020625
Armc6	MmuINT0019054	chr8	72747589	72748798	-	0.08667
Armc6	MmuINT0019055	chr8	72746549	72747442	-	0.198598
Armc6	MmuINT0019056	chr8	72746143	72746416	-	0.061403
Armc6	MmuINT0019057	chr8	72744777	72746004	-	0.055961
Armc7	MmuINT0019059	chr11	1.15E+08	1.15E+08	+	0.051067
Armc8	MmuINT0019060	chr9	99452039	99469020	-	0.019077
Armc8	MmuINT0019061	chr9	99423759	99425771	-	0.013021
Armc8	MmuINT0019062	chr9	99438179	99451961	-	0.051306
Armc8	MmuINT0019063	chr9	99436725	99438106	-	0.011459
Armc8	MmuINT0019064	chr9	99436312	99436581	-	0.009315
Armc8	MmuINT0019065	chr9	99433610	99436213	-	0.012376
Armc8	MmuINT0019066	chr9	99429831	99433516	-	0.014719
Armc8	MmuINT0019067	chr9	99427574	99429749	-	0.013412
Armc8	MmuINT0019068	chr9	99427401	99427497	-	0.014959
Armc8	MmuINT0019069	chr9	99425833	99427309	-	0.017674
Armc8	MmuINT0019070	chr9	99405766	99406068	-	0.04935
Armc8	MmuINT0019071	chr9	99403018	99405683	-	0.06097
Armc8	MmuINT0019072	chr9	99399805	99402930	-	0.015527
Armc8	MmuINT0019073	chr9	99397812	99399711	-	0.012086
Armc8	MmuINT0019074	chr9	99396666	99397661	-	0.010062
Armc8	MmuINT0019075	chr9	99388379	99396569	-	0.013459
Armc8	MmuINT0019076	chr9	99384458	99388282	-	0.014004
Armc8	MmuINT0019077	chr9	99383613	99384384	-	0.013299
Armc8	MmuINT0019078	chr9	99381197	99383518	-	0.010456
Armc9	MmuINT0019080	chr1	88085564	88087584	+	0.047035
Armc9	MmuINT0019090	chr1	88141246	88148851	+	0.063652
Armcx1	MmuINT0019104	chrX	1.31E+08	1.31E+08	+	0.048769
Arnt	MmuINT0019123	chr3	95238484	95252293	+	0.011006
Arnt	MmuINT0019124	chr3	95287771	95288780	+	0.015511
Arnt	MmuINT0019125	chr3	95288916	95291170	+	0.010725
Arnt	MmuINT0019126	chr3	95291246	95292276	+	0.016758
Arnt	MmuINT0019127	chr3	95292429	95293513	+	0.008282

Arnt	MmuINT0019128	chr3	95293625	95293802	+	0.009754
Arnt	MmuINT0019129	chr3	95293879	95294176	+	0.009701
Arnt	MmuINT0019130	chr3	95294301	95294474	+	0.025341
Arnt	MmuINT0019131	chr3	95294578	95294944	+	0.04041
Arnt	MmuINT0019132	chr3	95295093	95297619	+	0.037923
Arnt	MmuINT0019133	chr3	95297783	95298368	+	0.02634
Arnt	MmuINT0019134	chr3	95252406	95256506	+	0.015876
Arnt	MmuINT0019135	chr3	95298536	95299225	+	0.021136
Arnt	MmuINT0019136	chr3	95256552	95264298	+	0.014631
Arnt	MmuINT0019137	chr3	95264344	95274098	+	0.1066
Arnt	MmuINT0019138	chr3	95274313	95278460	+	0.028624
Arnt	MmuINT0019139	chr3	95278675	95280001	+	0.009517
Arnt	MmuINT0019140	chr3	95280105	95284116	+	0.013054
Arnt	MmuINT0019141	chr3	95284183	95284675	+	0.015948
Arnt	MmuINT0019142	chr3	95284762	95287693	+	0.009403
Arntl	MmuINT0019161	chr7	1.2E+08	1.2E+08	+	0.056758
Arntl	MmuINT0019162	chr7	1.2E+08	1.2E+08	+	0.029424
Arntl	MmuINT0019163	chr7	1.2E+08	1.2E+08	+	0.036346
Arntl	MmuINT0019164	chr7	1.2E+08	1.2E+08	+	0.035821
Arntl	MmuINT0019165	chr7	1.2E+08	1.2E+08	+	0.020726
Arntl	MmuINT0019166	chr7	1.2E+08	1.2E+08	+	0.025119
Arntl	MmuINT0019167	chr7	1.2E+08	1.2E+08	+	0.024733
Arntl	MmuINT0019168	chr7	1.2E+08	1.2E+08	+	0.045292
Arntl	MmuINT0019169	chr7	1.2E+08	1.2E+08	+	0.040721
Arntl	MmuINT0019170	chr7	1.2E+08	1.2E+08	+	0.055164
Arntl	MmuINT0019171	chr7	1.2E+08	1.2E+08	+	0.022893
Arntl	MmuINT0019172	chr7	1.2E+08	1.2E+08	+	0.045942
Arntl	MmuINT0019173	chr7	1.2E+08	1.2E+08	+	0.053277
Arntl	MmuINT0019174	chr7	1.2E+08	1.2E+08	+	0.034964
Arntl	MmuINT0019175	chr7	1.2E+08	1.2E+08	+	0.044025
Arntl	MmuINT0019176	chr7	1.2E+08	1.2E+08	+	0.056822
Arntl	MmuINT0019177	chr7	1.2E+08	1.2E+08	+	0.04543
Arntl	MmuINT0019178	chr7	1.2E+08	1.2E+08	+	0.024782
Arntl	MmuINT0019179	chr7	1.2E+08	1.2E+08	+	0.032924
Arntl2	MmuINT0019184	chr6	1.47E+08	1.47E+08	+	0.354452
Arntl2	MmuINT0019185	chr6	1.47E+08	1.47E+08	+	0.100639
Arpc1a	MmuINT0019194	chr5	1.46E+08	1.46E+08	+	0.000281
Arpc1a	MmuINT0019195	chr5	1.46E+08	1.46E+08	+	0.002602
Arpc1a	MmuINT0019196	chr5	1.46E+08	1.46E+08	+	0.000897
Arpc1a	MmuINT0019197	chr5	1.46E+08	1.46E+08	+	0.00436
Arpc1a	MmuINT0019198	chr5	1.46E+08	1.46E+08	+	0.002478
Arpc1a	MmuINT0019199	chr5	1.46E+08	1.46E+08	+	0.047553
Arpc1a	MmuINT0019200	chr5	1.46E+08	1.46E+08	+	0.027881
Arpc1a	MmuINT0019201	chr5	1.46E+08	1.46E+08	+	0.002839
Arpc1a	MmuINT0019202	chr5	1.46E+08	1.46E+08	+	0.007518
Arpc1b	MmuINT0019203	chr5	1.46E+08	1.46E+08	+	0.007523
Arpc1b	MmuINT0019205	chr5	1.46E+08	1.46E+08	+	0.000409
Arpc1b	MmuINT0019206	chr5	1.46E+08	1.46E+08	+	0.007424
Arpc1b	MmuINT0019210	chr5	1.46E+08	1.46E+08	+	0.046389
Arpc1b	MmuINT0019211	chr5	1.46E+08	1.46E+08	+	0.002697

Arpc2	MmuINT0019212	chr1	74283474	74292653	+	0.001881
Arpc2	MmuINT0019214	chr1	74294819	74297827	+	0.00092
Arpc2	MmuINT0019215	chr1	74297874	74301401	+	0.001423
Arpc2	MmuINT0019217	chr1	74302626	74309032	+	0.00391
Arpc2	MmuINT0019218	chr1	74309160	74310316	+	0.006536
Arpc2	MmuINT0019219	chr1	74310418	74310926	+	0.004789
Arpc2	MmuINT0019220	chr1	74311028	74314344	+	0.020145
Arpc3	MmuINT0019221	chr5	1.23E+08	1.23E+08	+	0.002161
Arpc3	MmuINT0019222	chr5	1.23E+08	1.23E+08	+	0.011124
Arpc3	MmuINT0019223	chr5	1.23E+08	1.23E+08	+	0.007128
Arpc3	MmuINT0019224	chr5	1.23E+08	1.23E+08	+	0.003745
Arpc3	MmuINT0019225	chr5	1.23E+08	1.23E+08	+	0.002847
Arpc3	MmuINT0019226	chr5	1.23E+08	1.23E+08	+	0.006485
Arpc4	MmuINT0019229	chr6	1.13E+08	1.13E+08	+	0.006784
Arpc4	MmuINT0019230	chr6	1.13E+08	1.13E+08	+	0.0056
Arpc4	MmuINT0019231	chr6	1.13E+08	1.13E+08	+	0.003602
Arpc4	MmuINT0019232	chr6	1.13E+08	1.13E+08	+	0.003366
Arpc4	MmuINT0019233	chr6	1.13E+08	1.13E+08	+	0.008669
Arpc5	MmuINT0019234	chr1	1.55E+08	1.55E+08	+	0.017624
Arpc5	MmuINT0019235	chr1	1.55E+08	1.55E+08	+	0.034212
Arpc5	MmuINT0019236	chr1	1.55E+08	1.55E+08	+	0.012132
Arpc5l	MmuINT0019237	chr2	38863865	38868634	+	0.019419
Arpc5l	MmuINT0019238	chr2	38868708	38869242	+	0.007614
Arpc5l	MmuINT0019239	chr2	38869420	38870577	+	0.004312
Arpp19	MmuINT0019241	chr9	74885769	74900039	+	0.002072
Arpp19	MmuINT0019242	chr9	74900163	74904441	+	0.002242
Arrb1	MmuINT0019290	chr7	1.07E+08	1.07E+08	+	0.046604
Arrb1	MmuINT0019294	chr7	1.07E+08	1.07E+08	+	0.138498
Arrb1	MmuINT0019300	chr7	1.07E+08	1.07E+08	+	0.052559
Arrb1	MmuINT0019302	chr7	1.07E+08	1.07E+08	+	0.051119
Arrb2	MmuINT0019303	chr11	70246256	70249043	+	0.073546
Arrb2	MmuINT0019304	chr11	70251894	70252149	+	0.268449
Arrb2	MmuINT0019305	chr11	70252288	70252973	+	0.050276
Arrb2	MmuINT0019306	chr11	70253058	70253163	+	0.022416
Arrb2	MmuINT0019307	chr11	70253244	70253352	+	0.128129
Arrb2	MmuINT0019308	chr11	70253408	70253665	+	0.094089
Arrb2	MmuINT0019309	chr11	70249075	70249664	+	0.275642
Arrb2	MmuINT0019310	chr11	70249726	70249832	+	0.148395
Arrb2	MmuINT0019311	chr11	70249878	70250062	+	0.052681
Arrb2	MmuINT0019312	chr11	70250260	70250370	+	0.026895
Arrb2	MmuINT0019313	chr11	70250431	70250811	+	0.043223
Arrb2	MmuINT0019314	chr11	70250880	70251072	+	0.033696
Arrb2	MmuINT0019315	chr11	70251212	70251445	+	0.031441
Arrb2	MmuINT0019316	chr11	70251531	70251820	+	0.259762
Arrdc1	MmuINT0019318	chr2	24781715	24781791	-	0.465229
Arrdc1	MmuINT0019319	chr2	24783360	24790547	-	0.064393
Arrdc1	MmuINT0019320	chr2	24782697	24783248	-	0.402828
Arrdc1	MmuINT0019321	chr2	24782553	24782645	-	0.04881
Arrdc1	MmuINT0019322	chr2	24782248	24782397	-	0.039764
Arrdc2	MmuINT0019323	chr8	73362945	73363026	-	0.435047

Arrdc2	MmuINT0019324	chr8	73362741	73362877	-	0.215962
Arrdc2	MmuINT0019325	chr8	73361446	73362592	-	0.39965
Arrdc2	MmuINT0019326	chr8	73361266	73361342	-	0.241304
Arrdc2	MmuINT0019327	chr8	73360920	73361008	-	0.104903
Arrdc2	MmuINT0019328	chr8	73360277	73360756	-	0.066736
Arrdc2	MmuINT0019329	chr8	73359894	73360118	-	0.067961
Arrdc3	MmuINT0019330	chr13	81023191	81026666	+	0.019788
Arrdc3	MmuINT0019331	chr13	81026749	81028349	+	0.017304
Arrdc3	MmuINT0019332	chr13	81028498	81029356	+	0.013815
Arrdc3	MmuINT0019333	chr13	81029460	81029794	+	0.011754
Arrdc3	MmuINT0019334	chr13	81030052	81030322	+	0.013104
Arrdc3	MmuINT0019335	chr13	81030486	81030748	+	0.030834
Arrdc3	MmuINT0019336	chr13	81030904	81032630	+	0.023082
Arrdc4	MmuINT0019337	chr7	75884926	75885840	-	0.070096
Arrdc4	MmuINT0019338	chr7	75884420	75884770	-	0.046203
Arrdc4	MmuINT0019339	chr7	75890098	75893654	-	0.108441
Arrdc4	MmuINT0019340	chr7	75889816	75890030	-	0.0212
Arrdc4	MmuINT0019341	chr7	75887561	75889667	-	0.031123
Arsa	MmuINT0019345	chr15	89305794	89305938	-	0.171265
Arsa	MmuINT0019346	chr15	89305437	89305552	-	0.039717
Arsa	MmuINT0019347	chr15	89305141	89305217	-	0.144784
Arsa	MmuINT0019348	chr15	89304784	89304970	-	0.083819
Arsa	MmuINT0019349	chr15	89304566	89304658	-	0.050696
Arsa	MmuINT0019350	chr15	89304203	89304437	-	0.047612
Arsa	MmuINT0019351	chr15	89303989	89304099	-	0.08513
Arsb	MmuINT0019353	chr13	94560181	94563982	+	0.024877
Arsb	MmuINT0019354	chr13	94564174	94577450	+	0.021622
Arsb	MmuINT0019355	chr13	94577659	94632041	+	0.019201
Arsb	MmuINT0019356	chr13	94632286	94650442	+	0.029208
Arsb	MmuINT0019357	chr13	94650514	94709181	+	0.032129
Arsb	MmuINT0019358	chr13	94709305	94710420	+	0.0305
Art1	MmuINT0019381	chr7	1.09E+08	1.09E+08	+	0.165371
Art1	MmuINT0019382	chr7	1.09E+08	1.09E+08	+	0.090598
Art1	MmuINT0019383	chr7	1.09E+08	1.09E+08	+	0.030434
Art1	MmuINT0019384	chr7	1.09E+08	1.09E+08	+	0.012889
Art3	MmuINT0019391	chr5	92762009	92817159	+	0.984246
Art3	MmuINT0019392	chr5	92817238	92821494	+	0.001813
Art3	MmuINT0019393	chr5	92822204	92831021	+	0.000899
Art3	MmuINT0019394	chr5	92831055	92832620	+	0.037718
Art3	MmuINT0019395	chr5	92832654	92833862	+	0.086327
Art3	MmuINT0019396	chr5	92833893	92838295	+	0.021009
Art3	MmuINT0019397	chr5	92838329	92840167	+	0.002223
Art3	MmuINT0019398	chr5	92840222	92843267	+	0.262676
Art5	MmuINT0019401	chr7	1.09E+08	1.09E+08	-	0.033874
Art5	MmuINT0019402	chr7	1.09E+08	1.09E+08	-	0.014093
Art5	MmuINT0019403	chr7	1.09E+08	1.09E+08	-	0.058716
Art5	MmuINT0019404	chr7	1.09E+08	1.09E+08	-	0.006995
Arv1	MmuINT0019409	chr8	1.27E+08	1.27E+08	+	0.302329
Arv1	MmuINT0019410	chr8	1.27E+08	1.27E+08	+	0.081912
Arv1	MmuINT0019411	chr8	1.27E+08	1.27E+08	+	0.066692



Arv1	MmuINT0019412	chr8	1.27E+08	1.27E+08	+	0.027921
Arv1	MmuINT0019413	chr8	1.27E+08	1.27E+08	+	0.848455
Arvcf	MmuINT0019415	chr16	18401732	18402700	+	0.025582
Arvcf	MmuINT0019416	chr16	18402829	18402992	+	0.029638
Arvcf	MmuINT0019417	chr16	18403144	18403418	+	0.032923
Arvcf	MmuINT0019418	chr16	18403618	18403720	+	0.05066
Arvcf	MmuINT0019419	chr16	18403833	18403926	+	0.026211
Arvcf	MmuINT0019420	chr16	18404015	18404227	+	0.10463
Arvcf	MmuINT0019421	chr16	18404282	18404552	+	0.038673
Arvcf	MmuINT0019422	chr16	18404639	18405194	+	0.07287
Arvcf	MmuINT0019423	chr16	18405315	18405699	+	0.03278
Arvcf	MmuINT0019426	chr16	18397211	18397389	+	0.017025
Arvcf	MmuINT0019427	chr16	18398420	18399054	+	0.028402
Arvcf	MmuINT0019428	chr16	18399239	18399748	+	0.018389
Arvcf	MmuINT0019429	chr16	18399867	18400177	+	0.019923
As3mt	MmuINT0019436	chr19	46782027	46782245	+	0.223415
As3mt	MmuINT0019437	chr19	46799529	46814950	+	0.005241
As3mt	MmuINT0019438	chr19	46782290	46782559	+	0.115311
As3mt	MmuINT0019439	chr19	46782688	46783457	+	0.002584
As3mt	MmuINT0019440	chr19	46783609	46784036	+	0.011168
As3mt	MmuINT0019441	chr19	46784174	46786710	+	0.026468
As3mt	MmuINT0019442	chr19	46786781	46789678	+	0.006328
As3mt	MmuINT0019443	chr19	46789761	46794378	+	0.003254
As3mt	MmuINT0019444	chr19	46794511	46794803	+	0.002147
As3mt	MmuINT0019445	chr19	46794947	46799393	+	0.002144
Asah1	MmuINT0019446	chr8	42445654	42459863	-	0.009862
Asah1	MmuINT0019447	chr8	42429216	42431460	-	0.006602
Asah1	MmuINT0019448	chr8	42428997	42429083	-	0.007025
Asah1	MmuINT0019449	chr8	42428296	42428872	-	0.007661
Asah1	MmuINT0019450	chr8	42427040	42428238	-	0.008368
Asah1	MmuINT0019451	chr8	42440272	42445606	-	0.011363
Asah1	MmuINT0019452	chr8	42439455	42440180	-	0.019651
Asah1	MmuINT0019453	chr8	42437327	42439367	-	0.020625
Asah1	MmuINT0019454	chr8	42434979	42437247	-	0.046904
Asah1	MmuINT0019455	chr8	42433488	42434903	-	0.02294
Asah1	MmuINT0019456	chr8	42432430	42433441	-	0.010652
Asah1	MmuINT0019457	chr8	42431705	42432284	-	0.054045
Asah1	MmuINT0019458	chr8	42431543	42431649	-	0.012969
Asah2	MmuINT0019460	chr19	32099412	32117970	-	0.01809
Asah2	MmuINT0019461	chr19	32096870	32099290	-	0.017552
Asah2	MmuINT0019462	chr19	32093519	32096743	-	0.015116
Asah2	MmuINT0019466	chr19	32087011	32088691	-	0.018662
Asah2	MmuINT0019467	chr19	32083936	32086915	-	0.030546
Asah2	MmuINT0019468	chr19	32083166	32083895	-	0.030584
Asah2	MmuINT0019469	chr19	32080844	32083069	-	0.023597
Asah2	MmuINT0019471	chr19	32078321	32080747	-	0.016234
Asah2	MmuINT0019472	chr19	32069892	32078173	-	0.015614
Asah2	MmuINT0019473	chr19	32066581	32069831	-	0.022599
Asah2	MmuINT0019474	chr19	32061438	32066491	-	0.01589
Asah2	MmuINT0019478	chr19	32127473	32128969	-	0.017817

Asah2	MmuINT0019479	chr19	32120752	32127322	-	0.020343
Asah2	MmuINT0019480	chr19	32119508	32120574	-	0.020047
Asah2	MmuINT0019481	chr19	32118049	32119379	-	0.016433
Asap1	MmuINT0019483	chr15	63990567	63991783	-	0.022971
Asap1	MmuINT0019485	chr15	63984493	63985405	-	0.970856
Asap1	MmuINT0019486	chr15	63981238	63984391	-	0.019051
Asap1	MmuINT0019493	chr15	64144038	64181389	-	0.348262
Asap1	MmuINT0019500	chr15	63934035	63942467	-	0.026332
Asap1	MmuINT0019501	chr15	63931153	63933964	-	0.024105
Asap1	MmuINT0019502	chr15	63926071	63931093	-	0.022899
Asap1	MmuINT0019503	chr15	63923733	63925570	-	0.017786
Asap1	MmuINT0019504	chr15	64040119	64143910	-	0.050741
Asap1	MmuINT0019505	chr15	63921084	63923609	-	0.065554
Asap1	MmuINT0019506	chr15	64023192	64040045	-	0.027517
Asap1	MmuINT0019507	chr15	64004855	64023045	-	0.020387
Asap1	MmuINT0019508	chr15	64004297	64004779	-	0.031535
Asap1	MmuINT0019509	chr15	63999392	64004246	-	0.020331
Asap1	MmuINT0019510	chr15	63998108	63999261	-	0.172851
Asap1	MmuINT0019511	chr15	63991860	63998021	-	0.023537
Asap3	MmuINT0019555	chr4	1.36E+08	1.36E+08	+	0.030436
Asap3	MmuINT0019556	chr4	1.36E+08	1.36E+08	+	0.026062
Asap3	MmuINT0019557	chr4	1.36E+08	1.36E+08	+	0.029673
Asb1	MmuINT0019565	chr1	93437442	93440732	+	0.088193
Asb1	MmuINT0019567	chr1	93443808	93448630	+	0.036707
Asb1	MmuINT0019568	chr1	93449017	93451327	+	0.033142
Asb10	MmuINT0019569	chr5	24045697	24045851	-	0.076531
Asb10	MmuINT0019570	chr5	24043968	24045428	-	0.002571
Asb10	MmuINT0019571	chr5	24040039	24043447	-	0.027637
Asb10	MmuINT0019572	chr5	24039658	24039924	-	0.065509
Asb10	MmuINT0019573	chr5	24039330	24039471	-	0.007006
Asb11	MmuINT0019574	chrX	1.61E+08	1.61E+08	+	0.013207
Asb11	MmuINT0019575	chrX	1.61E+08	1.61E+08	+	0.050236
Asb11	MmuINT0019576	chrX	1.61E+08	1.61E+08	+	0.05169
Asb11	MmuINT0019577	chrX	1.61E+08	1.61E+08	+	0.009895
Asb11	MmuINT0019578	chrX	1.61E+08	1.61E+08	+	0.015769
Asb11	MmuINT0019579	chrX	1.61E+08	1.61E+08	+	0.010006
Asb12	MmuINT0019580	chrX	92667051	92673325	-	0.015226
Asb12	MmuINT0019581	chrX	92665806	92666201	-	0.011037
Asb13	MmuINT0019582	chr13	3641499	3642720	+	0.080766
Asb13	MmuINT0019583	chr13	3642872	3644161	+	0.018945
Asb13	MmuINT0019584	chr13	3644297	3648564	+	0.01429
Asb14	MmuINT0019585	chr14	27707859	27710793	+	0.09866
Asb14	MmuINT0019586	chr14	27710991	27713608	+	0.062674
Asb14	MmuINT0019587	chr14	27713665	27714032	+	0.393094
Asb14	MmuINT0019588	chr14	27714165	27714252	+	0.019236
Asb14	MmuINT0019589	chr14	27714412	27716428	+	0.004357
Asb14	MmuINT0019590	chr14	27716675	27724482	+	0.018358
Asb14	MmuINT0019591	chr14	27724655	27724996	+	0.001751
Asb14	MmuINT0019592	chr14	27725541	27727362	+	0.053843
Asb15	MmuINT0019594	chr6	24506615	24508508	+	0.004638

Asb15	MmuINT0019595	chr6	24508562	24508647	+	0.004781
Asb15	MmuINT0019596	chr6	24508780	24509149	+	0.007701
Asb15	MmuINT0019597	chr6	24509309	24512491	+	0.02901
Asb15	MmuINT0019598	chr6	24512738	24514245	+	0.006557
Asb15	MmuINT0019599	chr6	24514418	24515918	+	0.00326
Asb15	MmuINT0019600	chr6	24516490	24517121	+	0.019272
Asb15	MmuINT0019601	chr6	24517276	24520618	+	0.005867
Asb18	MmuINT0019610	chr1	91865296	91889532	-	0.082962
Asb18	MmuINT0019611	chr1	91851078	91864787	-	0.057447
Asb18	MmuINT0019612	chr1	91849439	91850963	-	0.010408
Asb2	MmuINT0019613	chr12	1.05E+08	1.05E+08	-	0.001734
Asb2	MmuINT0019614	chr12	1.05E+08	1.05E+08	-	0.142274
Asb2	MmuINT0019615	chr12	1.05E+08	1.05E+08	-	0.007347
Asb2	MmuINT0019616	chr12	1.05E+08	1.05E+08	-	0.000707
Asb2	MmuINT0019617	chr12	1.05E+08	1.05E+08	-	0.003071
Asb2	MmuINT0019618	chr12	1.05E+08	1.05E+08	-	0.017716
Asb2	MmuINT0019619	chr12	1.05E+08	1.05E+08	-	0.00512
Asb2	MmuINT0019620	chr12	1.05E+08	1.05E+08	-	0.034645
Asb2	MmuINT0019621	chr12	1.05E+08	1.05E+08	-	0.014194
Asb3	MmuINT0019622	chr11	30854570	30898312	+	0.026848
Asb3	MmuINT0019623	chr11	30898522	30928907	+	0.023927
Asb3	MmuINT0019624	chr11	30929067	30955457	+	0.034777
Asb3	MmuINT0019626	chr11	30956238	30958821	+	0.020306
Asb3	MmuINT0019627	chr11	30959000	30961388	+	0.014335
Asb3	MmuINT0019629	chr11	30981623	30985000	+	0.031424
Asb3	MmuINT0019630	chr11	30985132	31001036	+	0.029128
Asb4	MmuINT0019633	chr6	5348524	5373341	+	0.055411
Asb4	MmuINT0019634	chr6	5373833	5379739	+	0.106354
Asb4	MmuINT0019635	chr6	5379854	5380858	+	0.040091
Asb5	MmuINT0019637	chr8	55666259	55668903	+	0.011556
Asb5	MmuINT0019638	chr8	55669012	55670011	+	0.007255
Asb5	MmuINT0019639	chr8	55670163	55670331	+	0.006792
Asb5	MmuINT0019640	chr8	55670467	55671123	+	0.006973
Asb5	MmuINT0019641	chr8	55671316	55672586	+	0.006062
Asb6	MmuINT0019642	chr2	30682619	30683593	-	0.071207
Asb6	MmuINT0019643	chr2	30681282	30682442	-	0.038433
Asb6	MmuINT0019644	chr2	30681081	30681174	-	0.079927
Asb6	MmuINT0019645	chr2	30680248	30680971	-	0.230773
Asb6	MmuINT0019646	chr2	30680025	30680160	-	0.026561
Asb7	MmuINT0019647	chr7	73833807	73833985	-	0.034132
Asb7	MmuINT0019649	chr7	73824228	73826590	-	0.062527
Asb7	MmuINT0019651	chr7	73792812	73804535	-	0.039398
Asb8	MmuINT0019658	chr15	97966870	97971714	-	0.012173
Ascc1	MmuINT0019666	chr10	59465656	59467542	+	0.008144
Ascc1	MmuINT0019667	chr10	59560963	59562453	+	0.008098
Ascc1	MmuINT0019668	chr10	59467676	59470474	+	0.006505
Ascc1	MmuINT0019669	chr10	59470575	59475209	+	0.007188
Ascc1	MmuINT0019670	chr10	59475308	59476343	+	0.012502
Ascc1	MmuINT0019671	chr10	59476523	59504868	+	0.005251
Ascc1	MmuINT0019672	chr10	59505006	59512499	+	0.007491

Ascc1	MmuINT0019673	chr10	59512620	59525207	+	0.004493
Ascc1	MmuINT0019674	chr10	59525333	59527070	+	0.005553
Ascc1	MmuINT0019675	chr10	59527157	59560840	+	0.005666
Ascc2	MmuINT0019676	chr11	4537826	4540385	+	0.01508
Ascc2	MmuINT0019677	chr11	4568426	4568582	+	0.020899
Ascc2	MmuINT0019678	chr11	4568652	4568864	+	0.026075
Ascc2	MmuINT0019679	chr11	4568940	4570278	+	0.025853
Ascc2	MmuINT0019680	chr11	4570466	4572285	+	0.029967
Ascc2	MmuINT0019681	chr11	4572501	4573330	+	0.020663
Ascc2	MmuINT0019682	chr11	4573451	4579254	+	0.064974
Ascc2	MmuINT0019683	chr11	4579349	4579433	+	0.041248
Ascc2	MmuINT0019684	chr11	4579556	4580085	+	0.019451
Ascc2	MmuINT0019685	chr11	4580186	4581441	+	0.040519
Ascc2	MmuINT0019686	chr11	4581522	4582909	+	0.013617
Ascc2	MmuINT0019687	chr11	4540484	4546564	+	0.01771
Ascc2	MmuINT0019688	chr11	4546724	4547065	+	0.014211
Ascc2	MmuINT0019689	chr11	4547237	4549742	+	0.013609
Ascc2	MmuINT0019690	chr11	4549873	4556271	+	0.020184
Ascc2	MmuINT0019691	chr11	4556340	4558217	+	0.023885
Ascc2	MmuINT0019692	chr11	4558329	4559274	+	0.019988
Ascc2	MmuINT0019693	chr11	4559388	4564231	+	0.027734
Ascc2	MmuINT0019694	chr11	4564307	4568317	+	0.138707
Ascc3	MmuINT0019699	chr10	50380533	50409920	+	0.057727
Ascc3	MmuINT0019701	chr10	50419938	50420237	+	0.043104
Ascc3	MmuINT0019702	chr10	50420463	50427468	+	0.04244
Ascc3	MmuINT0019705	chr10	50433069	50434071	+	0.047064
Ascc3	MmuINT0019707	chr10	50434249	50436290	+	0.039819
Ascc3	MmuINT0019708	chr10	50436517	50438097	+	0.033488
Ascc3	MmuINT0019709	chr10	50438253	50440417	+	0.045436
Ascc3	MmuINT0019710	chr10	50440517	50441578	+	0.058568
Ascc3	MmuINT0019711	chr10	50441748	50447895	+	0.048215
Ascc3	MmuINT0019712	chr10	50448117	50449717	+	0.032748
Ascc3	MmuINT0019713	chr10	50449804	50451418	+	0.04906
Ascc3	MmuINT0019714	chr10	50451586	50452227	+	0.039521
Ascc3	MmuINT0019715	chr10	50452374	50452492	+	0.042992
Ascc3	MmuINT0019716	chr10	50452614	50455015	+	0.031709
Ascc3	MmuINT0019717	chr10	50327877	50337517	+	0.054068
Ascc3	MmuINT0019718	chr10	50455159	50468611	+	0.035184
Ascc3	MmuINT0019719	chr10	50468750	50468840	+	0.032185
Ascc3	MmuINT0019720	chr10	50468962	50470258	+	0.048892
Ascc3	MmuINT0019721	chr10	50470392	50473802	+	0.054641
Ascc3	MmuINT0019722	chr10	50473929	50486896	+	0.04541
Ascc3	MmuINT0019723	chr10	50487009	50487178	+	0.041769
Ascc3	MmuINT0019724	chr10	50487314	50543441	+	0.029822
Ascc3	MmuINT0019725	chr10	50543667	50560103	+	0.045986
Ascc3	MmuINT0019726	chr10	50560256	50561948	+	0.027052
Ascc3	MmuINT0019727	chr10	50562097	50565336	+	0.033191
Ascc3	MmuINT0019729	chr10	50565547	50569276	+	0.030524
Ascc3	MmuINT0019730	chr10	50569453	50570266	+	0.018317
Ascc3	MmuINT0019732	chr10	50362537	50364748	+	0.045451

Ascc3	MmuINT0019734	chr10	50365595	50368914	+	0.049707
Ascc3	MmuINT0019735	chr10	50369116	50369598	+	0.048648
Asf1a	MmuINT0019740	chr10	53317105	53322153	+	0.007104
Asf1a	MmuINT0019741	chr10	53322270	53325914	+	0.012537
Asf1a	MmuINT0019742	chr10	53326092	53327470	+	0.011419
Asf1b	MmuINT0019744	chr8	86489046	86491732	+	0.061189
Asf1b	MmuINT0019745	chr8	86491910	86493032	+	0.066277
Ash1l	MmuINT0019762	chr3	88770251	88785154	+	0.022687
Ash1l	MmuINT0019763	chr3	88847248	88847418	+	0.010392
Ash1l	MmuINT0019764	chr3	88847566	88855910	+	0.008819
Ash1l	MmuINT0019765	chr3	88856020	88856664	+	0.010566
Ash1l	MmuINT0019766	chr3	88856830	88856998	+	0.012821
Ash1l	MmuINT0019767	chr3	88857094	88858284	+	0.013277
Ash1l	MmuINT0019768	chr3	88858440	88862409	+	0.014774
Ash1l	MmuINT0019769	chr3	88862563	88867572	+	0.03083
Ash1l	MmuINT0019770	chr3	88867628	88867707	+	0.019495
Ash1l	MmuINT0019771	chr3	88867841	88870093	+	0.010375
Ash1l	MmuINT0019772	chr3	88870343	88871076	+	0.034924
Ash1l	MmuINT0019773	chr3	88789713	88805694	+	0.012521
Ash1l	MmuINT0019774	chr3	88871164	88872908	+	0.036288
Ash1l	MmuINT0019775	chr3	88873000	88874149	+	0.013735
Ash1l	MmuINT0019776	chr3	88874289	88874395	+	0.010394
Ash1l	MmuINT0019777	chr3	88874569	88876367	+	0.0131
Ash1l	MmuINT0019778	chr3	88876535	88878646	+	0.030061
Ash1l	MmuINT0019779	chr3	88878688	88879897	+	0.026371
Ash1l	MmuINT0019780	chr3	88880200	88880912	+	0.012833
Ash1l	MmuINT0019781	chr3	88805797	88811063	+	0.013722
Ash1l	MmuINT0019782	chr3	88811800	88826952	+	0.011569
Ash1l	MmuINT0019783	chr3	88827133	88830333	+	0.014209
Ash1l	MmuINT0019784	chr3	88830429	88837180	+	0.021614
Ash1l	MmuINT0019785	chr3	88837255	88839138	+	0.02669
Ash1l	MmuINT0019786	chr3	88839185	88839294	+	0.013395
Ash1l	MmuINT0019787	chr3	88839404	88847040	+	0.011599
Ash2l	MmuINT0019789	chr8	26933779	26937645	-	0.009918
Ash2l	MmuINT0019790	chr8	26933361	26933610	-	0.007734
Ash2l	MmuINT0019791	chr8	26930191	26933166	-	0.011344
Ash2l	MmuINT0019793	chr8	26928136	26929017	-	0.023785
Ash2l	MmuINT0019794	chr8	26927981	26928075	-	0.010368
Ash2l	MmuINT0019795	chr8	26950361	26950483	-	0.007543
Ash2l	MmuINT0019796	chr8	26946561	26950214	-	0.005665
Ash2l	MmuINT0019797	chr8	26945527	26946471	-	0.008246
Ash2l	MmuINT0019798	chr8	26944319	26945431	-	0.01225
Ash2l	MmuINT0019799	chr8	26943208	26944222	-	0.004141
Ash2l	MmuINT0019800	chr8	26941821	26943111	-	0.017247
Ash2l	MmuINT0019801	chr8	26939332	26941744	-	0.198125
Ash2l	MmuINT0019802	chr8	26937864	26939237	-	0.006993
Asl	MmuINT0019804	chr5	1.3E+08	1.31E+08	-	0.312489
Asl	MmuINT0019805	chr5	1.3E+08	1.3E+08	-	0.055201
Asl	MmuINT0019806	chr5	1.3E+08	1.3E+08	-	0.034558
Asl	MmuINT0019807	chr5	1.3E+08	1.3E+08	-	0.046822

Asl	MmuINT0019808	chr5	1.3E+08	1.3E+08	-	0.033733
Asl	MmuINT0019809	chr5	1.3E+08	1.3E+08	-	0.043057
Asl	MmuINT0019810	chr5	1.3E+08	1.3E+08	-	0.03704
Asl	MmuINT0019811	chr5	1.3E+08	1.3E+08	-	0.043661
Asl	MmuINT0019812	chr5	1.3E+08	1.3E+08	-	0.032708
Asl	MmuINT0019813	chr5	1.3E+08	1.3E+08	-	0.026582
Asl	MmuINT0019814	chr5	1.3E+08	1.3E+08	-	0.058964
Asl	MmuINT0019815	chr5	1.3E+08	1.3E+08	-	0.09672
Asl	MmuINT0019816	chr5	1.3E+08	1.3E+08	-	0.097228
Asl	MmuINT0019817	chr5	1.3E+08	1.3E+08	-	0.04654
Asl	MmuINT0019818	chr5	1.3E+08	1.3E+08	-	0.036559
Asl	MmuINT0019819	chr5	1.3E+08	1.3E+08	-	0.10596
Asna1	MmuINT0019820	chr8	87548225	87549003	-	0.022987
Asna1	MmuINT0019821	chr8	87543808	87548076	-	0.012898
Asna1	MmuINT0019822	chr8	87543572	87543658	-	0.007364
Asna1	MmuINT0019823	chr8	87542818	87543420	-	0.007943
Asna1	MmuINT0019824	chr8	87542619	87542709	-	0.013964
Asna1	MmuINT0019825	chr8	87542155	87542420	-	0.004194
Asns	MmuINT0019826	chr6	7639524	7643108	-	0.058074
Asns	MmuINT0019828	chr6	7625525	7625992	-	0.032948
Asns	MmuINT0019829	chr6	7635407	7639251	-	0.03624
Asns	MmuINT0019830	chr6	7632457	7635168	-	0.048336
Asns	MmuINT0019831	chr6	7632036	7632270	-	0.055907
Asns	MmuINT0019832	chr6	7631378	7631933	-	0.064164
Asns	MmuINT0019833	chr6	7630212	7631249	-	0.174334
Asns	MmuINT0019834	chr6	7628047	7630084	-	0.134528
Asns	MmuINT0019836	chr6	7626317	7627230	-	0.059486
Asnsd1	MmuINT0019837	chr1	53407778	53409373	-	0.008424
Asnsd1	MmuINT0019838	chr1	53406907	53407723	-	0.004283
Asnsd1	MmuINT0019839	chr1	53405403	53406830	-	0.005494
Asph	MmuINT0019875	chr4	9566495	9595927	-	0.027007
Asph	MmuINT0019876	chr4	9522563	9525415	-	0.014067
Asph	MmuINT0019877	chr4	9521846	9522523	-	0.003878
Asph	MmuINT0019878	chr4	9511004	9521809	-	0.0039
Asph	MmuINT0019879	chr4	9469458	9510958	-	0.009469
Asph	MmuINT0019880	chr4	9464913	9469371	-	0.00705
Asph	MmuINT0019881	chr4	9459213	9464825	-	0.005315
Asph	MmuINT0019882	chr4	9457170	9459061	-	0.012403
Asph	MmuINT0019883	chr4	9444882	9457032	-	0.005863
Asph	MmuINT0019884	chr4	9441826	9444782	-	0.004823
Asph	MmuINT0019885	chr4	9435912	9441735	-	0.004477
Asph	MmuINT0019886	chr4	9563117	9566344	-	0.001285
Asph	MmuINT0019887	chr4	9411755	9435773	-	0.006197
Asph	MmuINT0019888	chr4	9402629	9411618	-	0.005708
Asph	MmuINT0019889	chr4	9402179	9402536	-	0.004666
Asph	MmuINT0019890	chr4	9380593	9402044	-	0.005264
Asph	MmuINT0019891	chr4	9538086	9563047	-	0.011631
Asph	MmuINT0019892	chr4	9535019	9537989	-	0.01687
Asph	MmuINT0019893	chr4	9531777	9534943	-	0.01339
Asph	MmuINT0019894	chr4	9529649	9531662	-	0.001607

Asph	MmuINT0019895	chr4	9528511	9529615	-	0.002617
Asph	MmuINT0019896	chr4	9525928	9528453	-	0.006175
Asph	MmuINT0019900	chr4	9549374	9551506	-	0.089508
Aspn	MmuINT0019933	chr13	49647286	49649288	+	0.030951
Aspn	MmuINT0019934	chr13	49649402	49652615	+	0.01568
Aspn	MmuINT0019935	chr13	49652830	49654159	+	0.012974
Aspn	MmuINT0019936	chr13	49654271	49658809	+	0.021982
Aspn	MmuINT0019937	chr13	49658904	49659124	+	0.012884
Aspn	MmuINT0019938	chr13	49659264	49661802	+	0.01652
Aspscr1	MmuINT0019942	chr11	1.21E+08	1.21E+08	+	0.017395
Aspscr1	MmuINT0019943	chr11	1.21E+08	1.21E+08	+	0.013147
Aspscr1	MmuINT0019944	chr11	1.21E+08	1.21E+08	+	0.022337
Aspscr1	MmuINT0019945	chr11	1.21E+08	1.21E+08	+	0.053438
Aspscr1	MmuINT0019946	chr11	1.21E+08	1.21E+08	+	0.08566
Aspscr1	MmuINT0019947	chr11	1.21E+08	1.21E+08	+	0.088325
Aspscr1	MmuINT0019948	chr11	1.21E+08	1.21E+08	+	0.044654
Aspscr1	MmuINT0019949	chr11	1.21E+08	1.21E+08	+	0.018395
Aspscr1	MmuINT0019950	chr11	1.21E+08	1.21E+08	+	0.008172
Aspscr1	MmuINT0019951	chr11	1.21E+08	1.21E+08	+	0.009184
Aspscr1	MmuINT0019952	chr11	1.21E+08	1.21E+08	+	0.050853
Aspscr1	MmuINT0019953	chr11	1.21E+08	1.21E+08	+	0.042779
Aspscr1	MmuINT0019954	chr11	1.21E+08	1.21E+08	+	0.004791
Aspscr1	MmuINT0019955	chr11	1.21E+08	1.21E+08	+	0.005009
Aspscr1	MmuINT0019956	chr11	1.21E+08	1.21E+08	+	0.012188
Asrgl1	MmuINT0019957	chr19	9209478	9210004	-	0.004207
Asrgl1	MmuINT0019958	chr19	9193821	9209276	-	0.003141
Asrgl1	MmuINT0019959	chr19	9193177	9193677	-	0.003659
Asrgl1	MmuINT0019960	chr19	9191111	9193018	-	0.002844
Asrgl1	MmuINT0019961	chr19	9188785	9190991	-	0.003127
Asrgl1	MmuINT0019962	chr19	9187699	9188673	-	0.004322
Ass1	MmuINT0019963	chr2	31325860	31330226	+	0.025934
Aste1	MmuINT0019981	chr9	1.05E+08	1.05E+08	+	0.161733
Aste1	MmuINT0019982	chr9	1.05E+08	1.05E+08	+	0.065389
Aste1	MmuINT0019983	chr9	1.05E+08	1.05E+08	+	0.140104
Aste1	MmuINT0019984	chr9	1.05E+08	1.05E+08	+	0.056718
Asxl1	MmuINT0020038	chr2	1.53E+08	1.53E+08	+	0.036845
Asxl1	MmuINT0020039	chr2	1.53E+08	1.53E+08	+	0.013764
Asxl1	MmuINT0020040	chr2	1.53E+08	1.53E+08	+	0.009766
Asxl1	MmuINT0020041	chr2	1.53E+08	1.53E+08	+	0.020599
Asxl1	MmuINT0020042	chr2	1.53E+08	1.53E+08	+	0.030513
Asxl1	MmuINT0020043	chr2	1.53E+08	1.53E+08	+	0.035834
Asxl1	MmuINT0020044	chr2	1.53E+08	1.53E+08	+	0.023746
Asxl1	MmuINT0020045	chr2	1.53E+08	1.53E+08	+	0.050854
Asxl1	MmuINT0020046	chr2	1.53E+08	1.53E+08	+	0.011871
Asxl1	MmuINT0020047	chr2	1.53E+08	1.53E+08	+	0.024043
Asxl1	MmuINT0020048	chr2	1.53E+08	1.53E+08	+	0.029043
Asxl2	MmuINT0020049	chr12	3427213	3442473	+	0.149476
Asxl2	MmuINT0020050	chr12	3496937	3499978	+	0.028576
Asxl2	MmuINT0020051	chr12	3442557	3451658	+	0.039648
Asxl2	MmuINT0020052	chr12	3451771	3457061	+	0.029053

Asxl2	MmuINT0020053	chr12	3457210	3469477	+	0.058138
Asxl2	MmuINT0020054	chr12	3469594	3474489	+	0.031038
Asxl2	MmuINT0020056	chr12	3484609	3489636	+	0.039671
Asxl2	MmuINT0020057	chr12	3489734	3493733	+	0.039517
Asxl2	MmuINT0020058	chr12	3493840	3496224	+	0.036984
Atad1	MmuINT0020083	chr19	32781500	32786755	-	0.003177
Atad1	MmuINT0020084	chr19	32777129	32781324	-	0.003919
Atad1	MmuINT0020085	chr19	32776131	32777029	-	0.002574
Atad1	MmuINT0020086	chr19	32773131	32776009	-	0.003614
Atad1	MmuINT0020087	chr19	32770389	32772929	-	0.004527
Atad1	MmuINT0020088	chr19	32761813	32770281	-	0.002728
Atad1	MmuINT0020089	chr19	32758543	32761722	-	0.007136
Atad1	MmuINT0020090	chr19	32751341	32758491	-	0.003835
Atad1	MmuINT0020091	chr19	32748855	32751206	-	0.010895
Atad2	MmuINT0020096	chr15	57942832	57945724	-	0.040622
Atad2	MmuINT0020098	chr15	57940173	57941502	-	0.404677
Atad2	MmuINT0020104	chr15	57934950	57935985	-	0.18952
Atad2	MmuINT0020110	chr15	57928261	57928806	-	0.067089
Atad2b	MmuINT0020120	chr12	4961464	4964305	+	0.037189
Atad2b	MmuINT0020122	chr12	4965038	4968023	+	0.090409
Atad2b	MmuINT0020123	chr12	4968113	4972646	+	0.057532
Atad2b	MmuINT0020124	chr12	4972807	4976157	+	0.056995
Atad2b	MmuINT0020125	chr12	4976249	4980773	+	0.059478
Atad2b	MmuINT0020130	chr12	4944345	4946461	+	0.067043
Atad2b	MmuINT0020131	chr12	4997865	5013411	+	0.043978
Atad2b	MmuINT0020132	chr12	5013598	5017058	+	0.055846
Atad2b	MmuINT0020133	chr12	5017195	5020608	+	0.053256
Atad2b	MmuINT0020134	chr12	5020806	5024788	+	0.190535
Atad2b	MmuINT0020135	chr12	5024949	5031387	+	0.053112
Atad2b	MmuINT0020136	chr12	5031511	5033848	+	0.041527
Atad2b	MmuINT0020137	chr12	5033987	5038298	+	0.030038
Atad2b	MmuINT0020138	chr12	5038983	5040838	+	0.049023
Atad2b	MmuINT0020139	chr12	5040967	5041273	+	0.053159
Atad2b	MmuINT0020140	chr12	5041403	5050811	+	0.061027
Atad2b	MmuINT0020141	chr12	4946512	4946897	+	0.075434
Atad2b	MmuINT0020142	chr12	4947052	4948777	+	0.059405
Atad2b	MmuINT0020143	chr12	4948881	4949960	+	0.05966
Atad2b	MmuINT0020144	chr12	4950070	4951711	+	0.054699
Atad2b	MmuINT0020145	chr12	4951829	4957324	+	0.051262
Atad2b	MmuINT0020146	chr12	4957401	4959413	+	0.048068
Atad2b	MmuINT0020147	chr12	4959513	4961351	+	0.053382
Atad3a	MmuINT0020148	chr4	1.55E+08	1.55E+08	-	0.002842
Atad3a	MmuINT0020150	chr4	1.55E+08	1.55E+08	-	0.02597
Atad3a	MmuINT0020151	chr4	1.55E+08	1.55E+08	-	0.027517
Atad3a	MmuINT0020152	chr4	1.55E+08	1.55E+08	-	0.023211
Atad3a	MmuINT0020153	chr4	1.55E+08	1.55E+08	-	0.062097
Atad3a	MmuINT0020154	chr4	1.55E+08	1.55E+08	-	0.010261
Atad3a	MmuINT0020158	chr4	1.55E+08	1.55E+08	-	0.000696
Atad3a	MmuINT0020159	chr4	1.55E+08	1.55E+08	-	0.005191
Atat1	MmuINT0020187	chr17	36034861	36035201	-	0.362897



Atat1	MmuINT0020191	chr17	36046296	36046375	-	0.029933
Atat1	MmuINT0020194	chr17	36045610	36045797	-	0.059186
Atat1	MmuINT0020197	chr17	36038557	36038927	-	0.088904
Atat1	MmuINT0020198	chr17	36037818	36038312	-	0.090017
Atcay	MmuINT0020208	chr10	80673368	80674590	-	0.98749
Atcay	MmuINT0020209	chr10	80672834	80673268	-	0.98774
Ate1	MmuINT0020211	chr7	1.38E+08	1.38E+08	-	0.017204
Ate1	MmuINT0020212	chr7	1.38E+08	1.38E+08	-	0.018105
Ate1	MmuINT0020213	chr7	1.38E+08	1.38E+08	-	0.014691
Ate1	MmuINT0020214	chr7	1.38E+08	1.38E+08	-	0.015353
Ate1	MmuINT0020215	chr7	1.38E+08	1.38E+08	-	0.007173
Ate1	MmuINT0020216	chr7	1.38E+08	1.38E+08	-	0.007402
Ate1	MmuINT0020217	chr7	1.38E+08	1.38E+08	-	0.021195
Ate1	MmuINT0020218	chr7	1.38E+08	1.38E+08	-	0.028286
Ate1	MmuINT0020219	chr7	1.38E+08	1.38E+08	-	0.010038
Ate1	MmuINT0020220	chr7	1.38E+08	1.38E+08	-	0.009403
Atf2	MmuINT0020231	chr2	73718439	73730531	-	0.015674
Atf2	MmuINT0020232	chr2	73667999	73680416	-	0.030949
Atf2	MmuINT0020233	chr2	73666736	73667848	-	0.008554
Atf2	MmuINT0020234	chr2	73661364	73666528	-	0.025178
Atf2	MmuINT0020235	chr2	73657206	73661257	-	0.013025
Atf2	MmuINT0020236	chr2	73711803	73718341	-	0.013607
Atf2	MmuINT0020239	chr2	73689040	73701225	-	0.030271
Atf2	MmuINT0020240	chr2	73688775	73688920	-	0.011045
Atf2	MmuINT0020241	chr2	73684433	73688645	-	0.014591
Atf2	MmuINT0020242	chr2	73683611	73684253	-	0.01049
Atf2	MmuINT0020243	chr2	73680504	73683495	-	0.013099
Atf3	MmuINT0020244	chr1	1.93E+08	1.93E+08	-	0.03478
Atf3	MmuINT0020245	chr1	1.93E+08	1.93E+08	-	0.021183
Atf3	MmuINT0020246	chr1	1.93E+08	1.93E+08	-	0.030043
Atf4	MmuINT0020247	chr15	80086116	80086636	+	0.017092
Atf4	MmuINT0020248	chr15	80086952	80087063	+	0.020362
Atf5	MmuINT0020250	chr7	52068891	52070358	-	0.014967
Atf6	MmuINT0020251	chr1	1.73E+08	1.73E+08	-	0.007037
Atf6	MmuINT0020252	chr1	1.73E+08	1.73E+08	-	0.003872
Atf6	MmuINT0020253	chr1	1.73E+08	1.73E+08	-	0.005512
Atf6	MmuINT0020254	chr1	1.73E+08	1.73E+08	-	0.007254
Atf6	MmuINT0020255	chr1	1.73E+08	1.73E+08	-	0.005734
Atf6	MmuINT0020256	chr1	1.73E+08	1.73E+08	-	0.005515
Atf6	MmuINT0020257	chr1	1.73E+08	1.73E+08	-	0.006288
Atf6	MmuINT0020258	chr1	1.73E+08	1.73E+08	-	0.010399
Atf6	MmuINT0020259	chr1	1.73E+08	1.73E+08	-	0.007561
Atf6	MmuINT0020260	chr1	1.73E+08	1.73E+08	-	0.004947
Atf6	MmuINT0020261	chr1	1.73E+08	1.73E+08	-	0.008489
Atf6	MmuINT0020262	chr1	1.73E+08	1.73E+08	-	0.005165
Atf6	MmuINT0020263	chr1	1.73E+08	1.73E+08	-	0.003119
Atf6	MmuINT0020264	chr1	1.73E+08	1.73E+08	-	0.004811
Atf6	MmuINT0020265	chr1	1.73E+08	1.73E+08	-	0.005515
Atf6b	MmuINT0020266	chr17	34784262	34784604	+	0.023305
Atf6b	MmuINT0020267	chr17	34788693	34788774	+	0.038146

Atf6b	MmuINT0020268	chr17	34788867	34789592	+	0.031929
Atf6b	MmuINT0020269	chr17	34789773	34789933	+	0.048034
Atf6b	MmuINT0020270	chr17	34790042	34790158	+	0.021869
Atf6b	MmuINT0020271	chr17	34790241	34790446	+	0.090511
Atf6b	MmuINT0020272	chr17	34790518	34790648	+	0.037588
Atf6b	MmuINT0020273	chr17	34790761	34790865	+	0.029959
Atf6b	MmuINT0020274	chr17	34790951	34791415	+	0.048935
Atf6b	MmuINT0020275	chr17	34784685	34785163	+	0.02742
Atf6b	MmuINT0020276	chr17	34785243	34785521	+	0.018962
Atf6b	MmuINT0020277	chr17	34785614	34786062	+	0.022416
Atf6b	MmuINT0020278	chr17	34786199	34787245	+	0.018553
Atf6b	MmuINT0020279	chr17	34787332	34787444	+	0.030469
Atf6b	MmuINT0020280	chr17	34787581	34787664	+	0.021682
Atf6b	MmuINT0020281	chr17	34787797	34787930	+	0.026242
Atf6b	MmuINT0020282	chr17	34788065	34788506	+	0.102959
Atf7	MmuINT0020283	chr15	1.02E+08	1.02E+08	-	0.193459
Atf7	MmuINT0020284	chr15	1.02E+08	1.02E+08	-	0.014723
Atf7	MmuINT0020285	chr15	1.02E+08	1.02E+08	-	0.022511
Atf7	MmuINT0020286	chr15	1.02E+08	1.02E+08	-	0.017289
Atf7	MmuINT0020287	chr15	1.02E+08	1.02E+08	-	0.013623
Atf7	MmuINT0020288	chr15	1.02E+08	1.02E+08	-	0.012375
Atf7	MmuINT0020289	chr15	1.02E+08	1.02E+08	-	0.012661
Atf7	MmuINT0020290	chr15	1.02E+08	1.02E+08	-	0.018148
Atf7	MmuINT0020291	chr15	1.02E+08	1.02E+08	-	0.015702
Atf7	MmuINT0020292	chr15	1.02E+08	1.02E+08	-	0.013782
Atf7ip	MmuINT0020293	chr6	1.36E+08	1.37E+08	+	0.012964
Atf7ip	MmuINT0020294	chr6	1.37E+08	1.37E+08	+	0.076767
Atf7ip	MmuINT0020295	chr6	1.37E+08	1.37E+08	+	0.028956
Atf7ip	MmuINT0020296	chr6	1.37E+08	1.37E+08	+	0.005957
Atf7ip	MmuINT0020297	chr6	1.37E+08	1.37E+08	+	0.00865
Atf7ip	MmuINT0020298	chr6	1.37E+08	1.37E+08	+	0.006306
Atf7ip	MmuINT0020299	chr6	1.37E+08	1.37E+08	+	0.009808
Atf7ip	MmuINT0020300	chr6	1.37E+08	1.37E+08	+	0.034044
Atf7ip	MmuINT0020301	chr6	1.37E+08	1.37E+08	+	0.007863
Atf7ip	MmuINT0020302	chr6	1.37E+08	1.37E+08	+	0.01075
Atf7ip	MmuINT0020303	chr6	1.37E+08	1.37E+08	+	0.016339
Atf7ip	MmuINT0020304	chr6	1.37E+08	1.37E+08	+	0.01005
Atf7ip	MmuINT0020305	chr6	1.37E+08	1.37E+08	+	0.008175
Atf7ip	MmuINT0020306	chr6	1.37E+08	1.37E+08	+	0.015868
Atg10	MmuINT0020316	chr13	91348039	91363543	-	0.018508
Atg10	MmuINT0020317	chr13	91293918	91347922	-	0.00607
Atg10	MmuINT0020318	chr13	91180594	91293821	-	0.006265
Atg10	MmuINT0020319	chr13	91162273	91180454	-	0.004929
Atg10	MmuINT0020321	chr13	91076308	91076897	-	0.003808
Atg10	MmuINT0020322	chr13	91075851	91076191	-	0.005138
Atg12	MmuINT0020323	chr18	46897186	46901034	-	0.011136
Atg12	MmuINT0020324	chr18	46894972	46897048	-	0.062254
Atg12	MmuINT0020325	chr18	46894164	46894908	-	0.016027
Atg13	MmuINT0020326	chr2	91536157	91550403	-	0.011452
Atg13	MmuINT0020327	chr2	91521853	91524825	-	0.324369

Atg13	MmuINT0020328	chr2	91520615	91521715	-	0.004633
Atg13	MmuINT0020329	chr2	91520155	91520499	-	0.011914
Atg13	MmuINT0020330	chr2	91519587	91520076	-	0.017561
Atg13	MmuINT0020331	chr2	91519013	91519469	-	0.009324
Atg13	MmuINT0020332	chr2	91516621	91518883	-	0.008013
Atg13	MmuINT0020333	chr2	91534163	91536074	-	0.009217
Atg13	MmuINT0020334	chr2	91532705	91534081	-	0.013614
Atg13	MmuINT0020335	chr2	91529995	91532584	-	0.012617
Atg13	MmuINT0020336	chr2	91528939	91529947	-	0.009058
Atg13	MmuINT0020337	chr2	91526699	91528797	-	0.013477
Atg13	MmuINT0020338	chr2	91526036	91526657	-	0.039856
Atg13	MmuINT0020339	chr2	91525407	91525938	-	0.009318
Atg13	MmuINT0020340	chr2	91524917	91525307	-	0.012652
Atg14	MmuINT0020341	chr14	48180359	48187860	-	0.024008
Atg14	MmuINT0020342	chr14	48178892	48180295	-	0.03265
Atg14	MmuINT0020343	chr14	48174317	48178848	-	0.049461
Atg14	MmuINT0020344	chr14	48171161	48174234	-	0.036907
Atg14	MmuINT0020345	chr14	48168824	48170922	-	0.021825
Atg14	MmuINT0020346	chr14	48167034	48168593	-	0.038568
Atg14	MmuINT0020347	chr14	48165557	48166915	-	0.107154
Atg14	MmuINT0020348	chr14	48165389	48165465	-	0.044054
Atg14	MmuINT0020349	chr14	48162819	48165302	-	0.054539
Atg16l1	MmuINT0020350	chr1	89652890	89656625	+	0.009002
Atg16l1	MmuINT0020351	chr1	89675603	89676699	+	0.015212
Atg16l1	MmuINT0020352	chr1	89676771	89678245	+	0.008572
Atg16l1	MmuINT0020353	chr1	89678318	89682450	+	0.009673
Atg16l1	MmuINT0020354	chr1	89682572	89682815	+	0.067368
Atg16l1	MmuINT0020355	chr1	89682922	89685905	+	0.037991
Atg16l1	MmuINT0020356	chr1	89686056	89686146	+	0.016473
Atg16l1	MmuINT0020357	chr1	89686195	89687160	+	0.049307
Atg16l1	MmuINT0020358	chr1	89687263	89687790	+	0.045361
Atg16l1	MmuINT0020359	chr1	89656720	89661912	+	0.006377
Atg16l1	MmuINT0020360	chr1	89662019	89662683	+	0.010494
Atg16l1	MmuINT0020361	chr1	89662758	89663380	+	0.010057
Atg16l1	MmuINT0020362	chr1	89663633	89667966	+	0.006135
Atg16l1	MmuINT0020363	chr1	89668033	89670719	+	0.009994
Atg16l1	MmuINT0020364	chr1	89670807	89671387	+	0.045613
Atg16l1	MmuINT0020365	chr1	89671445	89672331	+	0.134714
Atg16l1	MmuINT0020366	chr1	89672435	89675496	+	0.012496
Atg16l2	MmuINT0020367	chr7	1.08E+08	1.08E+08	-	0.092208
Atg16l2	MmuINT0020368	chr7	1.08E+08	1.08E+08	-	0.037008
Atg16l2	MmuINT0020369	chr7	1.08E+08	1.08E+08	-	0.246631
Atg16l2	MmuINT0020370	chr7	1.08E+08	1.08E+08	-	0.049493
Atg16l2	MmuINT0020371	chr7	1.08E+08	1.08E+08	-	0.524677
Atg16l2	MmuINT0020372	chr7	1.08E+08	1.08E+08	-	0.112251
Atg16l2	MmuINT0020373	chr7	1.08E+08	1.08E+08	-	0.057033
Atg16l2	MmuINT0020374	chr7	1.08E+08	1.08E+08	-	0.034737
Atg16l2	MmuINT0020375	chr7	1.08E+08	1.08E+08	-	0.040002
Atg16l2	MmuINT0020376	chr7	1.08E+08	1.08E+08	-	0.030108
Atg16l2	MmuINT0020377	chr7	1.08E+08	1.08E+08	-	0.035049

Atg16l2	MmuINT0020378	chr7	1.08E+08	1.08E+08	-	0.023857
Atg16l2	MmuINT0020379	chr7	1.08E+08	1.08E+08	-	0.491907
Atg16l2	MmuINT0020380	chr7	1.08E+08	1.08E+08	-	0.125025
Atg16l2	MmuINT0020381	chr7	1.08E+08	1.08E+08	-	0.088662
Atg16l2	MmuINT0020382	chr7	1.08E+08	1.08E+08	-	0.140918
Atg2a	MmuINT0020384	chr19	6241967	6244426	+	0.016677
Atg2a	MmuINT0020385	chr19	6248111	6248196	+	0.028926
Atg2a	MmuINT0020386	chr19	6248290	6249771	+	0.015824
Atg2a	MmuINT0020387	chr19	6249928	6250023	+	0.017479
Atg2a	MmuINT0020388	chr19	6250268	6250412	+	0.013387
Atg2a	MmuINT0020389	chr19	6250510	6250595	+	0.008997
Atg2a	MmuINT0020390	chr19	6250756	6251258	+	0.011112
Atg2a	MmuINT0020391	chr19	6251402	6251487	+	0.014675
Atg2a	MmuINT0020392	chr19	6251604	6251705	+	0.050817
Atg2a	MmuINT0020393	chr19	6251864	6252426	+	0.010941
Atg2a	MmuINT0020394	chr19	6252578	6252689	+	0.060727
Atg2a	MmuINT0020395	chr19	6244590	6244686	+	0.019322
Atg2a	MmuINT0020396	chr19	6252884	6252987	+	0.018986
Atg2a	MmuINT0020397	chr19	6253069	6253333	+	0.014081
Atg2a	MmuINT0020398	chr19	6253441	6253523	+	0.054814
Atg2a	MmuINT0020399	chr19	6253617	6254358	+	0.078413
Atg2a	MmuINT0020400	chr19	6254430	6254589	+	0.021857
Atg2a	MmuINT0020401	chr19	6254667	6255100	+	0.048471
Atg2a	MmuINT0020402	chr19	6255266	6255408	+	0.065083
Atg2a	MmuINT0020403	chr19	6255539	6255618	+	0.031181
Atg2a	MmuINT0020404	chr19	6255828	6256167	+	0.193629
Atg2a	MmuINT0020405	chr19	6256377	6256551	+	0.018543
Atg2a	MmuINT0020406	chr19	6244840	6245045	+	0.041005
Atg2a	MmuINT0020407	chr19	6256688	6257438	+	0.010894
Atg2a	MmuINT0020408	chr19	6257643	6257776	+	0.015012
Atg2a	MmuINT0020409	chr19	6257879	6257962	+	0.010336
Atg2a	MmuINT0020410	chr19	6258045	6258133	+	0.009703
Atg2a	MmuINT0020411	chr19	6258267	6258360	+	0.020241
Atg2a	MmuINT0020412	chr19	6258434	6258550	+	0.033862
Atg2a	MmuINT0020413	chr19	6258634	6258863	+	0.02776
Atg2a	MmuINT0020414	chr19	6258986	6259988	+	0.028553
Atg2a	MmuINT0020415	chr19	6260144	6261371	+	0.012449
Atg2a	MmuINT0020416	chr19	6261525	6261600	+	0.009075
Atg2a	MmuINT0020419	chr19	6246401	6246487	+	0.016188
Atg2a	MmuINT0020420	chr19	6246650	6246751	+	0.014339
Atg2a	MmuINT0020421	chr19	6246893	6247638	+	0.012372
Atg2a	MmuINT0020422	chr19	6247877	6247962	+	0.016253
Atg2b	MmuINT0020423	chr12	1.07E+08	1.07E+08	-	0.041146
Atg2b	MmuINT0020424	chr12	1.07E+08	1.07E+08	-	0.026288
Atg2b	MmuINT0020425	chr12	1.07E+08	1.07E+08	-	0.021268
Atg2b	MmuINT0020426	chr12	1.07E+08	1.07E+08	-	0.028326
Atg2b	MmuINT0020427	chr12	1.07E+08	1.07E+08	-	0.039832
Atg2b	MmuINT0020428	chr12	1.07E+08	1.07E+08	-	0.038285
Atg2b	MmuINT0020429	chr12	1.07E+08	1.07E+08	-	0.027125
Atg2b	MmuINT0020430	chr12	1.07E+08	1.07E+08	-	0.021965

Atg2b	MmuINT0020431	chr12	1.07E+08	1.07E+08	-	0.026494
Atg2b	MmuINT0020432	chr12	1.07E+08	1.07E+08	-	0.026669
Atg2b	MmuINT0020433	chr12	1.07E+08	1.07E+08	-	0.031563
Atg2b	MmuINT0020434	chr12	1.07E+08	1.07E+08	-	0.031963
Atg2b	MmuINT0020435	chr12	1.07E+08	1.07E+08	-	0.016033
Atg2b	MmuINT0020436	chr12	1.07E+08	1.07E+08	-	0.043729
Atg2b	MmuINT0020437	chr12	1.07E+08	1.07E+08	-	0.040759
Atg2b	MmuINT0020438	chr12	1.07E+08	1.07E+08	-	0.029181
Atg2b	MmuINT0020439	chr12	1.07E+08	1.07E+08	-	0.030251
Atg2b	MmuINT0020440	chr12	1.07E+08	1.07E+08	-	0.030143
Atg2b	MmuINT0020441	chr12	1.07E+08	1.07E+08	-	0.044982
Atg2b	MmuINT0020442	chr12	1.07E+08	1.07E+08	-	0.027817
Atg2b	MmuINT0020443	chr12	1.07E+08	1.07E+08	-	0.01478
Atg2b	MmuINT0020444	chr12	1.07E+08	1.07E+08	-	0.024117
Atg2b	MmuINT0020445	chr12	1.07E+08	1.07E+08	-	0.048786
Atg2b	MmuINT0020446	chr12	1.07E+08	1.07E+08	-	0.034631
Atg2b	MmuINT0020447	chr12	1.07E+08	1.07E+08	-	0.587493
Atg2b	MmuINT0020448	chr12	1.07E+08	1.07E+08	-	0.03425
Atg2b	MmuINT0020449	chr12	1.07E+08	1.07E+08	-	0.023921
Atg2b	MmuINT0020450	chr12	1.07E+08	1.07E+08	-	0.049072
Atg2b	MmuINT0020451	chr12	1.07E+08	1.07E+08	-	0.020089
Atg2b	MmuINT0020452	chr12	1.07E+08	1.07E+08	-	0.023402
Atg2b	MmuINT0020453	chr12	1.07E+08	1.07E+08	-	0.049443
Atg2b	MmuINT0020454	chr12	1.07E+08	1.07E+08	-	0.043397
Atg2b	MmuINT0020455	chr12	1.07E+08	1.07E+08	-	0.021846
Atg2b	MmuINT0020457	chr12	1.07E+08	1.07E+08	-	0.012908
Atg2b	MmuINT0020458	chr12	1.07E+08	1.07E+08	-	0.034382
Atg2b	MmuINT0020459	chr12	1.07E+08	1.07E+08	-	0.025086
Atg2b	MmuINT0020460	chr12	1.07E+08	1.07E+08	-	0.04054
Atg2b	MmuINT0020461	chr12	1.07E+08	1.07E+08	-	0.026862
Atg2b	MmuINT0020462	chr12	1.07E+08	1.07E+08	-	0.033877
Atg2b	MmuINT0020463	chr12	1.07E+08	1.07E+08	-	0.026788
Atg3	MmuINT0020464	chr16	45159285	45162518	+	0.008524
Atg3	MmuINT0020465	chr16	45183923	45186278	+	0.02375
Atg3	MmuINT0020466	chr16	45186348	45187772	+	0.060329
Atg3	MmuINT0020467	chr16	45162561	45167092	+	0.021434
Atg3	MmuINT0020468	chr16	45167143	45169978	+	0.013048
Atg3	MmuINT0020469	chr16	45170050	45171758	+	0.006666
Atg3	MmuINT0020470	chr16	45171867	45175361	+	0.009614
Atg3	MmuINT0020471	chr16	45175412	45178342	+	0.008242
Atg3	MmuINT0020472	chr16	45178425	45182768	+	0.016312
Atg3	MmuINT0020473	chr16	45182804	45182933	+	0.009025
Atg3	MmuINT0020474	chr16	45183090	45183794	+	0.005821
Atg4b	MmuINT0020487	chr1	95651632	95664629	+	0.011075
Atg4b	MmuINT0020488	chr1	95681476	95682486	+	0.036966
Atg4b	MmuINT0020489	chr1	95682544	95683087	+	0.020978
Atg4b	MmuINT0020491	chr1	95664732	95664829	+	0.004771
Atg4b	MmuINT0020492	chr1	95664902	95670346	+	0.014484
Atg4b	MmuINT0020493	chr1	95670446	95671709	+	0.007459
Atg4b	MmuINT0020494	chr1	95671812	95672204	+	0.018269

Atg4b	MmuINT0020495	chr1	95672278	95674861	+	0.042853
Atg4b	MmuINT0020496	chr1	95674942	95677294	+	0.00668
Atg4b	MmuINT0020497	chr1	95677489	95680988	+	0.000919
Atg4b	MmuINT0020498	chr1	95681068	95681329	+	0.014458
Atg4c	MmuINT0020500	chr4	98901878	98925087	+	0.055493
Atg4c	MmuINT0020502	chr4	98882653	98884655	+	0.069817
Atg4c	MmuINT0020503	chr4	98884890	98887882	+	0.031142
Atg4c	MmuINT0020504	chr4	98888214	98889563	+	0.046921
Atg4c	MmuINT0020505	chr4	98889635	98891104	+	0.033691
Atg4c	MmuINT0020506	chr4	98891242	98895246	+	0.067287
Atg4c	MmuINT0020508	chr4	98896256	98901757	+	0.066767
Atg4d	MmuINT0020509	chr9	21070162	21071182	+	0.021224
Atg4d	MmuINT0020510	chr9	21071267	21071350	+	0.00773
Atg4d	MmuINT0020511	chr9	21071525	21072694	+	0.006786
Atg4d	MmuINT0020512	chr9	21072972	21073048	+	0.015129
Atg4d	MmuINT0020513	chr9	21073114	21075163	+	0.006408
Atg4d	MmuINT0020514	chr9	21075295	21076911	+	0.012577
Atg4d	MmuINT0020515	chr9	21076991	21077079	+	0.008817
Atg4d	MmuINT0020516	chr9	21077157	21077234	+	0.032224
Atg4d	MmuINT0020517	chr9	21077355	21077697	+	0.048964
Atg5	MmuINT0020518	chr10	43988391	44005837	+	0.011392
Atg5	MmuINT0020519	chr10	44006004	44009668	+	0.011655
Atg5	MmuINT0020520	chr10	44009797	44014401	+	0.014657
Atg5	MmuINT0020521	chr10	44014481	44023372	+	0.015281
Atg5	MmuINT0020522	chr10	44023536	44039265	+	0.011446
Atg5	MmuINT0020523	chr10	44039361	44066762	+	0.012406
Atg5	MmuINT0020524	chr10	44066881	44082721	+	0.009846
Atg7	MmuINT0020530	chr6	1.15E+08	1.15E+08	+	0.027082
Atg7	MmuINT0020531	chr6	1.15E+08	1.15E+08	+	0.016675
Atg7	MmuINT0020532	chr6	1.15E+08	1.15E+08	+	0.011062
Atg9a	MmuINT0020537	chr1	75187452	75188397	-	0.042979
Atg9a	MmuINT0020538	chr1	75181876	75182239	-	0.003599
Atg9a	MmuINT0020539	chr1	75181442	75181626	-	0.009814
Atg9a	MmuINT0020540	chr1	75181148	75181262	-	0.018037
Atg9a	MmuINT0020542	chr1	75179312	75179467	-	0.012933
Atg9a	MmuINT0020543	chr1	75178506	75179165	-	0.018416
Atg9a	MmuINT0020544	chr1	75187009	75187396	-	0.020993
Atg9a	MmuINT0020545	chr1	75186730	75186876	-	0.007411
Atg9a	MmuINT0020546	chr1	75186202	75186685	-	0.015927
Atg9a	MmuINT0020547	chr1	75184681	75186136	-	0.008775
Atg9a	MmuINT0020548	chr1	75184401	75184518	-	0.00316
Atg9a	MmuINT0020549	chr1	75183513	75184258	-	0.022647
Atg9a	MmuINT0020550	chr1	75182679	75182763	-	0.003482
Atg9a	MmuINT0020551	chr1	75182420	75182524	-	0.004974
Atg9b	MmuINT0020556	chr5	23890890	23891041	-	0.103242
Athl1	MmuINT0020567	chr7	1.48E+08	1.48E+08	+	0.056132
Athl1	MmuINT0020568	chr7	1.48E+08	1.48E+08	+	0.138359
Athl1	MmuINT0020569	chr7	1.48E+08	1.48E+08	+	0.212306
Athl1	MmuINT0020570	chr7	1.48E+08	1.48E+08	+	0.091934
Athl1	MmuINT0020571	chr7	1.48E+08	1.48E+08	+	0.06884

Athl1	MmuINT0020572	chr7	1.48E+08	1.48E+08	+	0.242966
Athl1	MmuINT0020574	chr7	1.48E+08	1.48E+08	+	0.597994
Athl1	MmuINT0020576	chr7	1.48E+08	1.48E+08	+	0.089552
Athl1	MmuINT0020577	chr7	1.48E+08	1.48E+08	+	0.12682
Atic	MmuINT0020578	chr1	71603849	71604070	+	0.005878
Atic	MmuINT0020579	chr1	71616500	71617413	+	0.007293
Atic	MmuINT0020580	chr1	71617504	71619481	+	0.010821
Atic	MmuINT0020581	chr1	71619611	71622614	+	0.011251
Atic	MmuINT0020582	chr1	71622708	71623190	+	0.011784
Atic	MmuINT0020583	chr1	71623374	71624359	+	0.011147
Atic	MmuINT0020584	chr1	71624516	71625125	+	0.006147
Atic	MmuINT0020585	chr1	71604198	71605799	+	0.005927
Atic	MmuINT0020586	chr1	71605877	71607462	+	0.013788
Atic	MmuINT0020587	chr1	71607530	71610332	+	0.012902
Atic	MmuINT0020588	chr1	71610422	71610979	+	0.009691
Atic	MmuINT0020589	chr1	71611132	71611384	+	0.008425
Atic	MmuINT0020590	chr1	71611542	71614387	+	0.007667
Atic	MmuINT0020591	chr1	71614514	71615536	+	0.00753
Atic	MmuINT0020592	chr1	71615645	71616413	+	0.016834
Atl1	MmuINT0020595	chr12	71055500	71056302	+	0.036064
Atl1	MmuINT0020596	chr12	71056375	71060027	+	0.055076
Atl1	MmuINT0020597	chr12	71060460	71061534	+	0.356656
Atl1	MmuINT0020598	chr12	71061550	71064214	+	0.104245
Atl2	MmuINT0020607	chr17	80275387	80295248	-	0.0058
Atl2	MmuINT0020608	chr17	80253246	80253893	-	0.012697
Atl2	MmuINT0020609	chr17	80252297	80253173	-	0.007285
Atl2	MmuINT0020610	chr17	80249619	80251864	-	0.044224
Atl2	MmuINT0020611	chr17	80264517	80275141	-	0.014812
Atl2	MmuINT0020612	chr17	80264148	80264381	-	0.009133
Atl2	MmuINT0020613	chr17	80260820	80264042	-	0.01272
Atl2	MmuINT0020614	chr17	80260500	80260768	-	0.012913
Atl2	MmuINT0020615	chr17	80259220	80260442	-	0.009325
Atl2	MmuINT0020616	chr17	80256587	80259126	-	0.007052
Atl2	MmuINT0020617	chr17	80255604	80256447	-	0.010623
Atl2	MmuINT0020618	chr17	80253951	80255475	-	0.039329
Atl3	MmuINT0020622	chr19	7605082	7606505	+	0.359102
Atl3	MmuINT0020623	chr19	7606938	7608439	+	0.039627
Atl3	MmuINT0020624	chr19	7584053	7584472	+	0.035579
Atl3	MmuINT0020625	chr19	7584617	7591367	+	0.052961
Atl3	MmuINT0020627	chr19	7593087	7595276	+	0.225021
Atl3	MmuINT0020628	chr19	7595334	7595599	+	0.047729
Atl3	MmuINT0020629	chr19	7595693	7596558	+	0.038532
Atl3	MmuINT0020630	chr19	7596698	7603431	+	0.063324
Atl3	MmuINT0020631	chr19	7603560	7604097	+	0.050802
Atm	MmuINT0020633	chr9	53342072	53344667	-	0.049122
Atm	MmuINT0020655	chr9	53339882	53341764	-	0.057979
Atm	MmuINT0020673	chr9	53268053	53268995	-	0.047173
Atm	MmuINT0020674	chr9	53267082	53267817	-	0.041234
Atm	MmuINT0020675	chr9	53265597	53266907	-	0.051114
Atm	MmuINT0020676	chr9	53264814	53265482	-	0.037939

Atm	MmuINT0020678	chr9	53264081	53264598	-	0.063639
Atm	MmuINT0020679	chr9	53262935	53263872	-	0.055407
Atm	MmuINT0020680	chr9	53262553	53262820	-	0.050808
Atm	MmuINT0020681	chr9	53261776	53262393	-	0.055737
Atm	MmuINT0020682	chr9	53261541	53261636	-	0.0513
Atm	MmuINT0020683	chr9	53259795	53261457	-	0.053228
Atm	MmuINT0020684	chr9	53258740	53259653	-	0.05921
Atm	MmuINT0020685	chr9	53256308	53258622	-	0.035374
Atm	MmuINT0020686	chr9	53253616	53256157	-	0.043847
Atm	MmuINT0020687	chr9	53252184	53253449	-	0.03188
Atm	MmuINT0020689	chr9	53250627	53252096	-	0.072724
Atm	MmuINT0020690	chr9	53249843	53250511	-	0.052517
Atm	MmuINT0020691	chr9	53248273	53249778	-	0.1256
Atm	MmuINT0020692	chr9	53248035	53248135	-	0.037168
Atmin	MmuINT0020696	chr8	1.19E+08	1.19E+08	+	0.023876
Atmin	MmuINT0020697	chr8	1.19E+08	1.19E+08	+	0.023197
Atmin	MmuINT0020698	chr8	1.19E+08	1.19E+08	+	0.019483
Atn1	MmuINT0020699	chr6	1.25E+08	1.25E+08	-	0.018136
Atn1	MmuINT0020700	chr6	1.25E+08	1.25E+08	-	0.007839
Atn1	MmuINT0020701	chr6	1.25E+08	1.25E+08	-	0.011536
Atn1	MmuINT0020702	chr6	1.25E+08	1.25E+08	-	0.016989
Atn1	MmuINT0020703	chr6	1.25E+08	1.25E+08	-	0.006547
Atn1	MmuINT0020704	chr6	1.25E+08	1.25E+08	-	0.018066
Atn1	MmuINT0020705	chr6	1.25E+08	1.25E+08	-	0.020744
Atn1	MmuINT0020706	chr6	1.25E+08	1.25E+08	-	0.011322
Atn1	MmuINT0020707	chr6	1.25E+08	1.25E+08	-	0.008598
Atoh8	MmuINT0020708	chr6	72173928	72184387	-	0.018307
Atoh8	MmuINT0020709	chr6	72157150	72173735	-	0.023884
Atox1	MmuINT0020710	chr11	55268459	55274589	-	0.002705
Atox1	MmuINT0020711	chr11	55264128	55268382	-	0.001505
Atox1	MmuINT0020712	chr11	55260287	55263958	-	0.003725
Atp10d	MmuINT0020756	chr5	72646386	72652162	+	0.055484
Atp10d	MmuINT0020758	chr5	72655852	72657209	+	0.051781
Atp10d	MmuINT0020760	chr5	72658773	72660510	+	0.04072
Atp10d	MmuINT0020765	chr5	72673545	72679381	+	0.040017
Atp10d	MmuINT0020767	chr5	72679463	72680556	+	0.04752
Atp10d	MmuINT0020768	chr5	72680662	72686880	+	0.14017
Atp10d	MmuINT0020769	chr5	72687069	72688166	+	0.632054
Atp10d	MmuINT0020773	chr5	72637050	72637330	+	0.073395
Atp10d	MmuINT0020774	chr5	72637463	72638055	+	0.517383
Atp11a	MmuINT0020777	chr8	12757353	12806649	+	0.012548
Atp11a	MmuINT0020778	chr8	12826407	12827447	+	0.009307
Atp11a	MmuINT0020779	chr8	12827599	12828448	+	0.00572
Atp11a	MmuINT0020780	chr8	12828647	12831084	+	0.007121
Atp11a	MmuINT0020781	chr8	12831259	12832508	+	0.005087
Atp11a	MmuINT0020782	chr8	12832679	12834636	+	0.00488
Atp11a	MmuINT0020783	chr8	12834709	12835160	+	0.004287
Atp11a	MmuINT0020784	chr8	12835235	12837911	+	0.003979
Atp11a	MmuINT0020785	chr8	12838016	12842825	+	0.004711
Atp11a	MmuINT0020786	chr8	12843008	12844403	+	0.003113



Atp11a	MmuINT0020787	chr8	12844656	12846040	+	0.003003
Atp11a	MmuINT0020788	chr8	12806773	12812311	+	0.004714
Atp11a	MmuINT0020789	chr8	12846219	12847472	+	0.0053
Atp11a	MmuINT0020790	chr8	12847576	12847739	+	0.004351
Atp11a	MmuINT0020791	chr8	12847886	12848802	+	0.017664
Atp11a	MmuINT0020792	chr8	12848863	12849774	+	0.004103
Atp11a	MmuINT0020793	chr8	12849903	12851036	+	0.003831
Atp11a	MmuINT0020794	chr8	12851173	12856933	+	0.006855
Atp11a	MmuINT0020795	chr8	12857000	12857882	+	0.011526
Atp11a	MmuINT0020796	chr8	12857987	12859313	+	0.006471
Atp11a	MmuINT0020797	chr8	12859480	12864919	+	0.361987
Atp11a	MmuINT0020798	chr8	12812402	12813074	+	0.004402
Atp11a	MmuINT0020799	chr8	12813156	12816907	+	0.00532
Atp11a	MmuINT0020800	chr8	12817016	12820389	+	0.004741
Atp11a	MmuINT0020801	chr8	12820519	12822612	+	0.004524
Atp11a	MmuINT0020802	chr8	12822717	12823001	+	0.005591
Atp11a	MmuINT0020803	chr8	12823053	12825679	+	0.006725
Atp11a	MmuINT0020804	chr8	12825745	12826324	+	0.006808
Atp11b	MmuINT0020805	chr3	35653333	35676946	+	0.019022
Atp11b	MmuINT0020806	chr3	35699488	35704655	+	0.014403
Atp11b	MmuINT0020807	chr3	35704807	35705689	+	0.01194
Atp11b	MmuINT0020808	chr3	35705888	35708278	+	0.017767
Atp11b	MmuINT0020809	chr3	35708519	35709042	+	0.010967
Atp11b	MmuINT0020810	chr3	35709219	35709567	+	0.012081
Atp11b	MmuINT0020811	chr3	35709637	35710984	+	0.019308
Atp11b	MmuINT0020812	chr3	35711059	35711134	+	0.019412
Atp11b	MmuINT0020813	chr3	35711239	35712965	+	0.012746
Atp11b	MmuINT0020814	chr3	35713148	35718830	+	0.009533
Atp11b	MmuINT0020815	chr3	35719035	35725866	+	0.008117
Atp11b	MmuINT0020817	chr3	35726021	35727522	+	0.011603
Atp11b	MmuINT0020818	chr3	35727626	35730287	+	0.014373
Atp11b	MmuINT0020819	chr3	35730434	35731842	+	0.033624
Atp11b	MmuINT0020820	chr3	35731903	35733216	+	0.022527
Atp11b	MmuINT0020821	chr3	35733345	35734160	+	0.017422
Atp11b	MmuINT0020822	chr3	35734300	35735880	+	0.011707
Atp11b	MmuINT0020823	chr3	35735947	35736407	+	0.012514
Atp11b	MmuINT0020824	chr3	35736512	35737970	+	0.062366
Atp11b	MmuINT0020825	chr3	35738137	35748355	+	0.015665
Atp11b	MmuINT0020826	chr3	35748487	35754026	+	0.014732
Atp11b	MmuINT0020827	chr3	35681524	35683428	+	0.017402
Atp11b	MmuINT0020828	chr3	35683510	35687008	+	0.014937
Atp11b	MmuINT0020829	chr3	35687117	35687347	+	0.014178
Atp11b	MmuINT0020830	chr3	35687477	35688479	+	0.01913
Atp11b	MmuINT0020831	chr3	35688584	35694680	+	0.014473
Atp11b	MmuINT0020833	chr3	35697581	35699405	+	0.029658
Atp11c	MmuINT0020836	chrX	57543898	57545096	-	0.050431
Atp11c	MmuINT0020837	chrX	57543269	57543746	-	0.058421
Atp11c	MmuINT0020838	chrX	57534907	57543070	-	0.054053
Atp11c	MmuINT0020839	chrX	57533986	57534744	-	0.040194
Atp11c	MmuINT0020840	chrX	57533281	57533833	-	0.070293

Atp11c	MmuINT0020841	chrX	57532045	57533208	-	0.062156
Atp11c	MmuINT0020842	chrX	57530658	57531970	-	0.064448
Atp11c	MmuINT0020843	chrX	57529967	57530553	-	0.033376
Atp11c	MmuINT0020844	chrX	57523175	57529784	-	0.065208
Atp11c	MmuINT0020845	chrX	57520088	57522910	-	0.061833
Atp11c	MmuINT0020847	chrX	57514932	57519912	-	0.078025
Atp11c	MmuINT0020848	chrX	57513484	57514828	-	0.062147
Atp11c	MmuINT0020849	chrX	57501126	57513337	-	0.050903
Atp11c	MmuINT0020850	chrX	57498469	57501065	-	0.061229
Atp11c	MmuINT0020851	chrX	57496075	57498340	-	0.053123
Atp11c	MmuINT0020852	chrX	57494016	57495938	-	0.067016
Atp11c	MmuINT0020853	chrX	57491751	57493949	-	0.069595
Atp11c	MmuINT0020854	chrX	57489888	57491646	-	0.058322
Atp11c	MmuINT0020856	chrX	57478971	57482324	-	0.190585
Atp11c	MmuINT0020857	chrX	57560455	57562892	-	0.066448
Atp11c	MmuINT0020860	chrX	57548470	57550137	-	0.052281
Atp13a1	MmuINT0020886	chr8	72315541	72317647	+	0.047266
Atp13a1	MmuINT0020887	chr8	72322413	72322482	+	0.216184
Atp13a1	MmuINT0020888	chr8	72322621	72322710	+	0.025917
Atp13a1	MmuINT0020889	chr8	72322832	72323219	+	0.034174
Atp13a1	MmuINT0020890	chr8	72323378	72323660	+	0.02249
Atp13a1	MmuINT0020891	chr8	72323837	72323910	+	0.021714
Atp13a1	MmuINT0020892	chr8	72324022	72324800	+	0.015986
Atp13a1	MmuINT0020893	chr8	72324927	72325932	+	0.047888
Atp13a1	MmuINT0020894	chr8	72326042	72327358	+	0.048693
Atp13a1	MmuINT0020895	chr8	72327559	72327638	+	0.013659
Atp13a1	MmuINT0020896	chr8	72327736	72329118	+	0.072211
Atp13a1	MmuINT0020897	chr8	72317738	72317828	+	0.0249
Atp13a1	MmuINT0020898	chr8	72329277	72329346	+	0.135875
Atp13a1	MmuINT0020899	chr8	72329462	72329544	+	0.048423
Atp13a1	MmuINT0020900	chr8	72329742	72330659	+	0.038195
Atp13a1	MmuINT0020901	chr8	72330803	72330895	+	0.027396
Atp13a1	MmuINT0020902	chr8	72331008	72331090	+	0.01702
Atp13a1	MmuINT0020903	chr8	72331235	72331317	+	0.04834
Atp13a1	MmuINT0020904	chr8	72318020	72320477	+	0.016765
Atp13a1	MmuINT0020905	chr8	72320551	72320728	+	0.017516
Atp13a1	MmuINT0020906	chr8	72320885	72320980	+	0.018194
Atp13a1	MmuINT0020907	chr8	72321051	72321123	+	0.061405
Atp13a1	MmuINT0020908	chr8	72321231	72321605	+	0.052154
Atp13a1	MmuINT0020909	chr8	72321736	72321839	+	0.065766
Atp13a1	MmuINT0020910	chr8	72321896	72322285	+	0.120659
Atp13a2	MmuINT0020911	chr4	1.41E+08	1.41E+08	+	0.032537
Atp13a2	MmuINT0020912	chr4	1.41E+08	1.41E+08	+	0.018892
Atp13a2	MmuINT0020913	chr4	1.41E+08	1.41E+08	+	0.020155
Atp13a2	MmuINT0020914	chr4	1.41E+08	1.41E+08	+	0.016829
Atp13a2	MmuINT0020915	chr4	1.41E+08	1.41E+08	+	0.020861
Atp13a2	MmuINT0020916	chr4	1.41E+08	1.41E+08	+	0.0264
Atp13a2	MmuINT0020917	chr4	1.41E+08	1.41E+08	+	0.042957
Atp13a2	MmuINT0020918	chr4	1.41E+08	1.41E+08	+	0.026219
Atp13a2	MmuINT0020919	chr4	1.41E+08	1.41E+08	+	0.061647

Atp13a2	MmuINT0020920	chr4	1.41E+08	1.41E+08	+	0.016704
Atp13a2	MmuINT0020921	chr4	1.41E+08	1.41E+08	+	0.009836
Atp13a2	MmuINT0020922	chr4	1.41E+08	1.41E+08	+	0.021219
Atp13a2	MmuINT0020923	chr4	1.41E+08	1.41E+08	+	0.017195
Atp13a2	MmuINT0020924	chr4	1.41E+08	1.41E+08	+	0.017748
Atp13a2	MmuINT0020925	chr4	1.41E+08	1.41E+08	+	0.02621
Atp13a2	MmuINT0020926	chr4	1.41E+08	1.41E+08	+	0.015332
Atp13a2	MmuINT0020927	chr4	1.41E+08	1.41E+08	+	0.011189
Atp13a2	MmuINT0020928	chr4	1.41E+08	1.41E+08	+	0.0593
Atp13a2	MmuINT0020929	chr4	1.41E+08	1.41E+08	+	0.046961
Atp13a2	MmuINT0020930	chr4	1.41E+08	1.41E+08	+	0.014602
Atp13a2	MmuINT0020931	chr4	1.41E+08	1.41E+08	+	0.021
Atp13a2	MmuINT0020932	chr4	1.41E+08	1.41E+08	+	0.016119
Atp13a2	MmuINT0020933	chr4	1.41E+08	1.41E+08	+	0.03975
Atp13a2	MmuINT0020934	chr4	1.41E+08	1.41E+08	+	0.022097
Atp13a2	MmuINT0020935	chr4	1.41E+08	1.41E+08	+	0.023859
Atp13a2	MmuINT0020936	chr4	1.41E+08	1.41E+08	+	0.035367
Atp13a2	MmuINT0020937	chr4	1.41E+08	1.41E+08	+	0.015903
Atp13a3	MmuINT0020939	chr16	30387739	30388433	-	0.050184
Atp13a3	MmuINT0020940	chr16	30352486	30354317	-	0.03296
Atp13a3	MmuINT0020941	chr16	30351495	30352353	-	0.014253
Atp13a3	MmuINT0020942	chr16	30351207	30351314	-	0.015723
Atp13a3	MmuINT0020943	chr16	30349960	30351048	-	0.011974
Atp13a3	MmuINT0020944	chr16	30348198	30349770	-	0.014457
Atp13a3	MmuINT0020945	chr16	30347863	30348135	-	0.017744
Atp13a3	MmuINT0020946	chr16	30344725	30347711	-	0.010275
Atp13a3	MmuINT0020947	chr16	30343994	30344607	-	0.02469
Atp13a3	MmuINT0020948	chr16	30343883	30343975	-	0.011301
Atp13a3	MmuINT0020949	chr16	30343641	30343728	-	0.016651
Atp13a3	MmuINT0020950	chr16	30367022	30387692	-	0.031914
Atp13a3	MmuINT0020951	chr16	30341364	30343519	-	0.015273
Atp13a3	MmuINT0020952	chr16	30340485	30341238	-	0.01247
Atp13a3	MmuINT0020953	chr16	30339985	30340308	-	0.017025
Atp13a3	MmuINT0020954	chr16	30339779	30339861	-	0.013595
Atp13a3	MmuINT0020955	chr16	30338756	30339698	-	0.015611
Atp13a3	MmuINT0020956	chr16	30338628	30338712	-	0.019209
Atp13a3	MmuINT0020957	chr16	30337685	30338517	-	0.018731
Atp13a3	MmuINT0020958	chr16	30336349	30337587	-	0.016914
Atp13a3	MmuINT0020959	chr16	30334014	30336275	-	0.013644
Atp13a3	MmuINT0020960	chr16	30332473	30333844	-	0.01856
Atp13a3	MmuINT0020961	chr16	30362836	30366920	-	0.018422
Atp13a3	MmuINT0020962	chr16	30329131	30332284	-	0.015982
Atp13a3	MmuINT0020963	chr16	30323039	30329041	-	0.043192
Atp13a3	MmuINT0020964	chr16	30315988	30322957	-	0.204361
Atp13a3	MmuINT0020965	chr16	30362071	30362661	-	0.018684
Atp13a3	MmuINT0020966	chr16	30361577	30361899	-	0.022325
Atp13a3	MmuINT0020967	chr16	30359836	30361505	-	0.023438
Atp13a3	MmuINT0020968	chr16	30357361	30359754	-	0.031856
Atp13a3	MmuINT0020969	chr16	30355974	30357290	-	0.020165
Atp13a3	MmuINT0020970	chr16	30354391	30355838	-	0.019662

Atp1a1	MmuINT0021030	chr3	1.01E+08	1.01E+08	-	0.001532
Atp1a1	MmuINT0021031	chr3	1.01E+08	1.01E+08	-	0.003248
Atp1a1	MmuINT0021032	chr3	1.01E+08	1.01E+08	-	0.001137
Atp1a1	MmuINT0021033	chr3	1.01E+08	1.01E+08	-	0.001175
Atp1a1	MmuINT0021034	chr3	1.01E+08	1.01E+08	-	0.002688
Atp1a1	MmuINT0021035	chr3	1.01E+08	1.01E+08	-	0.00152
Atp1a1	MmuINT0021036	chr3	1.01E+08	1.01E+08	-	0.00186
Atp1a1	MmuINT0021038	chr3	1.01E+08	1.01E+08	-	0.00116
Atp1a1	MmuINT0021039	chr3	1.01E+08	1.01E+08	-	0.00625
Atp1a1	MmuINT0021040	chr3	1.01E+08	1.01E+08	-	0.003661
Atp1a1	MmuINT0021041	chr3	1.01E+08	1.01E+08	-	0.000442
Atp1a1	MmuINT0021042	chr3	1.01E+08	1.01E+08	-	0.00662
Atp1a1	MmuINT0021043	chr3	1.01E+08	1.01E+08	-	0.020093
Atp1a1	MmuINT0021044	chr3	1.01E+08	1.01E+08	-	0.013393
Atp1a1	MmuINT0021045	chr3	1.01E+08	1.01E+08	-	0.000626
Atp1a1	MmuINT0021046	chr3	1.01E+08	1.01E+08	-	0.000379
Atp1a1	MmuINT0021047	chr3	1.01E+08	1.01E+08	-	0.000198
Atp1a1	MmuINT0021048	chr3	1.01E+08	1.01E+08	-	0.000339
Atp1a1	MmuINT0021049	chr3	1.01E+08	1.01E+08	-	0.000578
Atp1a1	MmuINT0021050	chr3	1.01E+08	1.01E+08	-	0.000352
Atp1a1	MmuINT0021051	chr3	1.01E+08	1.01E+08	-	0.000541
Atp1a2	MmuINT0021052	chr1	1.74E+08	1.74E+08	-	0.000414
Atp1a2	MmuINT0021053	chr1	1.74E+08	1.74E+08	-	0.000523
Atp1a2	MmuINT0021054	chr1	1.74E+08	1.74E+08	-	0.006328
Atp1a2	MmuINT0021055	chr1	1.74E+08	1.74E+08	-	0.000401
Atp1a2	MmuINT0021056	chr1	1.74E+08	1.74E+08	-	0.001333
Atp1a2	MmuINT0021057	chr1	1.74E+08	1.74E+08	-	0.001489
Atp1a2	MmuINT0021058	chr1	1.74E+08	1.74E+08	-	0.00071
Atp1a2	MmuINT0021059	chr1	1.74E+08	1.74E+08	-	0.000291
Atp1a2	MmuINT0021060	chr1	1.74E+08	1.74E+08	-	0.000291
Atp1a2	MmuINT0021061	chr1	1.74E+08	1.74E+08	-	0.018902
Atp1a2	MmuINT0021062	chr1	1.74E+08	1.74E+08	-	0.000556
Atp1a2	MmuINT0021063	chr1	1.74E+08	1.74E+08	-	0.000562
Atp1a2	MmuINT0021064	chr1	1.74E+08	1.74E+08	-	0.005092
Atp1a2	MmuINT0021065	chr1	1.74E+08	1.74E+08	-	0.000464
Atp1a2	MmuINT0021066	chr1	1.74E+08	1.74E+08	-	0.004308
Atp1a2	MmuINT0021067	chr1	1.74E+08	1.74E+08	-	0.000446
Atp1a2	MmuINT0021068	chr1	1.74E+08	1.74E+08	-	0.000575
Atp1a2	MmuINT0021069	chr1	1.74E+08	1.74E+08	-	0.000337
Atp1a2	MmuINT0021070	chr1	1.74E+08	1.74E+08	-	0.000534
Atp1a2	MmuINT0021071	chr1	1.74E+08	1.74E+08	-	0.00465
Atp1a2	MmuINT0021072	chr1	1.74E+08	1.74E+08	-	0.006886
Atp1a2	MmuINT0021073	chr1	1.74E+08	1.74E+08	-	0.002137
Atp1b1	MmuINT0021117	chr1	1.66E+08	1.66E+08	-	0.000728
Atp1b1	MmuINT0021118	chr1	1.66E+08	1.66E+08	-	0.003342
Atp1b1	MmuINT0021119	chr1	1.66E+08	1.66E+08	-	0.001646
Atp1b1	MmuINT0021120	chr1	1.66E+08	1.66E+08	-	0.002436
Atp1b1	MmuINT0021121	chr1	1.66E+08	1.66E+08	-	0.000714
Atp1b2	MmuINT0021124	chr11	69416408	69416508	-	0.039952
Atp1b2	MmuINT0021126	chr11	69415126	69415926	-	0.035545

Atp1b2	MmuINT0021127	chr11	69414915	69415026	-	0.016669
Atp1b3	MmuINT0021131	chr9	96239129	96240620	-	0.005615
Atp2a2	MmuINT0021163	chr5	1.23E+08	1.23E+08	-	0.002243
Atp2a2	MmuINT0021164	chr5	1.23E+08	1.23E+08	-	0.000098
Atp2a2	MmuINT0021165	chr5	1.23E+08	1.23E+08	-	0.001716
Atp2a2	MmuINT0021166	chr5	1.23E+08	1.23E+08	-	0.000095
Atp2a2	MmuINT0021167	chr5	1.23E+08	1.23E+08	-	0.000083
Atp2a2	MmuINT0021168	chr5	1.23E+08	1.23E+08	-	0.000174
Atp2a2	MmuINT0021169	chr5	1.23E+08	1.23E+08	-	0.000247
Atp2a2	MmuINT0021170	chr5	1.23E+08	1.23E+08	-	0.001023
Atp2a2	MmuINT0021171	chr5	1.23E+08	1.23E+08	-	0.001475
Atp2a2	MmuINT0021173	chr5	1.23E+08	1.23E+08	-	0.000037
Atp2a2	MmuINT0021174	chr5	1.23E+08	1.23E+08	-	0.965134
Atp2a2	MmuINT0021175	chr5	1.23E+08	1.23E+08	-	0.000024
Atp2a2	MmuINT0021176	chr5	1.23E+08	1.23E+08	-	0.000024
Atp2a2	MmuINT0021177	chr5	1.23E+08	1.23E+08	-	0.000536
Atp2a2	MmuINT0021178	chr5	1.23E+08	1.23E+08	-	0.000098
Atp2a2	MmuINT0021179	chr5	1.23E+08	1.23E+08	-	0.000019
Atp2a2	MmuINT0021180	chr5	1.23E+08	1.23E+08	-	0.000124
Atp2a2	MmuINT0021181	chr5	1.23E+08	1.23E+08	-	0.00005
Atp2a3	MmuINT0021186	chr11	72791850	72792181	+	0.050173
Atp2a3	MmuINT0021188	chr11	72793848	72793940	+	0.043602
Atp2a3	MmuINT0021189	chr11	72794277	72795229	+	0.210416
Atp2a3	MmuINT0021190	chr11	72795451	72796125	+	0.225694
Atp2a3	MmuINT0021192	chr11	72797048	72801475	+	0.071551
Atp2a3	MmuINT0021193	chr11	72801610	72801964	+	0.089164
Atp2a3	MmuINT0021194	chr11	72802083	72802471	+	0.090438
Atp2a3	MmuINT0021196	chr11	72802590	72802976	+	0.057127
Atp2a3	MmuINT0021198	chr11	72785752	72785904	+	0.053119
Atp2a3	MmuINT0021202	chr11	72789153	72790639	+	0.03782
Atp2a3	MmuINT0021203	chr11	72790729	72790846	+	0.05778
Atp2b1	MmuINT0021204	chr10	98378006	98431327	+	0.021462
Atp2b1	MmuINT0021205	chr10	98462616	98463921	+	0.012158
Atp2b1	MmuINT0021206	chr10	98464164	98465774	+	0.008271
Atp2b1	MmuINT0021207	chr10	98466013	98472037	+	0.007212
Atp2b1	MmuINT0021208	chr10	98472218	98472835	+	0.038095
Atp2b1	MmuINT0021209	chr10	98472924	98473307	+	0.010958
Atp2b1	MmuINT0021210	chr10	98473415	98477092	+	0.026338
Atp2b1	MmuINT0021211	chr10	98477285	98477517	+	0.042749
Atp2b1	MmuINT0021212	chr10	98477732	98478117	+	0.01223
Atp2b1	MmuINT0021213	chr10	98478330	98479556	+	0.019645
Atp2b1	MmuINT0021214	chr10	98479665	98481348	+	0.064792
Atp2b1	MmuINT0021215	chr10	98431759	98442337	+	0.007894
Atp2b1	MmuINT0021217	chr10	98442536	98449524	+	0.00638
Atp2b1	MmuINT0021218	chr10	98449780	98449874	+	0.010779
Atp2b1	MmuINT0021219	chr10	98450001	98453695	+	0.007655
Atp2b1	MmuINT0021220	chr10	98453837	98456500	+	0.018232
Atp2b1	MmuINT0021221	chr10	98456540	98457279	+	0.011448
Atp2b1	MmuINT0021222	chr10	98457442	98459401	+	0.008901
Atp2b1	MmuINT0021223	chr10	98459617	98462372	+	0.011408

Atp2b4	MmuINT0021266	chr1	1.36E+08	1.36E+08	-	0.044835
Atp2b4	MmuINT0021268	chr1	1.36E+08	1.36E+08	-	0.049742
Atp2b4	MmuINT0021270	chr1	1.36E+08	1.36E+08	-	0.047367
Atp2b4	MmuINT0021271	chr1	1.36E+08	1.36E+08	-	0.041489
Atp2b4	MmuINT0021273	chr1	1.36E+08	1.36E+08	-	0.046434
Atp2b4	MmuINT0021275	chr1	1.36E+08	1.36E+08	-	0.042039
Atp2b4	MmuINT0021279	chr1	1.36E+08	1.36E+08	-	0.036972
Atp2c1	MmuINT0021287	chr9	1.05E+08	1.05E+08	-	0.035574
Atp2c1	MmuINT0021288	chr9	1.05E+08	1.05E+08	-	0.011909
Atp2c1	MmuINT0021289	chr9	1.05E+08	1.05E+08	-	0.014027
Atp2c1	MmuINT0021290	chr9	1.05E+08	1.05E+08	-	0.006845
Atp2c1	MmuINT0021291	chr9	1.05E+08	1.05E+08	-	0.008363
Atp2c1	MmuINT0021292	chr9	1.05E+08	1.05E+08	-	0.006226
Atp2c1	MmuINT0021293	chr9	1.05E+08	1.05E+08	-	0.007155
Atp2c1	MmuINT0021294	chr9	1.05E+08	1.05E+08	-	0.007271
Atp2c1	MmuINT0021295	chr9	1.05E+08	1.05E+08	-	0.006675
Atp2c1	MmuINT0021296	chr9	1.05E+08	1.05E+08	-	0.00556
Atp2c1	MmuINT0021297	chr9	1.05E+08	1.05E+08	-	0.012643
Atp2c1	MmuINT0021298	chr9	1.05E+08	1.05E+08	-	0.021833
Atp2c1	MmuINT0021299	chr9	1.05E+08	1.05E+08	-	0.012579
Atp2c1	MmuINT0021300	chr9	1.05E+08	1.05E+08	-	0.005839
Atp2c1	MmuINT0021301	chr9	1.05E+08	1.05E+08	-	0.014229
Atp2c1	MmuINT0021302	chr9	1.05E+08	1.05E+08	-	0.030641
Atp2c1	MmuINT0021303	chr9	1.05E+08	1.05E+08	-	0.051603
Atp2c1	MmuINT0021304	chr9	1.05E+08	1.05E+08	-	0.007651
Atp2c1	MmuINT0021305	chr9	1.05E+08	1.05E+08	-	0.006896
Atp2c1	MmuINT0021306	chr9	1.05E+08	1.05E+08	-	0.00499
Atp2c1	MmuINT0021307	chr9	1.05E+08	1.05E+08	-	0.025755
Atp2c1	MmuINT0021308	chr9	1.05E+08	1.05E+08	-	0.010759
Atp2c1	MmuINT0021309	chr9	1.05E+08	1.05E+08	-	0.011422
Atp2c1	MmuINT0021310	chr9	1.05E+08	1.05E+08	-	0.011683
Atp2c1	MmuINT0021311	chr9	1.05E+08	1.05E+08	-	0.006988
Atp2c1	MmuINT0021312	chr9	1.05E+08	1.05E+08	-	0.00565
Atp2c1	MmuINT0021313	chr9	1.05E+08	1.05E+08	-	0.013325
Atp5a1	MmuINT0021367	chr18	78012850	78014515	+	0.001702
Atp5a1	MmuINT0021368	chr18	78020096	78020537	+	0.000526
Atp5a1	MmuINT0021369	chr18	78020689	78021039	+	0.000327
Atp5a1	MmuINT0021370	chr18	78014595	78016257	+	0.000407
Atp5a1	MmuINT0021371	chr18	78016428	78017200	+	0.000088
Atp5a1	MmuINT0021372	chr18	78017375	78017470	+	0.000298
Atp5a1	MmuINT0021373	chr18	78017638	78017817	+	0.000467
Atp5a1	MmuINT0021374	chr18	78017967	78018565	+	0.000854
Atp5a1	MmuINT0021375	chr18	78018718	78018817	+	0.000312
Atp5a1	MmuINT0021376	chr18	78019043	78019723	+	0.000431
Atp5a1	MmuINT0021377	chr18	78019832	78019950	+	0.000415
Atp5b	MmuINT0021378	chr10	1.28E+08	1.28E+08	+	0.000092
Atp5b	MmuINT0021379	chr10	1.28E+08	1.28E+08	+	0.000322
Atp5b	MmuINT0021381	chr10	1.28E+08	1.28E+08	+	0.000387
Atp5b	MmuINT0021382	chr10	1.28E+08	1.28E+08	+	0.00155
Atp5b	MmuINT0021383	chr10	1.28E+08	1.28E+08	+	0.00015

Atp5b	MmuINT0021384	chr10	1.28E+08	1.28E+08	+	0.000814
Atp5b	MmuINT0021385	chr10	1.28E+08	1.28E+08	+	0.000182
Atp5b	MmuINT0021386	chr10	1.28E+08	1.28E+08	+	0.000476
Atp5c1	MmuINT0021389	chr2	9985939	9990236	-	0.000896
Atp5c1	MmuINT0021392	chr2	9981284	9984912	-	0.000006
Atp5c1	MmuINT0021393	chr2	9980720	9981127	-	0.000386
Atp5d	MmuINT0021396	chr10	79605352	79606576	+	0.008399
Atp5d	MmuINT0021397	chr10	79606731	79607963	+	0.008138
Atp5d	MmuINT0021398	chr10	79608053	79608167	+	0.002506
Atp5e	MmuINT0021399	chr2	1.74E+08	1.74E+08	-	0.001753
Atp5e	MmuINT0021400	chr2	1.74E+08	1.74E+08	-	0.000689
Atp5f1	MmuINT0021401	chr3	1.06E+08	1.06E+08	-	0.001365
Atp5f1	MmuINT0021402	chr3	1.06E+08	1.06E+08	-	0.000564
Atp5f1	MmuINT0021403	chr3	1.06E+08	1.06E+08	-	0.000518
Atp5g3	MmuINT0021415	chr2	73749118	73749308	-	0.102265
Atp5g3	MmuINT0021416	chr2	73747999	73749011	-	0.000875
Atp5g3	MmuINT0021417	chr2	73747435	73747920	-	0.000616
Atp5g3	MmuINT0021418	chr2	73746765	73747240	-	0.003297
Atp5j	MmuINT0021424	chr16	84831753	84835053	-	0.00347
Atp5j	MmuINT0021425	chr16	84828795	84831573	-	0.001363
Atp5j2	MmuINT0021427	chr5	1.46E+08	1.46E+08	-	0.001008
Atp5j2	MmuINT0021428	chr5	1.46E+08	1.46E+08	-	0.000133
Atp5k	MmuINT0021430	chr5	1.09E+08	1.09E+08	-	0.001408
Atp5k	MmuINT0021431	chr5	1.09E+08	1.09E+08	-	0.000005
Atp5o	MmuINT0021435	chr16	91930650	91931764	-	0.000008
Atp5o	MmuINT0021436	chr16	91929255	91930598	-	0.000087
Atp5o	MmuINT0021439	chr16	91925873	91926703	-	0.000175
Atp5s	MmuINT0021441	chr12	70826002	70838937	+	0.313176
Atp5s	MmuINT0021442	chr12	70839049	70841885	+	0.017103
Atp5s	MmuINT0021443	chr12	70842095	70842631	+	0.005968
Atp5s	MmuINT0021444	chr12	70842804	70844705	+	0.006835
Atp5sl	MmuINT0021445	chr7	26405484	26405914	+	0.73748
Atp5sl	MmuINT0021446	chr7	26406112	26407362	+	0.029113
Atp5sl	MmuINT0021447	chr7	26407444	26408817	+	0.031125
Atp5sl	MmuINT0021448	chr7	26408958	26409045	+	0.023453
Atp5sl	MmuINT0021449	chr7	26409209	26409733	+	0.014493
Atp6ap1	MmuINT0021450	chrX	71542661	71542961	+	0.005869
Atp6ap1	MmuINT0021451	chrX	71543089	71545588	+	0.017932
Atp6ap1	MmuINT0021452	chrX	71545664	71545916	+	0.007389
Atp6ap1	MmuINT0021453	chrX	71546111	71546662	+	0.038634
Atp6ap1	MmuINT0021454	chrX	71546704	71547274	+	0.014749
Atp6ap1	MmuINT0021455	chrX	71547361	71547700	+	0.00738
Atp6ap1	MmuINT0021456	chrX	71547940	71548560	+	0.006805
Atp6ap1	MmuINT0021457	chrX	71548609	71548696	+	0.002743
Atp6ap1	MmuINT0021458	chrX	71548926	71549135	+	0.043525
Atp6ap2	MmuINT0021465	chrX	12165062	12171886	+	0.015553
Atp6ap2	MmuINT0021466	chrX	12172018	12173281	+	0.013102
Atp6ap2	MmuINT0021468	chrX	12182089	12182243	+	0.013372
Atp6ap2	MmuINT0021471	chrX	12184207	12185960	+	0.022947
Atp6ap2	MmuINT0021472	chrX	12186081	12192807	+	0.020074

Atp6v0a1	MmuINT0021473	chr11	1.01E+08	1.01E+08	+	0.007032
Atp6v0a1	MmuINT0021474	chr11	1.01E+08	1.01E+08	+	0.002822
Atp6v0a1	MmuINT0021475	chr11	1.01E+08	1.01E+08	+	0.003467
Atp6v0a1	MmuINT0021476	chr11	1.01E+08	1.01E+08	+	0.003123
Atp6v0a1	MmuINT0021477	chr11	1.01E+08	1.01E+08	+	0.005144
Atp6v0a1	MmuINT0021478	chr11	1.01E+08	1.01E+08	+	0.00429
Atp6v0a1	MmuINT0021479	chr11	1.01E+08	1.01E+08	+	0.00329
Atp6v0a1	MmuINT0021480	chr11	1.01E+08	1.01E+08	+	0.004486
Atp6v0a1	MmuINT0021481	chr11	1.01E+08	1.01E+08	+	0.011818
Atp6v0a1	MmuINT0021483	chr11	1.01E+08	1.01E+08	+	0.370003
Atp6v0a1	MmuINT0021484	chr11	1.01E+08	1.01E+08	+	0.003853
Atp6v0a1	MmuINT0021485	chr11	1.01E+08	1.01E+08	+	0.005617
Atp6v0a1	MmuINT0021486	chr11	1.01E+08	1.01E+08	+	0.013517
Atp6v0a1	MmuINT0021487	chr11	1.01E+08	1.01E+08	+	0.005199
Atp6v0a1	MmuINT0021488	chr11	1.01E+08	1.01E+08	+	0.003676
Atp6v0a1	MmuINT0021489	chr11	1.01E+08	1.01E+08	+	0.270076
Atp6v0a1	MmuINT0021490	chr11	1.01E+08	1.01E+08	+	0.0059
Atp6v0a1	MmuINT0021491	chr11	1.01E+08	1.01E+08	+	0.044328
Atp6v0a1	MmuINT0021492	chr11	1.01E+08	1.01E+08	+	0.007947
Atp6v0a1	MmuINT0021493	chr11	1.01E+08	1.01E+08	+	0.013227
Atp6v0a2	MmuINT0021494	chr5	1.25E+08	1.25E+08	+	0.01281
Atp6v0a2	MmuINT0021495	chr5	1.25E+08	1.25E+08	+	0.006913
Atp6v0a2	MmuINT0021496	chr5	1.25E+08	1.25E+08	+	0.024849
Atp6v0a2	MmuINT0021497	chr5	1.25E+08	1.25E+08	+	0.006297
Atp6v0a2	MmuINT0021498	chr5	1.25E+08	1.25E+08	+	0.012136
Atp6v0a2	MmuINT0021499	chr5	1.25E+08	1.25E+08	+	0.036039
Atp6v0a2	MmuINT0021500	chr5	1.25E+08	1.25E+08	+	0.011594
Atp6v0a2	MmuINT0021501	chr5	1.25E+08	1.25E+08	+	0.006724
Atp6v0a2	MmuINT0021502	chr5	1.25E+08	1.25E+08	+	0.006511
Atp6v0a2	MmuINT0021503	chr5	1.25E+08	1.25E+08	+	0.016068
Atp6v0a2	MmuINT0021504	chr5	1.25E+08	1.25E+08	+	0.00573
Atp6v0a2	MmuINT0021505	chr5	1.25E+08	1.25E+08	+	0.009433
Atp6v0a2	MmuINT0021506	chr5	1.25E+08	1.25E+08	+	0.00544
Atp6v0a2	MmuINT0021507	chr5	1.25E+08	1.25E+08	+	0.009053
Atp6v0a2	MmuINT0021508	chr5	1.25E+08	1.25E+08	+	0.009564
Atp6v0a2	MmuINT0021509	chr5	1.25E+08	1.25E+08	+	0.010734
Atp6v0a2	MmuINT0021510	chr5	1.25E+08	1.25E+08	+	0.030408
Atp6v0a2	MmuINT0021511	chr5	1.25E+08	1.25E+08	+	0.036197
Atp6v0a2	MmuINT0021512	chr5	1.25E+08	1.25E+08	+	0.010235
Atp6v0b	MmuINT0021532	chr4	1.18E+08	1.18E+08	-	0.158058
Atp6v0b	MmuINT0021533	chr4	1.18E+08	1.18E+08	-	0.044047
Atp6v0b	MmuINT0021534	chr4	1.18E+08	1.18E+08	-	0.016356
Atp6v0b	MmuINT0021535	chr4	1.18E+08	1.18E+08	-	0.049257
Atp6v0b	MmuINT0021536	chr4	1.18E+08	1.18E+08	-	0.04401
Atp6v0b	MmuINT0021537	chr4	1.18E+08	1.18E+08	-	0.036353
Atp6v0b	MmuINT0021538	chr4	1.18E+08	1.18E+08	-	0.010622
Atp6v0d1	MmuINT0021541	chr8	1.08E+08	1.08E+08	-	0.003627
Atp6v0d1	MmuINT0021542	chr8	1.08E+08	1.08E+08	-	0.012999
Atp6v0d1	MmuINT0021543	chr8	1.08E+08	1.08E+08	-	0.030185
Atp6v0d1	MmuINT0021544	chr8	1.08E+08	1.08E+08	-	0.048796



Atp6v0d1	MmuINT0021545	chr8	1.08E+08	1.08E+08	-	0.017462
Atp6v0d1	MmuINT0021546	chr8	1.08E+08	1.08E+08	-	0.011505
Atp6v0d1	MmuINT0021547	chr8	1.08E+08	1.08E+08	-	0.011731
Atp6v0e	MmuINT0021555	chr17	26813524	26819622	+	0.005488
Atp6v0e	MmuINT0021556	chr17	26819671	26832299	+	0.008322
Atp6v0e	MmuINT0021557	chr17	26832430	26836156	+	0.024087
Atp6v0e2	MmuINT0021558	chr6	48487854	48489222	+	0.023658
Atp6v0e2	MmuINT0021559	chr6	48489271	48490038	+	0.050384
Atp6v0e2	MmuINT0021560	chr6	48490166	48490426	+	0.023218
Atp6v1a	MmuINT0021561	chr16	44116996	44139074	-	0.042945
Atp6v1a	MmuINT0021562	chr16	44100119	44101677	-	0.00474
Atp6v1a	MmuINT0021563	chr16	44099044	44100054	-	0.017818
Atp6v1a	MmuINT0021564	chr16	44091379	44098839	-	0.015068
Atp6v1a	MmuINT0021565	chr16	44089191	44091283	-	0.010707
Atp6v1a	MmuINT0021567	chr16	44114856	44116899	-	0.018413
Atp6v1a	MmuINT0021568	chr16	44111826	44114726	-	0.002033
Atp6v1a	MmuINT0021569	chr16	44111346	44111610	-	0.019184
Atp6v1a	MmuINT0021570	chr16	44109760	44111207	-	0.014161
Atp6v1a	MmuINT0021571	chr16	44108001	44109607	-	0.014189
Atp6v1a	MmuINT0021572	chr16	44107157	44107837	-	0.017164
Atp6v1a	MmuINT0021573	chr16	44101999	44107047	-	0.03296
Atp6v1a	MmuINT0021574	chr16	44101793	44101875	-	0.023237
Atp6v1b2	MmuINT0021588	chr8	71612828	71620118	+	0.004809
Atp6v1b2	MmuINT0021589	chr8	71629859	71631480	+	0.002952
Atp6v1b2	MmuINT0021590	chr8	71631564	71632181	+	0.007325
Atp6v1b2	MmuINT0021591	chr8	71632287	71633778	+	0.006772
Atp6v1b2	MmuINT0021592	chr8	71633909	71636328	+	0.019357
Atp6v1b2	MmuINT0021593	chr8	71620175	71625263	+	0.007723
Atp6v1b2	MmuINT0021594	chr8	71625363	71625834	+	0.003341
Atp6v1b2	MmuINT0021595	chr8	71625929	71626062	+	0.004356
Atp6v1b2	MmuINT0021596	chr8	71626141	71626349	+	0.007598
Atp6v1b2	MmuINT0021597	chr8	71626490	71626660	+	0.004404
Atp6v1b2	MmuINT0021598	chr8	71626763	71627278	+	0.011771
Atp6v1b2	MmuINT0021599	chr8	71627377	71627543	+	0.005825
Atp6v1b2	MmuINT0021600	chr8	71627668	71629707	+	0.005258
Atp6v1c1	MmuINT0021601	chr15	38591839	38602611	+	0.003943
Atp6v1c1	MmuINT0021602	chr15	38616865	38618879	+	0.003675
Atp6v1c1	MmuINT0021603	chr15	38618978	38620287	+	0.0368
Atp6v1c1	MmuINT0021604	chr15	38620415	38621366	+	0.010459
Atp6v1c1	MmuINT0021605	chr15	38602776	38603651	+	0.003419
Atp6v1c1	MmuINT0021606	chr15	38603720	38605782	+	0.008327
Atp6v1c1	MmuINT0021607	chr15	38605869	38607273	+	0.00384
Atp6v1c1	MmuINT0021608	chr15	38607369	38609074	+	0.004406
Atp6v1c1	MmuINT0021609	chr15	38609167	38610821	+	0.004449
Atp6v1c1	MmuINT0021610	chr15	38610921	38612695	+	0.00328
Atp6v1c1	MmuINT0021611	chr15	38612765	38616558	+	0.019751
Atp6v1c1	MmuINT0021612	chr15	38616652	38616770	+	0.003833
Atp6v1d	MmuINT0021628	chr12	79958332	79962405	-	0.001651
Atp6v1d	MmuINT0021629	chr12	79953332	79958213	-	0.001881
Atp6v1d	MmuINT0021630	chr12	79951527	79953251	-	0.002751

Atp6v1d	MmuINT0021631	chr12	79950772	79951458	-	0.004318
Atp6v1d	MmuINT0021632	chr12	79949487	79950726	-	0.016577
Atp6v1d	MmuINT0021633	chr12	79948821	79949382	-	0.004328
Atp6v1d	MmuINT0021634	chr12	79946292	79948753	-	0.013643
Atp6v1d	MmuINT0021635	chr12	79944598	79946212	-	0.005634
Atp6v1e1	MmuINT0021636	chr6	1.21E+08	1.21E+08	-	0.00148
Atp6v1e1	MmuINT0021637	chr6	1.21E+08	1.21E+08	-	0.000956
Atp6v1e1	MmuINT0021638	chr6	1.21E+08	1.21E+08	-	0.00108
Atp6v1e1	MmuINT0021639	chr6	1.21E+08	1.21E+08	-	0.00208
Atp6v1e1	MmuINT0021640	chr6	1.21E+08	1.21E+08	-	0.00168
Atp6v1e1	MmuINT0021641	chr6	1.21E+08	1.21E+08	-	0.005628
Atp6v1e1	MmuINT0021642	chr6	1.21E+08	1.21E+08	-	0.004761
Atp6v1e1	MmuINT0021643	chr6	1.21E+08	1.21E+08	-	0.002731
Atp6v1g2	MmuINT0021649	chr17	35374163	35374569	+	0.303458
Atp6v1h	MmuINT0021652	chr1	5073360	5074497	+	0.064757
Atp6v1h	MmuINT0021653	chr1	5123344	5125892	+	0.00775
Atp6v1h	MmuINT0021654	chr1	5126019	5133830	+	0.00688
Atp6v1h	MmuINT0021655	chr1	5133933	5140028	+	0.016277
Atp6v1h	MmuINT0021656	chr1	5140143	5152185	+	0.009932
Atp6v1h	MmuINT0021657	chr1	5074645	5079089	+	0.014671
Atp6v1h	MmuINT0021658	chr1	5079193	5083443	+	0.064673
Atp6v1h	MmuINT0021659	chr1	5083534	5085695	+	0.049578
Atp6v1h	MmuINT0021660	chr1	5085810	5088109	+	0.005667
Atp6v1h	MmuINT0021661	chr1	5088215	5091150	+	0.022028
Atp6v1h	MmuINT0021662	chr1	5091205	5107470	+	0.016155
Atp6v1h	MmuINT0021663	chr1	5107569	5114357	+	0.005718
Atp6v1h	MmuINT0021664	chr1	5114551	5123164	+	0.006573
Atp7a	MmuINT0021669	chrX	1.03E+08	1.03E+08	+	0.036471
Atp7a	MmuINT0021671	chrX	1.03E+08	1.03E+08	+	0.047937
Atp7a	MmuINT0021672	chrX	1.03E+08	1.03E+08	+	0.058697
Atp7a	MmuINT0021673	chrX	1.03E+08	1.03E+08	+	0.045739
Atp7a	MmuINT0021674	chrX	1.03E+08	1.03E+08	+	0.06509
Atp7a	MmuINT0021675	chrX	1.03E+08	1.03E+08	+	0.070849
Atp7a	MmuINT0021680	chrX	1.03E+08	1.03E+08	+	0.073546
Atp8a1	MmuINT0021711	chr5	68205963	68238400	-	0.014527
Atp8a1	MmuINT0021713	chr5	68156231	68158258	-	0.014344
Atp8a1	MmuINT0021714	chr5	68153833	68156102	-	0.015614
Atp8a1	MmuINT0021715	chr5	68152442	68153754	-	0.016255
Atp8a1	MmuINT0021717	chr5	68140396	68142251	-	0.020518
Atp8a1	MmuINT0021719	chr5	68136869	68138516	-	0.019902
Atp8a1	MmuINT0021721	chr5	68123493	68129651	-	0.021068
Atp8a1	MmuINT0021722	chr5	68204431	68205847	-	0.011453
Atp8a1	MmuINT0021723	chr5	68121171	68123407	-	0.012668
Atp8a1	MmuINT0021724	chr5	68097284	68121030	-	0.010601
Atp8a1	MmuINT0021725	chr5	68094284	68097144	-	0.016831
Atp8a1	MmuINT0021726	chr5	68074170	68094218	-	0.019724
Atp8a1	MmuINT0021727	chr5	68058947	68073996	-	0.01171
Atp8a1	MmuINT0021728	chr5	68058671	68058762	-	0.013903
Atp8a1	MmuINT0021729	chr5	68051408	68058559	-	0.021596
Atp8a1	MmuINT0021730	chr5	68051232	68051332	-	0.014747

Atp8a1	MmuINT0021731	chr5	68047224	68051108	-	0.015013
Atp8a1	MmuINT0021732	chr5	68042889	68047144	-	0.017413
Atp8a1	MmuINT0021733	chr5	68203426	68204330	-	0.017942
Atp8a1	MmuINT0021734	chr5	68039821	68042826	-	0.017881
Atp8a1	MmuINT0021735	chr5	68039040	68039763	-	0.017611
Atp8a1	MmuINT0021736	chr5	68022815	68038931	-	0.019308
Atp8a1	MmuINT0021737	chr5	68022023	68022725	-	0.033683
Atp8a1	MmuINT0021738	chr5	68015341	68021929	-	0.012553
Atp8a1	MmuINT0021739	chr5	68013936	68015248	-	0.010465
Atp8a1	MmuINT0021740	chr5	68196942	68203326	-	0.020642
Atp8a1	MmuINT0021741	chr5	68177906	68196895	-	0.029461
Atp8a1	MmuINT0021742	chr5	68172301	68177864	-	0.14394
Atp8a1	MmuINT0021743	chr5	68167438	68172226	-	0.727892
Atp8a1	MmuINT0021744	chr5	68166090	68167367	-	0.017643
Atp8a1	MmuINT0021745	chr5	68160403	68165961	-	0.018777
Atp8a2	MmuINT0021752	chr14	60636503	60639595	-	0.04905
Atp8a2	MmuINT0021753	chr14	60635709	60636396	-	0.071897
Atp8a2	MmuINT0021758	chr14	60627332	60628639	-	0.042564
Atp8a2	MmuINT0021759	chr14	60625205	60627191	-	0.037803
Atp8a2	MmuINT0021760	chr14	60616903	60625065	-	0.044889
Atp8a2	MmuINT0021762	chr14	60479151	60543843	-	0.046494
Atp8a2	MmuINT0021763	chr14	60475977	60478966	-	0.045674
Atp8a2	MmuINT0021764	chr14	60421156	60475865	-	0.042924
Atp8a2	MmuINT0021765	chr14	60412827	60421080	-	0.056548
Atp8a2	MmuINT0021766	chr14	60410097	60412703	-	0.048124
Atp8a2	MmuINT0021767	chr14	60392860	60410017	-	0.061479
Atp8a2	MmuINT0021770	chr14	60390584	60392537	-	0.057046
Atp8a2	MmuINT0021771	chr14	60310378	60390475	-	0.046255
Atp8a2	MmuINT0021772	chr14	60303857	60310288	-	0.0338
Atp8a2	MmuINT0021773	chr14	60273478	60303751	-	0.031839
Atp8a2	MmuINT0021774	chr14	60266762	60273385	-	0.037524
Atp8a2	MmuINT0021779	chr14	60652659	60654021	-	0.051876
Atp8b1	MmuINT0021800	chr18	64691219	64693247	-	0.160704
Atp8b2	MmuINT0021809	chr3	89758213	89758361	-	0.038737
Atp8b2	MmuINT0021810	chr3	89756794	89758123	-	0.085286
Atp8b2	MmuINT0021811	chr3	89753940	89756596	-	0.135181
Atp8b2	MmuINT0021812	chr3	89752935	89753730	-	0.033521
Atp8b2	MmuINT0021813	chr3	89752475	89752890	-	0.027686
Atp8b2	MmuINT0021814	chr3	89752158	89752308	-	0.022839
Atp8b2	MmuINT0021815	chr3	89751842	89751968	-	0.04294
Atp8b2	MmuINT0021816	chr3	89750712	89751725	-	0.049735
Atp8b2	MmuINT0021817	chr3	89750462	89750546	-	0.064004
Atp8b2	MmuINT0021818	chr3	89750207	89750349	-	0.031391
Atp8b2	MmuINT0021821	chr3	89749588	89749842	-	0.055067
Atp8b2	MmuINT0021822	chr3	89749143	89749403	-	0.045721
Atp8b2	MmuINT0021823	chr3	89748115	89748918	-	0.076193
Atp8b2	MmuINT0021824	chr3	89747782	89748030	-	0.022855
Atp8b2	MmuINT0021825	chr3	89747391	89747535	-	0.042188
Atp8b2	MmuINT0021826	chr3	89745728	89747251	-	0.130714
Atp8b2	MmuINT0021827	chr3	89745354	89745596	-	0.056102

Atp8b2	MmuINT0021828	chr3	89762545	89762912	-	0.059837
Atp8b2	MmuINT0021829	chr3	89762310	89762430	-	0.049092
Atp8b2	MmuINT0021830	chr3	89761962	89762210	-	0.051959
Atp8b2	MmuINT0021831	chr3	89761804	89761899	-	0.05694
Atp8b2	MmuINT0021832	chr3	89761291	89761730	-	0.147871
Atp8b2	MmuINT0021834	chr3	89758521	89760932	-	0.033502
Atp9a	MmuINT0021917	chr2	1.69E+08	1.69E+08	-	0.017035
Atp9a	MmuINT0021918	chr2	1.69E+08	1.69E+08	-	0.008863
Atp9a	MmuINT0021919	chr2	1.69E+08	1.69E+08	-	0.003965
Atp9a	MmuINT0021920	chr2	1.68E+08	1.69E+08	-	0.004608
Atp9a	MmuINT0021921	chr2	1.68E+08	1.68E+08	-	0.00423
Atp9a	MmuINT0021922	chr2	1.68E+08	1.68E+08	-	0.003677
Atp9a	MmuINT0021923	chr2	1.68E+08	1.68E+08	-	0.003886
Atp9a	MmuINT0021924	chr2	1.68E+08	1.68E+08	-	0.005917
Atp9a	MmuINT0021925	chr2	1.68E+08	1.68E+08	-	0.003724
Atp9a	MmuINT0021926	chr2	1.68E+08	1.68E+08	-	0.005312
Atp9a	MmuINT0021927	chr2	1.68E+08	1.68E+08	-	0.006149
Atp9a	MmuINT0021928	chr2	1.69E+08	1.69E+08	-	0.005911
Atp9a	MmuINT0021929	chr2	1.68E+08	1.68E+08	-	0.006342
Atp9a	MmuINT0021930	chr2	1.68E+08	1.68E+08	-	0.005127
Atp9a	MmuINT0021931	chr2	1.68E+08	1.68E+08	-	0.008185
Atp9a	MmuINT0021932	chr2	1.68E+08	1.68E+08	-	0.008891
Atp9a	MmuINT0021933	chr2	1.68E+08	1.68E+08	-	0.00509
Atp9a	MmuINT0021934	chr2	1.68E+08	1.68E+08	-	0.007472
Atp9a	MmuINT0021935	chr2	1.68E+08	1.68E+08	-	0.006132
Atp9a	MmuINT0021936	chr2	1.68E+08	1.68E+08	-	0.012972
Atp9a	MmuINT0021937	chr2	1.69E+08	1.69E+08	-	0.004028
Atp9a	MmuINT0021938	chr2	1.69E+08	1.69E+08	-	0.006916
Atp9a	MmuINT0021939	chr2	1.69E+08	1.69E+08	-	0.008677
Atp9a	MmuINT0021940	chr2	1.69E+08	1.69E+08	-	0.007929
Atp9a	MmuINT0021941	chr2	1.69E+08	1.69E+08	-	0.006335
Atp9a	MmuINT0021942	chr2	1.69E+08	1.69E+08	-	0.012068
Atp9a	MmuINT0021943	chr2	1.69E+08	1.69E+08	-	0.012052
Atp9b	MmuINT0021945	chr18	81033171	81041265	-	0.033506
Atp9b	MmuINT0021946	chr18	81005512	81033093	-	0.03906
Atp9b	MmuINT0021947	chr18	80992172	81005350	-	0.013127
Atp9b	MmuINT0021948	chr18	80975715	80992028	-	0.018177
Atp9b	MmuINT0021949	chr18	80973786	80975601	-	0.015661
Atp9b	MmuINT0021950	chr18	80962672	80973536	-	0.013314
Atp9b	MmuINT0021951	chr18	80961855	80962509	-	0.022184
Atp9b	MmuINT0021952	chr18	80959697	80961761	-	0.039662
Atp9b	MmuINT0021953	chr18	80958972	80959612	-	0.219166
Atp9b	MmuINT0021954	chr18	80955133	80958800	-	0.017439
Atp9b	MmuINT0021955	chr18	81109687	81114443	-	0.013461
Atp9b	MmuINT0021956	chr18	80953283	80955033	-	0.011891
Atp9b	MmuINT0021957	chr18	80951129	80953192	-	0.018033
Atp9b	MmuINT0021958	chr18	80950753	80950983	-	0.014313
Atp9b	MmuINT0021959	chr18	80949887	80950687	-	0.013551
Atp9b	MmuINT0021960	chr18	80949562	80949730	-	0.019227
Atp9b	MmuINT0021961	chr18	80946667	80949496	-	0.028472

Atp9b	MmuINT0021962	chr18	80936544	80946557	-	0.02582
Atp9b	MmuINT0021963	chr18	80935596	80936485	-	0.031229
Atp9b	MmuINT0021964	chr18	80932889	80935391	-	0.042169
Atp9b	MmuINT0021965	chr18	81106445	81109535	-	0.028358
Atp9b	MmuINT0021966	chr18	81088663	81106330	-	0.01811
Atp9b	MmuINT0021967	chr18	81074113	81088553	-	0.04297
Atp9b	MmuINT0021968	chr18	81066533	81074053	-	0.047012
Atp9b	MmuINT0021969	chr18	81055378	81066480	-	0.035141
Atp9b	MmuINT0021970	chr18	81043992	81055282	-	0.026529
Atp9b	MmuINT0021971	chr18	81041342	81043910	-	0.02809
Atpaf2	MmuINT0021980	chr11	60223133	60230252	-	0.013175
Atpaf2	MmuINT0021981	chr11	60222908	60223087	-	0.020032
Atpaf2	MmuINT0021982	chr11	60220894	60222761	-	0.037761
Atpaf2	MmuINT0021983	chr11	60219359	60220795	-	0.033477
Atpaf2	MmuINT0021984	chr11	60217995	60219277	-	0.014528
Atpaf2	MmuINT0021985	chr11	60217455	60217881	-	0.004357
Atpaf2	MmuINT0021986	chr11	60215041	60217338	-	0.007557
Atpbd4	MmuINT0021987	chr2	1.14E+08	1.14E+08	-	0.027099
Atpbd4	MmuINT0021988	chr2	1.14E+08	1.14E+08	-	0.023103
Atpbd4	MmuINT0021989	chr2	1.14E+08	1.14E+08	-	0.019086
Atpbd4	MmuINT0021990	chr2	1.14E+08	1.14E+08	-	0.022983
Atpbd4	MmuINT0021991	chr2	1.14E+08	1.14E+08	-	0.023476
Atpbd4	MmuINT0021992	chr2	1.14E+08	1.14E+08	-	0.026038
Atpbd4	MmuINT0021993	chr2	1.14E+08	1.14E+08	-	0.281312
Atpbd4	MmuINT0021994	chr2	1.14E+08	1.14E+08	-	0.072084
Atpif1	MmuINT0021995	chr4	1.32E+08	1.32E+08	-	0.007506
Atpif1	MmuINT0021996	chr4	1.32E+08	1.32E+08	-	0.001213
Atr	MmuINT0021998	chr9	95772107	95774496	+	0.080996
Atr	MmuINT0022001	chr9	95775294	95776012	+	0.059611
Atr	MmuINT0022002	chr9	95776184	95778873	+	0.035878
Atr	MmuINT0022003	chr9	95779069	95781644	+	0.038962
Atr	MmuINT0022004	chr9	95781831	95783534	+	0.032166
Atr	MmuINT0022005	chr9	95783628	95785760	+	0.063276
Atr	MmuINT0022007	chr9	95788663	95791181	+	0.054706
Atr	MmuINT0022009	chr9	95791276	95793833	+	0.042244
Atr	MmuINT0022010	chr9	95793960	95797954	+	0.035105
Atr	MmuINT0022011	chr9	95798162	95799455	+	0.030891
Atr	MmuINT0022012	chr9	95799570	95804081	+	0.059747
Atr	MmuINT0022013	chr9	95804198	95806156	+	0.048234
Atr	MmuINT0022014	chr9	95806278	95807714	+	0.217255
Atr	MmuINT0022015	chr9	95807853	95808668	+	0.050525
Atr	MmuINT0022017	chr9	95811077	95815355	+	0.061953
Atr	MmuINT0022018	chr9	95815521	95816848	+	0.068787
Atr	MmuINT0022020	chr9	95816941	95820763	+	0.048953
Atr	MmuINT0022021	chr9	95820856	95821085	+	0.034926
Atr	MmuINT0022022	chr9	95821264	95822071	+	0.031709
Atr	MmuINT0022023	chr9	95822252	95823166	+	0.042983
Atr	MmuINT0022024	chr9	95823327	95827587	+	0.093824
Atr	MmuINT0022025	chr9	95827768	95832748	+	0.035045
Atr	MmuINT0022026	chr9	95832892	95835897	+	0.044765

Atr	MmuINT0022027	chr9	95835996	95836713	+	0.043347
Atr	MmuINT0022028	chr9	95836947	95837932	+	0.032
Atr	MmuINT0022029	chr9	95838068	95839568	+	0.044205
Atr	MmuINT0022030	chr9	95766265	95767001	+	0.106248
Atr	MmuINT0022031	chr9	95839770	95841288	+	0.046728
Atr	MmuINT0022032	chr9	95841433	95843004	+	0.031698
Atr	MmuINT0022033	chr9	95843156	95845506	+	0.051325
Atr	MmuINT0022034	chr9	95845664	95845762	+	0.055183
Atr	MmuINT0022035	chr9	95845917	95847508	+	0.029572
Atr	MmuINT0022036	chr9	95847661	95850963	+	0.037166
Atr	MmuINT0022037	chr9	95851070	95851869	+	0.050709
Atr	MmuINT0022038	chr9	95767181	95767912	+	0.275144
Atr	MmuINT0022041	chr9	95771192	95771422	+	0.044215
Atrip	MmuINT0022043	chr9	1.09E+08	1.09E+08	-	0.055096
Atrip	MmuINT0022044	chr9	1.09E+08	1.09E+08	-	0.231581
Atrip	MmuINT0022045	chr9	1.09E+08	1.09E+08	-	0.083051
Atrip	MmuINT0022046	chr9	1.09E+08	1.09E+08	-	0.106422
Atrip	MmuINT0022047	chr9	1.09E+08	1.09E+08	-	0.034085
Atrip	MmuINT0022048	chr9	1.09E+08	1.09E+08	-	0.091139
Atrip	MmuINT0022049	chr9	1.09E+08	1.09E+08	-	0.02685
Atrip	MmuINT0022050	chr9	1.09E+08	1.09E+08	-	0.024671
Atrip	MmuINT0022051	chr9	1.09E+08	1.09E+08	-	0.055809
Atrip	MmuINT0022052	chr9	1.09E+08	1.09E+08	-	0.041773
Atrip	MmuINT0022053	chr9	1.09E+08	1.09E+08	-	0.165343
Atrip	MmuINT0022054	chr9	1.09E+08	1.09E+08	-	0.059509
Atrn	MmuINT0022055	chr2	1.31E+08	1.31E+08	+	0.046305
Atrn	MmuINT0022056	chr2	1.31E+08	1.31E+08	+	0.026765
Atrn	MmuINT0022057	chr2	1.31E+08	1.31E+08	+	0.017323
Atrn	MmuINT0022058	chr2	1.31E+08	1.31E+08	+	0.026306
Atrn	MmuINT0022059	chr2	1.31E+08	1.31E+08	+	0.021487
Atrn	MmuINT0022060	chr2	1.31E+08	1.31E+08	+	0.015847
Atrn	MmuINT0022061	chr2	1.31E+08	1.31E+08	+	0.015396
Atrn	MmuINT0022062	chr2	1.31E+08	1.31E+08	+	0.014338
Atrn	MmuINT0022063	chr2	1.31E+08	1.31E+08	+	0.021085
Atrn	MmuINT0022064	chr2	1.31E+08	1.31E+08	+	0.015639
Atrn	MmuINT0022065	chr2	1.31E+08	1.31E+08	+	0.016657
Atrn	MmuINT0022066	chr2	1.31E+08	1.31E+08	+	0.033773
Atrn	MmuINT0022067	chr2	1.31E+08	1.31E+08	+	0.023956
Atrn	MmuINT0022068	chr2	1.31E+08	1.31E+08	+	0.023892
Atrn	MmuINT0022069	chr2	1.31E+08	1.31E+08	+	0.032077
Atrn	MmuINT0022070	chr2	1.31E+08	1.31E+08	+	0.030948
Atrn	MmuINT0022071	chr2	1.31E+08	1.31E+08	+	0.007929
Atrn	MmuINT0022075	chr2	1.31E+08	1.31E+08	+	0.04276
Atrn	MmuINT0022076	chr2	1.31E+08	1.31E+08	+	0.084814
Atrn	MmuINT0022077	chr2	1.31E+08	1.31E+08	+	0.023022
Atrn	MmuINT0022078	chr2	1.31E+08	1.31E+08	+	0.019588
Atrn	MmuINT0022079	chr2	1.31E+08	1.31E+08	+	0.032293
Atrn	MmuINT0022080	chr2	1.31E+08	1.31E+08	+	0.02787
Atrn	MmuINT0022081	chr2	1.31E+08	1.31E+08	+	0.018316
Atrn	MmuINT0022082	chr2	1.31E+08	1.31E+08	+	0.018696

Atrnl1	MmuINT0022085	chr19	57756946	57759993	+	0.026705
Atrnl1	MmuINT0022087	chr19	57761268	57766256	+	0.03342
Atrnl1	MmuINT0022088	chr19	57766390	57770663	+	0.026902
Atrnl1	MmuINT0022089	chr19	57770846	57774006	+	0.021858
Atrnl1	MmuINT0022091	chr19	57776667	57781404	+	0.02221
Atrnl1	MmuINT0022092	chr19	57781624	57789075	+	0.01709
Atrnl1	MmuINT0022093	chr19	57789214	57806041	+	0.023134
Atrnl1	MmuINT0022097	chr19	57826215	57827714	+	0.023808
Atrnl1	MmuINT0022098	chr19	57827794	57829950	+	0.027291
Atrnl1	MmuINT0022099	chr19	57830109	57852373	+	0.032276
Atrnl1	MmuINT0022101	chr19	57871994	58010086	+	0.025432
Atrnl1	MmuINT0022102	chr19	58010195	58116817	+	0.029662
Atrnl1	MmuINT0022103	chr19	58116933	58205582	+	0.023989
Atrnl1	MmuINT0022105	chr19	57713071	57716909	+	0.022969
Atrnl1	MmuINT0022109	chr19	57729517	57731544	+	0.031405
Atrx	MmuINT0022112	chrX	1.03E+08	1.03E+08	-	0.067743
Atrx	MmuINT0022113	chrX	1.03E+08	1.03E+08	-	0.013098
Atrx	MmuINT0022114	chrX	1.03E+08	1.03E+08	-	0.009672
Atrx	MmuINT0022115	chrX	1.03E+08	1.03E+08	-	0.007906
Atrx	MmuINT0022117	chrX	1.03E+08	1.03E+08	-	0.015205
Atrx	MmuINT0022118	chrX	1.03E+08	1.03E+08	-	0.119742
Atrx	MmuINT0022119	chrX	1.03E+08	1.03E+08	-	0.038389
Atrx	MmuINT0022120	chrX	1.03E+08	1.03E+08	-	0.012868
Atrx	MmuINT0022123	chrX	1.03E+08	1.03E+08	-	0.019638
Atrx	MmuINT0022124	chrX	1.03E+08	1.03E+08	-	0.026137
Atrx	MmuINT0022125	chrX	1.03E+08	1.03E+08	-	0.015631
Atrx	MmuINT0022126	chrX	1.03E+08	1.03E+08	-	0.024898
Atrx	MmuINT0022127	chrX	1.03E+08	1.03E+08	-	0.046815
Atrx	MmuINT0022128	chrX	1.03E+08	1.03E+08	-	0.019945
Atrx	MmuINT0022129	chrX	1.03E+08	1.03E+08	-	0.010241
Atrx	MmuINT0022130	chrX	1.03E+08	1.03E+08	-	0.009644
Atrx	MmuINT0022131	chrX	1.03E+08	1.03E+08	-	0.01537
Atrx	MmuINT0022132	chrX	1.03E+08	1.03E+08	-	0.010291
Atrx	MmuINT0022134	chrX	1.03E+08	1.03E+08	-	0.011198
Atrx	MmuINT0022136	chrX	1.03E+08	1.03E+08	-	0.018335
Atrx	MmuINT0022137	chrX	1.03E+08	1.03E+08	-	0.057101
Atrx	MmuINT0022138	chrX	1.03E+08	1.03E+08	-	0.016463
Atrx	MmuINT0022140	chrX	1.03E+08	1.03E+08	-	0.024792
Atrx	MmuINT0022142	chrX	1.03E+08	1.03E+08	-	0.027841
Atrx	MmuINT0022143	chrX	1.03E+08	1.03E+08	-	0.021133
Atrx	MmuINT0022144	chrX	1.03E+08	1.03E+08	-	0.012671
Atxn1	MmuINT0022145	chr13	46051945	46060183	-	0.115553
Atxn1	MmuINT0022146	chr13	45947826	46051823	-	0.046614
Atxn1	MmuINT0022147	chr13	45891007	45947696	-	0.049672
Atxn1	MmuINT0022148	chr13	45830548	45890877	-	0.068894
Atxn1	MmuINT0022149	chr13	45793315	45830483	-	0.06608
Atxn1	MmuINT0022150	chr13	45663950	45793189	-	0.053316
Atxn1	MmuINT0022151	chr13	45652955	45661941	-	0.06501
Atxn10	MmuINT0022152	chr15	85167011	85189883	+	0.002282
Atxn10	MmuINT0022153	chr15	85268596	85292709	+	0.001913

Atxn10	MmuINT0022154	chr15	85292898	85293350	+	0.003026
Atxn10	MmuINT0022155	chr15	85190076	85195706	+	0.002104
Atxn10	MmuINT0022156	chr15	85195790	85205751	+	0.002671
Atxn10	MmuINT0022157	chr15	85205849	85206973	+	0.002137
Atxn10	MmuINT0022158	chr15	85207133	85213333	+	0.00291
Atxn10	MmuINT0022159	chr15	85213415	85217420	+	0.002422
Atxn10	MmuINT0022160	chr15	85217587	85222067	+	0.002366
Atxn10	MmuINT0022161	chr15	85222177	85223766	+	0.001536
Atxn10	MmuINT0022162	chr15	85223937	85268531	+	0.001949
Atxn1l	MmuINT0022164	chr8	1.12E+08	1.12E+08	-	0.061959
Atxn1l	MmuINT0022165	chr8	1.12E+08	1.12E+08	-	0.086621
Atxn2	MmuINT0022167	chr5	1.22E+08	1.22E+08	+	0.006256
Atxn2	MmuINT0022168	chr5	1.22E+08	1.22E+08	+	0.009199
Atxn2	MmuINT0022169	chr5	1.22E+08	1.22E+08	+	0.00465
Atxn2	MmuINT0022170	chr5	1.22E+08	1.22E+08	+	0.006927
Atxn2	MmuINT0022171	chr5	1.22E+08	1.22E+08	+	0.004205
Atxn2	MmuINT0022172	chr5	1.22E+08	1.22E+08	+	0.009197
Atxn2	MmuINT0022173	chr5	1.22E+08	1.22E+08	+	0.005374
Atxn2	MmuINT0022174	chr5	1.22E+08	1.22E+08	+	0.004465
Atxn2	MmuINT0022175	chr5	1.22E+08	1.22E+08	+	0.031433
Atxn2	MmuINT0022176	chr5	1.22E+08	1.22E+08	+	0.007198
Atxn2	MmuINT0022178	chr5	1.22E+08	1.22E+08	+	0.078258
Atxn2	MmuINT0022179	chr5	1.22E+08	1.22E+08	+	0.123662
Atxn2	MmuINT0022180	chr5	1.22E+08	1.22E+08	+	0.004581
Atxn2	MmuINT0022181	chr5	1.22E+08	1.22E+08	+	0.563898
Atxn2	MmuINT0022183	chr5	1.22E+08	1.22E+08	+	0.010728
Atxn2	MmuINT0022184	chr5	1.22E+08	1.22E+08	+	0.006162
Atxn2	MmuINT0022185	chr5	1.22E+08	1.22E+08	+	0.005425
Atxn2	MmuINT0022186	chr5	1.22E+08	1.22E+08	+	0.007179
Atxn2	MmuINT0022187	chr5	1.22E+08	1.22E+08	+	0.004543
Atxn2	MmuINT0022188	chr5	1.22E+08	1.22E+08	+	0.004846
Atxn2	MmuINT0022189	chr5	1.22E+08	1.22E+08	+	0.006747
Atxn2l	MmuINT0022190	chr7	1.34E+08	1.34E+08	-	0.022929
Atxn2l	MmuINT0022191	chr7	1.34E+08	1.34E+08	-	0.176734
Atxn2l	MmuINT0022192	chr7	1.34E+08	1.34E+08	-	0.007024
Atxn2l	MmuINT0022193	chr7	1.34E+08	1.34E+08	-	0.010202
Atxn2l	MmuINT0022194	chr7	1.34E+08	1.34E+08	-	0.005104
Atxn2l	MmuINT0022195	chr7	1.34E+08	1.34E+08	-	0.012459
Atxn2l	MmuINT0022196	chr7	1.34E+08	1.34E+08	-	0.009211
Atxn2l	MmuINT0022197	chr7	1.34E+08	1.34E+08	-	0.023743
Atxn2l	MmuINT0022198	chr7	1.34E+08	1.34E+08	-	0.016833
Atxn2l	MmuINT0022199	chr7	1.34E+08	1.34E+08	-	0.009218
Atxn2l	MmuINT0022200	chr7	1.34E+08	1.34E+08	-	0.029087
Atxn2l	MmuINT0022201	chr7	1.34E+08	1.34E+08	-	0.01217
Atxn2l	MmuINT0022202	chr7	1.34E+08	1.34E+08	-	0.028818
Atxn2l	MmuINT0022203	chr7	1.34E+08	1.34E+08	-	0.039422
Atxn2l	MmuINT0022204	chr7	1.34E+08	1.34E+08	-	0.918069
Atxn2l	MmuINT0022205	chr7	1.34E+08	1.34E+08	-	0.01957
Atxn2l	MmuINT0022206	chr7	1.34E+08	1.34E+08	-	0.032153
Atxn2l	MmuINT0022207	chr7	1.34E+08	1.34E+08	-	0.006663



Atxn2l	MmuINT0022208	chr7	1.34E+08	1.34E+08	-	0.010056
Atxn2l	MmuINT0022209	chr7	1.34E+08	1.34E+08	-	0.023332
Atxn2l	MmuINT0022210	chr7	1.34E+08	1.34E+08	-	0.007711
Atxn2l	MmuINT0022211	chr7	1.34E+08	1.34E+08	-	0.004838
Atxn3	MmuINT0022212	chr12	1.03E+08	1.03E+08	-	0.047574
Atxn3	MmuINT0022213	chr12	1.03E+08	1.03E+08	-	0.073846
Atxn3	MmuINT0022214	chr12	1.03E+08	1.03E+08	-	0.058309
Atxn3	MmuINT0022215	chr12	1.03E+08	1.03E+08	-	0.054274
Atxn3	MmuINT0022216	chr12	1.03E+08	1.03E+08	-	0.058271
Atxn3	MmuINT0022217	chr12	1.03E+08	1.03E+08	-	0.037384
Atxn3	MmuINT0022219	chr12	1.03E+08	1.03E+08	-	0.159386
Atxn7	MmuINT0022221	chr14	14928830	14932448	+	0.025825
Atxn7	MmuINT0022223	chr14	14845884	14846100	+	0.042665
Atxn7	MmuINT0022224	chr14	14846170	14885432	+	0.039608
Atxn7	MmuINT0022225	chr14	14885538	14919796	+	0.021709
Atxn7	MmuINT0022226	chr14	14920047	14921709	+	0.038719
Atxn7	MmuINT0022227	chr14	14921970	14922540	+	0.029645
Atxn7	MmuINT0022228	chr14	14922624	14927870	+	0.023222
Atxn7	MmuINT0022229	chr14	14928116	14928213	+	0.055731
Atxn7	MmuINT0022230	chr14	14928413	14928707	+	0.02109
Atxn7l1	MmuINT0022235	chr12	34030954	34043520	+	0.060427
Atxn7l1	MmuINT0022236	chr12	34043714	34047837	+	0.045931
Atxn7l1	MmuINT0022237	chr12	34047960	34051836	+	0.060088
Atxn7l1	MmuINT0022238	chr12	33832781	33833297	+	0.011126
Atxn7l1	MmuINT0022239	chr12	33833367	33902576	+	0.012855
Atxn7l1	MmuINT0022240	chr12	33902682	33934715	+	0.024809
Atxn7l2	MmuINT0022242	chr3	1.08E+08	1.08E+08	-	0.060803
Atxn7l2	MmuINT0022243	chr3	1.08E+08	1.08E+08	-	0.051171
Atxn7l2	MmuINT0022247	chr3	1.08E+08	1.08E+08	-	0.166772
Atxn7l2	MmuINT0022248	chr3	1.08E+08	1.08E+08	-	0.27892
Atxn7l2	MmuINT0022249	chr3	1.08E+08	1.08E+08	-	0.083595
Atxn7l2	MmuINT0022250	chr3	1.08E+08	1.08E+08	-	0.106358
Atxn7l3	MmuINT0022253	chr11	1.02E+08	1.02E+08	-	0.043827
Atxn7l3	MmuINT0022254	chr11	1.02E+08	1.02E+08	-	0.016631
Atxn7l3	MmuINT0022255	chr11	1.02E+08	1.02E+08	-	0.010707
Atxn7l3	MmuINT0022256	chr11	1.02E+08	1.02E+08	-	0.017746
Atxn7l3	MmuINT0022257	chr11	1.02E+08	1.02E+08	-	0.028858
Atxn7l3	MmuINT0022258	chr11	1.02E+08	1.02E+08	-	0.028709
Atxn7l3	MmuINT0022259	chr11	1.02E+08	1.02E+08	-	0.034702
Atxn7l3	MmuINT0022260	chr11	1.02E+08	1.02E+08	-	0.397452
Atxn7l3	MmuINT0022261	chr11	1.02E+08	1.02E+08	-	0.030991
Atxn7l3	MmuINT0022262	chr11	1.02E+08	1.02E+08	-	0.048253
Auh	MmuINT0022263	chr13	53014636	53024823	-	0.00265
Auh	MmuINT0022264	chr13	53014458	53014567	-	0.001426
Auh	MmuINT0022265	chr13	52994106	53014369	-	0.001481
Auh	MmuINT0022266	chr13	52984565	52994018	-	0.001658
Auh	MmuINT0022267	chr13	52982667	52984471	-	0.001496
Auh	MmuINT0022268	chr13	52936434	52982609	-	0.004831
Auh	MmuINT0022269	chr13	52934978	52936245	-	0.001278
Auh	MmuINT0022270	chr13	52933503	52934926	-	0.009459

Auh	MmuINT0022271	chr13	52930921	52933454	-	0.012979
Aup1	MmuINT0022272	chr6	83004827	83004904	+	0.039849
Aup1	MmuINT0022273	chr6	83007088	83007269	+	0.044393
Aup1	MmuINT0022274	chr6	83007389	83007491	+	0.018876
Aup1	MmuINT0022275	chr6	83005043	83005122	+	0.020816
Aup1	MmuINT0022276	chr6	83005274	83005499	+	0.19783
Aup1	MmuINT0022277	chr6	83005685	83005891	+	0.042286
Aup1	MmuINT0022278	chr6	83005965	83006060	+	0.060347
Aup1	MmuINT0022279	chr6	83006135	83006361	+	0.134267
Aup1	MmuINT0022280	chr6	83006429	83006535	+	0.047599
Aup1	MmuINT0022281	chr6	83006639	83006752	+	0.030727
Aup1	MmuINT0022282	chr6	83006873	83006971	+	0.060532
Aurkaip1	MmuINT0022291	chr4	1.55E+08	1.55E+08	+	0.04877
Aurkaip1	MmuINT0022292	chr4	1.55E+08	1.55E+08	+	0.00941
Aurkaip1	MmuINT0022293	chr4	1.55E+08	1.55E+08	+	0.003394
Auts2	MmuINT0022307	chr5	1.32E+08	1.32E+08	-	0.018787
Auts2	MmuINT0022308	chr5	1.32E+08	1.32E+08	-	0.013008
Auts2	MmuINT0022309	chr5	1.32E+08	1.32E+08	-	0.02496
Auts2	MmuINT0022310	chr5	1.32E+08	1.32E+08	-	0.019504
Auts2	MmuINT0022311	chr5	1.32E+08	1.32E+08	-	0.015412
Auts2	MmuINT0022312	chr5	1.32E+08	1.32E+08	-	0.017152
Auts2	MmuINT0022313	chr5	1.32E+08	1.32E+08	-	0.014864
Auts2	MmuINT0022314	chr5	1.32E+08	1.32E+08	-	0.039229
Auts2	MmuINT0022315	chr5	1.32E+08	1.32E+08	-	0.02956
Auts2	MmuINT0022322	chr5	1.32E+08	1.32E+08	-	0.015861
Auts2	MmuINT0022323	chr5	1.32E+08	1.32E+08	-	0.148961
Aven	MmuINT0022325	chr2	1.12E+08	1.12E+08	+	0.020529
Aven	MmuINT0022326	chr2	1.12E+08	1.12E+08	+	0.006898
Aven	MmuINT0022327	chr2	1.12E+08	1.12E+08	+	0.012323
Aven	MmuINT0022328	chr2	1.12E+08	1.12E+08	+	0.00872
Aven	MmuINT0022329	chr2	1.12E+08	1.12E+08	+	0.004337
Avil	MmuINT0022333	chr10	1.26E+08	1.26E+08	+	0.595983
Avil	MmuINT0022340	chr10	1.26E+08	1.26E+08	+	0.28357
Avl9	MmuINT0022350	chr6	56686971	56691362	+	0.077526
Avl9	MmuINT0022351	chr6	56691498	56693325	+	0.046739
Avl9	MmuINT0022352	chr6	56693546	56696274	+	0.067455
Avl9	MmuINT0022353	chr6	56696393	56703358	+	0.086574
Avl9	MmuINT0022354	chr6	56703413	56703831	+	0.085596
Avl9	MmuINT0022356	chr6	56673591	56675069	+	0.084621
Avl9	MmuINT0022357	chr6	56675156	56676244	+	0.055606
Avl9	MmuINT0022358	chr6	56676317	56678181	+	0.064998
Avl9	MmuINT0022363	chr6	56685427	56686431	+	0.059765
Avp	MmuINT0022364	chr2	1.3E+08	1.3E+08	-	0.059528
Avp	MmuINT0022365	chr2	1.3E+08	1.3E+08	-	0.060016
Avpi1	MmuINT0022366	chr19	42199517	42203360	-	0.017686
Avpi1	MmuINT0022367	chr19	42198339	42199237	-	0.007217
Axin1	MmuINT0022385	chr17	26275987	26279562	+	0.063735
Axin1	MmuINT0022386	chr17	26331052	26331879	+	0.016711
Axin1	MmuINT0022387	chr17	26280522	26310584	+	0.017334
Axin1	MmuINT0022388	chr17	26310726	26319434	+	0.01454

Axin1	MmuINT0022389	chr17	26319532	26321121	+	0.011189
Axin1	MmuINT0022390	chr17	26321260	26324648	+	0.013501
Axin1	MmuINT0022391	chr17	26325167	26325518	+	0.015328
Axin1	MmuINT0022392	chr17	26325690	26326930	+	0.020338
Axin1	MmuINT0022393	chr17	26327177	26329460	+	0.089554
Axin1	MmuINT0022394	chr17	26329569	26330883	+	0.191859
Axin2	MmuINT0022396	chr11	1.09E+08	1.09E+08	+	0.096184
Axl	MmuINT0022407	chr7	26572536	26573433	-	0.030125
Axl	MmuINT0022408	chr7	26555785	26558117	-	0.046568
Axl	MmuINT0022409	chr7	26555329	26555651	-	0.023562
Axl	MmuINT0022410	chr7	26551908	26555236	-	0.099108
Axl	MmuINT0022411	chr7	26551615	26551811	-	0.037028
Axl	MmuINT0022412	chr7	26549534	26551536	-	0.020117
Axl	MmuINT0022413	chr7	26549084	26549440	-	0.085731
Axl	MmuINT0022414	chr7	26548413	26548961	-	0.066019
Axl	MmuINT0022415	chr7	26546584	26548302	-	0.02474
Axl	MmuINT0022416	chr7	26545907	26546423	-	0.024313
Axl	MmuINT0022417	chr7	26544033	26545769	-	0.008959
Axl	MmuINT0022418	chr7	26572007	26572309	-	0.02899
Axl	MmuINT0022419	chr7	26571030	26571905	-	0.012783
Axl	MmuINT0022420	chr7	26563724	26570852	-	0.009148
Axl	MmuINT0022421	chr7	26563505	26563642	-	0.009602
Axl	MmuINT0022422	chr7	26559745	26563388	-	0.015865
Axl	MmuINT0022423	chr7	26559243	26559533	-	0.009491
Axl	MmuINT0022424	chr7	26558513	26559102	-	0.031908
Axl	MmuINT0022425	chr7	26558145	26558361	-	0.020838
Azi1	MmuINT0022430	chr11	1.2E+08	1.2E+08	-	0.035773
Azi1	MmuINT0022432	chr11	1.2E+08	1.2E+08	-	0.026549
Azi1	MmuINT0022433	chr11	1.2E+08	1.2E+08	-	0.040063
Azi1	MmuINT0022434	chr11	1.2E+08	1.2E+08	-	0.06707
Azi1	MmuINT0022435	chr11	1.2E+08	1.2E+08	-	0.043792
Azi1	MmuINT0022436	chr11	1.2E+08	1.2E+08	-	0.026036
Azi1	MmuINT0022437	chr11	1.2E+08	1.2E+08	-	0.054963
Azi1	MmuINT0022438	chr11	1.2E+08	1.2E+08	-	0.081597
Azi1	MmuINT0022439	chr11	1.2E+08	1.2E+08	-	0.051667
Azi1	MmuINT0022440	chr11	1.2E+08	1.2E+08	-	0.035164
Azi1	MmuINT0022441	chr11	1.2E+08	1.2E+08	-	0.043278
Azi1	MmuINT0022442	chr11	1.2E+08	1.2E+08	-	0.051533
Azi1	MmuINT0022443	chr11	1.2E+08	1.2E+08	-	0.021747
Azi1	MmuINT0022444	chr11	1.2E+08	1.2E+08	-	0.028348
Azi1	MmuINT0022445	chr11	1.2E+08	1.2E+08	-	0.061118
Azi1	MmuINT0022446	chr11	1.2E+08	1.2E+08	-	0.050784
Azi1	MmuINT0022448	chr11	1.2E+08	1.2E+08	-	0.04346
Azi1	MmuINT0022450	chr11	1.2E+08	1.2E+08	-	0.02911
Azi1	MmuINT0022452	chr11	1.2E+08	1.2E+08	-	0.035789
Azi2	MmuINT0022454	chr9	1.18E+08	1.18E+08	+	0.003453
Azi2	MmuINT0022455	chr9	1.18E+08	1.18E+08	+	0.004348
Azi2	MmuINT0022456	chr9	1.18E+08	1.18E+08	+	0.005316
Azi2	MmuINT0022457	chr9	1.18E+08	1.18E+08	+	0.011539
Azi2	MmuINT0022458	chr9	1.18E+08	1.18E+08	+	0.051006

Azi2	MmuINT0022459	chr9	1.18E+08	1.18E+08	+	0.006
Azin1	MmuINT0022462	chr15	38444365	38448663	-	0.006641
Azin1	MmuINT0022463	chr15	38421446	38421998	-	0.010801
Azin1	MmuINT0022464	chr15	38420228	38421230	-	0.005319
Azin1	MmuINT0022465	chr15	38431356	38444227	-	0.006126
Azin1	MmuINT0022466	chr15	38430227	38431158	-	0.005092
Azin1	MmuINT0022467	chr15	38428597	38430052	-	0.00439
Azin1	MmuINT0022468	chr15	38427154	38428423	-	0.017809
Azin1	MmuINT0022469	chr15	38425110	38427018	-	0.013401
Azin1	MmuINT0022470	chr15	38424122	38425027	-	0.012927
Azin1	MmuINT0022471	chr15	38423392	38424046	-	0.007477
Azin1	MmuINT0022472	chr15	38422115	38423228	-	0.009287
B230118H07Rik	MmuINT0022476	chr2	1.01E+08	1.01E+08	-	0.001531
B230118H07Rik	MmuINT0022477	chr2	1.01E+08	1.01E+08	-	0.001552
B230118H07Rik	MmuINT0022478	chr2	1.01E+08	1.01E+08	-	0.001553
B230118H07Rik	MmuINT0022479	chr2	1.01E+08	1.01E+08	-	0.002245
B230118H07Rik	MmuINT0022480	chr2	1.01E+08	1.01E+08	-	0.002463
B230118H07Rik	MmuINT0022481	chr2	1.01E+08	1.01E+08	-	0.001908
B230120H23Rik	MmuINT0022492	chr2	72136438	72193614	+	0.004756
B230120H23Rik	MmuINT0022493	chr2	72193703	72202684	+	0.006661
B230120H23Rik	MmuINT0022494	chr2	72202787	72206457	+	0.005462
B230120H23Rik	MmuINT0022495	chr2	72206524	72209783	+	0.005747
B230120H23Rik	MmuINT0022496	chr2	72209813	72209927	+	0.005358
B230120H23Rik	MmuINT0022497	chr2	72210066	72216690	+	0.004039
B230120H23Rik	MmuINT0022498	chr2	72216778	72222187	+	0.00797
B230120H23Rik	MmuINT0022499	chr2	72222263	72227526	+	0.004712
B230208H17Rik	MmuINT0022514	chr2	25458076	25463632	-	0.05195
B230208H17Rik	MmuINT0022515	chr2	25441354	25442387	-	0.003847
B230208H17Rik	MmuINT0022516	chr2	25441057	25441143	-	0.003418
B230208H17Rik	MmuINT0022517	chr2	25440465	25440827	-	0.056658
B230208H17Rik	MmuINT0022518	chr2	25439682	25440295	-	0.019014
B230208H17Rik	MmuINT0022520	chr2	25456919	25457940	-	0.00469
B230208H17Rik	MmuINT0022521	chr2	25453718	25456870	-	0.014901
B230208H17Rik	MmuINT0022522	chr2	25452045	25453664	-	0.006595
B230208H17Rik	MmuINT0022523	chr2	25448428	25451952	-	0.005626
B230208H17Rik	MmuINT0022524	chr2	25447924	25448286	-	0.004397
B230208H17Rik	MmuINT0022525	chr2	25444233	25447817	-	0.014402
B230208H17Rik	MmuINT0022526	chr2	25443148	25444128	-	0.034625
B230208H17Rik	MmuINT0022527	chr2	25442539	25442794	-	0.036095
B230219D22Rik	MmuINT0022530	chr13	55794709	55800433	+	0.022105
B230312A22Rik	MmuINT0022531	chr4	43050079	43058975	-	0.541531
B230312A22Rik	MmuINT0022532	chr4	43049677	43049934	-	0.096571
B230312A22Rik	MmuINT0022533	chr4	43047874	43048707	-	0.015943
B230312A22Rik	MmuINT0022534	chr4	43047637	43047814	-	0.022034
B230312A22Rik	MmuINT0022535	chr4	43047407	43047530	-	0.017825
B230312A22Rik	MmuINT0022536	chr4	43047026	43047247	-	0.047643
B230312A22Rik	MmuINT0022537	chr4	43046860	43046956	-	0.014945
B230312A22Rik	MmuINT0022538	chr4	43046561	43046683	-	0.010353
B2m	MmuINT0022544	chr2	1.22E+08	1.22E+08	+	0.003067
B2m	MmuINT0022545	chr2	1.22E+08	1.22E+08	+	0.004587

B2m	MmuINT0022546	chr2	1.22E+08	1.22E+08	+	0.001633
B3galnt2	MmuINT0022549	chr13	14047187	14058576	+	0.012708
B3galnt2	MmuINT0022550	chr13	14087543	14087993	+	0.013211
B3galnt2	MmuINT0022551	chr13	14088051	14089159	+	0.058441
B3galnt2	MmuINT0022552	chr13	14058725	14063033	+	0.043047
B3galnt2	MmuINT0022553	chr13	14063135	14067704	+	0.014927
B3galnt2	MmuINT0022554	chr13	14067902	14072867	+	0.036979
B3galnt2	MmuINT0022555	chr13	14072964	14079619	+	0.009593
B3galnt2	MmuINT0022556	chr13	14079731	14083055	+	0.011409
B3galnt2	MmuINT0022557	chr13	14083135	14083635	+	0.016262
B3galnt2	MmuINT0022558	chr13	14083820	14086681	+	0.015082
B3galnt2	MmuINT0022559	chr13	14086808	14087382	+	0.033864
B3galtl	MmuINT0022567	chr5	1.51E+08	1.51E+08	+	0.054575
B3galtl	MmuINT0022568	chr5	1.51E+08	1.51E+08	+	0.039485
B3galtl	MmuINT0022570	chr5	1.51E+08	1.51E+08	+	0.030525
B3galtl	MmuINT0022574	chr5	1.51E+08	1.51E+08	+	0.040478
B3galtl	MmuINT0022575	chr5	1.51E+08	1.51E+08	+	0.033671
B3galtl	MmuINT0022578	chr5	1.51E+08	1.51E+08	+	0.051033
B3gat3	MmuINT0022586	chr19	8995139	8996295	+	0.026125
B3gat3	MmuINT0022587	chr19	8996471	9000027	+	0.088134
B3gat3	MmuINT0022588	chr19	9000389	9000571	+	0.049166
B3gat3	MmuINT0022589	chr19	9000863	9001225	+	0.020382
B3gnt1	MmuINT0022590	chr19	5040033	5040306	+	0.004215
B3gnt2	MmuINT0022592	chr11	22737196	22759493	-	0.022981
B3gnt3	MmuINT0022594	chr8	74217055	74217215	-	0.023498
B3gnt8	MmuINT0022604	chr7	26412742	26413133	+	0.928927
B3gntl1	MmuINT0022606	chr11	1.22E+08	1.22E+08	-	0.099255
B3gntl1	MmuINT0022608	chr11	1.21E+08	1.21E+08	-	0.059784
B3gntl1	MmuINT0022609	chr11	1.21E+08	1.21E+08	-	0.05381
B3gntl1	MmuINT0022610	chr11	1.22E+08	1.22E+08	-	0.045988
B3gntl1	MmuINT0022613	chr11	1.22E+08	1.22E+08	-	0.060962
B3gntl1	MmuINT0022614	chr11	1.21E+08	1.22E+08	-	0.034978
B3gntl1	MmuINT0022615	chr11	1.21E+08	1.21E+08	-	0.103386
B3gntl1	MmuINT0022616	chr11	1.21E+08	1.21E+08	-	0.161197
B3gntl1	MmuINT0022617	chr11	1.21E+08	1.21E+08	-	0.067656
B4galnt1	MmuINT0022628	chr10	1.27E+08	1.27E+08	+	0.682935
B4galt1	MmuINT0022685	chr4	40770708	40800423	-	0.007059
B4galt1	MmuINT0022686	chr4	40759906	40770471	-	0.023056
B4galt1	MmuINT0022687	chr4	40756835	40759717	-	0.005984
B4galt1	MmuINT0022688	chr4	40754871	40756711	-	0.024773
B4galt1	MmuINT0022689	chr4	40754351	40754765	-	0.004948
B4galt2	MmuINT0022690	chr4	1.18E+08	1.18E+08	-	0.120035
B4galt2	MmuINT0022691	chr4	1.18E+08	1.18E+08	-	0.048005
B4galt2	MmuINT0022692	chr4	1.18E+08	1.18E+08	-	0.029377
B4galt2	MmuINT0022693	chr4	1.18E+08	1.18E+08	-	0.043496
B4galt2	MmuINT0022694	chr4	1.18E+08	1.18E+08	-	0.03058
B4galt2	MmuINT0022695	chr4	1.18E+08	1.18E+08	-	0.031623
B4galt2	MmuINT0022696	chr4	1.18E+08	1.18E+08	-	0.132324
B4galt3	MmuINT0022697	chr1	1.73E+08	1.73E+08	+	0.080938
B4galt3	MmuINT0022698	chr1	1.73E+08	1.73E+08	+	0.089011

B4galt3	MmuINT0022699	chr1	1.73E+08	1.73E+08	+	0.110543
B4galt3	MmuINT0022700	chr1	1.73E+08	1.73E+08	+	0.079506
B4galt3	MmuINT0022701	chr1	1.73E+08	1.73E+08	+	0.031235
B4galt3	MmuINT0022702	chr1	1.73E+08	1.73E+08	+	0.158975
B4galt3	MmuINT0022703	chr1	1.73E+08	1.73E+08	+	0.045858
B4galt4	MmuINT0022704	chr16	38742482	38752114	+	0.171974
B4galt4	MmuINT0022705	chr16	38752513	38754031	+	0.024439
B4galt4	MmuINT0022706	chr16	38754265	38757791	+	0.032892
B4galt4	MmuINT0022707	chr16	38757980	38763181	+	0.106759
B4galt4	MmuINT0022708	chr16	38763305	38766027	+	0.043185
B4galt4	MmuINT0022709	chr16	38766133	38768010	+	0.048097
B4galt5	MmuINT0022710	chr2	1.67E+08	1.67E+08	-	0.103331
B4galt5	MmuINT0022711	chr2	1.67E+08	1.67E+08	-	0.048885
B4galt5	MmuINT0022712	chr2	1.67E+08	1.67E+08	-	0.029144
B4galt5	MmuINT0022713	chr2	1.67E+08	1.67E+08	-	0.030963
B4galt5	MmuINT0022715	chr2	1.67E+08	1.67E+08	-	0.046079
B4galt5	MmuINT0022716	chr2	1.67E+08	1.67E+08	-	0.044376
B4galt5	MmuINT0022717	chr2	1.67E+08	1.67E+08	-	0.051993
B4galt6	MmuINT0022718	chr18	20886580	20903853	-	0.020787
B4galt6	MmuINT0022719	chr18	20878644	20886462	-	0.018468
B4galt6	MmuINT0022720	chr18	20865031	20878529	-	0.015717
B4galt6	MmuINT0022721	chr18	20859357	20864905	-	0.019807
B4galt6	MmuINT0022722	chr18	20851081	20859239	-	0.031809
B4galt6	MmuINT0022723	chr18	20847845	20850892	-	0.027725
B4galt6	MmuINT0022724	chr18	20847538	20847721	-	0.025997
B4galt6	MmuINT0022725	chr18	20846970	20847435	-	0.018485
B4galt7	MmuINT0022726	chr13	55701554	55705380	+	0.08135
B4galt7	MmuINT0022727	chr13	55705744	55708557	+	0.149256
B4galt7	MmuINT0022728	chr13	55708784	55709702	+	0.251289
B4galt7	MmuINT0022729	chr13	55709787	55710058	+	0.090151
B4galt7	MmuINT0022730	chr13	55710164	55710579	+	0.026423
B630005N14Rik	MmuINT0022731	chr6	13613344	13627679	-	0.022617
B630005N14Rik	MmuINT0022732	chr6	13591858	13613201	-	0.02114
B630005N14Rik	MmuINT0022733	chr6	13580705	13591686	-	0.040234
B630005N14Rik	MmuINT0022734	chr6	13579101	13580589	-	0.113889
B9d1	MmuINT0022749	chr11	61318774	61319845	+	0.119033
B9d1	MmuINT0022750	chr11	61319915	61321129	+	0.099158
B9d1	MmuINT0022751	chr11	61321242	61322573	+	0.13443
B9d1	MmuINT0022752	chr11	61322671	61322971	+	0.135454
B9d1	MmuINT0022753	chr11	61323035	61325873	+	0.09054
B9d1	MmuINT0022754	chr11	61325942	61326153	+	0.094612
B9d2	MmuINT0022755	chr7	26466494	26468309	+	0.014424
B9d2	MmuINT0022756	chr7	26468436	26470999	+	0.124375
BC002230	MmuINT0022770	chr12	1.01E+08	1.01E+08	-	0.057166
BC002230	MmuINT0022771	chr12	1.01E+08	1.01E+08	-	0.036053
BC002230	MmuINT0022772	chr12	1.01E+08	1.01E+08	-	0.055723
BC002230	MmuINT0022773	chr12	1.01E+08	1.01E+08	-	0.049223
BC002230	MmuINT0022774	chr12	1.01E+08	1.01E+08	-	0.031178
BC002230	MmuINT0022775	chr12	1.01E+08	1.01E+08	-	0.49964
BC002230	MmuINT0022777	chr12	1.01E+08	1.01E+08	-	0.022835

BC002230	MmuINT0022778	chr12	1.01E+08	1.01E+08	-	0.035998
BC002230	MmuINT0022779	chr12	1.01E+08	1.01E+08	-	0.066378
BC002230	MmuINT0022780	chr12	1.01E+08	1.01E+08	-	0.029875
BC002230	MmuINT0022781	chr12	1.01E+08	1.01E+08	-	0.021878
BC002230	MmuINT0022782	chr12	1.01E+08	1.01E+08	-	0.026475
BC003266	MmuINT0022783	chr4	1.27E+08	1.27E+08	+	0.003374
BC003331	MmuINT0022788	chr1	1.52E+08	1.52E+08	-	0.016033
BC003331	MmuINT0022789	chr1	1.52E+08	1.52E+08	-	0.018067
BC003331	MmuINT0022790	chr1	1.52E+08	1.52E+08	-	0.012287
BC003331	MmuINT0022791	chr1	1.52E+08	1.52E+08	-	0.008975
BC003331	MmuINT0022792	chr1	1.52E+08	1.52E+08	-	0.009169
BC003331	MmuINT0022793	chr1	1.52E+08	1.52E+08	-	0.010209
BC003331	MmuINT0022794	chr1	1.52E+08	1.52E+08	-	0.015952
BC003331	MmuINT0022795	chr1	1.52E+08	1.52E+08	-	0.067236
BC003331	MmuINT0022796	chr1	1.52E+08	1.52E+08	-	0.127563
BC003331	MmuINT0022797	chr1	1.52E+08	1.52E+08	-	0.109009
BC003331	MmuINT0022798	chr1	1.52E+08	1.52E+08	-	0.043697
BC003331	MmuINT0022799	chr1	1.52E+08	1.52E+08	-	0.016764
BC003331	MmuINT0022800	chr1	1.52E+08	1.52E+08	-	0.013603
BC003965	MmuINT0022801	chr17	25321586	25321664	+	0.080571
BC004004	MmuINT0022802	chr17	29405948	29414801	+	0.003658
BC004004	MmuINT0022803	chr17	29414893	29419004	+	0.000917
BC004004	MmuINT0022804	chr17	29419213	29419622	+	0.000591
BC004004	MmuINT0022805	chr17	29419837	29430951	+	0.001156
BC004004	MmuINT0022806	chr17	29431107	29431219	+	0.00063
BC004004	MmuINT0022807	chr17	29431360	29433504	+	0.000688
BC004004	MmuINT0022808	chr17	29433635	29435586	+	0.001847
BC004004	MmuINT0022809	chr17	29435711	29438300	+	0.003045
BC005537	MmuINT0022810	chr13	24895379	24896650	+	0.026634
BC005537	MmuINT0022811	chr13	24896828	24897730	+	0.003547
BC005537	MmuINT0022812	chr13	24897854	24901754	+	0.007933
BC005537	MmuINT0022813	chr13	24901890	24904505	+	0.002603
BC005624	MmuINT0022816	chr2	30835571	30837002	-	0.051345
BC005764	MmuINT0022829	chr10	79324542	79325179	-	0.958574
BC006779	MmuINT0022831	chr2	1.81E+08	1.81E+08	-	0.182982
BC006779	MmuINT0022832	chr2	1.81E+08	1.81E+08	-	0.052896
BC006779	MmuINT0022833	chr2	1.81E+08	1.81E+08	-	0.098117
BC006779	MmuINT0022834	chr2	1.81E+08	1.81E+08	-	0.038621
BC006779	MmuINT0022835	chr2	1.81E+08	1.81E+08	-	0.227774
BC006779	MmuINT0022836	chr2	1.81E+08	1.81E+08	-	0.239973
BC006779	MmuINT0022837	chr2	1.81E+08	1.81E+08	-	0.034379
BC006779	MmuINT0022838	chr2	1.81E+08	1.81E+08	-	0.023165
BC006779	MmuINT0022839	chr2	1.81E+08	1.81E+08	-	0.021754
BC006779	MmuINT0022843	chr2	1.81E+08	1.81E+08	-	0.073156
BC006779	MmuINT0022847	chr2	1.81E+08	1.81E+08	-	0.164134
BC013529	MmuINT0022856	chr10	7499161	7500558	-	0.013997
BC013529	MmuINT0022857	chr10	7497669	7499100	-	0.00489
BC013529	MmuINT0022858	chr10	7495168	7497571	-	0.014225
BC013529	MmuINT0022859	chr10	7493903	7495015	-	0.003381
BC013529	MmuINT0022861	chr10	7490319	7493095	-	0.023131

BC013529	MmuINT0022862	chr10	7488384	7490154	-	0.006407
BC013712	MmuINT0022864	chr4	1.32E+08	1.32E+08	-	0.051273
BC013712	MmuINT0022866	chr4	1.32E+08	1.32E+08	-	0.405252
BC016423	MmuINT0022877	chr13	3599581	3610035	-	0.068122
BC016423	MmuINT0022878	chr13	3587781	3589186	-	0.040239
BC016423	MmuINT0022880	chr13	3581440	3583745	-	0.037765
BC016423	MmuINT0022881	chr13	3576447	3580997	-	0.066936
BC016423	MmuINT0022882	chr13	3569684	3572732	-	0.049041
BC016423	MmuINT0022883	chr13	3568888	3569557	-	0.047624
BC016423	MmuINT0022884	chr13	3568104	3568733	-	0.023936
BC016423	MmuINT0022885	chr13	3566864	3567997	-	0.303258
BC016423	MmuINT0022887	chr13	3565914	3566163	-	0.320444
BC016423	MmuINT0022888	chr13	3599309	3599437	-	0.040156
BC016423	MmuINT0022889	chr13	3599103	3599184	-	0.084195
BC016423	MmuINT0022890	chr13	3598998	3599082	-	0.040345
BC016423	MmuINT0022891	chr13	3596124	3598897	-	0.051209
BC016423	MmuINT0022892	chr13	3594847	3596022	-	0.062885
BC016423	MmuINT0022895	chr13	3589895	3593376	-	0.186822
BC016495	MmuINT0022896	chr19	18706572	18710568	+	0.046519
BC016495	MmuINT0022897	chr19	18710633	18714007	+	0.225205
BC016495	MmuINT0022900	chr19	18715762	18715892	+	0.056777
BC016495	MmuINT0022901	chr19	18715965	18716663	+	0.044666
BC016495	MmuINT0022902	chr19	18716771	18719544	+	0.042601
BC016495	MmuINT0022903	chr19	18719629	18725725	+	0.065952
BC017158	MmuINT0022909	chr7	1.35E+08	1.35E+08	-	0.034175
BC017158	MmuINT0022910	chr7	1.35E+08	1.35E+08	-	0.197334
BC017158	MmuINT0022911	chr7	1.35E+08	1.35E+08	-	0.047329
BC017158	MmuINT0022912	chr7	1.35E+08	1.35E+08	-	0.054238
BC017158	MmuINT0022915	chr7	1.35E+08	1.35E+08	-	0.047898
BC017158	MmuINT0022916	chr7	1.35E+08	1.35E+08	-	0.040486
BC017158	MmuINT0022917	chr7	1.35E+08	1.35E+08	-	0.062599
BC017158	MmuINT0022918	chr7	1.35E+08	1.35E+08	-	0.116013
BC017158	MmuINT0022919	chr7	1.35E+08	1.35E+08	-	0.167112
BC017158	MmuINT0022920	chr7	1.35E+08	1.35E+08	-	0.256435
BC017612	MmuINT0022922	chr9	15330149	15348982	+	0.012477
BC017643	MmuINT0022923	chr11	1.21E+08	1.21E+08	-	0.280221
BC017643	MmuINT0022924	chr11	1.21E+08	1.21E+08	-	0.230003
BC017643	MmuINT0022925	chr11	1.21E+08	1.21E+08	-	0.109313
BC017643	MmuINT0022926	chr11	1.21E+08	1.21E+08	-	0.121579
BC017643	MmuINT0022927	chr11	1.21E+08	1.21E+08	-	0.050474
BC017643	MmuINT0022928	chr11	1.21E+08	1.21E+08	-	0.102597
BC017647	MmuINT0022929	chr11	77908294	77956594	+	0.021273
BC017647	MmuINT0022930	chr11	77956717	77967198	+	0.041651
BC018242	MmuINT0022940	chr9	21749017	21751389	+	0.059398
BC018242	MmuINT0022941	chr9	21751497	21751824	+	0.256529
BC018242	MmuINT0022942	chr9	21751877	21752047	+	0.068737
BC018507	MmuINT0022960	chr13	70763345	70776394	-	0.040433
BC018507	MmuINT0022962	chr13	70748055	70749411	-	0.277116
BC018507	MmuINT0022963	chr13	70745755	70747653	-	0.012064
BC018507	MmuINT0022964	chr13	70740115	70741056	-	0.022015



BC018507	MmuINT0022965	chr13	70738089	70739945	-	0.0089
BC018507	MmuINT0022966	chr13	70735224	70737927	-	0.009261
BC018507	MmuINT0022967	chr13	70733810	70735032	-	0.00841
BC018507	MmuINT0022968	chr13	70731550	70733702	-	0.011698
BC018507	MmuINT0022969	chr13	70728691	70731450	-	0.051566
BC018507	MmuINT0022970	chr13	70762836	70763285	-	0.030742
BC018507	MmuINT0022971	chr13	70760335	70762800	-	0.072481
BC018507	MmuINT0022972	chr13	70759648	70760315	-	0.02069
BC018507	MmuINT0022973	chr13	70757940	70759535	-	0.03739
BC019943	MmuINT0022978	chr8	32261972	32263980	+	0.017858
BC019943	MmuINT0022979	chr8	32264168	32264685	+	0.029693
BC019943	MmuINT0022980	chr8	32264779	32265985	+	0.021805
BC019943	MmuINT0022981	chr8	32266174	32266249	+	0.061095
BC019943	MmuINT0022982	chr8	32266394	32269064	+	0.15607
BC020535	MmuINT0022983	chr2	1.53E+08	1.53E+08	+	0.015079
BC020535	MmuINT0022984	chr2	1.53E+08	1.53E+08	+	0.06227
BC020535	MmuINT0022985	chr2	1.53E+08	1.53E+08	+	0.037095
BC020535	MmuINT0022986	chr2	1.53E+08	1.53E+08	+	0.795731
BC020535	MmuINT0022987	chr2	1.53E+08	1.53E+08	+	0.517835
BC020535	MmuINT0022989	chr2	1.53E+08	1.53E+08	+	0.225227
BC020535	MmuINT0022990	chr2	1.53E+08	1.53E+08	+	0.076495
BC022687	MmuINT0023016	chr12	1.14E+08	1.14E+08	+	0.085087
BC022687	MmuINT0023018	chr12	1.14E+08	1.14E+08	+	0.084388
BC022687	MmuINT0023019	chr12	1.14E+08	1.14E+08	+	0.065177
BC023814	MmuINT0023020	chr3	87731971	87733777	-	0.721195
BC023814	MmuINT0023021	chr3	87731678	87731845	-	0.407301
BC023814	MmuINT0023022	chr3	87731040	87731484	-	0.154718
BC023814	MmuINT0023023	chr3	87730797	87730976	-	0.148733
BC023814	MmuINT0023024	chr3	87729354	87730652	-	0.120951
BC023814	MmuINT0023025	chr3	87728451	87728868	-	0.800415
BC023814	MmuINT0023026	chr3	87727835	87728265	-	0.06938
BC023829	MmuINT0023027	chrX	67723470	67730152	-	0.012977
BC023829	MmuINT0023028	chrX	67720537	67723292	-	0.008837
BC023829	MmuINT0023030	chrX	67715490	67716019	-	0.012915
BC023829	MmuINT0023031	chrX	67714468	67715365	-	0.014087
BC024479	MmuINT0023048	chr9	37297419	37324801	+	0.93004
BC024479	MmuINT0023049	chr9	37325058	37326311	+	0.059573
BC024479	MmuINT0023050	chr9	37326373	37330274	+	0.040347
BC024582	MmuINT0023052	chr4	32648985	32650037	-	0.934788
BC024814	MmuINT0023055	chr16	8470959	8473923	+	0.006129
BC024814	MmuINT0023056	chr16	8488921	8490194	+	0.088745
BC024814	MmuINT0023057	chr16	8474060	8478059	+	0.015282
BC024814	MmuINT0023058	chr16	8478423	8482219	+	0.031613
BC024814	MmuINT0023059	chr16	8482261	8482348	+	0.010793
BC024814	MmuINT0023060	chr16	8482494	8484354	+	0.00892
BC024814	MmuINT0023061	chr16	8484427	8484912	+	0.011449
BC024814	MmuINT0023062	chr16	8484967	8485957	+	0.02028
BC024814	MmuINT0023063	chr16	8486039	8487451	+	0.011671
BC024814	MmuINT0023064	chr16	8487555	8488751	+	0.008032
BC025920	MmuINT0023065	chr10	81069136	81069620	+	0.963292

BC026585	MmuINT0023078	chr1	1.59E+08	1.59E+08	+	0.02854
BC026585	MmuINT0023079	chr1	1.59E+08	1.59E+08	+	0.048252
BC026585	MmuINT0023080	chr1	1.59E+08	1.59E+08	+	0.0263
BC026585	MmuINT0023081	chr1	1.59E+08	1.59E+08	+	0.031143
BC026585	MmuINT0023082	chr1	1.59E+08	1.59E+08	+	0.038281
BC026585	MmuINT0023083	chr1	1.59E+08	1.59E+08	+	0.023635
BC026585	MmuINT0023084	chr1	1.59E+08	1.59E+08	+	0.03571
BC026585	MmuINT0023085	chr1	1.59E+08	1.59E+08	+	0.159627
BC026585	MmuINT0023086	chr1	1.59E+08	1.59E+08	+	0.051811
BC026590	MmuINT0023087	chr4	56815599	56816467	+	0.14593
BC026590	MmuINT0023088	chr4	56816520	56817025	+	0.071239
BC026590	MmuINT0023091	chr4	56818820	56818905	+	0.05643
BC027231	MmuINT0023098	chr16	44724582	44727140	+	0.267944
BC027231	MmuINT0023099	chr16	44727296	44729354	+	0.194278
BC027231	MmuINT0023100	chr16	44729435	44729694	+	0.143154
BC027231	MmuINT0023101	chr16	44729827	44730232	+	0.063442
BC027231	MmuINT0023102	chr16	44730311	44731444	+	0.081753
BC027231	MmuINT0023103	chr16	44731810	44732170	+	0.085602
BC027231	MmuINT0023104	chr16	44732233	44734653	+	0.116125
BC027231	MmuINT0023105	chr16	44734911	44735828	+	0.073911
BC028528	MmuINT0023110	chr3	95693733	95695807	-	0.039071
BC028528	MmuINT0023111	chr3	95692839	95693645	-	0.050572
BC028528	MmuINT0023113	chr3	95688995	95692063	-	0.270127
BC029214	MmuINT0023114	chr2	25316236	25316306	-	0.76563
BC029214	MmuINT0023115	chr2	25316015	25316174	-	0.299498
BC029214	MmuINT0023116	chr2	25315878	25315964	-	0.111926
BC029214	MmuINT0023117	chr2	25315595	25315686	-	0.263011
BC029214	MmuINT0023118	chr2	25315380	25315528	-	0.321541
BC029214	MmuINT0023119	chr2	25315222	25315294	-	0.195655
BC029722	MmuINT0023120	chr2	1.56E+08	1.56E+08	-	0.007922
BC030336	MmuINT0023135	chr7	1.28E+08	1.28E+08	+	0.005635
BC030336	MmuINT0023136	chr7	1.28E+08	1.28E+08	+	0.598956
BC031181	MmuINT0023152	chr18	75165769	75168304	+	0.048684
BC031353	MmuINT0023154	chr9	74801086	74801520	+	0.03452
BC031353	MmuINT0023157	chr9	74871461	74873457	+	0.403108
BC031353	MmuINT0023158	chr9	74873655	74879321	+	0.023777
BC031353	MmuINT0023159	chr9	74852257	74854094	+	0.008468
BC031353	MmuINT0023161	chr9	74854895	74856457	+	0.025688
BC031353	MmuINT0023162	chr9	74858274	74860747	+	0.027984
BC031353	MmuINT0023163	chr9	74860862	74863650	+	0.01054
BC031353	MmuINT0023164	chr9	74863731	74864844	+	0.011873
BC031353	MmuINT0023165	chr9	74864954	74866803	+	0.014955
BC031353	MmuINT0023166	chr9	74866963	74871391	+	0.278054
BC031781	MmuINT0023167	chr1	1.83E+08	1.83E+08	+	0.021707
BC031781	MmuINT0023168	chr1	1.83E+08	1.83E+08	+	0.020324
BC031781	MmuINT0023169	chr1	1.83E+08	1.83E+08	+	0.030725
BC031781	MmuINT0023170	chr1	1.83E+08	1.83E+08	+	0.035672
BC031781	MmuINT0023171	chr1	1.83E+08	1.83E+08	+	0.028273
BC031781	MmuINT0023172	chr1	1.83E+08	1.83E+08	+	0.050006
BC032203	MmuINT0023174	chr17	46938779	46943500	-	0.043492

BC032203	MmuINT0023176	chr17	46963073	46966860	-	0.062911
BC032203	MmuINT0023177	chr17	46950988	46961398	-	0.027763
BC032203	MmuINT0023178	chr17	46948974	46950881	-	0.02953
BC032203	MmuINT0023179	chr17	46946576	46948872	-	0.042237
BC032203	MmuINT0023180	chr17	46945444	46946516	-	0.033156
BC032203	MmuINT0023181	chr17	46944440	46945297	-	0.023178
BC032203	MmuINT0023182	chr17	46943604	46944344	-	0.047426
BC037034	MmuINT0023184	chr5	1.39E+08	1.39E+08	-	0.861736
BC037034	MmuINT0023185	chr5	1.39E+08	1.39E+08	-	0.121712
BC037034	MmuINT0023186	chr5	1.39E+08	1.39E+08	-	0.076111
BC037034	MmuINT0023187	chr5	1.39E+08	1.39E+08	-	0.034081
BC037034	MmuINT0023188	chr5	1.39E+08	1.39E+08	-	0.194652
BC037034	MmuINT0023189	chr5	1.39E+08	1.39E+08	-	0.129965
BC037034	MmuINT0023190	chr5	1.39E+08	1.39E+08	-	0.066111
BC037034	MmuINT0023191	chr5	1.39E+08	1.39E+08	-	0.262528
BC037034	MmuINT0023192	chr5	1.39E+08	1.39E+08	-	0.210127
BC037034	MmuINT0023193	chr5	1.39E+08	1.39E+08	-	0.081158
BC046331	MmuINT0023203	chr4	1.53E+08	1.53E+08	+	0.006697
BC046331	MmuINT0023204	chr4	1.53E+08	1.53E+08	+	0.007825
BC046331	MmuINT0023205	chr4	1.53E+08	1.53E+08	+	0.006575
BC046331	MmuINT0023206	chr4	1.53E+08	1.53E+08	+	0.026994
BC046331	MmuINT0023207	chr4	1.53E+08	1.53E+08	+	0.011921
BC046331	MmuINT0023208	chr4	1.53E+08	1.53E+08	+	0.010892
BC046331	MmuINT0023209	chr4	1.53E+08	1.53E+08	+	0.007026
BC046331	MmuINT0023210	chr4	1.53E+08	1.53E+08	+	0.022146
BC046331	MmuINT0023211	chr4	1.53E+08	1.53E+08	+	0.007434
BC046331	MmuINT0023212	chr4	1.53E+08	1.53E+08	+	0.026358
BC046331	MmuINT0023213	chr4	1.53E+08	1.53E+08	+	0.011112
BC046331	MmuINT0023214	chr4	1.53E+08	1.53E+08	+	0.006536
BC046331	MmuINT0023215	chr4	1.53E+08	1.53E+08	+	0.018777
BC046331	MmuINT0023216	chr4	1.53E+08	1.53E+08	+	0.007415
BC046331	MmuINT0023217	chr4	1.53E+08	1.53E+08	+	0.008794
BC046331	MmuINT0023218	chr4	1.53E+08	1.53E+08	+	0.013253
BC046331	MmuINT0023219	chr4	1.53E+08	1.53E+08	+	0.011766
BC046331	MmuINT0023220	chr4	1.53E+08	1.53E+08	+	0.015132
BC046331	MmuINT0023221	chr4	1.53E+08	1.53E+08	+	0.017353
BC046331	MmuINT0023222	chr4	1.53E+08	1.53E+08	+	0.011442
BC046331	MmuINT0023223	chr4	1.53E+08	1.53E+08	+	0.008201
BC048355	MmuINT0023227	chr17	46633922	46635373	+	0.04883
BC048355	MmuINT0023228	chr17	46635443	46635591	+	0.059391
BC048355	MmuINT0023229	chr17	46635703	46635825	+	0.050795
BC048403	MmuINT0023231	chr10	1.21E+08	1.21E+08	+	0.073436
BC053749	MmuINT0023381	chr7	31324850	31324937	-	0.077267
BC057079	MmuINT0023433	chr4	87831987	87842662	+	0.040083
BC057079	MmuINT0023434	chr4	87842921	87875226	+	0.09241
BC057079	MmuINT0023437	chr4	87876487	87878559	+	0.029552
BC057079	MmuINT0023438	chr4	87878687	87920001	+	0.024342
BC057079	MmuINT0023440	chr4	87924164	87925123	+	0.040027
BC057079	MmuINT0023442	chr4	87943006	87949348	+	0.019526
BC057079	MmuINT0023443	chr4	87767263	87770491	+	0.062828

BC057079	MmuINT0023446	chr4	87972140	87976872	+	0.034617
BC057079	MmuINT0023447	chr4	87976962	87982071	+	0.038116
BC057079	MmuINT0023448	chr4	87982117	87985088	+	0.035762
BC057079	MmuINT0023449	chr4	87985198	87988106	+	0.023682
BC057079	MmuINT0023450	chr4	87988224	87990482	+	0.024498
BC057079	MmuINT0023451	chr4	87990722	87994707	+	0.017961
BC057079	MmuINT0023452	chr4	87994798	88001271	+	0.017001
BC057079	MmuINT0023453	chr4	88001420	88003347	+	0.029366
BC057079	MmuINT0023454	chr4	87770567	87774801	+	0.044374
BC057079	MmuINT0023455	chr4	88003468	88005150	+	0.031374
BC057079	MmuINT0023456	chr4	88005274	88005730	+	0.036236
BC057079	MmuINT0023457	chr4	88005809	88006420	+	0.043778
BC057079	MmuINT0023458	chr4	88006493	88014576	+	0.03118
BC057079	MmuINT0023459	chr4	88014680	88016658	+	0.021368
BC057079	MmuINT0023460	chr4	88016740	88037862	+	0.0259
BC057079	MmuINT0023461	chr4	88037992	88039436	+	0.029634
BC057079	MmuINT0023462	chr4	88039553	88042878	+	0.02612
BC057079	MmuINT0023463	chr4	88043140	88043745	+	0.040897
BC057079	MmuINT0023464	chr4	88043836	88046920	+	0.022474
BC057079	MmuINT0023465	chr4	87774957	87800540	+	0.023927
BC057079	MmuINT0023466	chr4	88047099	88049214	+	0.027886
BC057079	MmuINT0023467	chr4	88049313	88053016	+	0.031221
BC057079	MmuINT0023468	chr4	88053269	88054824	+	0.06274
BC057079	MmuINT0023469	chr4	88054901	88056520	+	0.093722
BC057079	MmuINT0023470	chr4	87800646	87815810	+	0.040864
BC057079	MmuINT0023472	chr4	87820722	87823985	+	0.033426
BC057079	MmuINT0023474	chr4	87828576	87831783	+	0.026516
BC067068	MmuINT0023523	chr10	1.05E+08	1.05E+08	-	0.06527
BC067068	MmuINT0023524	chr10	1.05E+08	1.05E+08	-	0.058726
BC067068	MmuINT0023526	chr10	1.05E+08	1.05E+08	-	0.039717
BC067068	MmuINT0023527	chr10	1.05E+08	1.05E+08	-	0.03346
BC067068	MmuINT0023528	chr10	1.05E+08	1.05E+08	-	0.035453
BC067068	MmuINT0023532	chr10	1.05E+08	1.05E+08	-	0.066916
BC068157	MmuINT0023538	chr8	4211037	4212885	-	0.948018
BC068281	MmuINT0023539	chr12	4862199	4863651	+	0.950486
BC088983	MmuINT0023542	chr8	59026322	59029341	-	0.57698
BC088983	MmuINT0023543	chr8	59010530	59011273	-	0.13534
BC088983	MmuINT0023544	chr8	59024350	59026184	-	0.024012
BC088983	MmuINT0023545	chr8	59023062	59024201	-	0.028407
BC088983	MmuINT0023546	chr8	59021826	59022914	-	0.017345
BC088983	MmuINT0023547	chr8	59019831	59021702	-	0.14824
BC088983	MmuINT0023548	chr8	59018700	59019662	-	0.114608
BC088983	MmuINT0023549	chr8	59017481	59018492	-	0.025424
BC088983	MmuINT0023550	chr8	59011698	59017407	-	0.220493
BC088983	MmuINT0023551	chr8	59011312	59011572	-	0.187603
BC096441	MmuINT0023575	chr11	69507177	69508251	-	0.022242
BC096441	MmuINT0023576	chr11	69507044	69507122	-	0.014198
BC096441	MmuINT0023577	chr11	69500879	69507007	-	0.040157
BC096441	MmuINT0023578	chr11	69500594	69500753	-	0.011088
BY080835	MmuINT0023582	chr9	1.07E+08	1.07E+08	-	0.034349

BY080835	MmuINT0023583	chr9	1.07E+08	1.07E+08	-	0.021519
Baalc	MmuINT0023584	chr15	38765623	38780663	+	0.033409
Bace1	MmuINT0023589	chr9	45647372	45660970	+	0.017307
Bace1	MmuINT0023590	chr9	45661060	45662709	+	0.025399
Bace1	MmuINT0023591	chr9	45662927	45664170	+	0.017188
Bace1	MmuINT0023592	chr9	45664309	45665196	+	0.257571
Bace1	MmuINT0023593	chr9	45665332	45666482	+	0.288947
Bace1	MmuINT0023594	chr9	45666585	45666992	+	0.299828
Bace1	MmuINT0023595	chr9	45667143	45667361	+	0.309536
Bace1	MmuINT0023596	chr9	45667534	45668136	+	0.307476
Bace2	MmuINT0023597	chr16	97578709	97621240	+	0.071828
Bace2	MmuINT0023598	chr16	97621330	97629883	+	0.054791
Bace2	MmuINT0023599	chr16	97630101	97633664	+	0.044568
Bace2	MmuINT0023602	chr16	97636788	97643456	+	0.048547
Bace2	MmuINT0023603	chr16	97643607	97646096	+	0.050005
Bace2	MmuINT0023604	chr16	97646266	97658248	+	0.042315
Bach1	MmuINT0023605	chr16	87699302	87715575	+	0.055022
Bach1	MmuINT0023606	chr16	87715870	87719051	+	0.096368
Bach1	MmuINT0023607	chr16	87720396	87722646	+	0.006738
Bach1	MmuINT0023608	chr16	87722854	87729681	+	0.022499
Bach2	MmuINT0023611	chr4	32662422	32666791	+	0.053175
Bad	MmuINT0023612	chr19	7017537	7025129	+	0.05005
Bad	MmuINT0023613	chr19	7025321	7025888	+	0.095878
Bag1	MmuINT0023614	chr4	40893331	40894754	-	0.000657
Bag1	MmuINT0023615	chr4	40890741	40893201	-	0.000611
Bag1	MmuINT0023616	chr4	40888672	40890657	-	0.001683
Bag1	MmuINT0023617	chr4	40886218	40888557	-	0.003496
Bag1	MmuINT0023618	chr4	40884228	40886109	-	0.000885
Bag1	MmuINT0023619	chr4	40883710	40884164	-	0.000618
Bag2	MmuINT0023621	chr1	33803862	33805061	-	0.01089
Bag3	MmuINT0023622	chr7	1.36E+08	1.36E+08	+	0.010474
Bag3	MmuINT0023623	chr7	1.36E+08	1.36E+08	+	0.00375
Bag3	MmuINT0023624	chr7	1.36E+08	1.36E+08	+	0.00805
Bag4	MmuINT0023626	chr8	26881806	26887894	-	0.069526
Bag4	MmuINT0023627	chr8	26880009	26881550	-	0.213193
Bag4	MmuINT0023628	chr8	26878882	26879753	-	0.074429
Bag5	MmuINT0023629	chr12	1.13E+08	1.13E+08	-	0.038638
Bahcc1	MmuINT0023632	chr11	1.2E+08	1.2E+08	+	0.155784
Bahcc1	MmuINT0023633	chr11	1.2E+08	1.2E+08	+	0.04379
Bahcc1	MmuINT0023637	chr11	1.2E+08	1.2E+08	+	0.300747
Bahcc1	MmuINT0023638	chr11	1.2E+08	1.2E+08	+	0.06441
Bahcc1	MmuINT0023639	chr11	1.2E+08	1.2E+08	+	0.050986
Bahcc1	MmuINT0023642	chr11	1.2E+08	1.2E+08	+	0.064914
Bahcc1	MmuINT0023643	chr11	1.2E+08	1.2E+08	+	0.060415
Bahcc1	MmuINT0023644	chr11	1.2E+08	1.2E+08	+	0.044966
Bahcc1	MmuINT0023645	chr11	1.2E+08	1.2E+08	+	0.063708
Bahcc1	MmuINT0023646	chr11	1.2E+08	1.2E+08	+	0.058354
Bahcc1	MmuINT0023647	chr11	1.2E+08	1.2E+08	+	0.06965
Bahcc1	MmuINT0023648	chr11	1.2E+08	1.2E+08	+	0.077627
Bahcc1	MmuINT0023649	chr11	1.2E+08	1.2E+08	+	0.041504

Bahd1	MmuINT0023657	chr2	1.19E+08	1.19E+08	+	0.01794
Bahd1	MmuINT0023658	chr2	1.19E+08	1.19E+08	+	0.028547
Bahd1	MmuINT0023659	chr2	1.19E+08	1.19E+08	+	0.018433
Bahd1	MmuINT0023660	chr2	1.19E+08	1.19E+08	+	0.024872
Bahd1	MmuINT0023661	chr2	1.19E+08	1.19E+08	+	0.058565
Bahd1	MmuINT0023662	chr2	1.19E+08	1.19E+08	+	0.026418
Baiap2	MmuINT0023752	chr11	1.2E+08	1.2E+08	+	0.034909
Baiap2	MmuINT0023753	chr11	1.2E+08	1.2E+08	+	0.104816
Baiap2	MmuINT0023754	chr11	1.2E+08	1.2E+08	+	0.032824
Baiap2	MmuINT0023755	chr11	1.2E+08	1.2E+08	+	0.038617
Baiap2	MmuINT0023756	chr11	1.2E+08	1.2E+08	+	0.555594
Baiap2	MmuINT0023757	chr11	1.2E+08	1.2E+08	+	0.070525
Baiap2	MmuINT0023758	chr11	1.2E+08	1.2E+08	+	0.053008
Baiap2	MmuINT0023760	chr11	1.2E+08	1.2E+08	+	0.049211
Baiap2	MmuINT0023761	chr11	1.2E+08	1.2E+08	+	0.049457
Baiap2	MmuINT0023762	chr11	1.2E+08	1.2E+08	+	0.04168
Baiap2	MmuINT0023763	chr11	1.2E+08	1.2E+08	+	0.084859
Baiap2l1	MmuINT0023766	chr5	1.45E+08	1.45E+08	-	0.01818
Baiap2l1	MmuINT0023767	chr5	1.45E+08	1.45E+08	-	0.064522
Baiap2l1	MmuINT0023768	chr5	1.45E+08	1.45E+08	-	0.081943
Baiap2l1	MmuINT0023769	chr5	1.45E+08	1.45E+08	-	0.082141
Baiap2l1	MmuINT0023770	chr5	1.45E+08	1.45E+08	-	0.094087
Baiap2l1	MmuINT0023771	chr5	1.45E+08	1.45E+08	-	0.034069
Baiap2l1	MmuINT0023772	chr5	1.45E+08	1.45E+08	-	0.031114
Baiap2l1	MmuINT0023773	chr5	1.45E+08	1.45E+08	-	0.01804
Baiap2l1	MmuINT0023774	chr5	1.45E+08	1.45E+08	-	0.018713
Baiap2l1	MmuINT0023775	chr5	1.45E+08	1.45E+08	-	0.011812
Baiap2l1	MmuINT0023776	chr5	1.45E+08	1.45E+08	-	0.014267
Baiap2l1	MmuINT0023777	chr5	1.45E+08	1.45E+08	-	0.01581
Baiap2l1	MmuINT0023778	chr5	1.45E+08	1.45E+08	-	0.020423
Bak1	MmuINT0023825	chr17	27162839	27165355	-	0.172802
Bak1	MmuINT0023826	chr17	27159823	27162737	-	0.12077
Bak1	MmuINT0023827	chr17	27159528	27159686	-	0.123557
Bak1	MmuINT0023828	chr17	27158293	27159383	-	0.365851
Bak1	MmuINT0023829	chr17	27157981	27158111	-	0.013669
Bambi	MmuINT0023830	chr18	3508284	3511254	+	0.030085
Bambi	MmuINT0023831	chr18	3511543	3511979	+	0.001931
Banf1	MmuINT0023833	chr19	5365957	5366567	-	0.027428
Banf1	MmuINT0023834	chr19	5365159	5365817	-	0.001192
Banp	MmuINT0023854	chr8	1.24E+08	1.24E+08	+	0.100592
Banp	MmuINT0023855	chr8	1.25E+08	1.25E+08	+	0.058817
Banp	MmuINT0023856	chr8	1.25E+08	1.25E+08	+	0.073222
Banp	MmuINT0023857	chr8	1.25E+08	1.25E+08	+	0.039161
Banp	MmuINT0023858	chr8	1.24E+08	1.24E+08	+	0.029825
Banp	MmuINT0023859	chr8	1.24E+08	1.25E+08	+	0.075647
Banp	MmuINT0023860	chr8	1.25E+08	1.25E+08	+	0.040165
Banp	MmuINT0023861	chr8	1.25E+08	1.25E+08	+	0.048837
Banp	MmuINT0023862	chr8	1.25E+08	1.25E+08	+	0.021921
Banp	MmuINT0023863	chr8	1.25E+08	1.25E+08	+	0.027686
Banp	MmuINT0023864	chr8	1.25E+08	1.25E+08	+	0.024242

Banp	MmuINT0023865	chr8	1.25E+08	1.25E+08	+	0.044161
Bap1	MmuINT0023866	chr14	32064841	32064935	+	0.009978
Bap1	MmuINT0023867	chr14	32068847	32069296	+	0.01187
Bap1	MmuINT0023868	chr14	32069482	32069846	+	0.021571
Bap1	MmuINT0023869	chr14	32069978	32070474	+	0.026095
Bap1	MmuINT0023870	chr14	32070954	32071066	+	0.022864
Bap1	MmuINT0023871	chr14	32071228	32071469	+	0.015539
Bap1	MmuINT0023872	chr14	32071563	32071643	+	0.018947
Bap1	MmuINT0023873	chr14	32071717	32071891	+	0.013811
Bap1	MmuINT0023874	chr14	32064966	32065085	+	0.038028
Bap1	MmuINT0023875	chr14	32065141	32066113	+	0.030115
Bap1	MmuINT0023876	chr14	32066247	32066641	+	0.024097
Bap1	MmuINT0023877	chr14	32066762	32067218	+	0.017648
Bap1	MmuINT0023878	chr14	32067281	32067352	+	0.013795
Bap1	MmuINT0023879	chr14	32067496	32067746	+	0.008085
Bap1	MmuINT0023880	chr14	32067826	32068271	+	0.007041
Bap1	MmuINT0023881	chr14	32068396	32068698	+	0.006191
Basp1	MmuINT0023903	chr15	25294674	25343306	-	0.057111
Bax	MmuINT0024059	chr7	52721642	52722111	-	0.381234
Bax	MmuINT0024060	chr7	52721494	52721589	-	0.012578
Bax	MmuINT0024061	chr7	52720695	52721346	-	0.009603
Bax	MmuINT0024062	chr7	52718874	52720558	-	0.009774
Bax	MmuINT0024063	chr7	52717337	52718768	-	0.026463
Baz1a	MmuINT0024064	chr12	56086795	56087148	-	0.708832
Baz1a	MmuINT0024065	chr12	56030653	56031238	-	0.040917
Baz1a	MmuINT0024067	chr12	56024468	56028550	-	0.142431
Baz1a	MmuINT0024070	chr12	56022133	56023429	-	0.063368
Baz1a	MmuINT0024071	chr12	56019550	56022024	-	0.067293
Baz1a	MmuINT0024072	chr12	56018055	56019424	-	0.034123
Baz1a	MmuINT0024073	chr12	56013728	56017454	-	0.043376
Baz1a	MmuINT0024074	chr12	56012449	56013563	-	0.041138
Baz1a	MmuINT0024075	chr12	56076370	56086652	-	0.265957
Baz1a	MmuINT0024076	chr12	56010135	56012296	-	0.058445
Baz1a	MmuINT0024077	chr12	56001546	56009985	-	0.045142
Baz1a	MmuINT0024078	chr12	56001214	56001297	-	0.04176
Baz1a	MmuINT0024079	chr12	55999786	56000986	-	0.052586
Baz1a	MmuINT0024080	chr12	55997160	55999324	-	0.091993
Baz1a	MmuINT0024083	chr12	56055829	56076090	-	0.033973
Baz1a	MmuINT0024084	chr12	56047891	56055684	-	0.044095
Baz1a	MmuINT0024086	chr12	56042624	56044963	-	0.039142
Baz1a	MmuINT0024087	chr12	56036569	56042488	-	0.050177
Baz1a	MmuINT0024088	chr12	56035894	56036468	-	0.0585
Baz1b	MmuINT0024090	chr5	1.36E+08	1.36E+08	+	0.018529
Baz1b	MmuINT0024091	chr5	1.36E+08	1.36E+08	+	0.006672
Baz1b	MmuINT0024092	chr5	1.36E+08	1.36E+08	+	0.005881
Baz1b	MmuINT0024093	chr5	1.36E+08	1.36E+08	+	0.006033
Baz1b	MmuINT0024094	chr5	1.36E+08	1.36E+08	+	0.013231
Baz1b	MmuINT0024095	chr5	1.36E+08	1.36E+08	+	0.009813
Baz1b	MmuINT0024096	chr5	1.36E+08	1.36E+08	+	0.005276
Baz1b	MmuINT0024097	chr5	1.36E+08	1.36E+08	+	0.035384

Baz1b	MmuINT0024098	chr5	1.36E+08	1.36E+08	+	0.012522
Baz1b	MmuINT0024099	chr5	1.36E+08	1.36E+08	+	0.015349
Baz1b	MmuINT0024100	chr5	1.36E+08	1.36E+08	+	0.071573
Baz1b	MmuINT0024101	chr5	1.36E+08	1.36E+08	+	0.008453
Baz1b	MmuINT0024102	chr5	1.36E+08	1.36E+08	+	0.130842
Baz1b	MmuINT0024103	chr5	1.36E+08	1.36E+08	+	0.008532
Baz1b	MmuINT0024104	chr5	1.36E+08	1.36E+08	+	0.009429
Baz1b	MmuINT0024105	chr5	1.36E+08	1.36E+08	+	0.006749
Baz1b	MmuINT0024106	chr5	1.36E+08	1.36E+08	+	0.008086
Baz1b	MmuINT0024107	chr5	1.36E+08	1.36E+08	+	0.006149
Baz2a	MmuINT0024109	chr10	1.28E+08	1.28E+08	+	0.021851
Baz2a	MmuINT0024110	chr10	1.28E+08	1.28E+08	+	0.026434
Baz2a	MmuINT0024111	chr10	1.28E+08	1.28E+08	+	0.026625
Baz2a	MmuINT0024112	chr10	1.28E+08	1.28E+08	+	0.03208
Baz2a	MmuINT0024113	chr10	1.28E+08	1.28E+08	+	0.126527
Baz2a	MmuINT0024114	chr10	1.28E+08	1.28E+08	+	0.070487
Baz2a	MmuINT0024115	chr10	1.28E+08	1.28E+08	+	0.073091
Baz2a	MmuINT0024116	chr10	1.28E+08	1.28E+08	+	0.027947
Baz2a	MmuINT0024117	chr10	1.28E+08	1.28E+08	+	0.089919
Baz2a	MmuINT0024118	chr10	1.28E+08	1.28E+08	+	0.073306
Baz2a	MmuINT0024120	chr10	1.28E+08	1.28E+08	+	0.062246
Baz2a	MmuINT0024121	chr10	1.28E+08	1.28E+08	+	0.044333
Baz2a	MmuINT0024122	chr10	1.28E+08	1.28E+08	+	0.068407
Baz2a	MmuINT0024123	chr10	1.28E+08	1.28E+08	+	0.103575
Baz2a	MmuINT0024124	chr10	1.28E+08	1.28E+08	+	0.184009
Baz2a	MmuINT0024125	chr10	1.28E+08	1.28E+08	+	0.039164
Baz2a	MmuINT0024126	chr10	1.28E+08	1.28E+08	+	0.120188
Baz2a	MmuINT0024127	chr10	1.28E+08	1.28E+08	+	0.092328
Baz2a	MmuINT0024128	chr10	1.28E+08	1.28E+08	+	0.06388
Baz2a	MmuINT0024129	chr10	1.28E+08	1.28E+08	+	0.071223
Baz2a	MmuINT0024130	chr10	1.28E+08	1.28E+08	+	0.023432
Baz2a	MmuINT0024131	chr10	1.28E+08	1.28E+08	+	0.033738
Baz2a	MmuINT0024132	chr10	1.28E+08	1.28E+08	+	0.019863
Baz2a	MmuINT0024133	chr10	1.28E+08	1.28E+08	+	0.021092
Baz2a	MmuINT0024134	chr10	1.28E+08	1.28E+08	+	0.038561
Baz2a	MmuINT0024135	chr10	1.28E+08	1.28E+08	+	0.109817
Baz2a	MmuINT0024136	chr10	1.28E+08	1.28E+08	+	0.029741
Baz2b	MmuINT0024137	chr2	59914969	59963519	-	0.101874
Baz2b	MmuINT0024140	chr2	59786355	59795686	-	0.027737
Baz2b	MmuINT0024141	chr2	59781088	59786143	-	0.035207
Baz2b	MmuINT0024148	chr2	59844247	59914926	-	0.052803
Baz2b	MmuINT0024149	chr2	59762973	59764076	-	0.021802
Baz2b	MmuINT0024150	chr2	59761813	59762717	-	0.161054
Baz2b	MmuINT0024151	chr2	59760275	59761597	-	0.018633
Baz2b	MmuINT0024152	chr2	59758596	59760199	-	0.076414
Baz2b	MmuINT0024153	chr2	59756559	59758351	-	0.021444
Baz2b	MmuINT0024154	chr2	59755556	59756495	-	0.022302
Baz2b	MmuINT0024155	chr2	59752253	59755410	-	0.047297
Baz2b	MmuINT0024156	chr2	59751063	59751596	-	0.025619
Baz2b	MmuINT0024157	chr2	59750615	59750785	-	0.021643



Baz2b	MmuINT0024158	chr2	59749900	59750458	-	0.015189
Baz2b	MmuINT0024160	chr2	59745807	59749738	-	0.122742
Baz2b	MmuINT0024161	chr2	59745109	59745495	-	0.045256
Baz2b	MmuINT0024162	chr2	59741363	59744972	-	0.039688
Baz2b	MmuINT0024163	chr2	59740049	59741215	-	0.070925
Baz2b	MmuINT0024164	chr2	59739676	59739782	-	0.039525
Baz2b	MmuINT0024165	chr2	59738860	59739531	-	0.030124
Baz2b	MmuINT0024167	chr2	59815610	59816599	-	0.033701
Baz2b	MmuINT0024168	chr2	59807476	59815415	-	0.041417
Baz2b	MmuINT0024169	chr2	59807080	59807274	-	0.02396
Baz2b	MmuINT0024170	chr2	59800688	59806683	-	0.027242
Bbc3	MmuINT0024173	chr7	16897764	16898975	+	0.09115
Bbc3	MmuINT0024174	chr7	16899167	16902466	+	0.089895
Bbs1	MmuINT0024189	chr19	4906020	4906141	-	0.068025
Bbs2	MmuINT0024199	chr8	96616523	96622135	-	0.021064
Bbs2	MmuINT0024200	chr8	96604840	96604924	-	0.061094
Bbs2	MmuINT0024201	chr8	96603513	96604667	-	0.210312
Bbs2	MmuINT0024202	chr8	96600984	96603382	-	0.043206
Bbs2	MmuINT0024203	chr8	96599161	96600851	-	0.044853
Bbs2	MmuINT0024204	chr8	96598305	96599022	-	0.025554
Bbs2	MmuINT0024205	chr8	96594011	96598191	-	0.025083
Bbs2	MmuINT0024206	chr8	96592283	96593861	-	0.017644
Bbs2	MmuINT0024207	chr8	96613788	96616294	-	0.023308
Bbs2	MmuINT0024208	chr8	96613066	96613661	-	0.028729
Bbs2	MmuINT0024209	chr8	96611355	96613002	-	0.023522
Bbs2	MmuINT0024210	chr8	96610836	96611276	-	0.023476
Bbs2	MmuINT0024211	chr8	96610643	96610730	-	0.019167
Bbs2	MmuINT0024212	chr8	96606392	96610555	-	0.021978
Bbs2	MmuINT0024213	chr8	96606038	96606255	-	0.081727
Bbs2	MmuINT0024214	chr8	96605070	96605897	-	0.079994
Bbs4	MmuINT0024216	chr9	59175416	59176386	-	0.051999
Bbs4	MmuINT0024217	chr9	59175166	59175262	-	0.071014
Bbs4	MmuINT0024218	chr9	59172667	59174993	-	0.068928
Bbs4	MmuINT0024219	chr9	59171986	59172596	-	0.077987
Bbs4	MmuINT0024220	chr9	59171397	59171843	-	0.069832
Bbs4	MmuINT0024221	chr9	59170790	59171194	-	0.10171
Bbs4	MmuINT0024223	chr9	59190359	59191866	-	0.087966
Bbs4	MmuINT0024227	chr9	59181415	59184170	-	0.088956
Bbs4	MmuINT0024228	chr9	59178280	59181286	-	0.073689
Bbs4	MmuINT0024229	chr9	59176456	59178224	-	0.083815
Bbs5	MmuINT0024230	chr2	69485400	69487078	+	0.085778
Bbs5	MmuINT0024231	chr2	69503167	69504997	+	0.062915
Bbs5	MmuINT0024232	chr2	69505022	69505160	+	0.017761
Bbs5	MmuINT0024234	chr2	69490905	69492119	+	0.071555
Bbs5	MmuINT0024235	chr2	69492170	69492302	+	0.059715
Bbs5	MmuINT0024236	chr2	69492431	69493555	+	0.106918
Bbs5	MmuINT0024237	chr2	69493692	69494953	+	0.038414
Bbs5	MmuINT0024238	chr2	69495050	69499092	+	0.070406
Bbs5	MmuINT0024239	chr2	69499156	69501082	+	0.133776
Bbs5	MmuINT0024240	chr2	69501218	69503082	+	0.037734

Bbs7	MmuINT0024241	chr3	36511000	36512171	-	0.0422
Bbs7	MmuINT0024242	chr3	36493483	36497187	-	0.028978
Bbs7	MmuINT0024244	chr3	36489640	36491286	-	0.044358
Bbs7	MmuINT0024245	chr3	36481688	36489573	-	0.043611
Bbs7	MmuINT0024248	chr3	36474571	36474664	-	0.060721
Bbs7	MmuINT0024249	chr3	36474340	36474466	-	0.084447
Bbs7	MmuINT0024250	chr3	36472545	36474215	-	0.04764
Bbs7	MmuINT0024253	chr3	36506630	36509101	-	0.041281
Bbs7	MmuINT0024256	chr3	36501882	36503327	-	0.07295
Bbs9	MmuINT0024262	chr9	22440132	22443173	+	0.047518
Bbs9	MmuINT0024265	chr9	22450513	22459668	+	0.038643
Bbs9	MmuINT0024266	chr9	22459810	22463493	+	0.027235
Bbs9	MmuINT0024267	chr9	22463590	22475228	+	0.027547
Bbs9	MmuINT0024268	chr9	22475402	22483355	+	0.025988
Bbs9	MmuINT0024269	chr9	22483509	22598194	+	0.072736
Bbs9	MmuINT0024271	chr9	22598378	22616764	+	0.019873
Bbs9	MmuINT0024272	chr9	22616988	22692024	+	0.043391
Bbs9	MmuINT0024273	chr9	22692133	22692305	+	0.023557
Bbs9	MmuINT0024274	chr9	22295385	22301152	+	0.039626
Bbs9	MmuINT0024276	chr9	22308554	22318423	+	0.044311
Bbs9	MmuINT0024280	chr9	22383265	22383907	+	0.037375
Bbx	MmuINT0024283	chr16	50225407	50240966	-	0.044464
Bbx	MmuINT0024284	chr16	50223499	50224400	-	0.034798
Bbx	MmuINT0024285	chr16	50220707	50223362	-	0.030727
Bbx	MmuINT0024286	chr16	50209258	50220557	-	0.051753
Bbx	MmuINT0024287	chr16	50202689	50209197	-	0.032758
Bbx	MmuINT0024288	chr16	50200705	50202490	-	0.026941
Bbx	MmuINT0024289	chr16	50197760	50200520	-	0.030279
Bbx	MmuINT0024293	chr16	50266483	50274659	-	0.057751
Bbx	MmuINT0024294	chr16	50262597	50266289	-	0.032608
Bbx	MmuINT0024295	chr16	50251508	50262528	-	0.071803
Bbx	MmuINT0024296	chr16	50247970	50251426	-	0.054335
Bbx	MmuINT0024297	chr16	50241048	50247894	-	0.0617
Bcam	MmuINT0024298	chr7	20353923	20355755	-	0.007315
Bcam	MmuINT0024299	chr7	20344446	20345395	-	0.002237
Bcam	MmuINT0024300	chr7	20344153	20344308	-	0.026223
Bcam	MmuINT0024301	chr7	20343918	20344007	-	0.001264
Bcam	MmuINT0024302	chr7	20342175	20343772	-	0.009337
Bcam	MmuINT0024303	chr7	20341969	20342056	-	0.005674
Bcam	MmuINT0024304	chr7	20352411	20353800	-	0.003675
Bcam	MmuINT0024305	chr7	20352109	20352184	-	0.008539
Bcam	MmuINT0024306	chr7	20351059	20352037	-	0.008298
Bcam	MmuINT0024307	chr7	20350866	20350961	-	0.000853
Bcam	MmuINT0024308	chr7	20350139	20350682	-	0.001019
Bcam	MmuINT0024309	chr7	20349546	20350001	-	0.000991
Bcam	MmuINT0024310	chr7	20345762	20349388	-	0.007485
Bcam	MmuINT0024311	chr7	20345538	20345642	-	0.003782
Bcap29	MmuINT0024323	chr12	32311742	32315657	-	0.015529
Bcap29	MmuINT0024324	chr12	32309116	32311590	-	0.00407
Bcap29	MmuINT0024325	chr12	32302046	32308979	-	0.005899

Bcap29	MmuINT0024326	chr12	32285610	32301939	-	0.007988
Bcap29	MmuINT0024327	chr12	32281243	32285508	-	0.003319
Bcap31	MmuINT0024328	chrX	70960268	70961456	-	0.024613
Bcap31	MmuINT0024329	chrX	70957885	70960131	-	0.002526
Bcap31	MmuINT0024330	chrX	70952484	70957783	-	0.002739
Bcap31	MmuINT0024331	chrX	70935022	70952335	-	0.00207
Bcap31	MmuINT0024332	chrX	70934120	70934885	-	0.002262
Bcap31	MmuINT0024333	chrX	70933277	70933998	-	0.002591
Bcap31	MmuINT0024334	chrX	70931935	70933175	-	0.00309
Bcar1	MmuINT0024335	chr8	1.14E+08	1.14E+08	-	0.062984
Bcar1	MmuINT0024336	chr8	1.14E+08	1.14E+08	-	0.131282
Bcar1	MmuINT0024337	chr8	1.14E+08	1.14E+08	-	0.017894
Bcar1	MmuINT0024338	chr8	1.14E+08	1.14E+08	-	0.013715
Bcar1	MmuINT0024339	chr8	1.14E+08	1.14E+08	-	0.020876
Bcar1	MmuINT0024340	chr8	1.14E+08	1.14E+08	-	0.018119
Bcar3	MmuINT0024342	chr3	1.22E+08	1.22E+08	+	0.041341
Bcar3	MmuINT0024343	chr3	1.22E+08	1.22E+08	+	0.06831
Bcar3	MmuINT0024347	chr3	1.22E+08	1.22E+08	+	0.099232
Bcar3	MmuINT0024349	chr3	1.22E+08	1.22E+08	+	0.035085
Bcar3	MmuINT0024350	chr3	1.22E+08	1.22E+08	+	0.088486
Bcar3	MmuINT0024351	chr3	1.22E+08	1.22E+08	+	0.048062
Bcas2	MmuINT0024365	chr3	1.03E+08	1.03E+08	+	0.024547
Bcas2	MmuINT0024366	chr3	1.03E+08	1.03E+08	+	0.008125
Bcas2	MmuINT0024367	chr3	1.03E+08	1.03E+08	+	0.007375
Bcas2	MmuINT0024368	chr3	1.03E+08	1.03E+08	+	0.037903
Bcas2	MmuINT0024369	chr3	1.03E+08	1.03E+08	+	0.0279
Bcas2	MmuINT0024370	chr3	1.03E+08	1.03E+08	+	0.0073
Bcas3	MmuINT0024374	chr11	85271447	85279660	+	0.027566
Bcas3	MmuINT0024375	chr11	85279738	85284253	+	0.026475
Bcas3	MmuINT0024376	chr11	85284338	85290139	+	0.020966
Bcas3	MmuINT0024377	chr11	85290311	85296144	+	0.013517
Bcas3	MmuINT0024378	chr11	85296239	85309329	+	0.01381
Bcas3	MmuINT0024379	chr11	85309464	85322929	+	0.01033
Bcas3	MmuINT0024380	chr11	85323195	85345294	+	0.010945
Bcas3	MmuINT0024383	chr11	85367817	85370824	+	0.01313
Bcas3	MmuINT0024385	chr11	85370991	85372572	+	0.013589
Bcas3	MmuINT0024386	chr11	85372674	85390283	+	0.012924
Bcas3	MmuINT0024387	chr11	85390385	85394543	+	0.011728
Bcas3	MmuINT0024388	chr11	85394741	85397398	+	0.011673
Bcas3	MmuINT0024389	chr11	85397497	85615286	+	0.013676
Bcas3	MmuINT0024390	chr11	85615455	85638703	+	0.048634
Bcas3	MmuINT0024391	chr11	85168478	85173126	+	0.022893
Bcas3	MmuINT0024392	chr11	85173182	85179053	+	0.029521
Bcas3	MmuINT0024393	chr11	85179130	85184558	+	0.020983
Bcas3	MmuINT0024394	chr11	85184666	85208840	+	0.020975
Bcas3	MmuINT0024395	chr11	85208923	85229153	+	0.024885
Bcas3	MmuINT0024396	chr11	85229227	85265162	+	0.016294
Bcas3	MmuINT0024397	chr11	85265271	85271369	+	0.019602
Bcat2	MmuINT0024409	chr7	52825770	52830800	+	0.005589
Bcat2	MmuINT0024410	chr7	52843899	52844675	+	0.004348

Bcat2	MmuINT0024411	chr7	52830876	52831168	+	0.004566
Bcat2	MmuINT0024412	chr7	52831373	52840286	+	0.002214
Bcat2	MmuINT0024413	chr7	52840398	52840480	+	0.003849
Bcat2	MmuINT0024414	chr7	52840601	52840783	+	0.002883
Bcat2	MmuINT0024415	chr7	52840948	52843018	+	0.01946
Bcat2	MmuINT0024416	chr7	52843162	52843304	+	0.002809
Bcat2	MmuINT0024417	chr7	52843391	52843608	+	0.010593
Bcat2	MmuINT0024418	chr7	52843750	52843823	+	0.002295
Bccip	MmuINT0024419	chr7	1.41E+08	1.41E+08	+	0.005024
Bccip	MmuINT0024420	chr7	1.41E+08	1.41E+08	+	0.006386
Bccip	MmuINT0024421	chr7	1.41E+08	1.41E+08	+	0.042235
Bccip	MmuINT0024422	chr7	1.41E+08	1.41E+08	+	0.025949
Bccip	MmuINT0024423	chr7	1.41E+08	1.41E+08	+	0.003257
Bccip	MmuINT0024424	chr7	1.41E+08	1.41E+08	+	0.006678
Bcdin3d	MmuINT0024425	chr15	99301511	99304886	-	0.243745
Bche	MmuINT0024427	chr3	73452726	73504493	-	0.015115
Bche	MmuINT0024428	chr3	73443964	73452558	-	0.012411
Bckdha	MmuINT0024429	chr7	26426846	26443651	-	0.0005
Bckdha	MmuINT0024430	chr7	26426563	26426662	-	0.001994
Bckdha	MmuINT0024431	chr7	26423290	26426475	-	0.001542
Bckdha	MmuINT0024432	chr7	26418421	26423180	-	0.001089
Bckdha	MmuINT0024433	chr7	26416864	26418258	-	0.000661
Bckdha	MmuINT0024434	chr7	26416503	26416656	-	0.001781
Bckdha	MmuINT0024435	chr7	26416191	26416360	-	0.000806
Bckdha	MmuINT0024436	chr7	26415453	26416018	-	0.000662
Bckdhb	MmuINT0024438	chr9	84015990	84017575	+	0.002944
Bckdhb	MmuINT0024439	chr9	83846209	83847319	+	0.003463
Bckdhb	MmuINT0024440	chr9	83847389	83882382	+	0.003154
Bckdhb	MmuINT0024441	chr9	83882517	83882747	+	0.001793
Bckdhb	MmuINT0024442	chr9	83882904	83885320	+	0.002361
Bckdhb	MmuINT0024443	chr9	83885430	83903860	+	0.003153
Bckdhb	MmuINT0024444	chr9	83903959	83906115	+	0.002909
Bckdhb	MmuINT0024445	chr9	83906227	83962711	+	0.002265
Bckdhb	MmuINT0024446	chr9	83962799	84015840	+	0.002386
Bckdk	MmuINT0024447	chr7	1.35E+08	1.35E+08	+	0.003208
Bckdk	MmuINT0024448	chr7	1.35E+08	1.35E+08	+	0.003983
Bckdk	MmuINT0024449	chr7	1.35E+08	1.35E+08	+	0.005953
Bckdk	MmuINT0024450	chr7	1.35E+08	1.35E+08	+	0.002076
Bckdk	MmuINT0024451	chr7	1.35E+08	1.35E+08	+	0.002425
Bckdk	MmuINT0024452	chr7	1.35E+08	1.35E+08	+	0.00596
Bckdk	MmuINT0024453	chr7	1.35E+08	1.35E+08	+	0.006462
Bckdk	MmuINT0024454	chr7	1.35E+08	1.35E+08	+	0.002872
Bckdk	MmuINT0024455	chr7	1.35E+08	1.35E+08	+	0.003935
Bckdk	MmuINT0024456	chr7	1.35E+08	1.35E+08	+	0.01242
Bckdk	MmuINT0024457	chr7	1.35E+08	1.35E+08	+	0.001775
Bcl10	MmuINT0024458	chr3	1.46E+08	1.46E+08	+	0.006815
Bcl10	MmuINT0024459	chr3	1.46E+08	1.46E+08	+	0.020939
Bcl2	MmuINT0024468	chr1	1.08E+08	1.09E+08	-	0.128229
Bcl2l1	MmuINT0024472	chr2	1.53E+08	1.53E+08	-	0.281324
Bcl2l1	MmuINT0024473	chr2	1.53E+08	1.53E+08	-	0.003219

Bcl2l11	MmuINT0024475	chr2	1.28E+08	1.28E+08	+	0.023651
Bcl2l11	MmuINT0024476	chr2	1.28E+08	1.28E+08	+	0.024881
Bcl2l12	MmuINT0024479	chr7	52252363	52252832	-	0.019232
Bcl2l12	MmuINT0024480	chr7	52252057	52252247	-	0.017323
Bcl2l12	MmuINT0024481	chr7	52249820	52251913	-	0.162412
Bcl2l12	MmuINT0024482	chr7	52249642	52249732	-	0.126943
Bcl2l12	MmuINT0024483	chr7	52248402	52249549	-	0.264358
Bcl2l12	MmuINT0024484	chr7	52246825	52248113	-	0.163004
Bcl2l13	MmuINT0024485	chr6	1.21E+08	1.21E+08	+	0.005508
Bcl2l13	MmuINT0024486	chr6	1.21E+08	1.21E+08	+	0.006578
Bcl2l13	MmuINT0024487	chr6	1.21E+08	1.21E+08	+	0.003684
Bcl2l13	MmuINT0024488	chr6	1.21E+08	1.21E+08	+	0.004417
Bcl2l13	MmuINT0024489	chr6	1.21E+08	1.21E+08	+	0.007958
Bcl2l13	MmuINT0024490	chr6	1.21E+08	1.21E+08	+	0.00319
Bcl2l2	MmuINT0024501	chr14	55502344	55502633	+	0.018398
Bcl2l2	MmuINT0024502	chr14	55502722	55503210	+	0.045285
Bcl2l2	MmuINT0024503	chr14	55503651	55504220	+	0.028501
Bcl3	MmuINT0024504	chr7	20405550	20407785	-	0.046875
Bcl3	MmuINT0024505	chr7	20397863	20405395	-	0.06199
Bcl3	MmuINT0024506	chr7	20397049	20397753	-	0.079461
Bcl3	MmuINT0024507	chr7	20396758	20396843	-	0.114156
Bcl3	MmuINT0024509	chr7	20395013	20396405	-	0.464398
Bcl3	MmuINT0024510	chr7	20394609	20394844	-	0.334666
Bcl3	MmuINT0024511	chr7	20394406	20394490	-	0.095079
Bcl6	MmuINT0024512	chr16	23978676	23988660	-	0.05242
Bcl6	MmuINT0024513	chr16	23977773	23978636	-	0.012409
Bcl6	MmuINT0024514	chr16	23975121	23977600	-	0.018698
Bcl6	MmuINT0024515	chr16	23973306	23974898	-	0.012612
Bcl6	MmuINT0024516	chr16	23971686	23972330	-	0.03316
Bcl6	MmuINT0024517	chr16	23970160	23971500	-	0.018908
Bcl6	MmuINT0024518	chr16	23968524	23969991	-	0.028729
Bcl6	MmuINT0024519	chr16	23968284	23968392	-	0.012812
Bcl6	MmuINT0024520	chr16	23966355	23968145	-	0.0332
Bcl6b	MmuINT0024521	chr11	70042674	70043211	-	0.025442
Bcl6b	MmuINT0024522	chr11	70042212	70042482	-	0.122628
Bcl6b	MmuINT0024523	chr11	70041884	70041989	-	0.011301
Bcl6b	MmuINT0024524	chr11	70041254	70041535	-	0.031999
Bcl6b	MmuINT0024525	chr11	70040576	70041128	-	0.008608
Bcl6b	MmuINT0024526	chr11	70040342	70040410	-	0.157398
Bcl6b	MmuINT0024527	chr11	70040127	70040210	-	0.029488
Bcl6b	MmuINT0024528	chr11	70039646	70039988	-	0.180028
Bcl7a	MmuINT0024529	chr5	1.24E+08	1.24E+08	+	0.016631
Bcl7a	MmuINT0024530	chr5	1.24E+08	1.24E+08	+	0.023679
Bcl7a	MmuINT0024531	chr5	1.24E+08	1.24E+08	+	0.078014
Bcl7a	MmuINT0024532	chr5	1.24E+08	1.24E+08	+	0.014676
Bcl7a	MmuINT0024533	chr5	1.24E+08	1.24E+08	+	0.02147
Bcl7b	MmuINT0024534	chr5	1.36E+08	1.36E+08	+	0.005013
Bcl7b	MmuINT0024535	chr5	1.36E+08	1.36E+08	+	0.004507
Bcl7b	MmuINT0024536	chr5	1.36E+08	1.36E+08	+	0.010182
Bcl7b	MmuINT0024537	chr5	1.36E+08	1.36E+08	+	0.009117

Bcl7b	MmuINT0024538	chr5	1.36E+08	1.36E+08	+	0.010516
Bcl7c	MmuINT0024539	chr7	1.35E+08	1.35E+08	-	0.012924
Bcl7c	MmuINT0024540	chr7	1.35E+08	1.35E+08	-	0.01248
Bcl7c	MmuINT0024541	chr7	1.35E+08	1.35E+08	-	0.011703
Bcl9	MmuINT0024544	chr3	97019352	97020235	-	0.02132
Bcl9	MmuINT0024545	chr3	97017798	97019034	-	0.1828
Bcl9	MmuINT0024546	chr3	97016895	97017607	-	0.022083
Bcl9	MmuINT0024547	chr3	97014640	97016794	-	0.029646
Bcl9	MmuINT0024548	chr3	97011331	97012400	-	0.013925
Bcl9	MmuINT0024549	chr3	97009901	97011069	-	0.042069
Bcl9l	MmuINT0024551	chr9	44307633	44308827	+	0.025672
Bcl9l	MmuINT0024552	chr9	44309214	44309884	+	0.042914
Bcl9l	MmuINT0024553	chr9	44310005	44313135	+	0.023412
Bcl9l	MmuINT0024554	chr9	44313347	44313498	+	0.017163
Bcl9l	MmuINT0024555	chr9	44313584	44313666	+	0.025375
Bcl9l	MmuINT0024556	chr9	44315954	44316235	+	0.021733
Bcl9l	MmuINT0024557	chr9	44316518	44316778	+	0.021366
Bclaf1	MmuINT0024560	chr10	20032411	20037813	+	0.010357
Bclaf1	MmuINT0024561	chr10	20053379	20054304	+	0.02127
Bclaf1	MmuINT0024562	chr10	20054452	20059514	+	0.017338
Bclaf1	MmuINT0024563	chr10	20059728	20059857	+	0.006229
Bclaf1	MmuINT0024564	chr10	20037918	20041808	+	0.01224
Bclaf1	MmuINT0024565	chr10	20043675	20044945	+	0.016483
Bclaf1	MmuINT0024566	chr10	20045612	20045735	+	0.056001
Bclaf1	MmuINT0024567	chr10	20045906	20047907	+	0.096852
Bclaf1	MmuINT0024568	chr10	20048014	20049115	+	0.016447
Bclaf1	MmuINT0024569	chr10	20049201	20051891	+	0.023276
Bclaf1	MmuINT0024570	chr10	20052068	20053197	+	0.085727
Bcor	MmuINT0024598	chrX	11617657	11618627	-	0.016594
Bcor	MmuINT0024599	chrX	11616454	11617510	-	0.020059
Bcor	MmuINT0024600	chrX	11616195	11616375	-	0.036708
Bcor	MmuINT0024601	chrX	11615044	11616037	-	0.018292
Bcor	MmuINT0024602	chrX	11637335	11638647	-	0.028884
Bcor	MmuINT0024603	chrX	11636317	11637255	-	0.021587
Bcor	MmuINT0024604	chrX	11632282	11633469	-	0.032888
Bcor	MmuINT0024605	chrX	11626379	11632094	-	0.016034
Bcor	MmuINT0024606	chrX	11625774	11626120	-	0.049893
Bcor	MmuINT0024607	chrX	11624240	11624548	-	0.008275
Bcor	MmuINT0024608	chrX	11618795	11623981	-	0.035212
Bcorl1	MmuINT0024610	chrX	45742475	45745047	+	0.10135
Bcorl1	MmuINT0024611	chrX	45745215	45746330	+	0.061041
Bcorl1	MmuINT0024612	chrX	45746477	45753737	+	0.051433
Bcorl1	MmuINT0024614	chrX	45755087	45759093	+	0.080465
Bcorl1	MmuINT0024620	chrX	45730255	45732120	+	0.049507
Bcorl1	MmuINT0024621	chrX	45732508	45737098	+	0.042405
Bcorl1	MmuINT0024622	chrX	45737323	45742252	+	0.047502
Bcr	MmuINT0024628	chr10	74623150	74628789	+	0.06154
Bcr	MmuINT0024629	chr10	74628888	74630851	+	0.048862
Bcr	MmuINT0024630	chr10	74630984	74638021	+	0.081066
Bcr	MmuINT0024631	chr10	74638082	74639087	+	0.044112

Bcr	MmuINT0024632	chr10	74639198	74640628	+	0.033377
Bcr	MmuINT0024633	chr10	74640769	74642868	+	0.031477
Bcr	MmuINT0024635	chr10	74643004	74643879	+	0.029779
Bcr	MmuINT0024636	chr10	74643986	74644313	+	0.028869
Bcr	MmuINT0024637	chr10	74644477	74644984	+	0.025877
Bcr	MmuINT0024638	chr10	74593871	74594243	+	0.03843
Bcr	MmuINT0024639	chr10	74594430	74598638	+	0.049373
Bcs1l	MmuINT0024645	chr1	74635062	74636059	+	0.345381
Bcs1l	MmuINT0024646	chr1	74636453	74636533	+	0.010752
Bcs1l	MmuINT0024647	chr1	74636674	74636838	+	0.013675
Bcs1l	MmuINT0024648	chr1	74637034	74637244	+	0.019701
Bcs1l	MmuINT0024649	chr1	74637309	74637533	+	0.030945
Bcs1l	MmuINT0024650	chr1	74637704	74638162	+	0.015542
Bcs1l	MmuINT0024651	chr1	74638281	74638395	+	0.007441
Bdh1	MmuINT0024652	chr16	31429074	31438077	+	0.007133
Bdh1	MmuINT0024653	chr16	31438204	31446677	+	0.003469
Bdh1	MmuINT0024654	chr16	31446751	31447638	+	0.003888
Bdh1	MmuINT0024655	chr16	31447750	31449909	+	0.005515
Bdh1	MmuINT0024656	chr16	31450052	31455113	+	0.005697
Bdh1	MmuINT0024657	chr16	31455267	31456710	+	0.00255
Bdp1	MmuINT0024674	chr13	1.01E+08	1.01E+08	-	0.029839
Bdp1	MmuINT0024675	chr13	1.01E+08	1.01E+08	-	0.028259
Bdp1	MmuINT0024676	chr13	1.01E+08	1.01E+08	-	0.044586
Bdp1	MmuINT0024677	chr13	1.01E+08	1.01E+08	-	0.038185
Bdp1	MmuINT0024678	chr13	1.01E+08	1.01E+08	-	0.065886
Bdp1	MmuINT0024679	chr13	1.01E+08	1.01E+08	-	0.039702
Bdp1	MmuINT0024680	chr13	1.01E+08	1.01E+08	-	0.023049
Bdp1	MmuINT0024681	chr13	1.01E+08	1.01E+08	-	0.034775
Bdp1	MmuINT0024682	chr13	1.01E+08	1.01E+08	-	0.028279
Bdp1	MmuINT0024683	chr13	1.01E+08	1.01E+08	-	0.040574
Bdp1	MmuINT0024684	chr13	1.01E+08	1.01E+08	-	0.037015
Bdp1	MmuINT0024685	chr13	1.01E+08	1.01E+08	-	0.023679
Bdp1	MmuINT0024686	chr13	1.01E+08	1.01E+08	-	0.028013
Bdp1	MmuINT0024687	chr13	1.01E+08	1.01E+08	-	0.032289
Bdp1	MmuINT0024688	chr13	1.01E+08	1.01E+08	-	0.02935
Bdp1	MmuINT0024689	chr13	1.01E+08	1.01E+08	-	0.028159
Bdp1	MmuINT0024690	chr13	1.01E+08	1.01E+08	-	0.050108
Bdp1	MmuINT0024691	chr13	1.01E+08	1.01E+08	-	0.026925
Bdp1	MmuINT0024692	chr13	1.01E+08	1.01E+08	-	0.031208
Bdp1	MmuINT0024693	chr13	1.01E+08	1.01E+08	-	0.045864
Bdp1	MmuINT0024694	chr13	1.01E+08	1.01E+08	-	0.024792
Bdp1	MmuINT0024695	chr13	1.01E+08	1.01E+08	-	0.041923
Bdp1	MmuINT0024696	chr13	1.01E+08	1.01E+08	-	0.025655
Bdp1	MmuINT0024697	chr13	1.01E+08	1.01E+08	-	0.029306
Bdp1	MmuINT0024699	chr13	1.01E+08	1.01E+08	-	0.034193
Bdp1	MmuINT0024700	chr13	1.01E+08	1.01E+08	-	0.046987
Bdp1	MmuINT0024701	chr13	1.01E+08	1.01E+08	-	0.035437
Bdp1	MmuINT0024702	chr13	1.01E+08	1.01E+08	-	0.050619
Bdp1	MmuINT0024703	chr13	1.01E+08	1.01E+08	-	0.031688
Bdp1	MmuINT0024704	chr13	1.01E+08	1.01E+08	-	0.137491

Bdp1	MmuINT0024706	chr13	1.01E+08	1.01E+08	-	0.067188
Bdp1	MmuINT0024710	chr13	1.01E+08	1.01E+08	-	0.03683
Becn1	MmuINT0024720	chr11	1.01E+08	1.01E+08	-	0.006286
Becn1	MmuINT0024721	chr11	1.01E+08	1.01E+08	-	0.031923
Becn1	MmuINT0024722	chr11	1.01E+08	1.01E+08	-	0.005637
Becn1	MmuINT0024723	chr11	1.01E+08	1.01E+08	-	0.010916
Becn1	MmuINT0024724	chr11	1.01E+08	1.01E+08	-	0.032287
Becn1	MmuINT0024725	chr11	1.01E+08	1.01E+08	-	0.089752
Becn1	MmuINT0024726	chr11	1.01E+08	1.01E+08	-	0.01554
Becn1	MmuINT0024727	chr11	1.01E+08	1.01E+08	-	0.005631
Becn1	MmuINT0024728	chr11	1.01E+08	1.01E+08	-	0.045653
Becn1	MmuINT0024729	chr11	1.01E+08	1.01E+08	-	0.008536
Becn1	MmuINT0024730	chr11	1.01E+08	1.01E+08	-	0.018034
Bend3	MmuINT0024739	chr10	43214149	43229652	+	0.047959
Bend5	MmuINT0024744	chr4	1.11E+08	1.11E+08	+	0.030628
Bend5	MmuINT0024745	chr4	1.11E+08	1.11E+08	+	0.01817
Bend5	MmuINT0024746	chr4	1.11E+08	1.11E+08	+	0.013564
Bend5	MmuINT0024747	chr4	1.11E+08	1.11E+08	+	0.02991
Bend7	MmuINT0024757	chr2	4665568	4670581	+	0.040644
Bend7	MmuINT0024759	chr2	4674038	4684123	+	0.048615
Best3	MmuINT0024790	chr10	1.16E+08	1.16E+08	+	0.033647
Bet1	MmuINT0024791	chr6	4032583	4036776	-	0.014377
Bet1	MmuINT0024792	chr6	4030018	4032457	-	0.043665
Bet1	MmuINT0024793	chr6	4028037	4029960	-	0.023087
Bet1l	MmuINT0024794	chr7	1.48E+08	1.48E+08	-	0.048272
Bet1l	MmuINT0024795	chr7	1.48E+08	1.48E+08	-	0.080513
Bet1l	MmuINT0024796	chr7	1.48E+08	1.48E+08	-	0.021273
Bfar	MmuINT0024813	chr16	13692671	13697425	+	0.005927
Bfar	MmuINT0024814	chr16	13697600	13698965	+	0.006069
Bfar	MmuINT0024815	chr16	13699169	13702157	+	0.027805
Bfar	MmuINT0024817	chr16	13687689	13688848	+	0.007641
Bgn	MmuINT0024839	chrX	70729102	70736117	+	0.003933
Bgn	MmuINT0024840	chrX	70736370	70736656	+	0.004541
Bgn	MmuINT0024841	chrX	70736770	70737286	+	0.009732
Bgn	MmuINT0024842	chrX	70737501	70738061	+	0.014492
Bgn	MmuINT0024843	chrX	70738173	70738301	+	0.00637
Bgn	MmuINT0024844	chrX	70738396	70738538	+	0.006771
Bgn	MmuINT0024845	chrX	70738678	70739937	+	0.004682
Bhlhb9	MmuINT0024850	chrX	1.32E+08	1.32E+08	+	0.016686
Bhlhe40	MmuINT0024851	chr6	1.09E+08	1.09E+08	+	0.006669
Bhlhe40	MmuINT0024852	chr6	1.09E+08	1.09E+08	+	0.010905
Bhlhe40	MmuINT0024853	chr6	1.09E+08	1.09E+08	+	0.010487
Bhlhe40	MmuINT0024854	chr6	1.09E+08	1.09E+08	+	0.038034
Bhlhe41	MmuINT0024855	chr6	1.46E+08	1.46E+08	-	0.036755
Bhlhe41	MmuINT0024856	chr6	1.46E+08	1.46E+08	-	0.00926
Bhlhe41	MmuINT0024857	chr6	1.46E+08	1.46E+08	-	0.084599
Bhlhe41	MmuINT0024858	chr6	1.46E+08	1.46E+08	-	0.093026
Bicc1	MmuINT0024874	chr10	70410682	70412686	-	0.040066
Bicc1	MmuINT0024875	chr10	70409750	70410519	-	0.026883
Bicc1	MmuINT0024876	chr10	70409426	70409552	-	0.034998



Bicc1	MmuINT0024877	chr10	70408130	70409292	-	0.046578
Bicc1	MmuINT0024878	chr10	70406284	70407972	-	0.024292
Bicc1	MmuINT0024879	chr10	70403788	70406117	-	0.046835
Bicc1	MmuINT0024880	chr10	70403389	70403747	-	0.042344
Bicc1	MmuINT0024881	chr10	70398737	70403233	-	0.02122
Bicc1	MmuINT0024882	chr10	70394994	70398579	-	0.045976
Bicc1	MmuINT0024883	chr10	70393439	70394832	-	0.019948
Bicc1	MmuINT0024886	chr10	70423963	70490645	-	0.065566
Bicc1	MmuINT0024889	chr10	70419965	70420408	-	0.029854
Bicc1	MmuINT0024890	chr10	70419124	70419769	-	0.028009
Bicc1	MmuINT0024891	chr10	70416275	70418871	-	0.034836
Bicc1	MmuINT0024892	chr10	70412874	70416142	-	0.107042
Bicd1	MmuINT0024895	chr6	1.49E+08	1.49E+08	+	0.056371
Bicd1	MmuINT0024896	chr6	1.49E+08	1.49E+08	+	0.05994
Bicd1	MmuINT0024897	chr6	1.49E+08	1.49E+08	+	0.054702
Bicd1	MmuINT0024898	chr6	1.49E+08	1.49E+08	+	0.066216
Bicd2	MmuINT0024902	chr13	49437011	49437114	+	0.997461
Bicd2	MmuINT0024903	chr13	49465011	49470585	+	0.00282
Bicd2	MmuINT0024904	chr13	49470739	49473258	+	0.084365
Bicd2	MmuINT0024905	chr13	49473721	49474376	+	0.002117
Bicd2	MmuINT0024906	chr13	49475403	49475939	+	0.001772
Bicd2	MmuINT0024907	chr13	49476092	49478411	+	0.004453
Bicd2	MmuINT0024908	chr13	49478623	49480339	+	0.029831
Bid	MmuINT0024911	chr6	1.21E+08	1.21E+08	-	0.054317
Bid	MmuINT0024912	chr6	1.21E+08	1.21E+08	-	0.096305
Bid	MmuINT0024913	chr6	1.21E+08	1.21E+08	-	0.06249
Bik	MmuINT0024914	chr15	83357367	83371724	+	0.173068
Bik	MmuINT0024915	chr15	83371873	83373494	+	0.047068
Bik	MmuINT0024916	chr15	83373594	83374009	+	0.015966
Bik	MmuINT0024917	chr15	83374128	83374562	+	0.021092
Bin1	MmuINT0024920	chr18	32537145	32565753	+	0.03593
Bin1	MmuINT0024921	chr18	32581615	32584473	+	0.042389
Bin1	MmuINT0024922	chr18	32584622	32585877	+	0.237159
Bin1	MmuINT0024926	chr18	32590512	32591324	+	0.94396
Bin1	MmuINT0024927	chr18	32591397	32591636	+	0.471456
Bin1	MmuINT0024928	chr18	32591748	32591977	+	0.024586
Bin1	MmuINT0024929	chr18	32592080	32594788	+	0.088742
Bin1	MmuINT0024930	chr18	32565835	32572074	+	0.052375
Bin1	MmuINT0024931	chr18	32572130	32572270	+	0.041873
Bin1	MmuINT0024932	chr18	32572366	32572748	+	0.039522
Bin1	MmuINT0024933	chr18	32572845	32573836	+	0.037338
Bin1	MmuINT0024936	chr18	32579583	32579722	+	0.05146
Bin1	MmuINT0024937	chr18	32579799	32581531	+	0.048257
Bin3	MmuINT0024938	chr14	70500004	70518410	+	0.025649
Bin3	MmuINT0024939	chr14	70518460	70523647	+	0.048049
Bin3	MmuINT0024940	chr14	70523689	70523989	+	0.065492
Bin3	MmuINT0024941	chr14	70524052	70528656	+	0.023234
Bin3	MmuINT0024942	chr14	70528794	70529324	+	0.027622
Bin3	MmuINT0024943	chr14	70529366	70534256	+	0.036946
Bin3	MmuINT0024944	chr14	70534399	70534542	+	0.0208

Bin3	MmuINT0024945	chr14	70534678	70536945	+	0.044626
Birc2	MmuINT0024946	chr9	7827010	7833504	-	0.008839
Birc2	MmuINT0024947	chr9	7825664	7826930	-	0.100703
Birc2	MmuINT0024948	chr9	7821220	7825614	-	0.100832
Birc2	MmuINT0024949	chr9	7819562	7820973	-	0.034548
Birc2	MmuINT0024950	chr9	7819063	7819306	-	0.038774
Birc2	MmuINT0024951	chr9	7818944	7819020	-	0.118428
Birc3	MmuINT0024952	chr9	7861408	7872822	-	0.061779
Birc3	MmuINT0024953	chr9	7860363	7860462	-	0.044847
Birc3	MmuINT0024957	chr9	7851172	7854366	-	0.153036
Birc3	MmuINT0024958	chr9	7849714	7850919	-	0.012245
Birc5	MmuINT0024962	chr11	1.18E+08	1.18E+08	+	0.136705
Birc6	MmuINT0024965	chr17	74989161	74992428	+	0.027126
Birc6	MmuINT0024966	chr17	74992590	74993703	+	0.100407
Birc6	MmuINT0024970	chr17	74997513	74998322	+	0.041751
Birc6	MmuINT0024971	chr17	74998485	74998576	+	0.029193
Birc6	MmuINT0024976	chr17	75003968	75005328	+	0.032326
Birc6	MmuINT0024979	chr17	75008729	75008976	+	0.024827
Birc6	MmuINT0024980	chr17	75009077	75010334	+	0.031631
Birc6	MmuINT0024981	chr17	75010550	75010687	+	0.025987
Birc6	MmuINT0024982	chr17	75010897	75011338	+	0.028404
Birc6	MmuINT0024983	chr17	75011686	75012716	+	0.032708
Birc6	MmuINT0024984	chr17	75012937	75013638	+	0.025341
Birc6	MmuINT0024986	chr17	75013773	75014559	+	0.036569
Birc6	MmuINT0024989	chr17	75019179	75021375	+	0.025662
Birc6	MmuINT0024990	chr17	75021592	75022248	+	0.026767
Birc6	MmuINT0024991	chr17	75022433	75023090	+	0.026727
Birc6	MmuINT0024993	chr17	75024580	75026301	+	0.027409
Birc6	MmuINT0024994	chr17	75026456	75028744	+	0.029345
Birc6	MmuINT0024995	chr17	75028862	75030299	+	0.020881
Birc6	MmuINT0024997	chr17	75030455	75030950	+	0.021314
Birc6	MmuINT0024999	chr17	75034247	75035102	+	0.030755
Birc6	MmuINT0025000	chr17	75035237	75037682	+	0.021651
Birc6	MmuINT0025002	chr17	75039683	75040972	+	0.017725
Birc6	MmuINT0025003	chr17	75041149	75041600	+	0.022171
Birc6	MmuINT0025004	chr17	75041698	75041831	+	0.021529
Birc6	MmuINT0025005	chr17	75042027	75042634	+	0.016947
Birc6	MmuINT0025006	chr17	75042836	75045808	+	0.025678
Birc6	MmuINT0025008	chr17	75046089	75046543	+	0.020746
Birc6	MmuINT0025009	chr17	75046801	75047056	+	0.02407
Birc6	MmuINT0025010	chr17	75047166	75047457	+	0.019228
Birc6	MmuINT0025011	chr17	75047680	75048962	+	0.012528
Birc6	MmuINT0025012	chr17	75049744	75051247	+	0.015159
Birc6	MmuINT0025013	chr17	75051392	75051956	+	0.015724
Birc6	MmuINT0025014	chr17	75052087	75053728	+	0.047098
Birc6	MmuINT0025015	chr17	75053861	75054511	+	0.011317
Birc6	MmuINT0025016	chr17	75054680	75057517	+	0.011352
Birc6	MmuINT0025017	chr17	75057692	75058498	+	0.008282
Birc6	MmuINT0025019	chr17	75058696	75059721	+	0.008404
Birc6	MmuINT0025020	chr17	75060023	75061940	+	0.006987

Birc6	MmuINT0025021	chr17	75062159	75068098	+	0.010113
Birc6	MmuINT0025022	chr17	75068264	75069553	+	0.010596
Birc6	MmuINT0025023	chr17	75069723	75076505	+	0.009575
Birc6	MmuINT0025024	chr17	75076720	75088557	+	0.014397
Birc6	MmuINT0025025	chr17	75088704	75089697	+	0.021383
Birc6	MmuINT0025026	chr17	75089809	75090341	+	0.016677
Birc6	MmuINT0025027	chr17	75090560	75091523	+	0.00919
Birc6	MmuINT0025028	chr17	75091686	75092787	+	0.008473
Birc6	MmuINT0025030	chr17	75092866	75095576	+	0.011758
Birc6	MmuINT0025031	chr17	75095766	75096724	+	0.013667
Birc6	MmuINT0025032	chr17	75096860	75101543	+	0.010979
Birc6	MmuINT0025033	chr17	74972972	74978504	+	0.041233
Bivm	MmuINT0025045	chr1	44186210	44186427	+	0.049644
Bivm	MmuINT0025047	chr1	44193962	44195417	+	0.041748
Bivm	MmuINT0025048	chr1	44195505	44198622	+	0.038982
Bivm	MmuINT0025049	chr1	44198720	44199693	+	0.041903
Blcap	MmuINT0025050	chr2	1.57E+08	1.57E+08	-	0.065586
Blk	MmuINT0025052	chr14	63994884	63997304	-	0.971873
Blk	MmuINT0025053	chr14	63993160	63994732	-	0.977746
Blk	MmuINT0025054	chr14	63992435	63993027	-	0.928555
Blk	MmuINT0025056	chr14	64003770	64005256	-	0.920885
Blk	MmuINT0025057	chr14	64002865	64003675	-	0.943584
Blk	MmuINT0025058	chr14	64001577	64002765	-	0.952147
Blk	MmuINT0025059	chr14	64000168	64001472	-	0.955705
Blk	MmuINT0025060	chr14	63999692	64000020	-	0.966353
Blk	MmuINT0025061	chr14	63998640	63999538	-	0.970558
Blk	MmuINT0025062	chr14	63997382	63998459	-	0.978317
Blmh	MmuINT0025085	chr11	76759396	76759743	+	0.006527
Blmh	MmuINT0025086	chr11	76782223	76785410	+	0.013065
Blmh	MmuINT0025087	chr11	76785481	76799977	+	0.011754
Blmh	MmuINT0025088	chr11	76759942	76763461	+	0.007853
Blmh	MmuINT0025089	chr11	76763572	76764545	+	0.006118
Blmh	MmuINT0025090	chr11	76764688	76766002	+	0.00514
Blmh	MmuINT0025091	chr11	76766092	76768011	+	0.006794
Blmh	MmuINT0025092	chr11	76768105	76779316	+	0.009366
Blmh	MmuINT0025093	chr11	76779473	76780233	+	0.00959
Blmh	MmuINT0025094	chr11	76780393	76780495	+	0.015128
Blmh	MmuINT0025095	chr11	76780564	76782104	+	0.025153
Blnk	MmuINT0025100	chr19	41012218	41013856	-	0.142143
Blnk	MmuINT0025102	chr19	41009073	41010762	-	0.064573
Blnk	MmuINT0025103	chr19	41003783	41008916	-	0.057868
Bloc1s1	MmuINT0025112	chr10	1.28E+08	1.28E+08	-	0.011419
Bloc1s3	MmuINT0025119	chr7	20092960	20093653	-	0.093284
Blvra	MmuINT0025120	chr2	1.27E+08	1.27E+08	+	0.023218
Blvra	MmuINT0025121	chr2	1.27E+08	1.27E+08	+	0.010739
Blvra	MmuINT0025122	chr2	1.27E+08	1.27E+08	+	0.008472
Blvra	MmuINT0025123	chr2	1.27E+08	1.27E+08	+	0.006376
Blvra	MmuINT0025124	chr2	1.27E+08	1.27E+08	+	0.029489
Blvra	MmuINT0025125	chr2	1.27E+08	1.27E+08	+	0.011213
Blvra	MmuINT0025126	chr2	1.27E+08	1.27E+08	+	0.006978

Blvrb	MmuINT0025127	chr7	28233216	28244274	+	0.008241
Blvrb	MmuINT0025128	chr7	28244440	28244581	+	0.018172
Blvrb	MmuINT0025129	chr7	28244672	28247585	+	0.023404
Blvrb	MmuINT0025130	chr7	28247715	28250738	+	0.008207
Blzf1	MmuINT0025132	chr1	1.66E+08	1.66E+08	-	0.946388
Blzf1	MmuINT0025133	chr1	1.66E+08	1.66E+08	-	0.01188
Blzf1	MmuINT0025135	chr1	1.66E+08	1.66E+08	-	0.35538
Blzf1	MmuINT0025136	chr1	1.66E+08	1.66E+08	-	0.006329
Blzf1	MmuINT0025137	chr1	1.66E+08	1.66E+08	-	0.013791
Blzf1	MmuINT0025138	chr1	1.66E+08	1.66E+08	-	0.023734
Blzf1	MmuINT0025139	chr1	1.66E+08	1.66E+08	-	0.01015
Bmf	MmuINT0025142	chr2	1.18E+08	1.18E+08	-	0.048827
Bmi1	MmuINT0025144	chr2	18599097	18603419	+	0.014701
Bmi1	MmuINT0025146	chr2	18603947	18604465	+	0.012083
Bmi1	MmuINT0025149	chr2	18604911	18604995	+	0.012294
Bmi1	MmuINT0025150	chr2	18605036	18605291	+	0.023598
Bmp1	MmuINT0025153	chr14	70911502	70919675	-	0.012396
Bmp1	MmuINT0025154	chr14	70892358	70892585	-	0.009209
Bmp1	MmuINT0025155	chr14	70892079	70892211	-	0.022432
Bmp1	MmuINT0025156	chr14	70891284	70891882	-	0.006
Bmp1	MmuINT0025157	chr14	70890515	70891157	-	0.008029
Bmp1	MmuINT0025158	chr14	70890008	70890353	-	0.011865
Bmp1	MmuINT0025159	chr14	70886738	70889826	-	0.060343
Bmp1	MmuINT0025160	chr14	70879566	70879960	-	0.01516
Bmp1	MmuINT0025161	chr14	70877911	70879351	-	0.022323
Bmp1	MmuINT0025162	chr14	70875057	70877659	-	0.009875
Bmp1	MmuINT0025163	chr14	70908722	70911387	-	0.008588
Bmp1	MmuINT0025164	chr14	70908381	70908556	-	0.010606
Bmp1	MmuINT0025166	chr14	70905264	70907259	-	0.012209
Bmp1	MmuINT0025167	chr14	70904605	70905138	-	0.008128
Bmp1	MmuINT0025168	chr14	70894623	70904488	-	0.011739
Bmp1	MmuINT0025169	chr14	70892703	70894519	-	0.012274
Bmp2k	MmuINT0025180	chr5	97503763	97515761	+	0.167476
Bmp2k	MmuINT0025181	chr5	97456969	97460155	+	0.06651
Bmp2k	MmuINT0025182	chr5	97460262	97465914	+	0.069149
Bmp2k	MmuINT0025184	chr5	97467562	97469691	+	0.053061
Bmp4	MmuINT0025192	chr14	47005770	47006830	-	0.194046
Bmp4	MmuINT0025193	chr14	47004388	47005389	-	0.046403
Bmp6	MmuINT0025201	chr13	38561676	38576759	+	0.016614
Bmp6	MmuINT0025202	chr13	38576909	38577607	+	0.020174
Bmp6	MmuINT0025203	chr13	38577806	38589163	+	0.024168
Bmp6	MmuINT0025204	chr13	38589241	38590585	+	0.028727
Bmp6	MmuINT0025205	chr13	38590697	38590787	+	0.016126
Bmper	MmuINT0025227	chr9	23204124	23210938	+	0.061636
Bmpr1a	MmuINT0025239	chr14	35229069	35235745	-	0.005354
Bmpr1a	MmuINT0025240	chr14	35228077	35228892	-	0.004906
Bmpr1a	MmuINT0025241	chr14	35227856	35227945	-	0.004733
Bmpr1a	MmuINT0025242	chr14	35261165	35273684	-	0.006174
Bmpr1a	MmuINT0025243	chr14	35257168	35260957	-	0.004669
Bmpr1a	MmuINT0025244	chr14	35254388	35257004	-	0.004715

Bmpr1a	MmuINT0025245	chr14	35247921	35254284	-	0.006503
Bmpr1a	MmuINT0025246	chr14	35247665	35247823	-	0.009199
Bmpr1a	MmuINT0025247	chr14	35242987	35247564	-	0.006235
Bmpr1a	MmuINT0025248	chr14	35238325	35242841	-	0.004617
Bmpr1a	MmuINT0025249	chr14	35236044	35238131	-	0.004898
Bmpr2	MmuINT0025260	chr1	59821573	59870431	+	0.018373
Bmpr2	MmuINT0025261	chr1	59916154	59920624	+	0.012712
Bmpr2	MmuINT0025262	chr1	59920798	59924179	+	0.009959
Bmpr2	MmuINT0025263	chr1	59925460	59927078	+	0.017978
Bmpr2	MmuINT0025264	chr1	59870603	59872084	+	0.016555
Bmpr2	MmuINT0025265	chr1	59872256	59898274	+	0.012638
Bmpr2	MmuINT0025266	chr1	59898386	59899586	+	0.019436
Bmpr2	MmuINT0025267	chr1	59899679	59902321	+	0.019691
Bmpr2	MmuINT0025268	chr1	59902553	59903901	+	0.012057
Bmpr2	MmuINT0025270	chr1	59908183	59909137	+	0.009537
Bmpr2	MmuINT0025271	chr1	59909286	59916016	+	0.011514
Bms1	MmuINT0025272	chr6	1.18E+08	1.18E+08	-	0.012545
Bms1	MmuINT0025273	chr6	1.18E+08	1.18E+08	-	0.015814
Bms1	MmuINT0025274	chr6	1.18E+08	1.18E+08	-	0.010887
Bms1	MmuINT0025275	chr6	1.18E+08	1.18E+08	-	0.028888
Bms1	MmuINT0025276	chr6	1.18E+08	1.18E+08	-	0.012827
Bms1	MmuINT0025277	chr6	1.18E+08	1.18E+08	-	0.007422
Bms1	MmuINT0025278	chr6	1.18E+08	1.18E+08	-	0.010976
Bms1	MmuINT0025279	chr6	1.18E+08	1.18E+08	-	0.135064
Bms1	MmuINT0025280	chr6	1.18E+08	1.18E+08	-	0.01723
Bms1	MmuINT0025281	chr6	1.18E+08	1.18E+08	-	0.032998
Bms1	MmuINT0025282	chr6	1.18E+08	1.18E+08	-	0.030578
Bms1	MmuINT0025283	chr6	1.18E+08	1.18E+08	-	0.020191
Bms1	MmuINT0025284	chr6	1.18E+08	1.18E+08	-	0.02103
Bms1	MmuINT0025285	chr6	1.18E+08	1.18E+08	-	0.013129
Bms1	MmuINT0025286	chr6	1.18E+08	1.18E+08	-	0.01134
Bms1	MmuINT0025287	chr6	1.18E+08	1.18E+08	-	0.051819
Bms1	MmuINT0025288	chr6	1.18E+08	1.18E+08	-	0.021384
Bms1	MmuINT0025289	chr6	1.18E+08	1.18E+08	-	0.011974
Bms1	MmuINT0025290	chr6	1.18E+08	1.18E+08	-	0.01543
Bms1	MmuINT0025291	chr6	1.18E+08	1.18E+08	-	0.013092
Bms1	MmuINT0025292	chr6	1.18E+08	1.18E+08	-	0.011399
Bms1	MmuINT0025293	chr6	1.18E+08	1.18E+08	-	0.010043
Bnip1	MmuINT0025321	chr17	26918122	26920389	+	0.017698
Bnip1	MmuINT0025322	chr17	26920483	26923641	+	0.037023
Bnip1	MmuINT0025323	chr17	26923734	26926639	+	0.01521
Bnip1	MmuINT0025324	chr17	26926742	26927870	+	0.056109
Bnip1	MmuINT0025325	chr17	26927990	26928885	+	0.011647
Bnip2	MmuINT0025327	chr9	69843993	69844887	+	0.002329
Bnip2	MmuINT0025328	chr9	69845065	69846900	+	0.004772
Bnip2	MmuINT0025329	chr9	69847078	69848649	+	0.001884
Bnip2	MmuINT0025330	chr9	69848753	69849786	+	0.002088
Bnip2	MmuINT0025331	chr9	69849919	69851185	+	0.044725
Bnip2	MmuINT0025332	chr9	69851273	69851375	+	0.001943
Bnip2	MmuINT0025333	chr9	69851475	69854870	+	0.326288

Bnip2	MmuINT0025334	chr9	69837497	69843227	+	0.002583
Boc	MmuINT0025366	chr16	44487016	44487462	-	0.103087
Boc	MmuINT0025367	chr16	44485913	44486824	-	0.097474
Bod1	MmuINT0025376	chr11	31569369	31571500	-	0.004867
Bod1l	MmuINT0025380	chr5	42205435	42207446	-	0.371996
Bod1l	MmuINT0025381	chr5	42204446	42205369	-	0.023435
Bod1l	MmuINT0025382	chr5	42201338	42204360	-	0.023718
Bod1l	MmuINT0025383	chr5	42200004	42201293	-	0.048731
Bod1l	MmuINT0025384	chr5	42198482	42199942	-	0.028629
Bod1l	MmuINT0025385	chr5	42198001	42198410	-	0.021126
Bod1l	MmuINT0025386	chr5	42196471	42197927	-	0.020768
Bod1l	MmuINT0025387	chr5	42192480	42196390	-	0.016343
Bod1l	MmuINT0025388	chr5	42192076	42192400	-	0.026104
Bod1l	MmuINT0025389	chr5	42191205	42191998	-	0.031234
Bod1l	MmuINT0025391	chr5	42191046	42191128	-	0.036176
Bod1l	MmuINT0025392	chr5	42189323	42191010	-	0.038774
Bod1l	MmuINT0025393	chr5	42186359	42189276	-	0.05939
Bod1l	MmuINT0025394	chr5	42186203	42186308	-	0.027796
Bod1l	MmuINT0025395	chr5	42185620	42186120	-	0.024302
Bod1l	MmuINT0025397	chr5	42180189	42183035	-	0.228311
Bod1l	MmuINT0025400	chr5	42220159	42222683	-	0.029618
Bod1l	MmuINT0025402	chr5	42217841	42218347	-	0.02867
Bok	MmuINT0025405	chr1	95582432	95582994	+	0.078478
Bok	MmuINT0025406	chr1	95583247	95585733	+	0.071404
Bok	MmuINT0025407	chr1	95585863	95590636	+	0.117718
Bok	MmuINT0025408	chr1	95590801	95591613	+	0.053769
Bola1	MmuINT0025409	chr3	96001203	96001472	-	0.073546
Bola2	MmuINT0025410	chr7	1.34E+08	1.34E+08	+	0.00554
Bola2	MmuINT0025411	chr7	1.34E+08	1.34E+08	+	0.028186
Bola3	MmuINT0025412	chr6	83299549	83301259	+	0.004403
Bola3	MmuINT0025413	chr6	83301384	83303035	+	0.000103
Bola3	MmuINT0025414	chr6	83303125	83308140	+	0.000125
Bop1	MmuINT0025425	chr15	76305352	76307558	-	0.013469
Bop1	MmuINT0025426	chr15	76285015	76285103	-	0.013554
Bop1	MmuINT0025427	chr15	76284789	76284881	-	0.009557
Bop1	MmuINT0025428	chr15	76284536	76284607	-	0.033701
Bop1	MmuINT0025429	chr15	76284159	76284246	-	0.024872
Bop1	MmuINT0025430	chr15	76284001	76284073	-	0.009328
Bop1	MmuINT0025431	chr15	76283809	76283892	-	0.009429
Bop1	MmuINT0025432	chr15	76297283	76305177	-	0.015306
Bop1	MmuINT0025433	chr15	76286457	76297201	-	0.046526
Bop1	MmuINT0025434	chr15	76286230	76286301	-	0.014362
Bop1	MmuINT0025435	chr15	76286028	76286111	-	0.013254
Bop1	MmuINT0025436	chr15	76285851	76285925	-	0.016109
Bop1	MmuINT0025437	chr15	76285562	76285637	-	0.017675
Bop1	MmuINT0025438	chr15	76285329	76285399	-	0.038418
Bop1	MmuINT0025439	chr15	76285174	76285247	-	0.017207
Bpgm	MmuINT0025440	chr6	34426423	34437289	+	0.005574
Bpgm	MmuINT0025441	chr6	34437951	34454270	+	0.013003
Bphl	MmuINT0025442	chr13	34129639	34136292	+	0.008534

Bphl	MmuINT0025443	chr13	34136397	34138654	+	0.003523
Bphl	MmuINT0025444	chr13	34138822	34142149	+	0.009474
Bphl	MmuINT0025445	chr13	34142304	34152302	+	0.00399
Bphl	MmuINT0025446	chr13	34152435	34155778	+	0.005084
Bphl	MmuINT0025447	chr13	34155903	34165544	+	0.014263
Bpnt1	MmuINT0025508	chr1	1.87E+08	1.87E+08	+	0.020808
Bpnt1	MmuINT0025509	chr1	1.87E+08	1.87E+08	+	0.011682
Bpnt1	MmuINT0025510	chr1	1.87E+08	1.87E+08	+	0.014735
Bpnt1	MmuINT0025511	chr1	1.87E+08	1.87E+08	+	0.022387
Bpnt1	MmuINT0025512	chr1	1.87E+08	1.87E+08	+	0.02009
Bpnt1	MmuINT0025513	chr1	1.87E+08	1.87E+08	+	0.174155
Bpnt1	MmuINT0025514	chr1	1.87E+08	1.87E+08	+	0.009493
Bpnt1	MmuINT0025515	chr1	1.87E+08	1.87E+08	+	0.017377
Bptf	MmuINT0025516	chr11	1.07E+08	1.07E+08	-	0.058074
Bptf	MmuINT0025517	chr11	1.07E+08	1.07E+08	-	0.039522
Bptf	MmuINT0025518	chr11	1.07E+08	1.07E+08	-	0.017819
Bptf	MmuINT0025519	chr11	1.07E+08	1.07E+08	-	0.019742
Bptf	MmuINT0025520	chr11	1.07E+08	1.07E+08	-	0.021999
Bptf	MmuINT0025521	chr11	1.07E+08	1.07E+08	-	0.023481
Bptf	MmuINT0025522	chr11	1.07E+08	1.07E+08	-	0.021017
Bptf	MmuINT0025523	chr11	1.07E+08	1.07E+08	-	0.012065
Bptf	MmuINT0025524	chr11	1.07E+08	1.07E+08	-	0.015563
Bptf	MmuINT0025525	chr11	1.07E+08	1.07E+08	-	0.018772
Bptf	MmuINT0025526	chr11	1.07E+08	1.07E+08	-	0.011456
Bptf	MmuINT0025527	chr11	1.07E+08	1.07E+08	-	0.016902
Bptf	MmuINT0025529	chr11	1.07E+08	1.07E+08	-	0.037106
Bptf	MmuINT0025530	chr11	1.07E+08	1.07E+08	-	0.01361
Bptf	MmuINT0025531	chr11	1.07E+08	1.07E+08	-	0.013498
Bptf	MmuINT0025532	chr11	1.07E+08	1.07E+08	-	0.088563
Bptf	MmuINT0025533	chr11	1.07E+08	1.07E+08	-	0.049551
Bptf	MmuINT0025534	chr11	1.07E+08	1.07E+08	-	0.036262
Bptf	MmuINT0025535	chr11	1.07E+08	1.07E+08	-	0.168966
Bptf	MmuINT0025536	chr11	1.07E+08	1.07E+08	-	0.012592
Bptf	MmuINT0025538	chr11	1.07E+08	1.07E+08	-	0.017755
Bptf	MmuINT0025539	chr11	1.07E+08	1.07E+08	-	0.018424
Bptf	MmuINT0025540	chr11	1.07E+08	1.07E+08	-	0.038399
Bptf	MmuINT0025541	chr11	1.07E+08	1.07E+08	-	0.03436
Bptf	MmuINT0025542	chr11	1.07E+08	1.07E+08	-	0.019836
Braf	MmuINT0025543	chr6	39638345	39675105	-	0.054044
Braf	MmuINT0025545	chr6	39596844	39598448	-	0.087364
Braf	MmuINT0025546	chr6	39594380	39596723	-	0.055812
Braf	MmuINT0025547	chr6	39593217	39594236	-	0.027798
Braf	MmuINT0025548	chr6	39590535	39593098	-	0.029501
Braf	MmuINT0025549	chr6	39589766	39590449	-	0.036476
Braf	MmuINT0025550	chr6	39578655	39589588	-	0.036485
Braf	MmuINT0025551	chr6	39577840	39578607	-	0.046547
Braf	MmuINT0025552	chr6	39573710	39577720	-	0.019671
Braf	MmuINT0025553	chr6	39565795	39573577	-	0.032417
Braf	MmuINT0025554	chr6	39627641	39638242	-	0.038125
Braf	MmuINT0025555	chr6	39564285	39565659	-	0.042509

Braf	MmuINT0025556	chr6	39560404	39564130	-	0.353556
Braf	MmuINT0025557	chr6	39627472	39627570	-	0.632876
Braf	MmuINT0025558	chr6	39616349	39627376	-	0.023644
Braf	MmuINT0025559	chr6	39615106	39616244	-	0.054958
Braf	MmuINT0025560	chr6	39612152	39615002	-	0.052164
Braf	MmuINT0025561	chr6	39610989	39612002	-	0.029272
Braf	MmuINT0025562	chr6	39601764	39610871	-	0.020076
Brap	MmuINT0025564	chr5	1.22E+08	1.22E+08	+	0.013017
Brap	MmuINT0025565	chr5	1.22E+08	1.22E+08	+	0.012343
Brap	MmuINT0025566	chr5	1.22E+08	1.22E+08	+	0.014124
Brap	MmuINT0025567	chr5	1.22E+08	1.22E+08	+	0.020946
Brap	MmuINT0025568	chr5	1.22E+08	1.22E+08	+	0.023678
Brap	MmuINT0025569	chr5	1.22E+08	1.22E+08	+	0.25417
Brap	MmuINT0025570	chr5	1.22E+08	1.22E+08	+	0.01685
Brap	MmuINT0025571	chr5	1.22E+08	1.22E+08	+	0.021673
Brap	MmuINT0025572	chr5	1.22E+08	1.22E+08	+	0.0187
Brap	MmuINT0025573	chr5	1.22E+08	1.22E+08	+	0.017176
Brap	MmuINT0025574	chr5	1.22E+08	1.22E+08	+	0.02102
Brcc3	MmuINT0025624	chrX	72662181	72662915	+	0.005235
Brcc3	MmuINT0025625	chrX	72695485	72700894	+	0.262507
Brcc3	MmuINT0025626	chrX	72662933	72663749	+	0.013995
Brcc3	MmuINT0025627	chrX	72663805	72668117	+	0.0074
Brcc3	MmuINT0025628	chrX	72668238	72680803	+	0.007493
Brcc3	MmuINT0025629	chrX	72680892	72681444	+	0.00796
Brcc3	MmuINT0025630	chrX	72681534	72683274	+	0.008995
Brcc3	MmuINT0025631	chrX	72683331	72692494	+	0.007511
Brcc3	MmuINT0025632	chrX	72692627	72693141	+	0.005116
Brd1	MmuINT0025634	chr15	88520402	88521637	-	0.009675
Brd1	MmuINT0025635	chr15	88520094	88520291	-	0.010615
Brd1	MmuINT0025636	chr15	88518911	88519938	-	0.00942
Brd1	MmuINT0025637	chr15	88547493	88559753	-	0.01415
Brd1	MmuINT0025638	chr15	88544448	88547335	-	0.010538
Brd1	MmuINT0025639	chr15	88543857	88544315	-	0.009877
Brd1	MmuINT0025640	chr15	88543359	88543727	-	0.013178
Brd1	MmuINT0025641	chr15	88537725	88543045	-	0.008176
Brd1	MmuINT0025642	chr15	88531701	88537463	-	0.330512
Brd1	MmuINT0025643	chr15	88522315	88531202	-	0.017665
Brd1	MmuINT0025644	chr15	88521766	88522178	-	0.012703
Brd2	MmuINT0025649	chr17	34250427	34250514	-	0.014347
Brd2	MmuINT0025650	chr17	34249924	34250121	-	0.072149
Brd2	MmuINT0025651	chr17	34249654	34249800	-	0.042661
Brd2	MmuINT0025652	chr17	34254157	34255550	-	0.023915
Brd2	MmuINT0025654	chr17	34252752	34253142	-	0.009655
Brd2	MmuINT0025655	chr17	34252522	34252612	-	0.018707
Brd2	MmuINT0025656	chr17	34252210	34252306	-	0.019733
Brd2	MmuINT0025657	chr17	34251424	34251834	-	0.050674
Brd2	MmuINT0025658	chr17	34251123	34251294	-	0.023837
Brd2	MmuINT0025659	chr17	34250778	34250876	-	0.018303
Brd3	MmuINT0025661	chr2	27319714	27331096	-	0.044027
Brd3	MmuINT0025662	chr2	27306070	27308352	-	0.008771



Brd3	MmuINT0025663	chr2	27304847	27305776	-	0.029745
Brd3	MmuINT0025664	chr2	27304101	27304720	-	0.007142
Brd3	MmuINT0025665	chr2	27319113	27319408	-	0.011866
Brd3	MmuINT0025666	chr2	27318089	27318974	-	0.015109
Brd3	MmuINT0025667	chr2	27317264	27317940	-	0.015667
Brd3	MmuINT0025668	chr2	27315349	27317048	-	0.009589
Brd3	MmuINT0025669	chr2	27312558	27314976	-	0.052199
Brd3	MmuINT0025670	chr2	27310025	27312428	-	0.023344
Brd4	MmuINT0025675	chr17	32339492	32339612	-	0.025296
Brd4	MmuINT0025676	chr17	32338538	32339118	-	0.014682
Brd4	MmuINT0025677	chr17	32336216	32337946	-	0.021383
Brd4	MmuINT0025678	chr17	32335759	32335840	-	0.027454
Brd4	MmuINT0025679	chr17	32335508	32335627	-	0.011554
Brd4	MmuINT0025680	chr17	32335220	32335301	-	0.05385
Brd4	MmuINT0025681	chr17	32334766	32334975	-	0.039207
Brd4	MmuINT0025683	chr17	32350080	32350471	-	0.010692
Brd4	MmuINT0025684	chr17	32348223	32349783	-	0.015471
Brd4	MmuINT0025685	chr17	32343939	32348111	-	0.184634
Brd4	MmuINT0025687	chr17	32362659	32366361	-	0.014003
Brd4	MmuINT0025688	chr17	32361168	32362520	-	0.034141
Brd4	MmuINT0025689	chr17	32359111	32361031	-	0.00921
Brd4	MmuINT0025690	chr17	32358454	32358817	-	0.010578
Brd4	MmuINT0025691	chr17	32357235	32358090	-	0.007621
Brd4	MmuINT0025692	chr17	32351786	32357105	-	0.008168
Brd4	MmuINT0025693	chr17	32350672	32351575	-	0.01493
Brd7	MmuINT0025694	chr8	90885610	90885804	-	0.042217
Brd7	MmuINT0025695	chr8	90866770	90867480	-	0.003366
Brd7	MmuINT0025696	chr8	90863420	90866633	-	0.006121
Brd7	MmuINT0025697	chr8	90861037	90863307	-	0.01001
Brd7	MmuINT0025698	chr8	90858116	90860979	-	0.024281
Brd7	MmuINT0025699	chr8	90857781	90858003	-	0.003044
Brd7	MmuINT0025700	chr8	90856924	90857636	-	0.002379
Brd7	MmuINT0025701	chr8	90856443	90856779	-	0.031041
Brd7	MmuINT0025702	chr8	90881929	90885400	-	0.022019
Brd7	MmuINT0025703	chr8	90881494	90881798	-	0.004706
Brd7	MmuINT0025704	chr8	90878673	90881435	-	0.003691
Brd7	MmuINT0025705	chr8	90875810	90878527	-	0.002382
Brd7	MmuINT0025707	chr8	90869853	90870772	-	0.0016
Brd7	MmuINT0025708	chr8	90869124	90869728	-	0.002101
Brd7	MmuINT0025709	chr8	90867589	90869047	-	0.002696
Brd8	MmuINT0025710	chr18	34783206	34784191	-	0.036772
Brd8	MmuINT0025711	chr18	34768282	34769458	-	0.225183
Brd8	MmuINT0025712	chr18	34767710	34768071	-	0.030107
Brd8	MmuINT0025713	chr18	34767146	34767428	-	0.009575
Brd8	MmuINT0025714	chr18	34766423	34766692	-	0.050273
Brd8	MmuINT0025715	chr18	34766121	34766328	-	0.023435
Brd8	MmuINT0025716	chr18	34765343	34766073	-	0.01804
Brd8	MmuINT0025717	chr18	34764578	34765127	-	0.010288
Brd8	MmuINT0025718	chr18	34764321	34764484	-	0.014175
Brd8	MmuINT0025720	chr18	34762431	34763360	-	0.010477

Brd8	MmuINT0025721	chr18	34776389	34783108	-	0.02001
Brd8	MmuINT0025722	chr18	34761902	34762325	-	0.024176
Brd8	MmuINT0025723	chr18	34759896	34761856	-	0.213227
Brd8	MmuINT0025724	chr18	34774452	34776318	-	0.015386
Brd8	MmuINT0025725	chr18	34774225	34774401	-	0.014054
Brd8	MmuINT0025726	chr18	34772951	34774101	-	0.011283
Brd8	MmuINT0025727	chr18	34772756	34772869	-	0.018996
Brd8	MmuINT0025728	chr18	34770923	34772690	-	0.031765
Brd8	MmuINT0025729	chr18	34770283	34770785	-	0.017561
Brd8	MmuINT0025730	chr18	34769604	34770063	-	0.021763
Brd9	MmuINT0025731	chr13	74075394	74075881	+	0.010174
Brd9	MmuINT0025732	chr13	74085221	74087522	+	0.009185
Brd9	MmuINT0025733	chr13	74087656	74088981	+	0.064589
Brd9	MmuINT0025734	chr13	74089094	74091992	+	0.013823
Brd9	MmuINT0025735	chr13	74092032	74092869	+	0.015504
Brd9	MmuINT0025736	chr13	74092973	74095160	+	0.009138
Brd9	MmuINT0025737	chr13	74095329	74097685	+	0.008205
Brd9	MmuINT0025738	chr13	74076097	74076312	+	0.014162
Brd9	MmuINT0025739	chr13	74076446	74077684	+	0.247096
Brd9	MmuINT0025740	chr13	74077746	74078093	+	0.221815
Brd9	MmuINT0025741	chr13	74078239	74079391	+	0.010667
Brd9	MmuINT0025742	chr13	74079503	74080138	+	0.29077
Brd9	MmuINT0025743	chr13	74080255	74082173	+	0.088911
Brd9	MmuINT0025744	chr13	74082307	74083531	+	0.032793
Brd9	MmuINT0025745	chr13	74083608	74085124	+	0.010563
Bre	MmuINT0025763	chr5	32309691	32359883	+	0.004769
Bre	MmuINT0025764	chr5	32360038	32386953	+	0.00451
Bre	MmuINT0025765	chr5	32004351	32033339	+	0.011337
Bre	MmuINT0025766	chr5	32033417	32087950	+	0.009436
Bre	MmuINT0025767	chr5	32088046	32122850	+	0.008242
Bre	MmuINT0025768	chr5	32123046	32133457	+	0.010364
Bre	MmuINT0025769	chr5	32133533	32203427	+	0.007159
Bre	MmuINT0025770	chr5	32203538	32303733	+	0.004673
Bre	MmuINT0025771	chr5	32303834	32307082	+	0.006586
Bre	MmuINT0025772	chr5	32307154	32309607	+	0.007144
Brf1	MmuINT0025778	chr12	1.14E+08	1.14E+08	-	0.017926
Brf1	MmuINT0025779	chr12	1.14E+08	1.14E+08	-	0.090656
Brf1	MmuINT0025780	chr12	1.14E+08	1.14E+08	-	0.014012
Brf1	MmuINT0025781	chr12	1.14E+08	1.14E+08	-	0.01018
Brf1	MmuINT0025782	chr12	1.14E+08	1.14E+08	-	0.00904
Brf1	MmuINT0025783	chr12	1.14E+08	1.14E+08	-	0.014387
Brf1	MmuINT0025784	chr12	1.14E+08	1.14E+08	-	0.008816
Brf1	MmuINT0025785	chr12	1.14E+08	1.14E+08	-	0.010899
Brf1	MmuINT0025786	chr12	1.14E+08	1.14E+08	-	0.008646
Brf1	MmuINT0025787	chr12	1.14E+08	1.14E+08	-	0.012992
Brf1	MmuINT0025788	chr12	1.14E+08	1.14E+08	-	0.154455
Brf1	MmuINT0025789	chr12	1.14E+08	1.14E+08	-	0.038269
Brf1	MmuINT0025790	chr12	1.14E+08	1.14E+08	-	0.021361
Brf1	MmuINT0025791	chr12	1.14E+08	1.14E+08	-	0.012757
Brf1	MmuINT0025792	chr12	1.14E+08	1.14E+08	-	0.010341

Brf1	MmuINT0025793	chr12	1.14E+08	1.14E+08	-	0.016615
Brf1	MmuINT0025794	chr12	1.14E+08	1.14E+08	-	0.013608
Brf2	MmuINT0025795	chr8	28237992	28238892	-	0.055735
Brf2	MmuINT0025796	chr8	28236614	28237931	-	0.034985
Brf2	MmuINT0025797	chr8	28235093	28236291	-	0.052372
Bri3	MmuINT0025798	chr5	1.45E+08	1.45E+08	+	0.943878
Bri3	MmuINT0025799	chr5	1.45E+08	1.45E+08	+	0.006208
Bri3bp	MmuINT0025801	chr5	1.26E+08	1.26E+08	+	0.021596
Bri3bp	MmuINT0025802	chr5	1.26E+08	1.26E+08	+	0.015226
Brix1	MmuINT0025822	chr15	10413162	10415489	-	0.010102
Brix1	MmuINT0025823	chr15	10411515	10413049	-	0.027066
Brix1	MmuINT0025824	chr15	10409407	10411470	-	0.020583
Brix1	MmuINT0025825	chr15	10409054	10409335	-	0.01702
Brix1	MmuINT0025826	chr15	10408902	10409003	-	0.017266
Brix1	MmuINT0025827	chr15	10408699	10408827	-	0.028889
Brix1	MmuINT0025828	chr15	10408526	10408647	-	0.016265
Brix1	MmuINT0025829	chr15	10406691	10408423	-	0.013989
Brix1	MmuINT0025830	chr15	10406352	10406561	-	0.007901
Brms1	MmuINT0025831	chr19	5041491	5045892	+	0.0461
Brms1	MmuINT0025832	chr19	5046039	5046135	+	0.013479
Brms1	MmuINT0025833	chr19	5046227	5046393	+	0.012025
Brms1	MmuINT0025834	chr19	5046522	5046649	+	0.01589
Brms1	MmuINT0025835	chr19	5046730	5046814	+	0.019059
Brms1	MmuINT0025836	chr19	5046912	5047391	+	0.031842
Brms1	MmuINT0025837	chr19	5047485	5048508	+	0.044301
Brms1	MmuINT0025838	chr19	5048574	5048992	+	0.055162
Brms1	MmuINT0025839	chr19	5049033	5049406	+	0.137398
Brms1l	MmuINT0025840	chr12	56937633	56942557	+	0.02282
Brms1l	MmuINT0025841	chr12	56942649	56945382	+	0.010724
Brms1l	MmuINT0025842	chr12	56945511	56946270	+	0.012941
Brms1l	MmuINT0025843	chr12	56946351	56961077	+	0.019612
Brms1l	MmuINT0025844	chr12	56961175	56962074	+	0.013446
Brms1l	MmuINT0025845	chr12	56962159	56962376	+	0.016268
Brms1l	MmuINT0025846	chr12	56962442	56964120	+	0.021975
Brms1l	MmuINT0025847	chr12	56964161	56966937	+	0.04971
Brms1l	MmuINT0025848	chr12	56967065	56969148	+	0.089764
Brp16	MmuINT0025849	chr15	76200000	76200081	+	0.076513
Brp16	MmuINT0025851	chr15	76200385	76200591	+	0.162489
Brp16	MmuINT0025852	chr15	76200684	76200761	+	0.03307
Brp16	MmuINT0025853	chr15	76200885	76200961	+	0.031381
Brp44	MmuINT0025854	chr1	1.67E+08	1.67E+08	+	0.00079
Brp44	MmuINT0025855	chr1	1.67E+08	1.67E+08	+	0.003988
Brp44	MmuINT0025856	chr1	1.67E+08	1.67E+08	+	0.000578
Brp44	MmuINT0025857	chr1	1.67E+08	1.67E+08	+	0.000378
Brpf1	MmuINT0025861	chr6	1.13E+08	1.13E+08	+	0.706845
Brpf1	MmuINT0025862	chr6	1.13E+08	1.13E+08	+	0.130709
Brpf1	MmuINT0025863	chr6	1.13E+08	1.13E+08	+	0.040997
Brpf1	MmuINT0025864	chr6	1.13E+08	1.13E+08	+	0.020299
Brpf1	MmuINT0025865	chr6	1.13E+08	1.13E+08	+	0.017229
Brpf1	MmuINT0025866	chr6	1.13E+08	1.13E+08	+	0.026992

Brpf1	MmuINT0025867	chr6	1.13E+08	1.13E+08	+	0.052069
Brpf1	MmuINT0025868	chr6	1.13E+08	1.13E+08	+	0.06865
Brpf1	MmuINT0025869	chr6	1.13E+08	1.13E+08	+	0.182548
Brpf1	MmuINT0025870	chr6	1.13E+08	1.13E+08	+	0.091246
Brpf1	MmuINT0025871	chr6	1.13E+08	1.13E+08	+	0.041912
Brpf1	MmuINT0025872	chr6	1.13E+08	1.13E+08	+	0.017398
Brpf3	MmuINT0025874	chr17	28965387	28968258	+	0.292332
Brpf3	MmuINT0025875	chr17	28968357	28972706	+	0.039542
Brpf3	MmuINT0025876	chr17	28972862	28973454	+	0.074039
Brpf3	MmuINT0025877	chr17	28944345	28947457	+	0.034068
Brpf3	MmuINT0025878	chr17	28947615	28951530	+	0.022508
Brpf3	MmuINT0025879	chr17	28951663	28954009	+	0.021323
Brpf3	MmuINT0025880	chr17	28954139	28954430	+	0.030386
Brpf3	MmuINT0025881	chr17	28954744	28955280	+	0.03047
Brpf3	MmuINT0025883	chr17	28958538	28960917	+	0.030583
Brpf3	MmuINT0025884	chr17	28961012	28965288	+	0.070542
Brwd1	MmuINT0025921	chr16	96303788	96303860	-	0.066672
Brwd1	MmuINT0025923	chr16	96279111	96280289	-	0.039922
Brwd1	MmuINT0025924	chr16	96277821	96279069	-	0.053588
Brwd1	MmuINT0025925	chr16	96275590	96277721	-	0.042036
Brwd1	MmuINT0025926	chr16	96274267	96275438	-	0.022421
Brwd1	MmuINT0025927	chr16	96269055	96274131	-	0.040501
Brwd1	MmuINT0025928	chr16	96268768	96268925	-	0.019921
Brwd1	MmuINT0025929	chr16	96268141	96268541	-	0.019104
Brwd1	MmuINT0025930	chr16	96266255	96267951	-	0.023632
Brwd1	MmuINT0025931	chr16	96264702	96266070	-	0.026125
Brwd1	MmuINT0025932	chr16	96303615	96303728	-	0.046584
Brwd1	MmuINT0025933	chr16	96262991	96264607	-	0.032892
Brwd1	MmuINT0025934	chr16	96259593	96262858	-	0.024545
Brwd1	MmuINT0025935	chr16	96257659	96259497	-	0.026091
Brwd1	MmuINT0025936	chr16	96255501	96257468	-	0.03
Brwd1	MmuINT0025937	chr16	96255300	96255374	-	0.024312
Brwd1	MmuINT0025938	chr16	96253259	96255191	-	0.018526
Brwd1	MmuINT0025939	chr16	96252325	96253133	-	0.026881
Brwd1	MmuINT0025940	chr16	96249896	96252241	-	0.039249
Brwd1	MmuINT0025941	chr16	96249014	96249783	-	0.027671
Brwd1	MmuINT0025942	chr16	96245484	96248951	-	0.091122
Brwd1	MmuINT0025944	chr16	96245131	96245327	-	0.017376
Brwd1	MmuINT0025945	chr16	96242949	96245009	-	0.02617
Brwd1	MmuINT0025946	chr16	96241362	96242822	-	0.091443
Brwd1	MmuINT0025947	chr16	96241068	96241285	-	0.131714
Brwd1	MmuINT0025948	chr16	96239332	96241025	-	0.100233
Brwd1	MmuINT0025949	chr16	96237868	96239187	-	0.017064
Brwd1	MmuINT0025950	chr16	96235483	96237714	-	0.024547
Brwd1	MmuINT0025951	chr16	96233544	96235315	-	0.040662
Brwd1	MmuINT0025954	chr16	96290235	96303420	-	0.015439
Brwd1	MmuINT0025955	chr16	96287793	96288102	-	0.034476
Brwd1	MmuINT0025957	chr16	96282707	96286356	-	0.03185
Bsc12	MmuINT0025999	chr19	8922473	8922570	+	0.020926
Bsc12	MmuINT0026000	chr19	8922652	8922953	+	0.019923

Bscl2	MmuINT0026001	chr19	8914275	8915597	+	0.058584
Bscl2	MmuINT0026002	chr19	8915915	8917498	+	0.014748
Bscl2	MmuINT0026003	chr19	8917581	8919660	+	0.009084
Bscl2	MmuINT0026004	chr19	8919805	8920679	+	0.0144
Bscl2	MmuINT0026005	chr19	8920815	8920955	+	0.018303
Bscl2	MmuINT0026006	chr19	8921054	8921895	+	0.018758
Bscl2	MmuINT0026007	chr19	8922038	8922156	+	0.019217
Bscl2	MmuINT0026008	chr19	8922224	8922403	+	0.026787
Bsdc1	MmuINT0026009	chr4	1.29E+08	1.29E+08	+	0.037074
Bsdc1	MmuINT0026010	chr4	1.29E+08	1.29E+08	+	0.003148
Bsdc1	MmuINT0026011	chr4	1.29E+08	1.29E+08	+	0.007675
Bsdc1	MmuINT0026012	chr4	1.29E+08	1.29E+08	+	0.020964
Bsdc1	MmuINT0026013	chr4	1.29E+08	1.29E+08	+	0.007085
Bsdc1	MmuINT0026014	chr4	1.29E+08	1.29E+08	+	0.013733
Bsdc1	MmuINT0026015	chr4	1.29E+08	1.29E+08	+	0.004669
Bsdc1	MmuINT0026016	chr4	1.29E+08	1.29E+08	+	0.005201
Bsdc1	MmuINT0026017	chr4	1.29E+08	1.29E+08	+	0.003709
Bsdc1	MmuINT0026018	chr4	1.29E+08	1.29E+08	+	0.007001
Bsg	MmuINT0026020	chr10	79167330	79171441	+	0.851038
Bsg	MmuINT0026021	chr10	79171790	79172415	+	0.753683
Bsg	MmuINT0026022	chr10	79172573	79172802	+	0.001243
Bsg	MmuINT0026023	chr10	79172886	79173004	+	0.000969
Bsg	MmuINT0026024	chr10	79173148	79173382	+	0.001192
Bsg	MmuINT0026025	chr10	79173666	79174000	+	0.000969
Bsg	MmuINT0026026	chr10	79174026	79174238	+	0.002066
Bst2	MmuINT0026059	chr8	74060334	74061026	-	0.023444
Bst2	MmuINT0026060	chr8	74059725	74060257	-	0.045109
Bst2	MmuINT0026061	chr8	74058692	74059684	-	0.058421
Bst2	MmuINT0026062	chr8	74058380	74058570	-	0.007799
Btaf1	MmuINT0026066	chr19	37041078	37041165	+	0.036483
Btaf1	MmuINT0026067	chr19	37041343	37043545	+	0.039008
Btaf1	MmuINT0026068	chr19	37043687	37044403	+	0.042474
Btaf1	MmuINT0026069	chr19	37044529	37047387	+	0.041942
Btaf1	MmuINT0026070	chr19	37047509	37052804	+	0.059435
Btaf1	MmuINT0026071	chr19	37052910	37055066	+	0.049611
Btaf1	MmuINT0026072	chr19	37055217	37055476	+	0.030484
Btaf1	MmuINT0026073	chr19	37055620	37056136	+	0.030673
Btaf1	MmuINT0026074	chr19	37056312	37057938	+	0.122907
Btaf1	MmuINT0026075	chr19	37058143	37060944	+	0.165298
Btaf1	MmuINT0026077	chr19	37061372	37062470	+	0.024465
Btaf1	MmuINT0026078	chr19	37062662	37063365	+	0.028732
Btaf1	MmuINT0026079	chr19	37063520	37063877	+	0.038407
Btaf1	MmuINT0026080	chr19	37063988	37065212	+	0.024841
Btaf1	MmuINT0026081	chr19	37065415	37066925	+	0.085557
Btaf1	MmuINT0026082	chr19	37067075	37068759	+	0.04653
Btaf1	MmuINT0026083	chr19	37068913	37069080	+	0.033283
Btaf1	MmuINT0026084	chr19	37069203	37069288	+	0.037135
Btaf1	MmuINT0026085	chr19	37069457	37071019	+	0.066169
Btaf1	MmuINT0026086	chr19	37071098	37071995	+	0.040968
Btaf1	MmuINT0026087	chr19	37023673	37025523	+	0.058645

Btaf1	MmuINT0026088	chr19	37072126	37074581	+	0.04414
Btaf1	MmuINT0026089	chr19	37074724	37074806	+	0.045602
Btaf1	MmuINT0026090	chr19	37074938	37076903	+	0.029473
Btaf1	MmuINT0026091	chr19	37077030	37077977	+	0.038166
Btaf1	MmuINT0026092	chr19	37078131	37078921	+	0.030397
Btaf1	MmuINT0026093	chr19	37079134	37084069	+	0.052556
Btaf1	MmuINT0026094	chr19	37084230	37084501	+	0.022321
Btaf1	MmuINT0026095	chr19	37084673	37085750	+	0.02994
Btaf1	MmuINT0026096	chr19	37025668	37030860	+	0.046057
Btaf1	MmuINT0026097	chr19	37031025	37032862	+	0.032447
Btaf1	MmuINT0026098	chr19	37033000	37036128	+	0.043545
Btaf1	MmuINT0026099	chr19	37036259	37036920	+	0.044371
Btaf1	MmuINT0026100	chr19	37036990	37040107	+	0.036013
Btaf1	MmuINT0026101	chr19	37040198	37040981	+	0.04121
Btbd1	MmuINT0026108	chr7	88938613	88939043	-	0.000253
Btbd10	MmuINT0026109	chr7	1.21E+08	1.21E+08	-	0.023297
Btbd10	MmuINT0026110	chr7	1.2E+08	1.2E+08	-	0.008779
Btbd10	MmuINT0026115	chr7	1.2E+08	1.2E+08	-	0.016179
Btbd10	MmuINT0026116	chr7	1.2E+08	1.2E+08	-	0.00642
Btbd10	MmuINT0026117	chr7	1.2E+08	1.2E+08	-	0.028655
Btbd10	MmuINT0026118	chr7	1.2E+08	1.2E+08	-	0.017401
Btbd2	MmuINT0026173	chr10	80111425	80118874	-	0.017943
Btbd2	MmuINT0026174	chr10	80110607	80111304	-	0.010522
Btbd2	MmuINT0026175	chr10	80109232	80110449	-	0.020415
Btbd2	MmuINT0026176	chr10	80108283	80109125	-	0.009545
Btbd2	MmuINT0026177	chr10	80107541	80108084	-	0.053773
Btbd2	MmuINT0026178	chr10	80107095	80107347	-	0.017163
Btbd2	MmuINT0026179	chr10	80106718	80107006	-	0.045503
Btbd2	MmuINT0026180	chr10	80106437	80106570	-	0.015614
Btbd3	MmuINT0026181	chr2	1.38E+08	1.38E+08	+	0.027074
Btbd3	MmuINT0026182	chr2	1.38E+08	1.38E+08	+	0.012747
Btbd3	MmuINT0026183	chr2	1.38E+08	1.38E+08	+	0.011587
Btbd6	MmuINT0026184	chr12	1.14E+08	1.14E+08	+	0.040875
Btbd6	MmuINT0026185	chr12	1.14E+08	1.14E+08	+	0.167374
Btbd7	MmuINT0026187	chr12	1.04E+08	1.04E+08	-	0.067782
Btbd7	MmuINT0026188	chr12	1.04E+08	1.04E+08	-	0.047787
Btbd7	MmuINT0026190	chr12	1.04E+08	1.04E+08	-	0.021164
Btbd7	MmuINT0026191	chr12	1.04E+08	1.04E+08	-	0.024354
Btbd7	MmuINT0026192	chr12	1.04E+08	1.04E+08	-	0.017174
Btbd7	MmuINT0026193	chr12	1.04E+08	1.04E+08	-	0.018854
Btbd7	MmuINT0026194	chr12	1.04E+08	1.04E+08	-	0.018894
Btbd7	MmuINT0026195	chr12	1.04E+08	1.04E+08	-	0.019065
Btbd7	MmuINT0026196	chr12	1.04E+08	1.04E+08	-	0.024502
Btbd9	MmuINT0026197	chr17	30667311	30713090	-	0.036299
Btbd9	MmuINT0026198	chr17	30357516	30365744	-	0.036674
Btbd9	MmuINT0026199	chr17	30357090	30357289	-	0.907502
Btbd9	MmuINT0026200	chr17	30664611	30667098	-	0.017009
Btbd9	MmuINT0026201	chr17	30661923	30664246	-	0.020002
Btbd9	MmuINT0026202	chr17	30654269	30661657	-	0.010237
Btbd9	MmuINT0026203	chr17	30650621	30654048	-	0.015533

Btbd9	MmuINT0026204	chr17	30471278	30650500	-	0.022373
Btbd9	MmuINT0026205	chr17	30436666	30471167	-	0.021448
Btbd9	MmuINT0026206	chr17	30411907	30436475	-	0.023772
Btbd9	MmuINT0026207	chr17	30365824	30411798	-	0.02777
Btd	MmuINT0026213	chr14	32454322	32475255	+	0.250701
Btd	MmuINT0026214	chr14	32475512	32479067	+	0.045958
Btd	MmuINT0026215	chr14	32479218	32479926	+	0.027816
Btf3l4	MmuINT0026221	chr4	1.09E+08	1.09E+08	-	0.038952
Btg1	MmuINT0026226	chr10	96080107	96080909	+	0.017048
Btg2	MmuINT0026227	chr1	1.36E+08	1.36E+08	-	0.006135
Btnl9	MmuINT0026323	chr11	48994391	48996467	-	0.223758
Btnl9	MmuINT0026324	chr11	48992499	48994042	-	0.012488
Btnl9	MmuINT0026325	chr11	48989199	48992216	-	0.019392
Btnl9	MmuINT0026326	chr11	48988361	48989069	-	0.030408
Btnl9	MmuINT0026327	chr11	48986976	48988327	-	0.240839
Btnl9	MmuINT0026329	chr11	48984126	48986713	-	0.026231
Btnl9	MmuINT0026330	chr11	48983194	48984098	-	0.044424
Btrc	MmuINT0026334	chr19	45591624	45593298	+	0.009501
Btrc	MmuINT0026335	chr19	45593410	45593931	+	0.010997
Btrc	MmuINT0026336	chr19	45594011	45601753	+	0.067637
Btrc	MmuINT0026337	chr19	45601947	45603462	+	0.027237
Btrc	MmuINT0026338	chr19	45531101	45545504	+	0.027796
Btrc	MmuINT0026339	chr19	45545595	45577421	+	0.011707
Btrc	MmuINT0026340	chr19	45577654	45582173	+	0.012181
Btrc	MmuINT0026341	chr19	45582361	45587134	+	0.022233
Btrc	MmuINT0026342	chr19	45587232	45587876	+	0.010226
Btrc	MmuINT0026343	chr19	45588015	45588497	+	0.010088
Btrc	MmuINT0026344	chr19	45588617	45590347	+	0.011862
Btrc	MmuINT0026345	chr19	45590598	45591504	+	0.011906
Bub3	MmuINT0026392	chr7	1.39E+08	1.39E+08	+	0.020397
Bub3	MmuINT0026393	chr7	1.39E+08	1.39E+08	+	0.007215
Bub3	MmuINT0026394	chr7	1.39E+08	1.39E+08	+	0.009508
Bub3	MmuINT0026395	chr7	1.39E+08	1.39E+08	+	0.010926
Bub3	MmuINT0026396	chr7	1.39E+08	1.39E+08	+	0.001683
Bub3	MmuINT0026397	chr7	1.39E+08	1.39E+08	+	0.002386
Bub3	MmuINT0026398	chr7	1.39E+08	1.39E+08	+	0.012219
Bud13	MmuINT0026399	chr9	46091257	46094425	+	0.065471
Bud13	MmuINT0026400	chr9	46094517	46095099	+	0.037221
Bud13	MmuINT0026401	chr9	46095185	46095744	+	0.031837
Bud13	MmuINT0026402	chr9	46096519	46098208	+	0.018814
Bud13	MmuINT0026403	chr9	46098427	46099390	+	0.013153
Bud13	MmuINT0026404	chr9	46099494	46099777	+	0.014967
Bud13	MmuINT0026405	chr9	46099917	46100148	+	0.020898
Bud13	MmuINT0026406	chr9	46100334	46100530	+	0.026441
Bud13	MmuINT0026407	chr9	46100613	46106497	+	0.035029
Bud31	MmuINT0026408	chr5	1.46E+08	1.46E+08	+	0.015447
Bud31	MmuINT0026409	chr5	1.46E+08	1.46E+08	+	0.013339
Bud31	MmuINT0026410	chr5	1.46E+08	1.46E+08	+	0.712046
Bves	MmuINT0026415	chr10	45055688	45059025	+	0.009846
Bves	MmuINT0026416	chr10	45059263	45062839	+	0.004609

Bves	MmuINT0026417	chr10	45062965	45065932	+	0.009198
Bves	MmuINT0026418	chr10	45066121	45067590	+	0.004091
Bves	MmuINT0026419	chr10	45067700	45073555	+	0.0068
Bves	MmuINT0026420	chr10	45073724	45074556	+	0.003119
Bves	MmuINT0026421	chr10	45074699	45088996	+	0.011018
Bysl	MmuINT0026422	chr17	47743951	47747855	-	0.006984
Bysl	MmuINT0026423	chr17	47741343	47743787	-	0.007466
Bysl	MmuINT0026424	chr17	47740939	47741203	-	0.005076
Bysl	MmuINT0026425	chr17	47739748	47740804	-	0.00752
Bysl	MmuINT0026426	chr17	47739444	47739586	-	0.006823
Bysl	MmuINT0026427	chr17	47738848	47739340	-	0.00697
Bzw1	MmuINT0026467	chr1	58458068	58458184	+	0.002424
Bzw2	MmuINT0026470	chr12	36861543	36883254	-	0.002229
Bzw2	MmuINT0026471	chr12	36819677	36830848	-	0.002526
Bzw2	MmuINT0026472	chr12	36818897	36819553	-	0.005145
Bzw2	MmuINT0026474	chr12	36850626	36856578	-	0.000769
Bzw2	MmuINT0026475	chr12	36847372	36850521	-	0.002693
Bzw2	MmuINT0026477	chr12	36840665	36845573	-	0.001433
Bzw2	MmuINT0026478	chr12	36836463	36840554	-	0.000902
Bzw2	MmuINT0026479	chr12	36834230	36836291	-	0.00569
Bzw2	MmuINT0026480	chr12	36830988	36834082	-	0.001544
C030006K11Rik	MmuINT0026484	chr15	76553414	76553600	-	0.008135
C030044B11Rik	MmuINT0026495	chr13	49063974	49064306	+	0.060147
C030046E11Rik	MmuINT0026496	chr19	29597157	29607654	+	0.042055
C030046E11Rik	MmuINT0026497	chr19	29650393	29652072	+	0.041329
C030046E11Rik	MmuINT0026498	chr19	29652226	29654254	+	0.026256
C030046E11Rik	MmuINT0026499	chr19	29654459	29658664	+	0.205658
C030046E11Rik	MmuINT0026500	chr19	29658704	29658956	+	0.104191
C030046E11Rik	MmuINT0026501	chr19	29659068	29660270	+	0.056085
C030046E11Rik	MmuINT0026502	chr19	29660361	29661029	+	0.026673
C030046E11Rik	MmuINT0026503	chr19	29661191	29662197	+	0.020228
C030046E11Rik	MmuINT0026504	chr19	29662337	29669288	+	0.026326
C030046E11Rik	MmuINT0026505	chr19	29669406	29669760	+	0.027184
C030046E11Rik	MmuINT0026506	chr19	29670490	29672236	+	0.023645
C030046E11Rik	MmuINT0026507	chr19	29607763	29615745	+	0.041311
C030046E11Rik	MmuINT0026508	chr19	29672396	29672479	+	0.024999
C030046E11Rik	MmuINT0026509	chr19	29672617	29674321	+	0.040791
C030046E11Rik	MmuINT0026510	chr19	29674609	29675307	+	0.028893
C030046E11Rik	MmuINT0026511	chr19	29675500	29676762	+	0.017706
C030046E11Rik	MmuINT0026512	chr19	29676941	29677081	+	0.032187
C030046E11Rik	MmuINT0026513	chr19	29677271	29678350	+	0.04284
C030046E11Rik	MmuINT0026514	chr19	29615826	29636474	+	0.035257
C030046E11Rik	MmuINT0026515	chr19	29636583	29641709	+	0.065135
C030046E11Rik	MmuINT0026516	chr19	29641853	29641974	+	0.030843
C030046E11Rik	MmuINT0026517	chr19	29642112	29643831	+	0.034089
C030046E11Rik	MmuINT0026518	chr19	29643924	29645235	+	0.021084
C030046E11Rik	MmuINT0026519	chr19	29645325	29649221	+	0.029692
C030046E11Rik	MmuINT0026520	chr19	29649367	29650343	+	0.039753
C030046I01Rik	MmuINT0026521	chr10	79376457	79379567	-	0.02447
C030046I01Rik	MmuINT0026522	chr10	79376092	79376301	-	0.02783



C030046I01Rik	MmuINT0026523	chr10	79375515	79375969	-	0.006751
C030046I01Rik	MmuINT0026524	chr10	79375227	79375393	-	0.006102
C030046I01Rik	MmuINT0026525	chr10	79374906	79375140	-	0.018484
C030046I01Rik	MmuINT0026526	chr10	79374743	79374819	-	0.033568
C030046I01Rik	MmuINT0026527	chr10	79373885	79374686	-	0.008843
C030048B08Rik	MmuINT0026528	chr5	3595446	3595965	-	0.056943
C030048B08Rik	MmuINT0026529	chr5	3591816	3595254	-	0.044099
C030048B08Rik	MmuINT0026530	chr5	3590804	3591669	-	0.152337
C030048B08Rik	MmuINT0026531	chr5	3584808	3590222	-	0.020841
C130022K22Rik	MmuINT0026532	chr6	91828181	91830250	+	0.018901
C130022K22Rik	MmuINT0026533	chr6	91848294	91849285	+	0.01708
C130022K22Rik	MmuINT0026534	chr6	91830356	91831240	+	0.015299
C130022K22Rik	MmuINT0026535	chr6	91831342	91835341	+	0.04781
C130022K22Rik	MmuINT0026537	chr6	91838245	91840787	+	0.017227
C130022K22Rik	MmuINT0026539	chr6	91842993	91843399	+	0.014495
C130022K22Rik	MmuINT0026540	chr6	91843495	91845207	+	0.011906
C130022K22Rik	MmuINT0026541	chr6	91845341	91848140	+	0.017958
C130039O16Rik	MmuINT0026554	chr12	85515374	85534448	-	0.089261
C130039O16Rik	MmuINT0026555	chr12	85496058	85497376	-	0.031555
C130039O16Rik	MmuINT0026556	chr12	85493982	85495844	-	0.053277
C130039O16Rik	MmuINT0026557	chr12	85493512	85493784	-	0.019826
C130039O16Rik	MmuINT0026558	chr12	85512710	85513703	-	0.025746
C130039O16Rik	MmuINT0026559	chr12	85503552	85512409	-	0.029557
C130039O16Rik	MmuINT0026560	chr12	85501496	85503205	-	0.061932
C130039O16Rik	MmuINT0026561	chr12	85500968	85501428	-	0.069661
C130039O16Rik	MmuINT0026562	chr12	85500704	85500824	-	0.032738
C130039O16Rik	MmuINT0026563	chr12	85500002	85500599	-	0.050501
C130039O16Rik	MmuINT0026564	chr12	85499294	85499925	-	0.038431
C130039O16Rik	MmuINT0026565	chr12	85497527	85499204	-	0.049682
C130074G19Rik	MmuINT0026575	chr1	1.87E+08	1.87E+08	-	0.015458
C1d	MmuINT0026581	chr11	17157662	17162650	+	0.014233
C1d	MmuINT0026582	chr11	17162798	17163611	+	0.005975
C1d	MmuINT0026583	chr11	17163679	17163953	+	0.001459
C1d	MmuINT0026584	chr11	17164010	17166533	+	0.007697
C1galt1	MmuINT0026585	chr6	7795395	7813904	+	0.031192
C1galt1	MmuINT0026586	chr6	7814142	7816375	+	0.026381
C1galt1	MmuINT0026587	chr6	7817044	7821053	+	0.01843
C1galt1c1	MmuINT0026588	chrX	35985301	35988154	-	0.028709
C1qa	MmuINT0026589	chr4	1.36E+08	1.36E+08	-	0.011593
C1qa	MmuINT0026590	chr4	1.36E+08	1.36E+08	-	0.011992
C1qb	MmuINT0026591	chr4	1.36E+08	1.36E+08	-	0.017758
C1qb	MmuINT0026592	chr4	1.36E+08	1.36E+08	-	0.028536
C1qbp	MmuINT0026593	chr11	70795823	70796226	-	0.001696
C1qbp	MmuINT0026594	chr11	70793606	70795671	-	0.001962
C1qbp	MmuINT0026595	chr11	70792287	70793511	-	0.001494
C1qbp	MmuINT0026596	chr11	70792053	70792190	-	0.004006
C1qbp	MmuINT0026597	chr11	70791747	70791929	-	0.002864
C1qc	MmuINT0026598	chr4	1.36E+08	1.36E+08	-	0.016585
C1qc	MmuINT0026599	chr4	1.36E+08	1.36E+08	-	0.01158
C1qtnf1	MmuINT0026605	chr11	1.18E+08	1.18E+08	+	0.038805

C1qtnf1	MmuINT0026606	chr11	1.18E+08	1.18E+08	+	0.022839
C1qtnf2	MmuINT0026609	chr11	43299576	43304225	+	0.043805
C1qtnf6	MmuINT0026617	chr15	78357899	78359947	-	0.046129
C1qtnf6	MmuINT0026618	chr15	78355829	78357657	-	0.066964
C1qtnf7	MmuINT0026621	chr5	44000538	44006858	+	0.037482
C1qtnf9	MmuINT0026622	chr14	61387006	61391112	+	0.005401
C1qtnf9	MmuINT0026623	chr14	61391300	61395861	+	0.007766
C1qtnf9	MmuINT0026624	chr14	61395925	61398088	+	0.014981
C1s	MmuINT0026654	chr6	1.24E+08	1.24E+08	-	0.010656
C230035I16Rik	MmuINT0026686	chr13	23520282	23522097	-	0.647809
C230035I16Rik	MmuINT0026687	chr13	23519922	23520173	-	0.461014
C230052I12Rik	MmuINT0026689	chr7	36180147	36180255	-	0.065899
C230052I12Rik	MmuINT0026690	chr7	36178111	36179993	-	0.044535
C230081A13Rik	MmuINT0026695	chr9	56222247	56265747	-	0.070379
C230081A13Rik	MmuINT0026696	chr9	56166628	56222182	-	0.045096
C230081A13Rik	MmuINT0026697	chr9	56108570	56166469	-	0.035614
C230081A13Rik	MmuINT0026698	chr9	56089152	56105333	-	0.030783
C230081A13Rik	MmuINT0026699	chr9	56075652	56088966	-	0.023333
C230081A13Rik	MmuINT0026700	chr9	56055419	56074908	-	0.032779
C230096C10Rik	MmuINT0026703	chr4	1.39E+08	1.39E+08	+	0.00634
C230096C10Rik	MmuINT0026704	chr4	1.39E+08	1.39E+08	+	0.008506
C230096C10Rik	MmuINT0026705	chr4	1.39E+08	1.39E+08	+	0.010135
C230096C10Rik	MmuINT0026706	chr4	1.39E+08	1.39E+08	+	0.005569
C230096C10Rik	MmuINT0026707	chr4	1.39E+08	1.39E+08	+	0.830695
C230096C10Rik	MmuINT0026708	chr4	1.39E+08	1.39E+08	+	0.004693
C230096C10Rik	MmuINT0026709	chr4	1.39E+08	1.39E+08	+	0.039397
C230096C10Rik	MmuINT0026710	chr4	1.39E+08	1.39E+08	+	0.00565
C230096C10Rik	MmuINT0026711	chr4	1.39E+08	1.39E+08	+	0.024861
C230096C10Rik	MmuINT0026712	chr4	1.39E+08	1.39E+08	+	0.017813
C230096C10Rik	MmuINT0026713	chr4	1.39E+08	1.39E+08	+	0.021291
C230096C10Rik	MmuINT0026714	chr4	1.39E+08	1.39E+08	+	0.014768
C230096C10Rik	MmuINT0026715	chr4	1.39E+08	1.39E+08	+	0.028309
C230096C10Rik	MmuINT0026716	chr4	1.39E+08	1.39E+08	+	0.011092
C230096C10Rik	MmuINT0026717	chr4	1.39E+08	1.39E+08	+	0.011547
C230096C10Rik	MmuINT0026718	chr4	1.39E+08	1.39E+08	+	0.006086
C230096C10Rik	MmuINT0026719	chr4	1.39E+08	1.39E+08	+	0.008313
C230096C10Rik	MmuINT0026720	chr4	1.39E+08	1.39E+08	+	0.00987
C230096C10Rik	MmuINT0026721	chr4	1.39E+08	1.39E+08	+	0.006542
C230096C10Rik	MmuINT0026722	chr4	1.39E+08	1.39E+08	+	0.005441
C230096C10Rik	MmuINT0026723	chr4	1.39E+08	1.39E+08	+	0.007805
C230096C10Rik	MmuINT0026724	chr4	1.39E+08	1.39E+08	+	0.008119
C2cd2	MmuINT0026727	chr16	98134315	98143664	-	0.029643
C2cd2	MmuINT0026728	chr16	98096850	98097826	-	0.035983
C2cd2	MmuINT0026729	chr16	98091888	98096735	-	0.052899
C2cd2	MmuINT0026730	chr16	98090524	98091759	-	0.043658
C2cd2	MmuINT0026732	chr16	98113916	98134215	-	0.037906
C2cd2	MmuINT0026733	chr16	98111725	98113795	-	0.034929
C2cd2	MmuINT0026734	chr16	98107817	98111619	-	0.079901
C2cd2	MmuINT0026735	chr16	98105004	98107693	-	0.018752
C2cd2	MmuINT0026736	chr16	98103302	98104879	-	0.023292

C2cd2	MmuINT0026737	chr16	98101282	98103195	-	0.036077
C2cd2	MmuINT0026738	chr16	98098840	98101216	-	0.030892
C2cd2	MmuINT0026739	chr16	98098002	98098714	-	0.02644
C2cd2l	MmuINT0026740	chr9	44125762	44127617	-	0.050151
C2cd2l	MmuINT0026741	chr9	44122340	44122962	-	0.055244
C2cd2l	MmuINT0026742	chr9	44122095	44122237	-	0.089997
C2cd2l	MmuINT0026743	chr9	44121875	44121960	-	0.025138
C2cd2l	MmuINT0026744	chr9	44119351	44121588	-	0.081748
C2cd2l	MmuINT0026745	chr9	44125203	44125665	-	0.018706
C2cd2l	MmuINT0026746	chr9	44124902	44125082	-	0.03472
C2cd2l	MmuINT0026751	chr9	44123358	44123446	-	0.017278
C2cd2l	MmuINT0026752	chr9	44123138	44123229	-	0.020208
C2cd3	MmuINT0026766	chr7	1.08E+08	1.08E+08	+	0.098812
C2cd3	MmuINT0026767	chr7	1.08E+08	1.08E+08	+	0.147524
C2cd3	MmuINT0026768	chr7	1.08E+08	1.08E+08	+	0.064274
C2cd3	MmuINT0026770	chr7	1.08E+08	1.08E+08	+	0.054585
C2cd3	MmuINT0026771	chr7	1.08E+08	1.08E+08	+	0.060033
C2cd3	MmuINT0026772	chr7	1.08E+08	1.08E+08	+	0.065867
C2cd3	MmuINT0026773	chr7	1.08E+08	1.08E+08	+	0.129371
C2cd3	MmuINT0026774	chr7	1.08E+08	1.08E+08	+	0.035604
C2cd3	MmuINT0026776	chr7	1.08E+08	1.08E+08	+	0.037188
C2cd3	MmuINT0026777	chr7	1.08E+08	1.08E+08	+	0.073533
C2cd3	MmuINT0026778	chr7	1.08E+08	1.08E+08	+	0.073637
C2cd3	MmuINT0026780	chr7	1.08E+08	1.08E+08	+	0.049001
C2cd3	MmuINT0026783	chr7	1.08E+08	1.08E+08	+	0.056162
C3	MmuINT0026789	chr17	57366306	57367378	-	0.015746
C3	MmuINT0026790	chr17	57363401	57363485	-	0.012968
C3	MmuINT0026791	chr17	57362754	57363253	-	0.01177
C3	MmuINT0026792	chr17	57362419	57362543	-	0.015272
C3	MmuINT0026793	chr17	57361775	57362211	-	0.013142
C3	MmuINT0026794	chr17	57361442	57361618	-	0.014822
C3	MmuINT0026795	chr17	57360818	57361311	-	0.017278
C3	MmuINT0026796	chr17	57360597	57360745	-	0.016537
C3	MmuINT0026797	chr17	57359626	57360395	-	0.013092
C3	MmuINT0026798	chr17	57359049	57359516	-	0.018217
C3	MmuINT0026799	chr17	57358364	57358962	-	0.019374
C3	MmuINT0026800	chr17	57365755	57366115	-	0.011997
C3	MmuINT0026801	chr17	57358095	57358220	-	0.010289
C3	MmuINT0026802	chr17	57356756	57357881	-	0.011418
C3	MmuINT0026803	chr17	57356595	57356688	-	0.016022
C3	MmuINT0026804	chr17	57355356	57356507	-	0.010099
C3	MmuINT0026805	chr17	57354613	57355151	-	0.015171
C3	MmuINT0026806	chr17	57354259	57354536	-	0.012242
C3	MmuINT0026807	chr17	57353288	57354098	-	0.007695
C3	MmuINT0026808	chr17	57352185	57353188	-	0.01569
C3	MmuINT0026809	chr17	57351159	57352027	-	0.008849
C3	MmuINT0026810	chr17	57349747	57350994	-	0.009034
C3	MmuINT0026811	chr17	57365491	57365588	-	0.018324
C3	MmuINT0026812	chr17	57349072	57349587	-	0.007488
C3	MmuINT0026813	chr17	57348925	57349011	-	0.016026

C3	MmuINT0026814	chr17	57348714	57348833	-	0.015284
C3	MmuINT0026815	chr17	57347043	57348661	-	0.031545
C3	MmuINT0026816	chr17	57346847	57346954	-	0.0133
C3	MmuINT0026817	chr17	57345719	57346756	-	0.01342
C3	MmuINT0026818	chr17	57345169	57345612	-	0.00871
C3	MmuINT0026819	chr17	57344804	57345078	-	0.008689
C3	MmuINT0026820	chr17	57343974	57344719	-	0.011843
C3	MmuINT0026821	chr17	57343810	57343889	-	0.007702
C3	MmuINT0026822	chr17	57364734	57365419	-	0.022363
C3	MmuINT0026823	chr17	57343578	57343673	-	0.005971
C3	MmuINT0026824	chr17	57364541	57364638	-	0.035295
C3	MmuINT0026825	chr17	57364367	57364457	-	0.020477
C3	MmuINT0026826	chr17	57364170	57364275	-	0.022793
C3	MmuINT0026827	chr17	57363837	57364066	-	0.023075
C3	MmuINT0026828	chr17	57363602	57363709	-	0.014957
C330006K01Rik	MmuINT0026841	chr5	1.43E+08	1.43E+08	+	0.098863
C330006K01Rik	MmuINT0026842	chr5	1.43E+08	1.43E+08	+	0.054913
C330006K01Rik	MmuINT0026843	chr5	1.43E+08	1.43E+08	+	0.265594
C330006K01Rik	MmuINT0026844	chr5	1.43E+08	1.43E+08	+	0.054588
C330006K01Rik	MmuINT0026845	chr5	1.43E+08	1.43E+08	+	0.063857
C330006K01Rik	MmuINT0026846	chr5	1.43E+08	1.43E+08	+	0.046203
C330006K01Rik	MmuINT0026847	chr5	1.43E+08	1.43E+08	+	0.121376
C330006K01Rik	MmuINT0026848	chr5	1.43E+08	1.43E+08	+	0.168284
C330006K01Rik	MmuINT0026849	chr5	1.43E+08	1.43E+08	+	0.030674
C330006K01Rik	MmuINT0026850	chr5	1.43E+08	1.43E+08	+	0.025527
C330006K01Rik	MmuINT0026852	chr5	1.43E+08	1.43E+08	+	0.035284
C330006K01Rik	MmuINT0026853	chr5	1.43E+08	1.43E+08	+	0.106438
C330006K01Rik	MmuINT0026854	chr5	1.43E+08	1.43E+08	+	0.075584
C330006K01Rik	MmuINT0026856	chr5	1.43E+08	1.43E+08	+	0.344643
C330018D20Rik	MmuINT0026863	chr18	57133139	57134987	-	0.094297
C330018D20Rik	MmuINT0026864	chr18	57122173	57133037	-	0.01214
C330018D20Rik	MmuINT0026865	chr18	57118234	57122054	-	0.030957
C330018D20Rik	MmuINT0026866	chr18	57117576	57118176	-	0.050775
C330019G07Rik	MmuINT0026872	chr5	33174201	33174453	-	0.002721
C330019G07Rik	MmuINT0026873	chr5	33164788	33169606	-	0.062004
C330019G07Rik	MmuINT0026874	chr5	33163414	33164715	-	0.026739
C330027C09Rik	MmuINT0026898	chr16	49016475	49017464	+	0.09981
C3ar1	MmuINT0026908	chr6	1.23E+08	1.23E+08	-	0.058571
C4b	MmuINT0026956	chr17	34875947	34876599	-	0.044082
C4b	MmuINT0026968	chr17	34871153	34871310	-	0.106287
C4b	MmuINT0026976	chr17	34868115	34869114	-	0.04871
C4b	MmuINT0026977	chr17	34867935	34868020	-	0.048486
C4b	MmuINT0026978	chr17	34867660	34867753	-	0.02784
C5ar1	MmuINT0027021	chr7	16834440	16844493	-	0.059023
C77080	MmuINT0027069	chr4	1.29E+08	1.29E+08	-	0.057324
C78339	MmuINT0027074	chr13	46765625	46766577	+	0.037531
C78339	MmuINT0027075	chr13	46766699	46768914	+	0.010416
C78339	MmuINT0027076	chr13	46769039	46769621	+	0.024161
C78339	MmuINT0027077	chr13	46769762	46770880	+	0.054828
C80913	MmuINT0027091	chr7	38781741	38804128	-	0.052928

C80913	MmuINT0027092	chr7	38746717	38747484	-	0.017737
C80913	MmuINT0027093	chr7	38767968	38781705	-	0.023054
C80913	MmuINT0027094	chr7	38766766	38767888	-	0.016954
C80913	MmuINT0027095	chr7	38754717	38766629	-	0.025559
C80913	MmuINT0027096	chr7	38754457	38754624	-	0.041785
C80913	MmuINT0027097	chr7	38752509	38754398	-	0.024181
C80913	MmuINT0027098	chr7	38750599	38752339	-	0.011439
C80913	MmuINT0027099	chr7	38748552	38750249	-	0.017517
C80913	MmuINT0027100	chr7	38747729	38748411	-	0.018739
C87436	MmuINT0027114	chr6	86389253	86393720	+	0.519394
C87436	MmuINT0027115	chr6	86397416	86399754	+	0.038097
C87436	MmuINT0027116	chr6	86399860	86403602	+	0.039227
C87436	MmuINT0027117	chr6	86403708	86407809	+	0.060908
C87436	MmuINT0027118	chr6	86407918	86412574	+	0.033684
C87436	MmuINT0027119	chr6	86412676	86415794	+	0.02689
C87436	MmuINT0027120	chr6	86415958	86419739	+	0.056726
C8g	MmuINT0027149	chr2	25355496	25355613	-	0.061783
C8g	MmuINT0027150	chr2	25355180	25355358	-	0.0564
C8g	MmuINT0027151	chr2	25355026	25355108	-	0.065115
C8g	MmuINT0027153	chr2	25354464	25354533	-	0.100754
C8g	MmuINT0027154	chr2	25354344	25354424	-	0.181244
Cab39	MmuINT0027176	chr1	87690397	87714931	+	0.003623
Cab39	MmuINT0027177	chr1	87715089	87731897	+	0.002673
Cab39	MmuINT0027178	chr1	87732063	87733860	+	0.002703
Cab39	MmuINT0027179	chr1	87733980	87738772	+	0.002559
Cab39	MmuINT0027180	chr1	87738942	87741167	+	0.004428
Cab39	MmuINT0027182	chr1	87744051	87744851	+	0.002821
Cab39	MmuINT0027183	chr1	87744996	87745607	+	0.002035
Cab39I	MmuINT0027185	chr14	60158043	60165822	+	0.006411
Cab39I	MmuINT0027186	chr14	60078079	60080471	+	0.016384
Cab39I	MmuINT0027187	chr14	60080540	60115639	+	0.013689
Cab39I	MmuINT0027188	chr14	60115782	60118380	+	0.013969
Cab39I	MmuINT0027189	chr14	60118546	60125101	+	0.014757
Cab39I	MmuINT0027190	chr14	60125221	60138402	+	0.012819
Cab39I	MmuINT0027191	chr14	60138572	60145592	+	0.015644
Cab39I	MmuINT0027192	chr14	60145653	60147678	+	0.024953
Cab39I	MmuINT0027193	chr14	60147745	60157898	+	0.016969
Cabin1	MmuINT0027195	chr10	75206084	75207973	-	0.02835
Cabin1	MmuINT0027196	chr10	75205208	75205946	-	0.085883
Cabin1	MmuINT0027198	chr10	75202259	75202764	-	0.03051
Cabin1	MmuINT0027200	chr10	75200261	75200955	-	0.023913
Cabin1	MmuINT0027201	chr10	75197954	75200065	-	0.0382
Cabin1	MmuINT0027202	chr10	75196522	75197710	-	0.019712
Cabin1	MmuINT0027203	chr10	75195261	75196364	-	0.029302
Cabin1	MmuINT0027204	chr10	75189765	75195144	-	0.032499
Cabin1	MmuINT0027205	chr10	75217650	75218113	-	0.02426
Cabin1	MmuINT0027206	chr10	75188501	75189602	-	0.027949
Cabin1	MmuINT0027207	chr10	75188150	75188293	-	0.027771
Cabin1	MmuINT0027208	chr10	75184285	75188003	-	0.032194
Cabin1	MmuINT0027209	chr10	75180444	75184022	-	0.036475

Cabin1	MmuINT0027210	chr10	75178496	75180182	-	0.124355
Cabin1	MmuINT0027211	chr10	75176377	75178343	-	0.022936
Cabin1	MmuINT0027212	chr10	75162841	75176197	-	0.083631
Cabin1	MmuINT0027213	chr10	75157792	75162657	-	0.017077
Cabin1	MmuINT0027214	chr10	75147151	75157459	-	0.016254
Cabin1	MmuINT0027215	chr10	75121543	75147036	-	0.05396
Cabin1	MmuINT0027216	chr10	75217110	75217556	-	0.038178
Cabin1	MmuINT0027217	chr10	75120638	75121378	-	0.021739
Cabin1	MmuINT0027218	chr10	75120198	75120540	-	0.029728
Cabin1	MmuINT0027219	chr10	75118186	75119519	-	0.015391
Cabin1	MmuINT0027220	chr10	75115888	75118110	-	0.014296
Cabin1	MmuINT0027221	chr10	75110967	75115619	-	0.054407
Cabin1	MmuINT0027222	chr10	75109847	75110801	-	0.023014
Cabin1	MmuINT0027223	chr10	75109433	75109619	-	0.017153
Cabin1	MmuINT0027226	chr10	75212919	75214180	-	0.025348
Cabin1	MmuINT0027227	chr10	75210721	75212788	-	0.019179
Cabin1	MmuINT0027228	chr10	75209520	75210570	-	0.019795
Cabin1	MmuINT0027229	chr10	75208143	75209232	-	0.017432
Cables1	MmuINT0027232	chr18	11999043	12041222	+	0.151866
Cables1	MmuINT0027236	chr18	12083481	12084769	+	0.033487
Cables1	MmuINT0027237	chr18	12084874	12098227	+	0.03574
Cables1	MmuINT0027238	chr18	12098335	12099688	+	0.020436
Cables1	MmuINT0027239	chr18	12099897	12102969	+	0.055576
Cables2	MmuINT0027241	chr2	1.8E+08	1.8E+08	-	0.01149
Cables2	MmuINT0027244	chr2	1.8E+08	1.8E+08	-	0.312705
Cables2	MmuINT0027246	chr2	1.8E+08	1.8E+08	-	0.026398
Cabp1	MmuINT0027249	chr5	1.16E+08	1.16E+08	-	0.938292
Cabp1	MmuINT0027251	chr5	1.16E+08	1.16E+08	-	0.066238
Cabp1	MmuINT0027252	chr5	1.16E+08	1.16E+08	-	0.063382
Cabp1	MmuINT0027253	chr5	1.16E+08	1.16E+08	-	0.034414
Cabp1	MmuINT0027254	chr5	1.16E+08	1.16E+08	-	0.092228
Cacna1c	MmuINT0027402	chr6	1.19E+08	1.19E+08	-	0.007001
Cacna1c	MmuINT0027403	chr6	1.19E+08	1.19E+08	-	0.024475
Cacna1c	MmuINT0027404	chr6	1.19E+08	1.19E+08	-	0.004008
Cacna1c	MmuINT0027406	chr6	1.19E+08	1.19E+08	-	0.003137
Cacna1c	MmuINT0027407	chr6	1.19E+08	1.19E+08	-	0.002801
Cacna1c	MmuINT0027408	chr6	1.19E+08	1.19E+08	-	0.002332
Cacna1c	MmuINT0027410	chr6	1.19E+08	1.19E+08	-	0.002661
Cacna1c	MmuINT0027411	chr6	1.19E+08	1.19E+08	-	0.00573
Cacna1c	MmuINT0027413	chr6	1.19E+08	1.19E+08	-	0.005377
Cacna1c	MmuINT0027416	chr6	1.19E+08	1.19E+08	-	0.004955
Cacna1c	MmuINT0027417	chr6	1.19E+08	1.19E+08	-	0.003824
Cacna1c	MmuINT0027418	chr6	1.19E+08	1.19E+08	-	0.007874
Cacna1c	MmuINT0027419	chr6	1.19E+08	1.19E+08	-	0.005421
Cacna1c	MmuINT0027420	chr6	1.19E+08	1.19E+08	-	0.00627
Cacna1c	MmuINT0027421	chr6	1.19E+08	1.19E+08	-	0.003633
Cacna1c	MmuINT0027422	chr6	1.19E+08	1.19E+08	-	0.002727
Cacna1c	MmuINT0027426	chr6	1.19E+08	1.19E+08	-	0.041912
Cacna1c	MmuINT0027427	chr6	1.19E+08	1.19E+08	-	0.004072
Cacna1c	MmuINT0027428	chr6	1.19E+08	1.19E+08	-	0.004495

Cacna1c	MmuINT0027429	chr6	1.19E+08	1.19E+08	-	0.002364
Cacna1c	MmuINT0027430	chr6	1.19E+08	1.19E+08	-	0.001667
Cacna1c	MmuINT0027431	chr6	1.19E+08	1.19E+08	-	0.003265
Cacna1c	MmuINT0027432	chr6	1.19E+08	1.19E+08	-	0.00249
Cacna1c	MmuINT0027433	chr6	1.19E+08	1.19E+08	-	0.003371
Cacna1c	MmuINT0027434	chr6	1.19E+08	1.19E+08	-	0.003359
Cacna1c	MmuINT0027435	chr6	1.19E+08	1.19E+08	-	0.004124
Cacna1c	MmuINT0027436	chr6	1.19E+08	1.19E+08	-	0.002137
Cacna1c	MmuINT0027437	chr6	1.19E+08	1.19E+08	-	0.003269
Cacna1c	MmuINT0027438	chr6	1.19E+08	1.19E+08	-	0.003356
Cacna1c	MmuINT0027439	chr6	1.19E+08	1.19E+08	-	0.002422
Cacna1c	MmuINT0027440	chr6	1.19E+08	1.19E+08	-	0.002632
Cacna1c	MmuINT0027441	chr6	1.19E+08	1.19E+08	-	0.002153
Cacna1c	MmuINT0027442	chr6	1.19E+08	1.19E+08	-	0.005713
Cacna1c	MmuINT0027443	chr6	1.19E+08	1.19E+08	-	0.004825
Cacna1c	MmuINT0027444	chr6	1.19E+08	1.19E+08	-	0.010893
Cacna1c	MmuINT0027446	chr6	1.19E+08	1.19E+08	-	0.00254
Cacna1c	MmuINT0027447	chr6	1.19E+08	1.19E+08	-	0.007561
Cacna1g	MmuINT0027590	chr11	94304394	94304488	-	0.024444
Cacna1g	MmuINT0027613	chr11	94272515	94272752	-	0.018066
Cacna1g	MmuINT0027614	chr11	94271191	94272344	-	0.018615
Cacna1s	MmuINT0027719	chr1	1.38E+08	1.38E+08	+	0.02644
Cacna1s	MmuINT0027724	chr1	1.38E+08	1.38E+08	+	0.023647
Cacna1s	MmuINT0027725	chr1	1.38E+08	1.38E+08	+	0.030782
Cacna1s	MmuINT0027726	chr1	1.38E+08	1.38E+08	+	0.028027
Cacna2d1	MmuINT0027736	chr5	15440927	15518211	+	0.008185
Cacna2d1	MmuINT0027737	chr5	15773294	15805746	+	0.062991
Cacna2d1	MmuINT0027738	chr5	15805906	15808110	+	0.003383
Cacna2d1	MmuINT0027739	chr5	15808216	15818318	+	0.004428
Cacna2d1	MmuINT0027740	chr5	15818398	15819459	+	0.005284
Cacna2d1	MmuINT0027741	chr5	15819510	15820723	+	0.00594
Cacna2d1	MmuINT0027742	chr5	15820814	15823452	+	0.005209
Cacna2d1	MmuINT0027743	chr5	15823531	15825055	+	0.006507
Cacna2d1	MmuINT0027744	chr5	15825131	15825901	+	0.004592
Cacna2d1	MmuINT0027745	chr5	15832202	15833790	+	0.008208
Cacna2d1	MmuINT0027746	chr5	15518294	15531566	+	0.004505
Cacna2d1	MmuINT0027747	chr5	15833863	15839581	+	0.006881
Cacna2d1	MmuINT0027748	chr5	15839644	15846524	+	0.007478
Cacna2d1	MmuINT0027749	chr5	15846602	15847807	+	0.043574
Cacna2d1	MmuINT0027750	chr5	15847829	15848500	+	0.026904
Cacna2d1	MmuINT0027751	chr5	15848562	15855229	+	0.00586
Cacna2d1	MmuINT0027752	chr5	15855328	15858408	+	0.007298
Cacna2d1	MmuINT0027753	chr5	15858497	15859640	+	0.004151
Cacna2d1	MmuINT0027754	chr5	15859704	15860379	+	0.004329
Cacna2d1	MmuINT0027755	chr5	15860484	15861312	+	0.004729
Cacna2d1	MmuINT0027756	chr5	15861400	15862621	+	0.013496
Cacna2d1	MmuINT0027757	chr5	15531684	15668810	+	0.005737
Cacna2d1	MmuINT0027758	chr5	15862690	15863106	+	0.006725
Cacna2d1	MmuINT0027759	chr5	15863146	15863583	+	0.005422
Cacna2d1	MmuINT0027760	chr5	15863656	15864748	+	0.003438

Cacna2d1	MmuINT0027761	chr5	15864902	15865001	+	0.009387
Cacna2d1	MmuINT0027762	chr5	15865055	15867637	+	0.008154
Cacna2d1	MmuINT0027763	chr5	15867694	15868082	+	0.003684
Cacna2d1	MmuINT0027764	chr5	15868213	15871176	+	0.0039
Cacna2d1	MmuINT0027765	chr5	15871287	15871608	+	0.007132
Cacna2d1	MmuINT0027766	chr5	15871692	15876375	+	0.005428
Cacna2d1	MmuINT0027767	chr5	15668871	15700572	+	0.007167
Cacna2d1	MmuINT0027768	chr5	15700615	15718693	+	0.005285
Cacna2d1	MmuINT0027769	chr5	15718824	15752483	+	0.003855
Cacna2d1	MmuINT0027770	chr5	15752616	15770075	+	0.004919
Cacna2d1	MmuINT0027771	chr5	15770146	15772504	+	0.018607
Cacna2d1	MmuINT0027772	chr5	15772556	15773193	+	0.007052
Cacna2d3	MmuINT0027832	chr14	29856768	29858734	-	0.932044
Cacnb1	MmuINT0027893	chr11	97867098	97870594	-	0.037646
Cacnb1	MmuINT0027894	chr11	97866629	97867001	-	0.018794
Cacnb1	MmuINT0027896	chr11	97874249	97878036	-	0.026999
Cacnb2	MmuINT0027904	chr2	14896867	14902932	+	0.013252
Cacnb2	MmuINT0027905	chr2	14903085	14904414	+	0.045212
Cacnb2	MmuINT0027906	chr2	14904511	14905877	+	0.005306
Cacnb2	MmuINT0027907	chr2	14906067	14907214	+	0.006437
Cacnb2	MmuINT0027909	chr2	14796517	14880392	+	0.006234
Cacnb2	MmuINT0027910	chr2	14880516	14882281	+	0.005378
Cacnb2	MmuINT0027911	chr2	14882419	14885532	+	0.017742
Cacnb2	MmuINT0027912	chr2	14885610	14889568	+	0.029283
Cacnb2	MmuINT0027913	chr2	14889703	14893188	+	0.012129
Cacnb2	MmuINT0027914	chr2	14893270	14893688	+	0.007242
Cacnb2	MmuINT0027915	chr2	14893748	14896756	+	0.007387
Cacnb3	MmuINT0027919	chr15	98472836	98472932	+	0.061156
Cacnb3	MmuINT0027928	chr15	98472157	98472369	+	0.153209
Cacng7	MmuINT0027965	chr7	3339127	3365535	+	0.047297
Cacng7	MmuINT0027966	chr7	3365682	3366279	+	0.058076
Cacybp	MmuINT0027970	chr1	1.62E+08	1.62E+08	-	0.001965
Cacybp	MmuINT0027972	chr1	1.62E+08	1.62E+08	-	0.003522
Cacybp	MmuINT0027973	chr1	1.62E+08	1.62E+08	-	0.001352
Cacybp	MmuINT0027974	chr1	1.62E+08	1.62E+08	-	0.003439
Cad	MmuINT0027978	chr5	31364052	31364150	+	0.034507
Cad	MmuINT0027980	chr5	31364699	31364834	+	0.042288
Cad	MmuINT0027987	chr5	31370961	31371046	+	0.048736
Cad	MmuINT0027988	chr5	31371230	31371387	+	0.044615
Cad	MmuINT0027989	chr5	31371607	31371891	+	0.044741
Cad	MmuINT0027990	chr5	31372060	31372667	+	0.049236
Cad	MmuINT0027991	chr5	31372851	31372940	+	0.033692
Cad	MmuINT0027992	chr5	31373046	31374237	+	0.034074
Cad	MmuINT0027993	chr5	31374478	31374674	+	0.052521
Cad	MmuINT0027994	chr5	31374757	31374929	+	0.103656
Cad	MmuINT0027995	chr5	31375097	31375190	+	0.040084
Cad	MmuINT0027996	chr5	31375356	31375514	+	0.03593
Cad	MmuINT0027998	chr5	31375647	31375863	+	0.130157
Cad	MmuINT0027999	chr5	31376066	31376370	+	0.020333
Cad	MmuINT0028000	chr5	31376562	31376642	+	0.026486



Cad	MmuINT0028001	chr5	31376784	31376966	+	0.03948
Cad	MmuINT0028002	chr5	31377069	31377461	+	0.02784
Cad	MmuINT0028004	chr5	31378227	31378327	+	0.033112
Cad	MmuINT0028005	chr5	31378498	31378590	+	0.046027
Cad	MmuINT0028006	chr5	31378666	31379046	+	0.104984
Cad	MmuINT0028007	chr5	31379260	31379465	+	0.086273
Cad	MmuINT0028009	chr5	31379592	31379723	+	0.027356
Cad	MmuINT0028010	chr5	31379880	31379967	+	0.03925
Cad	MmuINT0028011	chr5	31380070	31380261	+	0.0411
Cad	MmuINT0028012	chr5	31380357	31380465	+	0.028545
Cadm1	MmuINT0028020	chr9	47596201	47597779	+	0.054798
Cadm1	MmuINT0028022	chr9	47605628	47607454	+	0.053951
Cadm1	MmuINT0028027	chr9	47656382	47658354	+	0.059116
Cadm4	MmuINT0028049	chr7	25267182	25284174	+	0.025478
Cadm4	MmuINT0028050	chr7	25284322	25284531	+	0.005466
Cadm4	MmuINT0028051	chr7	25284685	25284942	+	0.009732
Cadm4	MmuINT0028052	chr7	25285078	25285494	+	0.005704
Cadm4	MmuINT0028053	chr7	25285660	25285750	+	0.007
Cadm4	MmuINT0028054	chr7	25285842	25286583	+	0.007298
Cadm4	MmuINT0028055	chr7	25286757	25287684	+	0.007412
Cadm4	MmuINT0028056	chr7	25287814	25288530	+	0.021599
Calcoco1	MmuINT0028161	chr15	1.03E+08	1.03E+08	-	0.004921
Calcoco1	MmuINT0028162	chr15	1.03E+08	1.03E+08	-	0.011823
Calcoco1	MmuINT0028163	chr15	1.03E+08	1.03E+08	-	0.003366
Calcoco1	MmuINT0028164	chr15	1.03E+08	1.03E+08	-	0.028268
Calcoco1	MmuINT0028165	chr15	1.03E+08	1.03E+08	-	0.003919
Calcoco1	MmuINT0028166	chr15	1.03E+08	1.03E+08	-	0.073288
Calcoco1	MmuINT0028167	chr15	1.03E+08	1.03E+08	-	0.001417
Calcoco1	MmuINT0028168	chr15	1.03E+08	1.03E+08	-	0.002786
Calcoco1	MmuINT0028169	chr15	1.03E+08	1.03E+08	-	0.002615
Calcoco1	MmuINT0028170	chr15	1.03E+08	1.03E+08	-	0.00446
Calcoco1	MmuINT0028171	chr15	1.03E+08	1.03E+08	-	0.002696
Calcoco1	MmuINT0028172	chr15	1.03E+08	1.03E+08	-	0.002026
Calcoco1	MmuINT0028173	chr15	1.03E+08	1.03E+08	-	0.006481
Calcoco1	MmuINT0028174	chr15	1.03E+08	1.03E+08	-	0.008672
Calcrl	MmuINT0028198	chr2	84188516	84191335	-	0.029362
Calcrl	MmuINT0028203	chr2	84173836	84178659	-	0.060884
Cald1	MmuINT0028212	chr6	34659698	34691788	+	0.049448
Cald1	MmuINT0028213	chr6	34716199	34721047	+	0.023856
Cald1	MmuINT0028214	chr6	34721129	34723222	+	0.102918
Cald1	MmuINT0028215	chr6	34691936	34695618	+	0.008527
Cald1	MmuINT0028216	chr6	34696016	34703442	+	0.126823
Cald1	MmuINT0028217	chr6	34703589	34705633	+	0.012263
Cald1	MmuINT0028218	chr6	34705899	34707983	+	0.01129
Cald1	MmuINT0028219	chr6	34708125	34712109	+	0.013113
Cald1	MmuINT0028220	chr6	34712154	34712250	+	0.012683
Cald1	MmuINT0028221	chr6	34712330	34714955	+	0.01341
Cald1	MmuINT0028222	chr6	34715094	34716102	+	0.012935
Calhm2	MmuINT0028225	chr19	47207664	47209838	-	0.052319
Calm1	MmuINT0028226	chr12	1.01E+08	1.01E+08	+	0.00381

Calm1	MmuINT0028227	chr12	1.01E+08	1.01E+08	+	0.002782
Calm1	MmuINT0028228	chr12	1.01E+08	1.01E+08	+	0.003946
Calm1	MmuINT0028229	chr12	1.01E+08	1.01E+08	+	0.004707
Calm1	MmuINT0028230	chr12	1.01E+08	1.01E+08	+	0.001859
Calm2	MmuINT0028231	chr17	87842067	87846132	-	0.005525
Calm2	MmuINT0028235	chr17	87833396	87834415	-	0.004797
Calm3	MmuINT0028236	chr7	17505015	17509189	-	0.002227
Calm3	MmuINT0028237	chr7	17503078	17504983	-	0.001728
Calm3	MmuINT0028239	chr7	17502560	17502734	-	0.000611
Calr	MmuINT0028254	chr8	87370251	87370606	-	0.001908
Calr	MmuINT0028255	chr8	87369965	87370148	-	0.005484
Calr	MmuINT0028256	chr8	87368865	87369760	-	0.011716
Calr	MmuINT0028257	chr8	87368683	87368769	-	0.006248
Calr	MmuINT0028258	chr8	87368391	87368472	-	0.001505
Calr	MmuINT0028259	chr8	87368108	87368276	-	0.002518
Calr	MmuINT0028260	chr8	87366936	87367963	-	0.002678
Calr3	MmuINT0028262	chr8	74967396	74967491	-	0.046162
Calr3	MmuINT0028263	chr8	74962535	74967293	-	0.113051
Calr3	MmuINT0028265	chr8	74955461	74958688	-	0.016378
Calr3	MmuINT0028266	chr8	74952065	74955271	-	0.01383
Calr3	MmuINT0028267	chr8	74951193	74951968	-	0.029778
Calr3	MmuINT0028268	chr8	74949759	74951060	-	0.034298
Calr3	MmuINT0028269	chr8	74948655	74949665	-	0.007814
Calu	MmuINT0028278	chr6	29298209	29306470	+	0.001494
Calu	MmuINT0028279	chr6	29306698	29311293	+	0.004088
Calu	MmuINT0028280	chr6	29311488	29316039	+	0.004538
Calu	MmuINT0028281	chr6	29316207	29316916	+	0.001008
Calu	MmuINT0028282	chr6	29316978	29322470	+	0.001061
Calu	MmuINT0028283	chr6	29322671	29324398	+	0.00483
Camk1	MmuINT0028293	chr6	1.13E+08	1.13E+08	-	0.002196
Camk1	MmuINT0028294	chr6	1.13E+08	1.13E+08	-	0.021603
Camk1	MmuINT0028295	chr6	1.13E+08	1.13E+08	-	0.027556
Camk1	MmuINT0028296	chr6	1.13E+08	1.13E+08	-	0.012914
Camk1	MmuINT0028297	chr6	1.13E+08	1.13E+08	-	0.009204
Camk1	MmuINT0028298	chr6	1.13E+08	1.13E+08	-	0.012717
Camk1	MmuINT0028299	chr6	1.13E+08	1.13E+08	-	0.012039
Camk1	MmuINT0028300	chr6	1.13E+08	1.13E+08	-	0.005572
Camk1	MmuINT0028301	chr6	1.13E+08	1.13E+08	-	0.009199
Camk1	MmuINT0028302	chr6	1.13E+08	1.13E+08	-	0.003816
Camk1	MmuINT0028303	chr6	1.13E+08	1.13E+08	-	0.005715
Camk2a	MmuINT0028328	chr18	61129697	61137593	+	0.024586
Camk2a	MmuINT0028329	chr18	61137670	61139713	+	0.022749
Camk2a	MmuINT0028330	chr18	61139809	61143979	+	0.032911
Camk2a	MmuINT0028331	chr18	61144209	61144430	+	0.005875
Camk2b	MmuINT0028353	chr11	5871830	5872219	-	0.058955
Camk2d	MmuINT0028373	chr3	1.27E+08	1.27E+08	+	0.470951
Camk2d	MmuINT0028377	chr3	1.26E+08	1.26E+08	+	0.003164
Camk2d	MmuINT0028378	chr3	1.26E+08	1.27E+08	+	0.002276
Camk2d	MmuINT0028379	chr3	1.27E+08	1.27E+08	+	0.003096
Camk2d	MmuINT0028380	chr3	1.27E+08	1.27E+08	+	0.002818

Camk2d	MmuINT0028381	chr3	1.27E+08	1.27E+08	+	0.120435
Camk2d	MmuINT0028382	chr3	1.27E+08	1.27E+08	+	0.00352
Camk2d	MmuINT0028383	chr3	1.27E+08	1.27E+08	+	0.004531
Camk2d	MmuINT0028384	chr3	1.27E+08	1.27E+08	+	0.007308
Camk2d	MmuINT0028385	chr3	1.27E+08	1.27E+08	+	0.131545
Camk2d	MmuINT0028386	chr3	1.26E+08	1.26E+08	+	0.007
Camk2d	MmuINT0028387	chr3	1.26E+08	1.26E+08	+	0.003214
Camk2d	MmuINT0028388	chr3	1.26E+08	1.26E+08	+	0.002403
Camk2d	MmuINT0028389	chr3	1.26E+08	1.26E+08	+	0.003054
Camk2d	MmuINT0028390	chr3	1.26E+08	1.26E+08	+	0.008689
Camk2d	MmuINT0028391	chr3	1.26E+08	1.26E+08	+	0.002408
Camk2d	MmuINT0028392	chr3	1.26E+08	1.26E+08	+	0.003035
Camk2d	MmuINT0028393	chr3	1.26E+08	1.26E+08	+	0.001984
Camk2g	MmuINT0028394	chr14	21611836	21613122	-	0.008341
Camk2g	MmuINT0028395	chr14	21579703	21583367	-	0.00812
Camk2g	MmuINT0028396	chr14	21579409	21579618	-	0.005761
Camk2g	MmuINT0028397	chr14	21574925	21579365	-	0.026789
Camk2g	MmuINT0028398	chr14	21565083	21574880	-	0.100198
Camk2g	MmuINT0028399	chr14	21563871	21565013	-	0.10201
Camk2g	MmuINT0028400	chr14	21561976	21563825	-	0.008229
Camk2g	MmuINT0028401	chr14	21558625	21561926	-	0.029259
Camk2g	MmuINT0028402	chr14	21558166	21558548	-	0.005537
Camk2g	MmuINT0028403	chr14	21556726	21558070	-	0.095443
Camk2g	MmuINT0028404	chr14	21556075	21556480	-	0.044898
Camk2g	MmuINT0028405	chr14	21598486	21611740	-	0.008271
Camk2g	MmuINT0028406	chr14	21590284	21598425	-	0.005906
Camk2g	MmuINT0028407	chr14	21589352	21590228	-	0.007293
Camk2g	MmuINT0028408	chr14	21585448	21589285	-	0.015184
Camk2g	MmuINT0028409	chr14	21585237	21585374	-	0.00812
Camk2g	MmuINT0028410	chr14	21584702	21585133	-	0.008889
Camk2g	MmuINT0028411	chr14	21584178	21584617	-	0.023007
Camk2g	MmuINT0028412	chr14	21583491	21584082	-	0.036878
Camk2n1	MmuINT0028416	chr4	1.38E+08	1.38E+08	+	0.006458
Camkk2	MmuINT0028443	chr5	1.23E+08	1.23E+08	-	0.179734
Camkk2	MmuINT0028444	chr5	1.23E+08	1.23E+08	-	0.060583
Camkk2	MmuINT0028445	chr5	1.23E+08	1.23E+08	-	0.072316
Camkk2	MmuINT0028446	chr5	1.23E+08	1.23E+08	-	0.040406
Camkk2	MmuINT0028447	chr5	1.23E+08	1.23E+08	-	0.067247
Camkk2	MmuINT0028448	chr5	1.23E+08	1.23E+08	-	0.255499
Camkk2	MmuINT0028449	chr5	1.23E+08	1.23E+08	-	0.057585
Camkk2	MmuINT0028450	chr5	1.23E+08	1.23E+08	-	0.119309
Camkk2	MmuINT0028451	chr5	1.23E+08	1.23E+08	-	0.144453
Camkk2	MmuINT0028452	chr5	1.23E+08	1.23E+08	-	0.032569
Camkk2	MmuINT0028453	chr5	1.23E+08	1.23E+08	-	0.043684
Camkk2	MmuINT0028454	chr5	1.23E+08	1.23E+08	-	0.039834
Camkk2	MmuINT0028455	chr5	1.23E+08	1.23E+08	-	0.047625
Camkk2	MmuINT0028456	chr5	1.23E+08	1.23E+08	-	0.056607
CamI	MmuINT0028467	chr13	55724618	55726071	+	0.022361
CamI	MmuINT0028468	chr13	55726533	55729937	+	0.252834
CamI	MmuINT0028469	chr13	55730004	55733169	+	0.053097

Camsap1	MmuINT0028473	chr2	25822469	25838301	-	0.002766
Camsap1	MmuINT0028474	chr2	25795834	25796384	-	0.023898
Camsap1	MmuINT0028476	chr2	25791579	25792034	-	0.009888
Camsap1	MmuINT0028477	chr2	25791082	25791369	-	0.4475
Camsap1	MmuINT0028478	chr2	25789856	25790981	-	0.013511
Camsap1	MmuINT0028481	chr2	25821345	25822205	-	0.021515
Camsap1	MmuINT0028484	chr2	25800794	25808197	-	0.005434
Camsap1	MmuINT0028485	chr2	25800559	25800653	-	0.010959
Camsap1	MmuINT0028486	chr2	25800124	25800461	-	0.016418
Camsap1	MmuINT0028488	chr2	25796470	25796897	-	0.024936
Camsap1l1	MmuINT0028489	chr1	1.38E+08	1.38E+08	-	0.025949
Camsap1l1	MmuINT0028490	chr1	1.38E+08	1.38E+08	-	0.041845
Camsap1l1	MmuINT0028491	chr1	1.38E+08	1.38E+08	-	0.039378
Camsap1l1	MmuINT0028492	chr1	1.38E+08	1.38E+08	-	0.032365
Camsap1l1	MmuINT0028493	chr1	1.38E+08	1.38E+08	-	0.014281
Camsap1l1	MmuINT0028494	chr1	1.38E+08	1.38E+08	-	0.0126
Camsap1l1	MmuINT0028495	chr1	1.38E+08	1.38E+08	-	0.121733
Camsap1l1	MmuINT0028496	chr1	1.38E+08	1.38E+08	-	0.030654
Camsap1l1	MmuINT0028497	chr1	1.38E+08	1.38E+08	-	0.071403
Camsap1l1	MmuINT0028498	chr1	1.38E+08	1.38E+08	-	0.018961
Camsap1l1	MmuINT0028499	chr1	1.38E+08	1.38E+08	-	0.041068
Camsap1l1	MmuINT0028500	chr1	1.38E+08	1.38E+08	-	0.039377
Camsap1l1	MmuINT0028504	chr1	1.38E+08	1.38E+08	-	0.030713
Camsap1l1	MmuINT0028505	chr1	1.38E+08	1.38E+08	-	0.057367
Camsap1l1	MmuINT0028506	chr1	1.38E+08	1.38E+08	-	0.033044
Camta1	MmuINT0028510	chr4	1.51E+08	1.51E+08	-	0.022854
Camta1	MmuINT0028511	chr4	1.5E+08	1.51E+08	-	0.264314
Camta1	MmuINT0028512	chr4	1.5E+08	1.5E+08	-	0.04136
Camta1	MmuINT0028513	chr4	1.5E+08	1.5E+08	-	0.005134
Camta1	MmuINT0028514	chr4	1.5E+08	1.5E+08	-	0.008227
Camta1	MmuINT0028515	chr4	1.5E+08	1.5E+08	-	0.003694
Camta1	MmuINT0028516	chr4	1.5E+08	1.5E+08	-	0.003809
Camta1	MmuINT0028517	chr4	1.5E+08	1.5E+08	-	0.006248
Camta1	MmuINT0028518	chr4	1.5E+08	1.5E+08	-	0.174478
Camta1	MmuINT0028519	chr4	1.5E+08	1.5E+08	-	0.144588
Camta1	MmuINT0028521	chr4	1.5E+08	1.5E+08	-	0.006684
Camta1	MmuINT0028524	chr4	1.51E+08	1.51E+08	-	0.056825
Camta2	MmuINT0028533	chr11	70491921	70493028	-	0.048183
Camta2	MmuINT0028534	chr11	70490018	70491785	-	0.014608
Camta2	MmuINT0028535	chr11	70489240	70489901	-	0.007158
Camta2	MmuINT0028536	chr11	70488737	70489054	-	0.010594
Camta2	MmuINT0028537	chr11	70488337	70488657	-	0.01131
Camta2	MmuINT0028538	chr11	70487758	70488113	-	0.013095
Camta2	MmuINT0028539	chr11	70485583	70487455	-	0.015266
Camta2	MmuINT0028540	chr11	70485136	70485385	-	0.006747
Camta2	MmuINT0028541	chr11	70484582	70484951	-	0.01431
Camta2	MmuINT0028543	chr11	70499669	70499848	-	0.011263
Camta2	MmuINT0028545	chr11	70483923	70484050	-	0.01239
Camta2	MmuINT0028546	chr11	70483765	70483847	-	0.012835
Camta2	MmuINT0028547	chr11	70497675	70499564	-	0.065448

Camta2	MmuINT0028548	chr11	70497528	70497606	-	0.007293
Camta2	MmuINT0028549	chr11	70496550	70496780	-	0.013719
Camta2	MmuINT0028550	chr11	70496098	70496395	-	0.006222
Camta2	MmuINT0028551	chr11	70495271	70495962	-	0.006797
Camta2	MmuINT0028552	chr11	70493156	70494326	-	0.010378
Cand1	MmuINT0028556	chr10	1.19E+08	1.19E+08	-	0.015503
Cand1	MmuINT0028557	chr10	1.19E+08	1.19E+08	-	0.017798
Cand1	MmuINT0028558	chr10	1.19E+08	1.19E+08	-	0.010227
Cand1	MmuINT0028559	chr10	1.19E+08	1.19E+08	-	0.011018
Cand1	MmuINT0028560	chr10	1.19E+08	1.19E+08	-	0.012245
Cand1	MmuINT0028561	chr10	1.19E+08	1.19E+08	-	0.022344
Cand1	MmuINT0028563	chr10	1.19E+08	1.19E+08	-	0.015183
Cand1	MmuINT0028564	chr10	1.19E+08	1.19E+08	-	0.018229
Cand1	MmuINT0028565	chr10	1.19E+08	1.19E+08	-	0.014446
Cand1	MmuINT0028566	chr10	1.19E+08	1.19E+08	-	0.016896
Cand1	MmuINT0028568	chr10	1.19E+08	1.19E+08	-	0.013788
Cand1	MmuINT0028569	chr10	1.19E+08	1.19E+08	-	0.01235
Cand2	MmuINT0028570	chr6	1.16E+08	1.16E+08	+	0.00646
Cand2	MmuINT0028571	chr6	1.16E+08	1.16E+08	+	0.013937
Cand2	MmuINT0028572	chr6	1.16E+08	1.16E+08	+	0.002251
Cand2	MmuINT0028573	chr6	1.16E+08	1.16E+08	+	0.001973
Cand2	MmuINT0028574	chr6	1.16E+08	1.16E+08	+	0.003516
Cand2	MmuINT0028575	chr6	1.16E+08	1.16E+08	+	0.004581
Cand2	MmuINT0028576	chr6	1.16E+08	1.16E+08	+	0.0032
Cand2	MmuINT0028577	chr6	1.16E+08	1.16E+08	+	0.002581
Cand2	MmuINT0028578	chr6	1.16E+08	1.16E+08	+	0.005559
Cand2	MmuINT0028579	chr6	1.16E+08	1.16E+08	+	0.004602
Cand2	MmuINT0028580	chr6	1.16E+08	1.16E+08	+	0.002864
Cand2	MmuINT0028581	chr6	1.16E+08	1.16E+08	+	0.002683
Cand2	MmuINT0028582	chr6	1.16E+08	1.16E+08	+	0.019488
Cand2	MmuINT0028583	chr6	1.16E+08	1.16E+08	+	0.007662
Cant1	MmuINT0028584	chr11	1.18E+08	1.18E+08	-	0.950784
Cant1	MmuINT0028585	chr11	1.18E+08	1.18E+08	-	0.099047
Cant1	MmuINT0028586	chr11	1.18E+08	1.18E+08	-	0.009792
Canx	MmuINT0028587	chr11	50112847	50114399	-	0.004221
Canx	MmuINT0028588	chr11	50111739	50112630	-	0.001983
Canx	MmuINT0028589	chr11	50110897	50111618	-	0.000853
Canx	MmuINT0028590	chr11	50110640	50110775	-	0.026049
Canx	MmuINT0028591	chr11	50109838	50110559	-	0.00372
Canx	MmuINT0028592	chr11	50124370	50125105	-	0.001508
Canx	MmuINT0028593	chr11	50123933	50124295	-	0.001688
Canx	MmuINT0028594	chr11	50122432	50123873	-	0.001607
Canx	MmuINT0028595	chr11	50121894	50122289	-	0.001526
Canx	MmuINT0028596	chr11	50121165	50121811	-	0.00148
Canx	MmuINT0028597	chr11	50118018	50120971	-	0.001387
Canx	MmuINT0028598	chr11	50115374	50117827	-	0.004193
Canx	MmuINT0028599	chr11	50114557	50115259	-	0.001054
Cap1	MmuINT0028601	chr4	1.23E+08	1.23E+08	-	0.153192
Cap1	MmuINT0028602	chr4	1.23E+08	1.23E+08	-	0.004041
Cap1	MmuINT0028604	chr4	1.23E+08	1.23E+08	-	0.246831

Cap1	MmuINT0028605	chr4	1.23E+08	1.23E+08	-	0.019555
Cap1	MmuINT0028606	chr4	1.23E+08	1.23E+08	-	0.041664
Cap1	MmuINT0028607	chr4	1.23E+08	1.23E+08	-	0.015703
Cap1	MmuINT0028608	chr4	1.23E+08	1.23E+08	-	0.013854
Cap1	MmuINT0028609	chr4	1.23E+08	1.23E+08	-	0.046067
Cap1	MmuINT0028610	chr4	1.23E+08	1.23E+08	-	0.015377
Cap1	MmuINT0028611	chr4	1.23E+08	1.23E+08	-	0.033471
Cap1	MmuINT0028612	chr4	1.23E+08	1.23E+08	-	0.033148
Cap2	MmuINT0028613	chr13	46597581	46620783	+	0.002194
Cap2	MmuINT0028614	chr13	46735316	46735408	+	0.001342
Cap2	MmuINT0028615	chr13	46735492	46741894	+	0.003952
Cap2	MmuINT0028616	chr13	46742036	46743649	+	0.002584
Cap2	MmuINT0028617	chr13	46620906	46626345	+	0.00217
Cap2	MmuINT0028618	chr13	46626447	46655872	+	0.001926
Cap2	MmuINT0028619	chr13	46655951	46704964	+	0.001575
Cap2	MmuINT0028620	chr13	46705109	46705432	+	0.002394
Cap2	MmuINT0028621	chr13	46705519	46710618	+	0.002347
Cap2	MmuINT0028622	chr13	46710725	46730989	+	0.001708
Cap2	MmuINT0028623	chr13	46731180	46733217	+	0.001405
Cap2	MmuINT0028624	chr13	46733391	46735191	+	0.001179
Capg	MmuINT0028627	chr6	72505303	72505470	+	0.04397
Capg	MmuINT0028628	chr6	72505644	72505744	+	0.060176
Capg	MmuINT0028629	chr6	72505900	72506078	+	0.016843
Capg	MmuINT0028630	chr6	72506247	72507704	+	0.008263
Capg	MmuINT0028631	chr6	72507855	72508158	+	0.026403
Capg	MmuINT0028632	chr6	72508252	72508732	+	0.018533
Capg	MmuINT0028633	chr6	72508866	72511021	+	0.03233
Capg	MmuINT0028634	chr6	72511111	72512803	+	0.062755
Capn1	MmuINT0028635	chr19	6014469	6015735	-	0.073438
Capn1	MmuINT0028636	chr19	5997867	6007251	-	0.007164
Capn1	MmuINT0028637	chr19	5996791	5997690	-	0.008101
Capn1	MmuINT0028638	chr19	5994888	5996778	-	0.023101
Capn1	MmuINT0028639	chr19	5994600	5994678	-	0.02919
Capn1	MmuINT0028640	chr19	5994087	5994559	-	0.012628
Capn1	MmuINT0028641	chr19	5993932	5994020	-	0.014418
Capn1	MmuINT0028642	chr19	5992415	5993873	-	0.020722
Capn1	MmuINT0028643	chr19	5991925	5992349	-	0.02023
Capn1	MmuINT0028644	chr19	5991618	5991855	-	0.012963
Capn1	MmuINT0028645	chr19	5990455	5991538	-	0.029002
Capn1	MmuINT0028646	chr19	6014066	6014200	-	0.016826
Capn1	MmuINT0028647	chr19	5990051	5990337	-	0.034091
Capn1	MmuINT0028648	chr19	5989388	5989991	-	0.012314
Capn1	MmuINT0028649	chr19	6013708	6013995	-	0.013805
Capn1	MmuINT0028650	chr19	6011431	6013588	-	0.015174
Capn1	MmuINT0028651	chr19	6011184	6011296	-	0.013826
Capn1	MmuINT0028652	chr19	6009171	6011014	-	0.009766
Capn1	MmuINT0028653	chr19	6008762	6009086	-	0.012077
Capn1	MmuINT0028654	chr19	6007575	6008675	-	0.011587
Capn1	MmuINT0028655	chr19	6007413	6007499	-	0.011268
Capn10	MmuINT0028657	chr1	94843551	94843791	+	0.120659

Capn10	MmuINT0028658	chr1	94843838	94844085	+	0.055167
Capn10	MmuINT0028659	chr1	94834654	94835899	+	0.034562
Capn10	MmuINT0028660	chr1	94836097	94836859	+	0.043987
Capn10	MmuINT0028661	chr1	94837078	94839058	+	0.172188
Capn10	MmuINT0028662	chr1	94839201	94839876	+	0.087647
Capn10	MmuINT0028663	chr1	94840044	94840255	+	0.041192
Capn10	MmuINT0028664	chr1	94840519	94841271	+	0.03387
Capn10	MmuINT0028665	chr1	94841475	94841593	+	0.034637
Capn10	MmuINT0028666	chr1	94841856	94843350	+	0.074363
Capn2	MmuINT0028730	chr1	1.84E+08	1.84E+08	-	0.008782
Capn2	MmuINT0028731	chr1	1.84E+08	1.84E+08	-	0.006611
Capn2	MmuINT0028732	chr1	1.84E+08	1.84E+08	-	0.045193
Capn2	MmuINT0028733	chr1	1.84E+08	1.84E+08	-	0.031402
Capn2	MmuINT0028734	chr1	1.84E+08	1.84E+08	-	0.006615
Capn2	MmuINT0028735	chr1	1.84E+08	1.84E+08	-	0.005784
Capn2	MmuINT0028736	chr1	1.84E+08	1.84E+08	-	0.008857
Capn2	MmuINT0028737	chr1	1.84E+08	1.84E+08	-	0.007363
Capn2	MmuINT0028738	chr1	1.84E+08	1.84E+08	-	0.007874
Capn2	MmuINT0028739	chr1	1.84E+08	1.84E+08	-	0.014406
Capn2	MmuINT0028740	chr1	1.84E+08	1.84E+08	-	0.011081
Capn2	MmuINT0028741	chr1	1.84E+08	1.84E+08	-	0.006072
Capn2	MmuINT0028742	chr1	1.84E+08	1.84E+08	-	0.010603
Capn2	MmuINT0028743	chr1	1.84E+08	1.84E+08	-	0.005924
Capn2	MmuINT0028744	chr1	1.84E+08	1.84E+08	-	0.010515
Capn2	MmuINT0028745	chr1	1.84E+08	1.84E+08	-	0.034
Capn2	MmuINT0028746	chr1	1.84E+08	1.84E+08	-	0.006379
Capn2	MmuINT0028747	chr1	1.84E+08	1.84E+08	-	0.005014
Capn2	MmuINT0028748	chr1	1.84E+08	1.84E+08	-	0.003802
Capn2	MmuINT0028749	chr1	1.84E+08	1.84E+08	-	0.009027
Capn3	MmuINT0028756	chr2	1.2E+08	1.2E+08	+	0.336603
Capn7	MmuINT0028800	chr14	32150170	32153220	+	0.012911
Capn7	MmuINT0028801	chr14	32171939	32172392	+	0.006596
Capn7	MmuINT0028802	chr14	32172500	32173310	+	0.005669
Capn7	MmuINT0028803	chr14	32173432	32176664	+	0.063818
Capn7	MmuINT0028804	chr14	32176810	32177633	+	0.008492
Capn7	MmuINT0028805	chr14	32177734	32178641	+	0.00514
Capn7	MmuINT0028806	chr14	32178778	32179353	+	0.008831
Capn7	MmuINT0028807	chr14	32179430	32181241	+	0.014324
Capn7	MmuINT0028808	chr14	32181388	32182383	+	0.019595
Capn7	MmuINT0028809	chr14	32182447	32182906	+	0.02759
Capn7	MmuINT0028810	chr14	32183038	32183887	+	0.03028
Capn7	MmuINT0028811	chr14	32153330	32157627	+	0.006789
Capn7	MmuINT0028812	chr14	32183981	32184063	+	0.050512
Capn7	MmuINT0028813	chr14	32157786	32158644	+	0.009671
Capn7	MmuINT0028814	chr14	32158713	32160843	+	0.005326
Capn7	MmuINT0028815	chr14	32161045	32162984	+	0.015512
Capn7	MmuINT0028816	chr14	32163072	32165552	+	0.009438
Capn7	MmuINT0028817	chr14	32165680	32167280	+	0.006822
Capn7	MmuINT0028818	chr14	32167367	32168450	+	0.007636
Capn7	MmuINT0028819	chr14	32168545	32171791	+	0.005267

Capns1	MmuINT0028860	chr7	30979121	30980024	-	0.018359
Capns1	MmuINT0028861	chr7	30972553	30972689	-	0.000856
Capns1	MmuINT0028862	chr7	30977920	30978896	-	0.011419
Capns1	MmuINT0028863	chr7	30977612	30977885	-	0.002117
Capns1	MmuINT0028864	chr7	30977397	30977521	-	0.007958
Capns1	MmuINT0028865	chr7	30977246	30977338	-	0.00708
Capns1	MmuINT0028866	chr7	30975747	30977180	-	0.001132
Capns1	MmuINT0028867	chr7	30975577	30975677	-	0.004451
Capns1	MmuINT0028869	chr7	30972749	30975070	-	0.002384
Caprin1	MmuINT0028870	chr2	1.04E+08	1.04E+08	-	0.009196
Caprin1	MmuINT0028871	chr2	1.04E+08	1.04E+08	-	0.011605
Caprin1	MmuINT0028872	chr2	1.04E+08	1.04E+08	-	0.00219
Caprin1	MmuINT0028873	chr2	1.04E+08	1.04E+08	-	0.001892
Caprin1	MmuINT0028874	chr2	1.04E+08	1.04E+08	-	0.005808
Caprin1	MmuINT0028875	chr2	1.04E+08	1.04E+08	-	0.003744
Caprin1	MmuINT0028876	chr2	1.04E+08	1.04E+08	-	0.003734
Caprin1	MmuINT0028877	chr2	1.04E+08	1.04E+08	-	0.004233
Caprin1	MmuINT0028878	chr2	1.04E+08	1.04E+08	-	0.003509
Caprin1	MmuINT0028879	chr2	1.04E+08	1.04E+08	-	0.001681
Caprin1	MmuINT0028880	chr2	1.04E+08	1.04E+08	-	0.002747
Caprin1	MmuINT0028881	chr2	1.04E+08	1.04E+08	-	0.002375
Caprin1	MmuINT0028882	chr2	1.04E+08	1.04E+08	-	0.003163
Caprin1	MmuINT0028883	chr2	1.04E+08	1.04E+08	-	0.003802
Caprin2	MmuINT0028884	chr6	1.49E+08	1.49E+08	-	0.498296
Caprin2	MmuINT0028885	chr6	1.49E+08	1.49E+08	-	0.035556
Caprin2	MmuINT0028886	chr6	1.49E+08	1.49E+08	-	0.035821
Caprin2	MmuINT0028887	chr6	1.49E+08	1.49E+08	-	0.043677
Caprin2	MmuINT0028888	chr6	1.49E+08	1.49E+08	-	0.055952
Caprin2	MmuINT0028889	chr6	1.49E+08	1.49E+08	-	0.038807
Caprin2	MmuINT0028890	chr6	1.49E+08	1.49E+08	-	0.028435
Caprin2	MmuINT0028891	chr6	1.49E+08	1.49E+08	-	0.043053
Caprin2	MmuINT0028892	chr6	1.49E+08	1.49E+08	-	0.037085
Caprin2	MmuINT0028893	chr6	1.49E+08	1.49E+08	-	0.041273
Caprin2	MmuINT0028894	chr6	1.49E+08	1.49E+08	-	0.046025
Caprin2	MmuINT0028896	chr6	1.49E+08	1.49E+08	-	0.040204
Caprin2	MmuINT0028897	chr6	1.49E+08	1.49E+08	-	0.035709
Caprin2	MmuINT0028898	chr6	1.49E+08	1.49E+08	-	0.039532
Caprin2	MmuINT0028899	chr6	1.49E+08	1.49E+08	-	0.045837
Caprin2	MmuINT0028900	chr6	1.49E+08	1.49E+08	-	0.03939
Caprin2	MmuINT0028901	chr6	1.49E+08	1.49E+08	-	0.036303
Capza2	MmuINT0028931	chr6	17587161	17598519	+	0.002857
Capza2	MmuINT0028932	chr6	17598584	17600002	+	0.002155
Capza2	MmuINT0028933	chr6	17600055	17604105	+	0.002589
Capza2	MmuINT0028934	chr6	17604170	17606237	+	0.001442
Capza2	MmuINT0028935	chr6	17606445	17607172	+	0.003337
Capza2	MmuINT0028936	chr6	17607253	17610748	+	0.006319
Capza2	MmuINT0028937	chr6	17610828	17612097	+	0.002167
Capza2	MmuINT0028938	chr6	17612170	17615050	+	0.005521
Capza2	MmuINT0028939	chr6	17615114	17615294	+	0.001516
Capzb	MmuINT0028942	chr4	1.39E+08	1.39E+08	+	0.000759



Capzb	MmuINT0028943	chr4	1.39E+08	1.39E+08	+	0.000773
Capzb	MmuINT0028944	chr4	1.39E+08	1.39E+08	+	0.000775
Capzb	MmuINT0028945	chr4	1.39E+08	1.39E+08	+	0.000588
Capzb	MmuINT0028946	chr4	1.39E+08	1.39E+08	+	0.006596
Capzb	MmuINT0028947	chr4	1.39E+08	1.39E+08	+	0.001431
Capzb	MmuINT0028948	chr4	1.39E+08	1.39E+08	+	0.1347
Car11	MmuINT0028963	chr7	52955871	52956593	+	0.178453
Car11	MmuINT0028964	chr7	52956737	52957803	+	0.0448
Car11	MmuINT0028965	chr7	52957990	52958202	+	0.031693
Car11	MmuINT0028966	chr7	52958299	52958431	+	0.23442
Car11	MmuINT0028967	chr7	52958505	52958828	+	0.149414
Car11	MmuINT0028968	chr7	52958984	52959082	+	0.039839
Car11	MmuINT0028969	chr7	52959249	52959858	+	0.296711
Car14	MmuINT0028986	chr3	95706055	95708242	-	0.003604
Car14	MmuINT0028987	chr3	95705196	95706033	-	0.34498
Car14	MmuINT0028988	chr3	95704309	95705015	-	0.015908
Car14	MmuINT0028989	chr3	95703950	95704165	-	0.03231
Car14	MmuINT0028990	chr3	95703730	95703853	-	0.017546
Car14	MmuINT0028991	chr3	95703512	95703662	-	0.013191
Car14	MmuINT0028992	chr3	95703268	95703353	-	0.033556
Car14	MmuINT0028993	chr3	95702921	95703146	-	0.055551
Car14	MmuINT0028994	chr3	95702809	95702899	-	0.026388
Car15	MmuINT0028995	chr16	17837960	17838133	-	0.70128
Car15	MmuINT0028996	chr16	17837565	17837923	-	0.952263
Car15	MmuINT0028997	chr16	17836972	17837393	-	0.581878
Car15	MmuINT0028998	chr16	17836729	17836810	-	0.238474
Car15	MmuINT0028999	chr16	17836052	17836635	-	0.527279
Car15	MmuINT0029000	chr16	17835896	17835984	-	0.112359
Car15	MmuINT0029001	chr16	17835633	17835728	-	0.069778
Car2	MmuINT0029002	chr3	14886787	14887833	+	0.026004
Car2	MmuINT0029003	chr3	14888032	14895021	+	0.033826
Car2	MmuINT0029004	chr3	14895141	14895534	+	0.048801
Car2	MmuINT0029005	chr3	14895628	14896699	+	0.064423
Car2	MmuINT0029006	chr3	14896763	14897913	+	0.038911
Car2	MmuINT0029007	chr3	14898070	14899970	+	0.023161
Car4	MmuINT0029014	chr11	84771444	84775887	+	0.257787
Car4	MmuINT0029015	chr11	84775942	84776839	+	0.124739
Car4	MmuINT0029016	chr11	84776996	84777594	+	0.180955
Car4	MmuINT0029017	chr11	84777741	84777849	+	0.093156
Car4	MmuINT0029018	chr11	84777931	84778036	+	0.080271
Car4	MmuINT0029019	chr11	84778104	84778214	+	0.034541
Car4	MmuINT0029020	chr11	84778379	84779112	+	0.059042
Car7	MmuINT0029044	chr8	1.07E+08	1.07E+08	+	0.060512
Car7	MmuINT0029045	chr8	1.07E+08	1.07E+08	+	0.029245
Car8	MmuINT0029047	chr4	8148822	8165065	-	0.010179
Car8	MmuINT0029048	chr4	8116540	8148696	-	0.023073
Car8	MmuINT0029049	chr4	8112786	8116443	-	0.018089
Car8	MmuINT0029050	chr4	8111780	8112722	-	0.022388
Car8	MmuINT0029051	chr4	8110513	8111730	-	0.017596
Car8	MmuINT0029052	chr4	8096913	8110399	-	0.012053

Car8	MmuINT0029053	chr4	8073364	8096742	-	0.020077
Card10	MmuINT0029065	chr15	78618305	78619151	-	0.020805
Card10	MmuINT0029066	chr15	78617910	78618275	-	0.0573
Card10	MmuINT0029067	chr15	78612065	78617785	-	0.019404
Card10	MmuINT0029068	chr15	78611615	78611904	-	0.287786
Card10	MmuINT0029069	chr15	78611151	78611502	-	0.26684
Card10	MmuINT0029070	chr15	78610742	78610906	-	0.066182
Card10	MmuINT0029071	chr15	78609919	78610671	-	0.022477
Card10	MmuINT0029072	chr15	78608787	78609824	-	0.059149
Card10	MmuINT0029073	chr15	78608505	78608627	-	0.012905
Card10	MmuINT0029074	chr15	78608008	78608388	-	0.032943
Card10	MmuINT0029075	chr15	78632201	78632810	-	0.01978
Card10	MmuINT0029076	chr15	78607261	78607894	-	0.026244
Card10	MmuINT0029077	chr15	78629852	78632062	-	0.020398
Card10	MmuINT0029078	chr15	78625831	78629525	-	0.06827
Card10	MmuINT0029079	chr15	78624439	78625638	-	0.015023
Card10	MmuINT0029080	chr15	78623442	78624282	-	0.014755
Card10	MmuINT0029081	chr15	78621663	78623315	-	0.01622
Card10	MmuINT0029082	chr15	78620287	78621470	-	0.021436
Card10	MmuINT0029083	chr15	78619268	78620160	-	0.019546
Card14	MmuINT0029120	chr11	1.19E+08	1.19E+08	+	0.965558
Card6	MmuINT0029129	chr15	5055437	5058087	-	0.055822
Card9	MmuINT0029137	chr2	26212404	26212704	-	0.157115
Carf	MmuINT0029142	chr1	60155152	60162154	+	0.713851
Carf	MmuINT0029143	chr1	60196188	60198178	+	0.085173
Carf	MmuINT0029145	chr1	60201001	60202952	+	0.064956
Carf	MmuINT0029146	chr1	60203017	60204211	+	0.057377
Carf	MmuINT0029147	chr1	60204325	60204676	+	0.057075
Carf	MmuINT0029148	chr1	60205047	60207424	+	0.092537
Carf	MmuINT0029149	chr1	60162272	60164926	+	0.064035
Carf	MmuINT0029153	chr1	60182879	60184832	+	0.059105
Carf	MmuINT0029154	chr1	60184918	60188687	+	0.055142
Carf	MmuINT0029155	chr1	60188878	60193107	+	0.046265
Carf	MmuINT0029156	chr1	60193229	60196043	+	0.066437
Carkd	MmuINT0029160	chr8	11502773	11504884	+	0.010136
Carkd	MmuINT0029161	chr8	11504931	11505430	+	0.013897
Carkd	MmuINT0029162	chr8	11505520	11506706	+	0.005081
Carkd	MmuINT0029163	chr8	11506816	11509321	+	0.056947
Carkd	MmuINT0029164	chr8	11509373	11509452	+	0.049574
Carkd	MmuINT0029165	chr8	11509558	11510226	+	0.037138
Carkd	MmuINT0029166	chr8	11510348	11511876	+	0.031468
Carkd	MmuINT0029167	chr8	11511998	11512894	+	0.055475
Carm1	MmuINT0029171	chr9	21351675	21373898	+	0.008744
Carm1	MmuINT0029172	chr9	21390979	21391344	+	0.005677
Carm1	MmuINT0029173	chr9	21391483	21391568	+	0.013436
Carm1	MmuINT0029174	chr9	21391659	21391734	+	0.012156
Carm1	MmuINT0029175	chr9	21391848	21391951	+	0.013122
Carm1	MmuINT0029176	chr9	21392030	21392492	+	0.607196
Carm1	MmuINT0029177	chr9	21374025	21378930	+	0.007744
Carm1	MmuINT0029178	chr9	21379038	21379857	+	0.019222

Carm1	MmuINT0029179	chr9	21379963	21383842	+	0.007952
Carm1	MmuINT0029180	chr9	21383954	21384752	+	0.007314
Carm1	MmuINT0029181	chr9	21384931	21387482	+	0.008801
Carm1	MmuINT0029182	chr9	21387574	21387954	+	0.014237
Carm1	MmuINT0029183	chr9	21388037	21390610	+	0.010776
Carm1	MmuINT0029184	chr9	21390697	21390888	+	0.011354
Carns1	MmuINT0029185	chr19	4175032	4175393	-	0.06916
Carns1	MmuINT0029186	chr19	4173221	4175004	-	0.042798
Carns1	MmuINT0029187	chr19	4172236	4172958	-	0.546844
Carns1	MmuINT0029188	chr19	4171900	4172145	-	0.116392
Carns1	MmuINT0029189	chr19	4171171	4171411	-	0.392644
Carns1	MmuINT0029190	chr19	4170912	4170995	-	0.562335
Carns1	MmuINT0029191	chr19	4170131	4170825	-	0.76734
Carns1	MmuINT0029192	chr19	4169809	4169898	-	0.020719
Carns1	MmuINT0029193	chr19	4166565	4169527	-	0.120741
Cars	MmuINT0029195	chr7	1.51E+08	1.51E+08	-	0.019667
Cars	MmuINT0029196	chr7	1.51E+08	1.51E+08	-	0.022587
Cars	MmuINT0029197	chr7	1.51E+08	1.51E+08	-	0.067717
Cars	MmuINT0029198	chr7	1.51E+08	1.51E+08	-	0.024195
Cars	MmuINT0029199	chr7	1.51E+08	1.51E+08	-	0.013638
Cars	MmuINT0029200	chr7	1.51E+08	1.51E+08	-	0.012845
Cars	MmuINT0029201	chr7	1.51E+08	1.51E+08	-	0.012217
Cars	MmuINT0029202	chr7	1.51E+08	1.51E+08	-	0.027855
Cars	MmuINT0029203	chr7	1.51E+08	1.51E+08	-	0.017599
Cars	MmuINT0029204	chr7	1.51E+08	1.51E+08	-	0.02663
Cars	MmuINT0029206	chr7	1.51E+08	1.51E+08	-	0.060453
Cars	MmuINT0029207	chr7	1.51E+08	1.51E+08	-	0.03489
Cars	MmuINT0029208	chr7	1.51E+08	1.51E+08	-	0.010853
Cars	MmuINT0029209	chr7	1.51E+08	1.51E+08	-	0.033938
Cars	MmuINT0029210	chr7	1.51E+08	1.51E+08	-	0.019992
Cars	MmuINT0029211	chr7	1.51E+08	1.51E+08	-	0.016489
Cars	MmuINT0029212	chr7	1.51E+08	1.51E+08	-	0.016326
Cars	MmuINT0029213	chr7	1.51E+08	1.51E+08	-	0.014122
Cars	MmuINT0029214	chr7	1.51E+08	1.51E+08	-	0.102051
Cars	MmuINT0029215	chr7	1.51E+08	1.51E+08	-	0.153592
Cars2	MmuINT0029216	chr8	11550309	11550498	-	0.011009
Cars2	MmuINT0029217	chr8	11518545	11518923	-	0.006394
Cars2	MmuINT0029218	chr8	11517943	11518405	-	0.00362
Cars2	MmuINT0029219	chr8	11516250	11517818	-	0.007212
Cars2	MmuINT0029220	chr8	11514700	11516150	-	0.004594
Cars2	MmuINT0029221	chr8	11514192	11514492	-	0.003912
Cars2	MmuINT0029222	chr8	11547845	11550257	-	0.005109
Cars2	MmuINT0029223	chr8	11542591	11547726	-	0.008738
Cars2	MmuINT0029224	chr8	11542004	11542518	-	0.005463
Cars2	MmuINT0029225	chr8	11537356	11541897	-	0.005285
Cars2	MmuINT0029226	chr8	11530428	11537271	-	0.021657
Cars2	MmuINT0029227	chr8	11529714	11530294	-	0.007337
Cars2	MmuINT0029228	chr8	11526070	11529579	-	0.005059
Cars2	MmuINT0029229	chr8	11518991	11526001	-	0.028536
Casc1	MmuINT0029233	chr6	1.45E+08	1.45E+08	-	0.231243

Casc1	MmuINT0029235	chr6	1.45E+08	1.45E+08	-	0.118409
Casc1	MmuINT0029236	chr6	1.45E+08	1.45E+08	-	0.209513
Casc1	MmuINT0029237	chr6	1.45E+08	1.45E+08	-	0.272125
Casc1	MmuINT0029243	chr6	1.45E+08	1.45E+08	-	0.665478
Casc3	MmuINT0029246	chr11	98671406	98671772	+	0.02292
Casc3	MmuINT0029247	chr11	98690273	98690527	+	0.018058
Casc3	MmuINT0029248	chr11	98690743	98692601	+	0.128357
Casc3	MmuINT0029249	chr11	98692725	98692856	+	0.060456
Casc3	MmuINT0029250	chr11	98692923	98693574	+	0.065095
Casc3	MmuINT0029251	chr11	98671801	98672211	+	0.039785
Casc3	MmuINT0029252	chr11	98672250	98682744	+	0.011833
Casc3	MmuINT0029253	chr11	98682898	98682973	+	0.012851
Casc3	MmuINT0029254	chr11	98683126	98683674	+	0.119746
Casc3	MmuINT0029255	chr11	98683852	98684033	+	0.025542
Casc3	MmuINT0029256	chr11	98684714	98688885	+	0.030675
Casc3	MmuINT0029257	chr11	98688951	98689868	+	0.154161
Casc3	MmuINT0029258	chr11	98689984	98690173	+	0.01956
Casc4	MmuINT0029259	chr2	1.22E+08	1.22E+08	+	0.03944
Casc4	MmuINT0029260	chr2	1.22E+08	1.22E+08	+	0.044846
Casc4	MmuINT0029261	chr2	1.22E+08	1.22E+08	+	0.029752
Casc4	MmuINT0029262	chr2	1.22E+08	1.22E+08	+	0.02102
Casc4	MmuINT0029263	chr2	1.22E+08	1.22E+08	+	0.037707
Casc4	MmuINT0029265	chr2	1.22E+08	1.22E+08	+	0.025995
Casc4	MmuINT0029266	chr2	1.22E+08	1.22E+08	+	0.046709
Casd1	MmuINT0029291	chr6	4551302	4557982	+	0.017985
Casd1	MmuINT0029292	chr6	4575556	4579961	+	0.00892
Casd1	MmuINT0029293	chr6	4580082	4581007	+	0.012202
Casd1	MmuINT0029294	chr6	4581165	4581518	+	0.014993
Casd1	MmuINT0029295	chr6	4581599	4584001	+	0.01633
Casd1	MmuINT0029296	chr6	4584104	4585745	+	0.021523
Casd1	MmuINT0029297	chr6	4585887	4586968	+	0.014236
Casd1	MmuINT0029298	chr6	4587047	4590914	+	0.033705
Casd1	MmuINT0029299	chr6	4591008	4591851	+	0.014016
Casd1	MmuINT0029300	chr6	4558080	4558633	+	0.013643
Casd1	MmuINT0029301	chr6	4558755	4563234	+	0.015051
Casd1	MmuINT0029302	chr6	4563280	4564648	+	0.030737
Casd1	MmuINT0029304	chr6	4569334	4569760	+	0.017765
Casd1	MmuINT0029305	chr6	4569885	4571071	+	0.011831
Casd1	MmuINT0029306	chr6	4571287	4574051	+	0.011343
Casd1	MmuINT0029307	chr6	4574475	4575465	+	0.009215
Cask	MmuINT0029309	chrX	13164092	13177482	-	0.070189
Cask	MmuINT0029310	chrX	13148238	13163969	-	0.129292
Cask	MmuINT0029311	chrX	13145683	13148159	-	0.047338
Cask	MmuINT0029312	chrX	13138830	13145601	-	0.053504
Cask	MmuINT0029313	chrX	13136525	13138640	-	0.044833
Cask	MmuINT0029314	chrX	13134204	13136445	-	0.052209
Cask	MmuINT0029315	chrX	13132073	13134117	-	0.041709
Cask	MmuINT0029317	chrX	13126488	13128072	-	0.060144
Cask	MmuINT0029318	chrX	13121756	13126290	-	0.040772
Cask	MmuINT0029320	chrX	13114968	13121639	-	0.045918

Cask	MmuINT0029321	chrX	13114793	13114886	-	0.049102
Cask	MmuINT0029322	chrX	13110669	13114711	-	0.036932
Cask	MmuINT0029323	chrX	13103208	13110465	-	0.063069
Cask	MmuINT0029324	chrX	13099474	13103123	-	0.047275
Cask	MmuINT0029325	chrX	13260175	13291791	-	0.058291
Cask	MmuINT0029327	chrX	13203424	13254710	-	0.04364
Cask	MmuINT0029328	chrX	13197952	13203320	-	0.067657
Cask	MmuINT0029329	chrX	13191719	13197775	-	0.05532
Cask	MmuINT0029331	chrX	13177583	13185859	-	0.031267
Caskin2	MmuINT0029351	chr11	1.16E+08	1.16E+08	-	0.0124
Caskin2	MmuINT0029352	chr11	1.16E+08	1.16E+08	-	0.013426
Caskin2	MmuINT0029353	chr11	1.16E+08	1.16E+08	-	0.005494
Caskin2	MmuINT0029354	chr11	1.16E+08	1.16E+08	-	0.017329
Caskin2	MmuINT0029355	chr11	1.16E+08	1.16E+08	-	0.016343
Caskin2	MmuINT0029356	chr11	1.16E+08	1.16E+08	-	0.163042
Caskin2	MmuINT0029357	chr11	1.16E+08	1.16E+08	-	0.012049
Caskin2	MmuINT0029358	chr11	1.16E+08	1.16E+08	-	0.014646
Caskin2	MmuINT0029359	chr11	1.16E+08	1.16E+08	-	0.023314
Caskin2	MmuINT0029360	chr11	1.16E+08	1.16E+08	-	0.016983
Caskin2	MmuINT0029361	chr11	1.16E+08	1.16E+08	-	0.009909
Caskin2	MmuINT0029362	chr11	1.16E+08	1.16E+08	-	0.01649
Caskin2	MmuINT0029363	chr11	1.16E+08	1.16E+08	-	0.040688
Caskin2	MmuINT0029364	chr11	1.16E+08	1.16E+08	-	0.032786
Caskin2	MmuINT0029365	chr11	1.16E+08	1.16E+08	-	0.014052
Caskin2	MmuINT0029366	chr11	1.16E+08	1.16E+08	-	0.014038
Caskin2	MmuINT0029367	chr11	1.16E+08	1.16E+08	-	0.033879
Caskin2	MmuINT0029368	chr11	1.16E+08	1.16E+08	-	0.018652
Caskin2	MmuINT0029369	chr11	1.16E+08	1.16E+08	-	0.012122
Casp1	MmuINT0029370	chr9	5298724	5299279	+	0.157733
Casp1	MmuINT0029373	chr9	5302530	5302997	+	0.367598
Casp1	MmuINT0029374	chr9	5303172	5303539	+	0.151934
Casp1	MmuINT0029375	chr9	5303775	5304186	+	0.075481
Casp1	MmuINT0029376	chr9	5304328	5306116	+	0.130976
Casp1	MmuINT0029378	chr9	5306774	5307182	+	0.148756
Casp12	MmuINT0029379	chr9	5345526	5346481	+	0.073792
Casp12	MmuINT0029380	chr9	5358844	5371752	+	0.070909
Casp12	MmuINT0029381	chr9	5346734	5348898	+	0.055063
Casp12	MmuINT0029384	chr9	5352292	5352671	+	0.104824
Casp12	MmuINT0029385	chr9	5352846	5353633	+	0.251678
Casp12	MmuINT0029386	chr9	5353869	5354533	+	0.273098
Casp12	MmuINT0029387	chr9	5354684	5358245	+	0.05199
Casp12	MmuINT0029388	chr9	5358356	5358724	+	0.041611
Casp2	MmuINT0029395	chr6	42215197	42217497	+	0.074009
Casp2	MmuINT0029396	chr6	42230193	42230344	+	0.143293
Casp2	MmuINT0029397	chr6	42217649	42217892	+	0.059652
Casp2	MmuINT0029398	chr6	42218061	42218205	+	0.041651
Casp2	MmuINT0029399	chr6	42218288	42218884	+	0.061572
Casp2	MmuINT0029400	chr6	42218980	42219278	+	0.049127
Casp2	MmuINT0029401	chr6	42219456	42223915	+	0.05309
Casp2	MmuINT0029402	chr6	42224045	42226693	+	0.200657

Casp2	MmuINT0029403	chr6	42226785	42229775	+	0.06329
Casp2	MmuINT0029404	chr6	42229926	42230082	+	0.087476
Casp3	MmuINT0029408	chr8	47719681	47720730	+	0.159184
Casp3	MmuINT0029409	chr8	47720907	47721555	+	0.051147
Casp3	MmuINT0029410	chr8	47721677	47723272	+	0.057897
Casp4	MmuINT0029413	chr9	5322918	5323624	+	0.54069
Casp4	MmuINT0029414	chr9	5323799	5324723	+	0.196264
Casp4	MmuINT0029415	chr9	5324959	5327175	+	0.047929
Casp4	MmuINT0029417	chr9	5328543	5335995	+	0.167557
Casp4	MmuINT0029418	chr9	5336100	5336534	+	0.078287
Casp6	MmuINT0029420	chr3	1.3E+08	1.3E+08	+	0.016652
Casp6	MmuINT0029421	chr3	1.3E+08	1.3E+08	+	0.022432
Casp6	MmuINT0029422	chr3	1.3E+08	1.3E+08	+	0.046498
Casp6	MmuINT0029423	chr3	1.3E+08	1.3E+08	+	0.028197
Casp6	MmuINT0029424	chr3	1.3E+08	1.3E+08	+	0.018024
Casp7	MmuINT0029425	chr19	56471808	56478905	+	0.042424
Casp7	MmuINT0029426	chr19	56479016	56507731	+	0.041688
Casp7	MmuINT0029427	chr19	56507869	56508291	+	0.049135
Casp7	MmuINT0029428	chr19	56508421	56510716	+	0.020929
Casp7	MmuINT0029429	chr19	56510893	56511208	+	0.038538
Casp7	MmuINT0029430	chr19	56511339	56515355	+	0.065753
Casp8	MmuINT0029432	chr1	58852583	58880758	+	0.047635
Casp8	MmuINT0029433	chr1	58881092	58884050	+	0.125462
Casp8	MmuINT0029434	chr1	58884157	58885716	+	0.067765
Casp8	MmuINT0029435	chr1	58885856	58885939	+	0.037867
Casp8	MmuINT0029436	chr1	58885994	58888449	+	0.059341
Casp8	MmuINT0029437	chr1	58888512	58890476	+	0.040528
Casp8	MmuINT0029438	chr1	58890619	58901187	+	0.025693
Casp8	MmuINT0029439	chr1	58901690	58903465	+	0.02643
Casp8ap2	MmuINT0029441	chr4	32736233	32739648	+	0.07051
Casp8ap2	MmuINT0029447	chr4	32728534	32730514	+	0.063042
Casp8ap2	MmuINT0029448	chr4	32733636	32735001	+	0.146556
Casp8ap2	MmuINT0029449	chr4	32735102	32736147	+	0.052081
Casp9	MmuINT0029450	chr4	1.41E+08	1.41E+08	+	0.040349
Casp9	MmuINT0029451	chr4	1.41E+08	1.41E+08	+	0.030727
Casp9	MmuINT0029452	chr4	1.41E+08	1.41E+08	+	0.030975
Casp9	MmuINT0029453	chr4	1.41E+08	1.41E+08	+	0.020145
Casp9	MmuINT0029454	chr4	1.41E+08	1.41E+08	+	0.033616
Casp9	MmuINT0029455	chr4	1.41E+08	1.41E+08	+	0.033186
Casp9	MmuINT0029456	chr4	1.41E+08	1.41E+08	+	0.036302
Casp9	MmuINT0029457	chr4	1.41E+08	1.41E+08	+	0.052684
Casq1	MmuINT0029458	chr1	1.74E+08	1.74E+08	-	0.025305
Casq1	MmuINT0029459	chr1	1.74E+08	1.74E+08	-	0.073457
Casq1	MmuINT0029460	chr1	1.74E+08	1.74E+08	-	0.027309
Casq1	MmuINT0029461	chr1	1.74E+08	1.74E+08	-	0.021261
Casq1	MmuINT0029462	chr1	1.74E+08	1.74E+08	-	0.030145
Casq1	MmuINT0029463	chr1	1.74E+08	1.74E+08	-	0.027772
Casq1	MmuINT0029464	chr1	1.74E+08	1.74E+08	-	0.031053
Casq1	MmuINT0029465	chr1	1.74E+08	1.74E+08	-	0.036165
Casq1	MmuINT0029466	chr1	1.74E+08	1.74E+08	-	0.09727

Casq1	MmuINT0029467	chr1	1.74E+08	1.74E+08	-	0.065575
Casq2	MmuINT0029468	chr3	1.02E+08	1.02E+08	+	0.000193
Casq2	MmuINT0029469	chr3	1.02E+08	1.02E+08	+	0.000903
Casq2	MmuINT0029470	chr3	1.02E+08	1.02E+08	+	0.000367
Casq2	MmuINT0029471	chr3	1.02E+08	1.02E+08	+	0.000261
Casq2	MmuINT0029472	chr3	1.02E+08	1.02E+08	+	0.000359
Casq2	MmuINT0029473	chr3	1.02E+08	1.02E+08	+	0.000396
Casq2	MmuINT0029474	chr3	1.02E+08	1.02E+08	+	0.000321
Casq2	MmuINT0029475	chr3	1.02E+08	1.02E+08	+	0.001085
Casq2	MmuINT0029476	chr3	1.02E+08	1.02E+08	+	0.009729
Casq2	MmuINT0029477	chr3	1.02E+08	1.02E+08	+	0.001029
Cast	MmuINT0029488	chr13	74875747	74877284	-	0.001598
Cast	MmuINT0029489	chr13	74875077	74875665	-	0.000297
Cast	MmuINT0029490	chr13	74874471	74875037	-	0.006097
Cast	MmuINT0029491	chr13	74874283	74874383	-	0.000597
Cast	MmuINT0029492	chr13	74872780	74874192	-	0.000227
Cast	MmuINT0029493	chr13	74869626	74872677	-	0.000737
Cast	MmuINT0029495	chr13	74865878	74868526	-	0.001187
Cast	MmuINT0029496	chr13	74864819	74865787	-	0.004523
Cast	MmuINT0029497	chr13	74862914	74864722	-	0.008135
Cast	MmuINT0029498	chr13	74918023	74936103	-	0.007476
Cast	MmuINT0029499	chr13	74862310	74862811	-	0.001413
Cast	MmuINT0029501	chr13	74858452	74858624	-	0.001955
Cast	MmuINT0029502	chr13	74851193	74858379	-	0.000183
Cast	MmuINT0029503	chr13	74841654	74851093	-	0.002733
Cast	MmuINT0029504	chr13	74840099	74841548	-	0.001523
Cast	MmuINT0029507	chr13	74836622	74838071	-	0.000099
Cast	MmuINT0029508	chr13	74833401	74836552	-	0.005111
Cast	MmuINT0029509	chr13	74891819	74917950	-	0.005311
Cast	MmuINT0029510	chr13	74832282	74833338	-	0.008747
Cast	MmuINT0029511	chr13	74885692	74891758	-	0.005028
Cast	MmuINT0029512	chr13	74884085	74885652	-	0.00406
Cast	MmuINT0029513	chr13	74883553	74884030	-	0.00233
Cast	MmuINT0029514	chr13	74882168	74883438	-	0.001996
Cast	MmuINT0029515	chr13	74878866	74882077	-	0.003453
Cast	MmuINT0029516	chr13	74877384	74878796	-	0.001118
Casz1	MmuINT0029517	chr4	1.48E+08	1.48E+08	+	0.024607
Casz1	MmuINT0029518	chr4	1.48E+08	1.48E+08	+	0.028737
Casz1	MmuINT0029519	chr4	1.48E+08	1.48E+08	+	0.035276
Casz1	MmuINT0029520	chr4	1.48E+08	1.48E+08	+	0.501306
Casz1	MmuINT0029522	chr4	1.48E+08	1.48E+08	+	0.006479
Casz1	MmuINT0029523	chr4	1.48E+08	1.48E+08	+	0.026716
Casz1	MmuINT0029524	chr4	1.48E+08	1.48E+08	+	0.026105
Casz1	MmuINT0029525	chr4	1.48E+08	1.48E+08	+	0.024997
Casz1	MmuINT0029526	chr4	1.48E+08	1.48E+08	+	0.011608
Casz1	MmuINT0029529	chr4	1.48E+08	1.48E+08	+	0.014312
Casz1	MmuINT0029530	chr4	1.48E+08	1.48E+08	+	0.028526
Casz1	MmuINT0029531	chr4	1.48E+08	1.48E+08	+	0.007787
Casz1	MmuINT0029532	chr4	1.48E+08	1.48E+08	+	0.015329
Casz1	MmuINT0029533	chr4	1.48E+08	1.48E+08	+	0.008291

Casz1	MmuINT0029534	chr4	1.48E+08	1.48E+08	+	0.010582
Cat	MmuINT0029535	chr2	1.03E+08	1.03E+08	-	0.001532
Cat	MmuINT0029536	chr2	1.03E+08	1.03E+08	-	0.001941
Cat	MmuINT0029537	chr2	1.03E+08	1.03E+08	-	0.003173
Cat	MmuINT0029538	chr2	1.03E+08	1.03E+08	-	0.001368
Cat	MmuINT0029539	chr2	1.03E+08	1.03E+08	-	0.001311
Cat	MmuINT0029540	chr2	1.03E+08	1.03E+08	-	0.00344
Cat	MmuINT0029541	chr2	1.03E+08	1.03E+08	-	0.003632
Cat	MmuINT0029542	chr2	1.03E+08	1.03E+08	-	0.001241
Cat	MmuINT0029543	chr2	1.03E+08	1.03E+08	-	0.001337
Cat	MmuINT0029544	chr2	1.03E+08	1.03E+08	-	0.000783
Cat	MmuINT0029545	chr2	1.03E+08	1.03E+08	-	0.00128
Cat	MmuINT0029546	chr2	1.03E+08	1.03E+08	-	0.003513
Catsper2	MmuINT0029558	chr2	1.21E+08	1.21E+08	-	0.031474
Catsper2	MmuINT0029560	chr2	1.21E+08	1.21E+08	-	0.023804
Catsper2	MmuINT0029561	chr2	1.21E+08	1.21E+08	-	0.030288
Catsper2	MmuINT0029562	chr2	1.21E+08	1.21E+08	-	0.040646
Catsper2	MmuINT0029563	chr2	1.21E+08	1.21E+08	-	0.040426
Catsper2	MmuINT0029564	chr2	1.21E+08	1.21E+08	-	0.059124
Catsper2	MmuINT0029565	chr2	1.21E+08	1.21E+08	-	0.345203
Catsper2	MmuINT0029566	chr2	1.21E+08	1.21E+08	-	0.091247
Cav1	MmuINT0029667	chr6	17256480	17257880	+	0.049365
Cav1	MmuINT0029668	chr6	17258046	17289112	+	0.001645
Cav2	MmuINT0029669	chr6	17231511	17231894	+	0.014892
Cav2	MmuINT0029670	chr6	17232083	17236896	+	0.020539
Cav3	MmuINT0029671	chr6	1.12E+08	1.12E+08	+	0.004584
Cbara1	MmuINT0029672	chr10	59165436	59190704	+	0.012102
Cbara1	MmuINT0029673	chr10	59302532	59324310	+	0.016165
Cbara1	MmuINT0029674	chr10	59324401	59325926	+	0.018068
Cbara1	MmuINT0029675	chr10	59190867	59195730	+	0.010789
Cbara1	MmuINT0029676	chr10	59195906	59203407	+	0.012304
Cbara1	MmuINT0029677	chr10	59203571	59213251	+	0.018903
Cbara1	MmuINT0029678	chr10	59213296	59230885	+	0.059987
Cbara1	MmuINT0029679	chr10	59231001	59250688	+	0.028888
Cbara1	MmuINT0029680	chr10	59250772	59251626	+	0.014276
Cbara1	MmuINT0029681	chr10	59251825	59289936	+	0.011205
Cbara1	MmuINT0029682	chr10	59290075	59302422	+	0.013912
Cbfa2t2	MmuINT0029684	chr2	1.54E+08	1.54E+08	+	0.043807
Cbfa2t2	MmuINT0029688	chr2	1.54E+08	1.54E+08	+	0.040003
Cbfa2t2	MmuINT0029689	chr2	1.54E+08	1.54E+08	+	0.042843
Cbfa2t2	MmuINT0029690	chr2	1.54E+08	1.54E+08	+	0.030229
Cbfa2t2	MmuINT0029691	chr2	1.54E+08	1.54E+08	+	0.031523
Cbfa2t3	MmuINT0029695	chr8	1.25E+08	1.25E+08	-	0.021963
Cbfa2t3	MmuINT0029698	chr8	1.25E+08	1.25E+08	-	0.019441
Cbfa2t3	MmuINT0029699	chr8	1.25E+08	1.25E+08	-	0.061462
Cbfa2t3	MmuINT0029700	chr8	1.25E+08	1.25E+08	-	0.039355
Cbfa2t3	MmuINT0029701	chr8	1.25E+08	1.25E+08	-	0.021673
Cbfa2t3	MmuINT0029702	chr8	1.25E+08	1.25E+08	-	0.088177
Cbfb	MmuINT0029707	chr8	1.08E+08	1.08E+08	+	0.035747
Cbfb	MmuINT0029708	chr8	1.08E+08	1.08E+08	+	0.027845



Cbfb	MmuINT0029709	chr8	1.08E+08	1.08E+08	+	0.011281
Cbl	MmuINT0029712	chr9	44009291	44041782	-	0.005842
Cbl	MmuINT0029713	chr9	43966975	43967059	-	0.045977
Cbl	MmuINT0029714	chr9	43964794	43966596	-	0.037364
Cbl	MmuINT0029715	chr9	43962414	43964698	-	0.026984
Cbl	MmuINT0029716	chr9	43961942	43962272	-	0.069611
Cbl	MmuINT0029717	chr9	43961052	43961843	-	0.090987
Cbl	MmuINT0029718	chr9	43959821	43960871	-	0.0453
Cbl	MmuINT0029720	chr9	43977260	43981335	-	0.04247
Cbl	MmuINT0029721	chr9	43975415	43977102	-	0.030496
Cbl	MmuINT0029724	chr9	43972341	43972884	-	0.034163
Cbl	MmuINT0029725	chr9	43971626	43972208	-	0.033075
Cblb	MmuINT0029728	chr16	52152828	52164408	+	0.022256
Cblb	MmuINT0029729	chr16	52164595	52166101	+	0.023316
Cblb	MmuINT0029730	chr16	52166465	52174466	+	0.026416
Cblb	MmuINT0029731	chr16	52174562	52183324	+	0.042409
Cblb	MmuINT0029732	chr16	52183472	52186247	+	0.042064
Cblb	MmuINT0029733	chr16	52186346	52189125	+	0.064762
Cblb	MmuINT0029734	chr16	52189267	52194271	+	0.064649
Cblb	MmuINT0029735	chr16	52194392	52204545	+	0.037655
Cblb	MmuINT0029736	chr16	52033304	52047311	+	0.018462
Cblb	MmuINT0029737	chr16	52047563	52112213	+	0.037238
Cblb	MmuINT0029738	chr16	52112361	52131177	+	0.042933
Cblb	MmuINT0029739	chr16	52131335	52135871	+	0.039744
Cblb	MmuINT0029740	chr16	52135994	52139603	+	0.043156
Cblb	MmuINT0029741	chr16	52139742	52141119	+	0.038536
Cblb	MmuINT0029742	chr16	52141208	52142879	+	0.042112
Cblb	MmuINT0029743	chr16	52143012	52152623	+	0.0315
Cbll1	MmuINT0029756	chr12	32179615	32184387	-	0.045356
Cbll1	MmuINT0029758	chr12	32176461	32176943	-	0.023527
Cbll1	MmuINT0029759	chr12	32175407	32176376	-	0.038186
Cbll1	MmuINT0029760	chr12	32173180	32175332	-	0.071173
Cbr1	MmuINT0029769	chr16	93608500	93609033	+	0.015322
Cbr2	MmuINT0029771	chr11	1.21E+08	1.21E+08	-	0.05537
Cbr2	MmuINT0029772	chr11	1.21E+08	1.21E+08	-	0.025781
Cbr2	MmuINT0029773	chr11	1.21E+08	1.21E+08	-	0.077897
Cbr2	MmuINT0029774	chr11	1.21E+08	1.21E+08	-	0.095262
Cbr2	MmuINT0029775	chr11	1.21E+08	1.21E+08	-	0.104094
Cbr4	MmuINT0029780	chr8	63966788	63968736	+	0.009198
Cbr4	MmuINT0029781	chr8	63968858	63970341	+	0.011186
Cbr4	MmuINT0029782	chr8	63970476	63973864	+	0.004887
Cbr4	MmuINT0029783	chr8	63974000	63981829	+	0.002356
Cbwd1	MmuINT0029801	chr19	25002866	25006153	-	0.038235
Cbwd1	MmuINT0029803	chr19	24997153	24997245	-	0.027007
Cbwd1	MmuINT0029804	chr19	24995641	24997086	-	0.014956
Cbwd1	MmuINT0029805	chr19	24995193	24995510	-	0.01631
Cbwd1	MmuINT0029806	chr19	25029923	25032393	-	0.020779
Cbwd1	MmuINT0029807	chr19	25027842	25029825	-	0.019886
Cbwd1	MmuINT0029808	chr19	25023752	25027749	-	0.025371
Cbwd1	MmuINT0029809	chr19	25022597	25023691	-	0.03674

Cbwd1	MmuINT0029810	chr19	25017220	25022558	-	0.037088
Cbwd1	MmuINT0029811	chr19	25015326	25017172	-	0.028748
Cbwd1	MmuINT0029812	chr19	25012931	25015238	-	0.030481
Cbwd1	MmuINT0029813	chr19	25006211	25012885	-	0.03337
Cbx1	MmuINT0029815	chr11	96650668	96662084	+	0.005012
Cbx1	MmuINT0029816	chr11	96662262	96662742	+	0.001276
Cbx1	MmuINT0029818	chr11	96664137	96667929	+	0.142211
Cbx1	MmuINT0029819	chr11	96668079	96669497	+	0.984433
Cbx4	MmuINT0029830	chr11	1.19E+08	1.19E+08	-	0.097575
Cbx4	MmuINT0029831	chr11	1.19E+08	1.19E+08	-	0.041798
Cbx4	MmuINT0029832	chr11	1.19E+08	1.19E+08	-	0.027713
Cbx5	MmuINT0029835	chr15	1.03E+08	1.03E+08	-	0.018939
Cbx5	MmuINT0029837	chr15	1.03E+08	1.03E+08	-	0.008903
Cbx5	MmuINT0029838	chr15	1.03E+08	1.03E+08	-	0.062101
Cbx6	MmuINT0029840	chr15	79664389	79664572	-	0.010842
Cbx6	MmuINT0029843	chr15	79659409	79663941	-	0.115199
Cbx7	MmuINT0029847	chr15	79749256	79751801	-	0.225373
Cbx7	MmuINT0029848	chr15	79748907	79749182	-	0.066038
Cbx7	MmuINT0029849	chr15	79748481	79748706	-	0.791051
Cbx8	MmuINT0029853	chr11	1.19E+08	1.19E+08	-	0.041498
Cby1	MmuINT0029854	chr15	79489724	79491800	+	0.017526
Cby1	MmuINT0029855	chr15	79491955	79496075	+	0.007501
Cby1	MmuINT0029856	chr15	79496182	79496260	+	0.017755
Cby1	MmuINT0029857	chr15	79496380	79497417	+	0.012052
Cc2d1a	MmuINT0029858	chr8	86670349	86671545	-	0.023034
Cc2d1a	MmuINT0029859	chr8	86664213	86664282	-	0.04461
Cc2d1a	MmuINT0029860	chr8	86663323	86664139	-	0.047098
Cc2d1a	MmuINT0029861	chr8	86662729	86663188	-	0.040941
Cc2d1a	MmuINT0029862	chr8	86662533	86662616	-	0.017548
Cc2d1a	MmuINT0029863	chr8	86661092	86662359	-	0.018039
Cc2d1a	MmuINT0029864	chr8	86660888	86660968	-	0.024192
Cc2d1a	MmuINT0029865	chr8	86660755	86660828	-	0.024538
Cc2d1a	MmuINT0029866	chr8	86659860	86660637	-	0.093496
Cc2d1a	MmuINT0029867	chr8	86659716	86659785	-	0.080557
Cc2d1a	MmuINT0029868	chr8	86659556	86659656	-	0.03984
Cc2d1a	MmuINT0029869	chr8	86668121	86670212	-	0.015983
Cc2d1a	MmuINT0029870	chr8	86659061	86659503	-	0.024924
Cc2d1a	MmuINT0029871	chr8	86658887	86658960	-	0.039648
Cc2d1a	MmuINT0029872	chr8	86658659	86658795	-	0.021579
Cc2d1a	MmuINT0029873	chr8	86658437	86658520	-	0.023165
Cc2d1a	MmuINT0029874	chr8	86657940	86658374	-	0.062343
Cc2d1a	MmuINT0029875	chr8	86657790	86657875	-	0.053116
Cc2d1a	MmuINT0029876	chr8	86657440	86657662	-	0.06525
Cc2d1a	MmuINT0029877	chr8	86657279	86657362	-	0.092881
Cc2d1a	MmuINT0029878	chr8	86657157	86657230	-	0.04276
Cc2d1a	MmuINT0029879	chr8	86667923	86668007	-	0.037975
Cc2d1a	MmuINT0029880	chr8	86667642	86667856	-	0.022496
Cc2d1a	MmuINT0029881	chr8	86667409	86667506	-	0.034745
Cc2d1a	MmuINT0029882	chr8	86665099	86667185	-	0.029196
Cc2d1a	MmuINT0029883	chr8	86664735	86664979	-	0.03061

Cc2d1a	MmuINT0029884	chr8	86664577	86664661	-	0.059066
Cc2d1a	MmuINT0029885	chr8	86664414	86664504	-	0.023237
Cc2d1b	MmuINT0029886	chr4	1.08E+08	1.08E+08	+	0.058107
Cc2d1b	MmuINT0029887	chr4	1.08E+08	1.08E+08	+	0.015188
Cc2d1b	MmuINT0029888	chr4	1.08E+08	1.08E+08	+	0.019798
Cc2d1b	MmuINT0029889	chr4	1.08E+08	1.08E+08	+	0.038162
Cc2d1b	MmuINT0029890	chr4	1.08E+08	1.08E+08	+	0.13918
Cc2d1b	MmuINT0029891	chr4	1.08E+08	1.08E+08	+	0.049076
Cc2d1b	MmuINT0029892	chr4	1.08E+08	1.08E+08	+	0.07192
Cc2d1b	MmuINT0029893	chr4	1.08E+08	1.08E+08	+	0.098342
Cc2d1b	MmuINT0029894	chr4	1.08E+08	1.08E+08	+	0.035
Cc2d1b	MmuINT0029895	chr4	1.08E+08	1.08E+08	+	0.071629
Cc2d1b	MmuINT0029896	chr4	1.08E+08	1.08E+08	+	0.052024
Cc2d1b	MmuINT0029897	chr4	1.08E+08	1.08E+08	+	0.018521
Cc2d1b	MmuINT0029898	chr4	1.08E+08	1.08E+08	+	0.136315
Cc2d1b	MmuINT0029899	chr4	1.08E+08	1.08E+08	+	0.034978
Cc2d1b	MmuINT0029900	chr4	1.08E+08	1.08E+08	+	0.012784
Cc2d1b	MmuINT0029901	chr4	1.08E+08	1.08E+08	+	0.021477
Cc2d1b	MmuINT0029902	chr4	1.08E+08	1.08E+08	+	0.035635
Cc2d1b	MmuINT0029903	chr4	1.08E+08	1.08E+08	+	0.017043
Cc2d1b	MmuINT0029904	chr4	1.08E+08	1.08E+08	+	0.018346
Cc2d1b	MmuINT0029905	chr4	1.08E+08	1.08E+08	+	0.069192
Cc2d1b	MmuINT0029906	chr4	1.08E+08	1.08E+08	+	0.031513
Cc2d1b	MmuINT0029907	chr4	1.08E+08	1.08E+08	+	0.023936
Cc2d1b	MmuINT0029908	chr4	1.08E+08	1.08E+08	+	0.099211
Cc2d1b	MmuINT0029909	chr4	1.08E+08	1.08E+08	+	0.046353
Cc2d2a	MmuINT0029928	chr5	44109960	44111579	+	0.062219
Cc2d2a	MmuINT0029936	chr5	44121300	44123616	+	0.020016
Cc2d2a	MmuINT0029941	chr5	44128794	44130536	+	0.086063
Cc2d2a	MmuINT0029942	chr5	44130715	44131904	+	0.054951
Ccar1	MmuINT0029949	chr10	62253791	62254963	-	0.09395
Ccar1	MmuINT0029950	chr10	62229531	62233602	-	0.040173
Ccar1	MmuINT0029951	chr10	62228804	62229304	-	0.023439
Ccar1	MmuINT0029952	chr10	62228182	62228689	-	0.008721
Ccar1	MmuINT0029954	chr10	62226272	62227071	-	0.119014
Ccar1	MmuINT0029955	chr10	62223028	62226187	-	0.010597
Ccar1	MmuINT0029956	chr10	62219423	62222841	-	0.004369
Ccar1	MmuINT0029957	chr10	62216162	62219230	-	0.01371
Ccar1	MmuINT0029958	chr10	62214603	62215921	-	0.017181
Ccar1	MmuINT0029959	chr10	62213765	62214490	-	0.0059
Ccar1	MmuINT0029960	chr10	62248343	62253668	-	0.01148
Ccar1	MmuINT0029961	chr10	62213442	62213684	-	0.006325
Ccar1	MmuINT0029962	chr10	62210213	62213294	-	0.015101
Ccar1	MmuINT0029963	chr10	62209835	62210091	-	0.018915
Ccar1	MmuINT0029965	chr10	62207571	62208010	-	0.005199
Ccar1	MmuINT0029966	chr10	62246676	62248178	-	0.01217
Ccar1	MmuINT0029967	chr10	62246015	62246630	-	0.010664
Ccar1	MmuINT0029968	chr10	62243383	62245981	-	0.007669
Ccar1	MmuINT0029969	chr10	62239712	62243188	-	0.008067
Ccar1	MmuINT0029970	chr10	62239509	62239596	-	0.007477

Ccar1	MmuINT0029971	chr10	62234814	62239315	-	0.006047
Ccar1	MmuINT0029972	chr10	62233765	62234683	-	0.010284
Ccbl1	MmuINT0029983	chr2	30053680	30061152	-	0.126846
Ccbl1	MmuINT0029984	chr2	30042064	30042165	-	0.011448
Ccbl1	MmuINT0029985	chr2	30041792	30041876	-	0.01067
Ccbl1	MmuINT0029986	chr2	30041274	30041711	-	0.015295
Ccbl1	MmuINT0029987	chr2	30041090	30041186	-	0.02348
Ccbl1	MmuINT0029988	chr2	30049633	30053476	-	0.030751
Ccbl1	MmuINT0029989	chr2	30047593	30049573	-	0.007034
Ccbl1	MmuINT0029990	chr2	30043885	30047444	-	0.03829
Ccbl1	MmuINT0029991	chr2	30043660	30043734	-	0.011577
Ccbl1	MmuINT0029992	chr2	30043338	30043572	-	0.012748
Ccbl1	MmuINT0029993	chr2	30042828	30043208	-	0.031448
Ccbl1	MmuINT0029994	chr2	30042430	30042706	-	0.035887
Ccbl1	MmuINT0029995	chr2	30042256	30042352	-	0.008262
Ccbl2	MmuINT0029996	chr3	1.42E+08	1.42E+08	+	0.008089
Ccbl2	MmuINT0029997	chr3	1.42E+08	1.42E+08	+	0.007004
Ccbl2	MmuINT0029998	chr3	1.42E+08	1.42E+08	+	0.011068
Ccbl2	MmuINT0029999	chr3	1.42E+08	1.42E+08	+	0.013034
Ccbl2	MmuINT0030000	chr3	1.42E+08	1.42E+08	+	0.012818
Ccbl2	MmuINT0030002	chr3	1.42E+08	1.42E+08	+	0.006765
Ccbl2	MmuINT0030003	chr3	1.42E+08	1.42E+08	+	0.02618
Ccbl2	MmuINT0030004	chr3	1.42E+08	1.42E+08	+	0.00555
Ccbl2	MmuINT0030005	chr3	1.42E+08	1.42E+08	+	0.005385
Ccbl2	MmuINT0030006	chr3	1.42E+08	1.42E+08	+	0.007942
Ccbl2	MmuINT0030007	chr3	1.42E+08	1.42E+08	+	0.008298
Ccbl2	MmuINT0030008	chr3	1.42E+08	1.42E+08	+	0.015324
Ccdc101	MmuINT0030011	chr7	1.34E+08	1.34E+08	+	0.05229
Ccdc101	MmuINT0030012	chr7	1.34E+08	1.34E+08	+	0.018264
Ccdc101	MmuINT0030013	chr7	1.34E+08	1.34E+08	+	0.018466
Ccdc101	MmuINT0030014	chr7	1.34E+08	1.34E+08	+	0.050581
Ccdc101	MmuINT0030015	chr7	1.34E+08	1.34E+08	+	0.032721
Ccdc101	MmuINT0030016	chr7	1.34E+08	1.34E+08	+	0.036229
Ccdc101	MmuINT0030017	chr7	1.34E+08	1.34E+08	+	0.027083
Ccdc101	MmuINT0030018	chr7	1.34E+08	1.34E+08	+	0.024771
Ccdc101	MmuINT0030019	chr7	1.34E+08	1.34E+08	+	0.108153
Ccdc102a	MmuINT0030020	chr8	97437709	97441881	-	0.206443
Ccdc102a	MmuINT0030021	chr8	97435555	97436982	-	0.171543
Ccdc102a	MmuINT0030022	chr8	97433753	97435327	-	0.10661
Ccdc102a	MmuINT0030023	chr8	97432291	97433643	-	0.078166
Ccdc102a	MmuINT0030024	chr8	97431825	97432173	-	0.06985
Ccdc102a	MmuINT0030025	chr8	97430003	97431614	-	0.067012
Ccdc102a	MmuINT0030026	chr8	97429261	97429831	-	0.061545
Ccdc102a	MmuINT0030027	chr8	97427292	97429156	-	0.073962
Ccdc104	MmuINT0030032	chr11	29145151	29147014	-	0.019101
Ccdc104	MmuINT0030033	chr11	29144161	29145085	-	0.013873
Ccdc104	MmuINT0030034	chr11	29134473	29144058	-	0.028636
Ccdc104	MmuINT0030035	chr11	29130674	29134357	-	0.01296
Ccdc104	MmuINT0030037	chr11	29125960	29129907	-	0.021447
Ccdc104	MmuINT0030038	chr11	29122884	29125856	-	0.025906

Ccdc104	MmuINT0030039	chr11	29122584	29122743	-	0.013047
Ccdc104	MmuINT0030040	chr11	29121986	29122433	-	0.006766
Ccdc106	MmuINT0030050	chr7	5011308	5011808	+	0.881595
Ccdc107	MmuINT0030051	chr4	43506409	43506479	+	0.016222
Ccdc107	MmuINT0030052	chr4	43506632	43508066	+	0.053613
Ccdc107	MmuINT0030053	chr4	43508128	43508213	+	0.022153
Ccdc107	MmuINT0030054	chr4	43508305	43508380	+	0.011618
Ccdc107	MmuINT0030055	chr4	43508494	43508568	+	0.078431
Ccdc109a	MmuINT0030089	chr10	58930545	58953834	-	0.01853
Ccdc109a	MmuINT0030090	chr10	58929307	58930373	-	0.011782
Ccdc109a	MmuINT0030091	chr10	58919558	58929201	-	0.024337
Ccdc109a	MmuINT0030092	chr10	58917898	58919396	-	0.010531
Ccdc109a	MmuINT0030093	chr10	58914071	58917693	-	0.013081
Ccdc109a	MmuINT0030094	chr10	58911607	58913953	-	0.026149
Ccdc109b	MmuINT0030098	chr3	1.3E+08	1.3E+08	-	0.093784
Ccdc111	MmuINT0030124	chr8	47690569	47693157	-	0.010678
Ccdc115	MmuINT0030161	chr1	34494704	34495694	-	0.015623
Ccdc117	MmuINT0030165	chr11	5441427	5441879	-	0.058745
Ccdc117	MmuINT0030166	chr11	5434993	5441375	-	0.036641
Ccdc117	MmuINT0030167	chr11	5434384	5434767	-	0.029815
Ccdc117	MmuINT0030168	chr11	5431537	5434245	-	0.033701
Ccdc12	MmuINT0030174	chr9	1.11E+08	1.11E+08	+	0.011015
Ccdc122	MmuINT0030184	chr14	77436779	77467666	+	0.064001
Ccdc122	MmuINT0030185	chr14	77467761	77468643	+	0.059226
Ccdc123	MmuINT0030189	chr7	36182226	36183008	+	0.019633
Ccdc123	MmuINT0030190	chr7	36205317	36205893	+	0.024354
Ccdc123	MmuINT0030191	chr7	36205978	36208318	+	0.047159
Ccdc123	MmuINT0030192	chr7	36208423	36209675	+	0.0311
Ccdc123	MmuINT0030193	chr7	36209792	36212618	+	0.033812
Ccdc123	MmuINT0030194	chr7	36212800	36213218	+	0.011774
Ccdc123	MmuINT0030195	chr7	36213387	36214175	+	0.019353
Ccdc123	MmuINT0030196	chr7	36214318	36217536	+	0.045629
Ccdc123	MmuINT0030197	chr7	36217627	36220492	+	0.02524
Ccdc123	MmuINT0030198	chr7	36220663	36223346	+	0.019948
Ccdc123	MmuINT0030199	chr7	36183116	36188028	+	0.022647
Ccdc123	MmuINT0030200	chr7	36188188	36190636	+	0.015443
Ccdc123	MmuINT0030201	chr7	36190815	36194599	+	0.021896
Ccdc123	MmuINT0030202	chr7	36194712	36199162	+	0.022328
Ccdc123	MmuINT0030203	chr7	36199192	36201435	+	0.024064
Ccdc123	MmuINT0030204	chr7	36201479	36202660	+	0.025956
Ccdc123	MmuINT0030205	chr7	36202880	36203237	+	0.016376
Ccdc123	MmuINT0030206	chr7	36203381	36205265	+	0.022815
Ccdc124	MmuINT0030207	chr8	73393974	73397357	-	0.030548
Ccdc124	MmuINT0030208	chr8	73393007	73393803	-	0.002189
Ccdc124	MmuINT0030209	chr8	73392751	73392831	-	0.003049
Ccdc124	MmuINT0030210	chr8	73392545	73392635	-	0.004777
Ccdc126	MmuINT0030225	chr6	49284297	49289824	+	0.046919
Ccdc127	MmuINT0030226	chr13	74487857	74490303	+	0.018662
Ccdc130	MmuINT0030256	chr8	86788262	86790734	-	0.046499
Ccdc130	MmuINT0030257	chr8	86787844	86788207	-	0.06754

Ccdc130	MmuINT0030258	chr8	86786948	86787760	-	0.059544
Ccdc130	MmuINT0030259	chr8	86785700	86786891	-	0.124373
Ccdc130	MmuINT0030260	chr8	86784585	86785638	-	0.124716
Ccdc130	MmuINT0030261	chr8	86784366	86784441	-	0.054939
Ccdc130	MmuINT0030262	chr8	86783151	86784192	-	0.135878
Ccdc130	MmuINT0030263	chr8	86782826	86783011	-	0.177737
Ccdc132	MmuINT0030264	chr6	3448556	3454868	+	0.013068
Ccdc132	MmuINT0030266	chr6	3483571	3486831	+	0.018114
Ccdc132	MmuINT0030267	chr6	3486973	3495509	+	0.014401
Ccdc132	MmuINT0030268	chr6	3495643	3501012	+	0.01512
Ccdc132	MmuINT0030269	chr6	3501105	3504995	+	0.044959
Ccdc132	MmuINT0030270	chr6	3505091	3505367	+	0.01884
Ccdc132	MmuINT0030271	chr6	3505467	3512267	+	0.019104
Ccdc132	MmuINT0030272	chr6	3512359	3515515	+	0.019923
Ccdc132	MmuINT0030273	chr6	3515693	3517734	+	0.011972
Ccdc132	MmuINT0030274	chr6	3517854	3521001	+	0.01484
Ccdc132	MmuINT0030275	chr6	3454938	3466621	+	0.020619
Ccdc132	MmuINT0030276	chr6	3521109	3528793	+	0.017034
Ccdc132	MmuINT0030277	chr6	3528916	3538005	+	0.025823
Ccdc132	MmuINT0030278	chr6	3538087	3542426	+	0.023318
Ccdc132	MmuINT0030279	chr6	3542576	3544017	+	0.025128
Ccdc132	MmuINT0030280	chr6	3544115	3544742	+	0.016548
Ccdc132	MmuINT0030281	chr6	3544902	3548471	+	0.027568
Ccdc132	MmuINT0030282	chr6	3548594	3550127	+	0.024032
Ccdc132	MmuINT0030283	chr6	3466745	3467788	+	0.026411
Ccdc132	MmuINT0030285	chr6	3469271	3470206	+	0.026174
Ccdc132	MmuINT0030286	chr6	3470278	3472255	+	0.031955
Ccdc132	MmuINT0030287	chr6	3472374	3472682	+	0.022287
Ccdc132	MmuINT0030288	chr6	3472719	3474092	+	0.026466
Ccdc134	MmuINT0030290	chr15	81958480	81960481	+	0.069563
Ccdc134	MmuINT0030291	chr15	81960601	81961853	+	0.389376
Ccdc134	MmuINT0030292	chr15	81961976	81962174	+	0.285491
Ccdc134	MmuINT0030293	chr15	81962260	81965010	+	0.314274
Ccdc134	MmuINT0030294	chr15	81965193	81965499	+	0.04031
Ccdc134	MmuINT0030295	chr15	81965572	81971295	+	0.059125
Ccdc136	MmuINT0030314	chr6	29362535	29362901	+	0.063321
Ccdc136	MmuINT0030325	chr6	29356192	29359224	+	0.053254
Ccdc136	MmuINT0030327	chr6	29360243	29361247	+	0.06287
Ccdc137	MmuINT0030330	chr11	1.2E+08	1.2E+08	+	0.042553
Ccdc137	MmuINT0030331	chr11	1.2E+08	1.2E+08	+	0.175544
Ccdc137	MmuINT0030332	chr11	1.2E+08	1.2E+08	+	0.082679
Ccdc14	MmuINT0030360	chr16	34706984	34709609	+	0.051591
Ccdc141	MmuINT0030362	chr2	77006691	77008441	-	0.002349
Ccdc141	MmuINT0030363	chr2	76892826	76895949	-	0.003634
Ccdc141	MmuINT0030364	chr2	76887816	76892633	-	0.004875
Ccdc141	MmuINT0030365	chr2	76883843	76887635	-	0.004193
Ccdc141	MmuINT0030366	chr2	76882843	76883662	-	0.131503
Ccdc141	MmuINT0030367	chr2	76880689	76882716	-	0.063454
Ccdc141	MmuINT0030368	chr2	76879602	76880499	-	0.002985
Ccdc141	MmuINT0030369	chr2	76877643	76879421	-	0.00234

Ccdc141	MmuINT0030370	chr2	76868765	76877492	-	0.003104
Ccdc141	MmuINT0030371	chr2	76867488	76868623	-	0.002836
Ccdc141	MmuINT0030372	chr2	76865833	76867292	-	0.002295
Ccdc141	MmuINT0030373	chr2	76970431	77006567	-	0.003069
Ccdc141	MmuINT0030374	chr2	76861616	76865648	-	0.002739
Ccdc141	MmuINT0030375	chr2	76858087	76861502	-	0.022378
Ccdc141	MmuINT0030376	chr2	76853305	76857969	-	0.004562
Ccdc141	MmuINT0030377	chr2	76849815	76852450	-	0.718674
Ccdc141	MmuINT0030378	chr2	76966395	76970238	-	0.003508
Ccdc141	MmuINT0030379	chr2	76962433	76966285	-	0.005794
Ccdc141	MmuINT0030380	chr2	76946537	76962178	-	0.00233
Ccdc141	MmuINT0030381	chr2	76927322	76946419	-	0.00284
Ccdc141	MmuINT0030382	chr2	76913066	76927126	-	0.004572
Ccdc141	MmuINT0030383	chr2	76897739	76912892	-	0.005191
Ccdc141	MmuINT0030384	chr2	76896070	76897596	-	0.002296
Ccdc142	MmuINT0030385	chr6	83052633	83052951	+	0.419991
Ccdc142	MmuINT0030389	chr6	83053720	83057046	+	0.569585
Ccdc142	MmuINT0030390	chr6	83057162	83057448	+	0.6018
Ccdc142	MmuINT0030391	chr6	83057627	83057748	+	0.552638
Ccdc142	MmuINT0030392	chr6	83057949	83058084	+	0.360203
Ccdc146	MmuINT0030414	chr5	20836568	20838837	-	0.94207
Ccdc146	MmuINT0030415	chr5	20828620	20836357	-	0.031467
Ccdc146	MmuINT0030416	chr5	20827159	20828561	-	0.028908
Ccdc146	MmuINT0030417	chr5	20825421	20826981	-	0.121288
Ccdc146	MmuINT0030418	chr5	20824032	20825346	-	0.138377
Ccdc146	MmuINT0030419	chr5	20822791	20823803	-	0.816715
Ccdc15	MmuINT0030456	chr9	37086701	37087158	-	0.031658
Ccdc15	MmuINT0030465	chr9	37121085	37121871	-	0.061774
Ccdc157	MmuINT0030557	chr11	4044653	4046236	-	0.103316
Ccdc157	MmuINT0030558	chr11	4044118	4044512	-	0.283132
Ccdc157	MmuINT0030559	chr11	4043939	4044028	-	0.070984
Ccdc157	MmuINT0030560	chr11	4051934	4052911	-	0.224198
Ccdc157	MmuINT0030564	chr11	4047781	4048441	-	0.459841
Ccdc157	MmuINT0030567	chr11	4046406	4046544	-	0.306993
Ccdc159	MmuINT0030593	chr9	21738678	21738878	+	0.240473
Ccdc159	MmuINT0030594	chr9	21738962	21739973	+	0.063444
Ccdc159	MmuINT0030595	chr9	21740073	21740239	+	0.761176
Ccdc159	MmuINT0030596	chr9	21733671	21733751	+	0.043575
Ccdc159	MmuINT0030597	chr9	21733979	21735753	+	0.126418
Ccdc159	MmuINT0030598	chr9	21735788	21736142	+	0.043899
Ccdc159	MmuINT0030599	chr9	21736232	21736308	+	0.052043
Ccdc159	MmuINT0030600	chr9	21736391	21737247	+	0.040014
Ccdc159	MmuINT0030601	chr9	21737435	21737989	+	0.040486
Ccdc159	MmuINT0030602	chr9	21738058	21738139	+	0.047344
Ccdc159	MmuINT0030603	chr9	21738217	21738561	+	0.039447
Ccdc163	MmuINT0030622	chr4	1.16E+08	1.16E+08	+	0.228863
Ccdc163	MmuINT0030623	chr4	1.16E+08	1.16E+08	+	0.406928
Ccdc163	MmuINT0030624	chr4	1.16E+08	1.16E+08	+	0.078219
Ccdc163	MmuINT0030625	chr4	1.16E+08	1.16E+08	+	0.071775
Ccdc163	MmuINT0030626	chr4	1.16E+08	1.16E+08	+	0.257028

Ccdc163	MmuINT0030627	chr4	1.16E+08	1.16E+08	+	0.205897
Ccdc163	MmuINT0030628	chr4	1.16E+08	1.16E+08	+	0.227376
Ccdc163	MmuINT0030629	chr4	1.16E+08	1.16E+08	+	0.590306
Ccdc163	MmuINT0030630	chr4	1.16E+08	1.16E+08	+	0.065926
Ccdc17	MmuINT0030631	chr4	1.16E+08	1.16E+08	+	0.965598
Ccdc17	MmuINT0030632	chr4	1.16E+08	1.16E+08	+	0.079203
Ccdc17	MmuINT0030633	chr4	1.16E+08	1.16E+08	+	0.590966
Ccdc17	MmuINT0030634	chr4	1.16E+08	1.16E+08	+	0.089384
Ccdc17	MmuINT0030635	chr4	1.16E+08	1.16E+08	+	0.96383
Ccdc17	MmuINT0030636	chr4	1.16E+08	1.16E+08	+	0.96619
Ccdc17	MmuINT0030638	chr4	1.16E+08	1.16E+08	+	0.82046
Ccdc17	MmuINT0030641	chr4	1.16E+08	1.16E+08	+	0.276686
Ccdc21	MmuINT0030681	chr4	1.34E+08	1.34E+08	-	0.038591
Ccdc21	MmuINT0030682	chr4	1.34E+08	1.34E+08	-	0.071216
Ccdc21	MmuINT0030683	chr4	1.34E+08	1.34E+08	-	0.059177
Ccdc21	MmuINT0030684	chr4	1.34E+08	1.34E+08	-	0.009957
Ccdc21	MmuINT0030685	chr4	1.34E+08	1.34E+08	-	0.00721
Ccdc21	MmuINT0030686	chr4	1.34E+08	1.34E+08	-	0.039699
Ccdc21	MmuINT0030687	chr4	1.34E+08	1.34E+08	-	0.037531
Ccdc21	MmuINT0030688	chr4	1.34E+08	1.34E+08	-	0.137617
Ccdc21	MmuINT0030689	chr4	1.34E+08	1.34E+08	-	0.008704
Ccdc21	MmuINT0030690	chr4	1.34E+08	1.34E+08	-	0.007114
Ccdc21	MmuINT0030691	chr4	1.34E+08	1.34E+08	-	0.008033
Ccdc21	MmuINT0030692	chr4	1.34E+08	1.34E+08	-	0.006074
Ccdc21	MmuINT0030693	chr4	1.34E+08	1.34E+08	-	0.078341
Ccdc22	MmuINT0030694	chrX	7181464	7182369	-	0.021849
Ccdc22	MmuINT0030695	chrX	7172948	7173028	-	0.017878
Ccdc22	MmuINT0030696	chrX	7172714	7172830	-	0.020471
Ccdc22	MmuINT0030697	chrX	7172530	7172611	-	0.014916
Ccdc22	MmuINT0030698	chrX	7171870	7172085	-	0.016046
Ccdc22	MmuINT0030699	chrX	7171731	7171809	-	0.018647
Ccdc22	MmuINT0030700	chrX	7171294	7171655	-	0.014617
Ccdc22	MmuINT0030701	chrX	7177880	7181285	-	0.012934
Ccdc22	MmuINT0030702	chrX	7176862	7177746	-	0.110698
Ccdc22	MmuINT0030703	chrX	7176627	7176754	-	0.104093
Ccdc22	MmuINT0030704	chrX	7176463	7176559	-	0.123067
Ccdc22	MmuINT0030705	chrX	7174859	7176283	-	0.053678
Ccdc22	MmuINT0030706	chrX	7173920	7174663	-	0.142259
Ccdc22	MmuINT0030707	chrX	7173740	7173856	-	0.03039
Ccdc22	MmuINT0030708	chrX	7173149	7173619	-	0.072655
Ccdc23	MmuINT0030710	chr4	1.19E+08	1.19E+08	+	0.006176
Ccdc23	MmuINT0030711	chr4	1.19E+08	1.19E+08	+	0.013157
Ccdc25	MmuINT0030719	chr14	66456322	66459284	+	0.012811
Ccdc25	MmuINT0030720	chr14	66459333	66465132	+	0.034569
Ccdc25	MmuINT0030721	chr14	66465173	66470453	+	0.014434
Ccdc25	MmuINT0030722	chr14	66470506	66472938	+	0.010601
Ccdc25	MmuINT0030723	chr14	66473015	66475260	+	0.012647
Ccdc25	MmuINT0030724	chr14	66475365	66475530	+	0.005626
Ccdc25	MmuINT0030725	chr14	66475734	66479006	+	0.012005
Ccdc25	MmuINT0030726	chr14	66479053	66483966	+	0.008559



Ccdc28a	MmuINT0030738	chr10	17950425	17954657	-	0.014663
Ccdc28a	MmuINT0030740	chr10	17939449	17944702	-	0.01298
Ccdc28a	MmuINT0030741	chr10	17936089	17939293	-	0.05854
Ccdc28a	MmuINT0030742	chr10	17933985	17936065	-	0.072056
Ccdc28b	MmuINT0030743	chr4	1.29E+08	1.29E+08	-	0.059646
Ccdc28b	MmuINT0030744	chr4	1.29E+08	1.29E+08	-	0.151915
Ccdc28b	MmuINT0030745	chr4	1.29E+08	1.29E+08	-	0.129117
Ccdc28b	MmuINT0030746	chr4	1.29E+08	1.29E+08	-	0.382037
Ccdc28b	MmuINT0030747	chr4	1.29E+08	1.29E+08	-	0.25729
Ccdc32	MmuINT0030764	chr2	1.19E+08	1.19E+08	-	0.04658
Ccdc32	MmuINT0030765	chr2	1.19E+08	1.19E+08	-	0.018228
Ccdc32	MmuINT0030766	chr2	1.19E+08	1.19E+08	-	0.030904
Ccdc34	MmuINT0030792	chr2	1.1E+08	1.1E+08	+	0.026935
Ccdc34	MmuINT0030793	chr2	1.1E+08	1.1E+08	+	0.036719
Ccdc34	MmuINT0030795	chr2	1.1E+08	1.1E+08	+	0.073842
Ccdc34	MmuINT0030796	chr2	1.1E+08	1.1E+08	+	0.019305
Ccdc39	MmuINT0030839	chr3	33714441	33714833	-	0.940122
Ccdc39	MmuINT0030840	chr3	33713718	33714333	-	0.962893
Ccdc39	MmuINT0030841	chr3	33713452	33713576	-	0.955538
Ccdc39	MmuINT0030842	chr3	33713189	33713274	-	0.967681
Ccdc39	MmuINT0030843	chr3	33712123	33713111	-	0.930725
Ccdc41	MmuINT0030870	chr10	94151792	94181596	+	0.011499
Ccdc41	MmuINT0030871	chr10	94213405	94229186	+	0.019104
Ccdc41	MmuINT0030872	chr10	94229263	94231563	+	0.018099
Ccdc41	MmuINT0030873	chr10	94231722	94233689	+	0.022221
Ccdc41	MmuINT0030874	chr10	94233820	94249488	+	0.00874
Ccdc41	MmuINT0030875	chr10	94249593	94251391	+	0.014724
Ccdc41	MmuINT0030876	chr10	94251582	94252448	+	0.022456
Ccdc41	MmuINT0030877	chr10	94181865	94182336	+	0.01041
Ccdc41	MmuINT0030878	chr10	94182488	94188391	+	0.043178
Ccdc41	MmuINT0030879	chr10	94188485	94191335	+	0.011352
Ccdc41	MmuINT0030880	chr10	94191468	94200517	+	0.010264
Ccdc41	MmuINT0030881	chr10	94200770	94202801	+	0.065719
Ccdc41	MmuINT0030882	chr10	94202934	94211685	+	0.014176
Ccdc41	MmuINT0030883	chr10	94211801	94213003	+	0.011365
Ccdc41	MmuINT0030884	chr10	94213149	94213254	+	0.010793
Ccdc43	MmuINT0030896	chr11	1.03E+08	1.03E+08	-	0.013206
Ccdc43	MmuINT0030897	chr11	1.03E+08	1.03E+08	-	0.013727
Ccdc43	MmuINT0030898	chr11	1.03E+08	1.03E+08	-	0.04871
Ccdc43	MmuINT0030899	chr11	1.03E+08	1.03E+08	-	0.157579
Ccdc45	MmuINT0030901	chr11	1.07E+08	1.07E+08	+	0.278824
Ccdc45	MmuINT0030902	chr11	1.07E+08	1.07E+08	+	0.278003
Ccdc45	MmuINT0030903	chr11	1.07E+08	1.07E+08	+	0.059216
Ccdc45	MmuINT0030904	chr11	1.07E+08	1.07E+08	+	0.116345
Ccdc45	MmuINT0030905	chr11	1.07E+08	1.07E+08	+	0.54894
Ccdc45	MmuINT0030906	chr11	1.07E+08	1.07E+08	+	0.075665
Ccdc45	MmuINT0030907	chr11	1.07E+08	1.07E+08	+	0.052514
Ccdc45	MmuINT0030908	chr11	1.07E+08	1.07E+08	+	0.084465
Ccdc45	MmuINT0030909	chr11	1.07E+08	1.07E+08	+	0.112522
Ccdc45	MmuINT0030910	chr11	1.07E+08	1.07E+08	+	0.019598

Ccdc45	MmuINT0030911	chr11	1.07E+08	1.07E+08	+	0.090027
Ccdc45	MmuINT0030912	chr11	1.07E+08	1.07E+08	+	0.045907
Ccdc45	MmuINT0030913	chr11	1.07E+08	1.07E+08	+	0.063573
Ccdc45	MmuINT0030914	chr11	1.07E+08	1.07E+08	+	0.044646
Ccdc45	MmuINT0030915	chr11	1.07E+08	1.07E+08	+	0.136452
Ccdc45	MmuINT0030916	chr11	1.07E+08	1.07E+08	+	0.058205
Ccdc45	MmuINT0030917	chr11	1.07E+08	1.07E+08	+	0.048728
Ccdc45	MmuINT0030918	chr11	1.07E+08	1.07E+08	+	0.052494
Ccdc45	MmuINT0030919	chr11	1.07E+08	1.07E+08	+	0.043525
Ccdc46	MmuINT0030947	chr11	1.09E+08	1.09E+08	+	0.037296
Ccdc46	MmuINT0030948	chr11	1.09E+08	1.09E+08	+	0.028409
Ccdc47	MmuINT0030949	chr11	1.06E+08	1.06E+08	-	0.002932
Ccdc47	MmuINT0030950	chr11	1.06E+08	1.06E+08	-	0.002905
Ccdc47	MmuINT0030951	chr11	1.06E+08	1.06E+08	-	0.00255
Ccdc47	MmuINT0030952	chr11	1.06E+08	1.06E+08	-	0.031443
Ccdc47	MmuINT0030954	chr11	1.06E+08	1.06E+08	-	0.001922
Ccdc47	MmuINT0030955	chr11	1.06E+08	1.06E+08	-	0.004842
Ccdc47	MmuINT0030956	chr11	1.06E+08	1.06E+08	-	0.002298
Ccdc47	MmuINT0030958	chr11	1.06E+08	1.06E+08	-	0.000841
Ccdc47	MmuINT0030959	chr11	1.06E+08	1.06E+08	-	0.009933
Ccdc47	MmuINT0030960	chr11	1.06E+08	1.06E+08	-	0.011754
Ccdc50	MmuINT0030970	chr16	27444737	27446333	+	0.004801
Ccdc50	MmuINT0030976	chr16	27436499	27436583	+	0.008096
Ccdc50	MmuINT0030977	chr16	27436689	27438386	+	0.035088
Ccdc50	MmuINT0030978	chr16	27438464	27444629	+	0.017191
Ccdc51	MmuINT0030979	chr9	1.09E+08	1.09E+08	+	0.074795
Ccdc51	MmuINT0030980	chr9	1.09E+08	1.09E+08	+	0.03103
Ccdc51	MmuINT0030981	chr9	1.09E+08	1.09E+08	+	0.01076
Ccdc53	MmuINT0031000	chr10	87697204	87708500	+	0.011057
Ccdc53	MmuINT0031001	chr10	87664038	87664556	+	0.004554
Ccdc53	MmuINT0031002	chr10	87664656	87676391	+	0.00757
Ccdc53	MmuINT0031003	chr10	87676458	87678711	+	0.00898
Ccdc53	MmuINT0031004	chr10	87678820	87681994	+	0.006995
Ccdc55	MmuINT0031006	chr11	76890247	76891880	-	0.042698
Ccdc55	MmuINT0031007	chr11	76868503	76890155	-	0.016279
Ccdc55	MmuINT0031008	chr11	76864215	76868445	-	0.020127
Ccdc55	MmuINT0031009	chr11	76862983	76864085	-	0.011269
Ccdc55	MmuINT0031010	chr11	76861964	76862774	-	0.028899
Ccdc55	MmuINT0031011	chr11	76860257	76861854	-	0.01685
Ccdc56	MmuINT0031012	chr11	1.01E+08	1.01E+08	-	0.009616
Ccdc58	MmuINT0031033	chr16	36072224	36082776	+	0.006796
Ccdc58	MmuINT0031035	chr16	36085250	36089986	+	0.01338
Ccdc58	MmuINT0031036	chr16	36090047	36091919	+	0.042549
Ccdc59	MmuINT0031037	chr10	1.05E+08	1.05E+08	+	0.012151
Ccdc59	MmuINT0031038	chr10	1.05E+08	1.05E+08	+	0.113315
Ccdc59	MmuINT0031039	chr10	1.05E+08	1.05E+08	+	0.015848
Ccdc6	MmuINT0031040	chr10	69560330	69605326	+	0.012198
Ccdc6	MmuINT0031041	chr10	69605477	69617455	+	0.014525
Ccdc6	MmuINT0031042	chr10	69617585	69629749	+	0.013795
Ccdc6	MmuINT0031043	chr10	69629854	69631839	+	0.014576

Ccdc6	MmuINT0031044	chr10	69632001	69637758	+	0.011718
Ccdc6	MmuINT0031045	chr10	69637916	69644907	+	0.0157
Ccdc6	MmuINT0031046	chr10	69645009	69650438	+	0.041377
Ccdc6	MmuINT0031047	chr10	69650564	69651825	+	0.066502
Ccdc61	MmuINT0031061	chr7	19489289	19495481	-	0.123329
Ccdc61	MmuINT0031062	chr7	19477702	19477786	-	0.027657
Ccdc61	MmuINT0031063	chr7	19477449	19477622	-	0.135675
Ccdc61	MmuINT0031064	chr7	19476737	19477387	-	0.043071
Ccdc61	MmuINT0031065	chr7	19476523	19476663	-	0.027649
Ccdc61	MmuINT0031066	chr7	19488902	19489130	-	0.03997
Ccdc61	MmuINT0031067	chr7	19486426	19488818	-	0.036022
Ccdc61	MmuINT0031068	chr7	19485063	19486267	-	0.036663
Ccdc61	MmuINT0031069	chr7	19479495	19484906	-	0.033388
Ccdc61	MmuINT0031070	chr7	19479199	19479283	-	0.045653
Ccdc61	MmuINT0031072	chr7	19478423	19478533	-	0.027221
Ccdc61	MmuINT0031073	chr7	19477933	19478346	-	0.085039
Ccdc62	MmuINT0031074	chr5	1.24E+08	1.24E+08	+	0.036302
Ccdc62	MmuINT0031075	chr5	1.24E+08	1.24E+08	+	0.349426
Ccdc62	MmuINT0031078	chr5	1.24E+08	1.24E+08	+	0.040627
Ccdc62	MmuINT0031079	chr5	1.24E+08	1.24E+08	+	0.523604
Ccdc62	MmuINT0031081	chr5	1.24E+08	1.24E+08	+	0.09361
Ccdc62	MmuINT0031082	chr5	1.24E+08	1.24E+08	+	0.060179
Ccdc62	MmuINT0031085	chr5	1.24E+08	1.24E+08	+	0.062714
Ccdc63	MmuINT0031097	chr5	1.23E+08	1.23E+08	-	0.998775
Ccdc66	MmuINT0031123	chr14	28305136	28306204	-	0.024687
Ccdc66	MmuINT0031124	chr14	28303994	28304973	-	0.055874
Ccdc66	MmuINT0031125	chr14	28303331	28303848	-	0.021929
Ccdc66	MmuINT0031127	chr14	28298320	28299648	-	0.029239
Ccdc66	MmuINT0031128	chr14	28297505	28298278	-	0.141709
Ccdc66	MmuINT0031129	chr14	28297119	28297250	-	0.068948
Ccdc66	MmuINT0031131	chr14	28313869	28318823	-	0.365025
Ccdc66	MmuINT0031132	chr14	28312076	28313426	-	0.023594
Ccdc66	MmuINT0031133	chr14	28311731	28311909	-	0.033472
Ccdc66	MmuINT0031134	chr14	28310638	28311626	-	0.019614
Ccdc66	MmuINT0031135	chr14	28307399	28310524	-	0.02137
Ccdc66	MmuINT0031136	chr14	28306709	28307266	-	0.028217
Ccdc66	MmuINT0031137	chr14	28306290	28306457	-	0.029719
Ccdc68	MmuINT0031154	chr18	70106204	70106704	+	0.086074
Ccdc69	MmuINT0031159	chr11	54874048	54891514	-	0.024434
Ccdc69	MmuINT0031164	chr11	54864061	54864653	-	0.12683
Ccdc71	MmuINT0031180	chr9	1.08E+08	1.08E+08	+	0.038175
Ccdc73	MmuINT0031192	chr2	1.05E+08	1.05E+08	+	0.949267
Ccdc74a	MmuINT0031201	chr16	17646877	17647700	+	0.94998
Ccdc75	MmuINT0031208	chr17	79235019	79236133	+	0.011765
Ccdc75	MmuINT0031209	chr17	79236261	79237170	+	0.011416
Ccdc75	MmuINT0031210	chr17	79237243	79238326	+	0.018795
Ccdc75	MmuINT0031211	chr17	79238554	79239417	+	0.011521
Ccdc75	MmuINT0031212	chr17	79239460	79240302	+	0.005457
Ccdc75	MmuINT0031213	chr17	79240424	79240558	+	0.006539
Ccdc75	MmuINT0031214	chr17	79240650	79241452	+	0.007428

Ccdc75	MmuINT0031215	chr17	79241570	79243158	+	0.011736
Ccdc75	MmuINT0031216	chr17	79243241	79244483	+	0.0108
Ccdc76	MmuINT0031218	chr3	1.16E+08	1.16E+08	-	0.862989
Ccdc76	MmuINT0031222	chr3	1.16E+08	1.16E+08	-	0.261119
Ccdc76	MmuINT0031223	chr3	1.16E+08	1.16E+08	-	0.143894
Ccdc76	MmuINT0031224	chr3	1.16E+08	1.16E+08	-	0.214994
Ccdc76	MmuINT0031225	chr3	1.16E+08	1.16E+08	-	0.163567
Ccdc76	MmuINT0031226	chr3	1.16E+08	1.16E+08	-	0.18207
Ccdc77	MmuINT0031228	chr6	1.2E+08	1.2E+08	-	0.029406
Ccdc77	MmuINT0031229	chr6	1.2E+08	1.2E+08	-	0.031897
Ccdc77	MmuINT0031237	chr6	1.2E+08	1.2E+08	-	0.022372
Ccdc80	MmuINT0031269	chr16	45094539	45094984	+	0.038339
Ccdc80	MmuINT0031270	chr16	45096871	45104492	+	0.010006
Ccdc80	MmuINT0031271	chr16	45104650	45116358	+	0.009203
Ccdc80	MmuINT0031272	chr16	45116496	45118213	+	0.021602
Ccdc80	MmuINT0031273	chr16	45118363	45122959	+	0.016958
Ccdc80	MmuINT0031274	chr16	45123064	45126234	+	0.019089
Ccdc80	MmuINT0031275	chr16	45126316	45127276	+	0.012569
Ccdc84	MmuINT0031302	chr9	44225293	44225715	-	0.0916
Ccdc84	MmuINT0031303	chr9	44221757	44225193	-	0.053711
Ccdc84	MmuINT0031304	chr9	44221617	44221689	-	0.068724
Ccdc84	MmuINT0031305	chr9	44221285	44221553	-	0.708505
Ccdc84	MmuINT0031306	chr9	44221106	44221219	-	0.589133
Ccdc84	MmuINT0031307	chr9	44220567	44220999	-	0.510158
Ccdc84	MmuINT0031308	chr9	44218864	44220535	-	0.615767
Ccdc84	MmuINT0031309	chr9	44218664	44218773	-	0.030694
Ccdc85a	MmuINT0031310	chr11	28288949	28334080	-	0.059571
Ccdc85b	MmuINT0031313	chr19	5457185	5457339	-	0.95232
Ccdc85c	MmuINT0031314	chr12	1.09E+08	1.1E+08	-	0.007693
Ccdc85c	MmuINT0031315	chr12	1.09E+08	1.09E+08	-	0.013625
Ccdc85c	MmuINT0031316	chr12	1.09E+08	1.09E+08	-	0.007873
Ccdc85c	MmuINT0031317	chr12	1.09E+08	1.09E+08	-	0.006359
Ccdc85c	MmuINT0031318	chr12	1.09E+08	1.09E+08	-	0.006429
Ccdc86	MmuINT0031319	chr19	11019903	11022767	-	0.026077
Ccdc86	MmuINT0031320	chr19	11018043	11019772	-	0.041298
Ccdc86	MmuINT0031321	chr19	11017780	11017967	-	0.017053
Ccdc88a	MmuINT0031328	chr11	29364191	29365610	+	0.06905
Ccdc88a	MmuINT0031330	chr11	29370457	29377293	+	0.059152
Ccdc88a	MmuINT0031331	chr11	29377459	29380489	+	0.061101
Ccdc88a	MmuINT0031334	chr11	29382387	29382597	+	0.063504
Ccdc88a	MmuINT0031336	chr11	29386012	29389581	+	0.054486
Ccdc88a	MmuINT0031338	chr11	29393793	29393878	+	0.120225
Ccdc88a	MmuINT0031341	chr11	29399407	29400975	+	0.104671
Ccdc88a	MmuINT0031343	chr11	29403652	29403851	+	0.070232
Ccdc88a	MmuINT0031345	chr11	29404312	29407124	+	0.110116
Ccdc88a	MmuINT0031346	chr11	29407224	29407694	+	0.128051
Ccdc88b	MmuINT0031363	chr19	6923175	6923464	-	0.14566
Ccdc88c	MmuINT0031391	chr12	1.02E+08	1.02E+08	-	0.057281
Ccdc88c	MmuINT0031393	chr12	1.02E+08	1.02E+08	-	0.052933
Ccdc88c	MmuINT0031398	chr12	1.02E+08	1.02E+08	-	0.060353

Ccdc88c	MmuINT0031399	chr12	1.02E+08	1.02E+08	-	0.062364
Ccdc88c	MmuINT0031400	chr12	1.02E+08	1.02E+08	-	0.056454
Ccdc9	MmuINT0031408	chr7	16859766	16860604	-	0.029385
Ccdc9	MmuINT0031409	chr7	16868200	16869619	-	0.059536
Ccdc9	MmuINT0031410	chr7	16867955	16868100	-	0.100691
Ccdc9	MmuINT0031411	chr7	16866291	16867705	-	0.196853
Ccdc9	MmuINT0031412	chr7	16866121	16866206	-	0.010302
Ccdc9	MmuINT0031413	chr7	16863888	16865946	-	0.015355
Ccdc9	MmuINT0031414	chr7	16862123	16863705	-	0.048585
Ccdc9	MmuINT0031415	chr7	16861979	16862075	-	0.048193
Ccdc9	MmuINT0031416	chr7	16861645	16861842	-	0.008662
Ccdc90a	MmuINT0031417	chr13	43650385	43655137	-	0.005785
Ccdc90a	MmuINT0031418	chr13	43647070	43650264	-	0.002689
Ccdc90a	MmuINT0031419	chr13	43646468	43646965	-	0.003186
Ccdc90a	MmuINT0031420	chr13	43644943	43646365	-	0.005731
Ccdc90a	MmuINT0031421	chr13	43644092	43644900	-	0.005423
Ccdc90a	MmuINT0031422	chr13	43641111	43644019	-	0.020222
Ccdc90a	MmuINT0031423	chr13	43639940	43641056	-	0.013677
Ccdc90a	MmuINT0031424	chr13	43637099	43639824	-	0.014088
Ccdc90b	MmuINT0031425	chr7	99710146	99716131	+	0.00336
Ccdc90b	MmuINT0031426	chr7	99716252	99716981	+	0.002445
Ccdc90b	MmuINT0031427	chr7	99717086	99723131	+	0.1582
Ccdc90b	MmuINT0031428	chr7	99723174	99723253	+	0.013859
Ccdc90b	MmuINT0031429	chr7	99723326	99723838	+	0.011237
Ccdc90b	MmuINT0031430	chr7	99723893	99726933	+	0.004266
Ccdc90b	MmuINT0031431	chr7	99727049	99730304	+	0.007245
Ccdc91	MmuINT0031434	chr6	1.47E+08	1.47E+08	+	0.015749
Ccdc91	MmuINT0031435	chr6	1.48E+08	1.48E+08	+	0.006386
Ccdc91	MmuINT0031436	chr6	1.48E+08	1.48E+08	+	0.00643
Ccdc91	MmuINT0031437	chr6	1.48E+08	1.48E+08	+	0.006811
Ccdc91	MmuINT0031438	chr6	1.47E+08	1.47E+08	+	0.013027
Ccdc91	MmuINT0031439	chr6	1.47E+08	1.47E+08	+	0.007224
Ccdc91	MmuINT0031440	chr6	1.47E+08	1.47E+08	+	0.00591
Ccdc91	MmuINT0031441	chr6	1.47E+08	1.47E+08	+	0.006916
Ccdc91	MmuINT0031442	chr6	1.47E+08	1.48E+08	+	0.007303
Ccdc91	MmuINT0031443	chr6	1.48E+08	1.48E+08	+	0.012129
Ccdc91	MmuINT0031444	chr6	1.48E+08	1.48E+08	+	0.007134
Ccdc91	MmuINT0031445	chr6	1.48E+08	1.48E+08	+	0.007236
Ccdc93	MmuINT0031450	chr1	1.23E+08	1.23E+08	+	0.01971
Ccdc93	MmuINT0031451	chr1	1.23E+08	1.23E+08	+	0.037812
Ccdc93	MmuINT0031452	chr1	1.23E+08	1.23E+08	+	0.039788
Ccdc93	MmuINT0031453	chr1	1.23E+08	1.23E+08	+	0.032345
Ccdc93	MmuINT0031454	chr1	1.23E+08	1.23E+08	+	0.031549
Ccdc93	MmuINT0031455	chr1	1.23E+08	1.23E+08	+	0.040821
Ccdc93	MmuINT0031456	chr1	1.23E+08	1.23E+08	+	0.038133
Ccdc93	MmuINT0031457	chr1	1.23E+08	1.23E+08	+	0.035925
Ccdc93	MmuINT0031458	chr1	1.23E+08	1.23E+08	+	0.041766
Ccdc93	MmuINT0031459	chr1	1.23E+08	1.23E+08	+	0.04327
Ccdc93	MmuINT0031460	chr1	1.23E+08	1.23E+08	+	0.038965
Ccdc93	MmuINT0031461	chr1	1.23E+08	1.23E+08	+	0.037334

Ccdc93	MmuINT0031462	chr1	1.23E+08	1.23E+08	+	0.027779
Ccdc93	MmuINT0031463	chr1	1.23E+08	1.23E+08	+	0.088206
Ccdc93	MmuINT0031464	chr1	1.23E+08	1.23E+08	+	0.032303
Ccdc93	MmuINT0031465	chr1	1.23E+08	1.23E+08	+	0.04739
Ccdc93	MmuINT0031466	chr1	1.23E+08	1.23E+08	+	0.036779
Ccdc93	MmuINT0031467	chr1	1.23E+08	1.23E+08	+	0.029181
Ccdc93	MmuINT0031468	chr1	1.23E+08	1.23E+08	+	0.04469
Ccdc93	MmuINT0031469	chr1	1.23E+08	1.23E+08	+	0.096952
Ccdc93	MmuINT0031470	chr1	1.23E+08	1.23E+08	+	0.028524
Ccdc93	MmuINT0031471	chr1	1.23E+08	1.23E+08	+	0.062069
Ccdc94	MmuINT0031472	chr17	56098685	56100135	+	0.033566
Ccdc94	MmuINT0031473	chr17	56100237	56101441	+	0.022876
Ccdc94	MmuINT0031476	chr17	56104091	56104591	+	0.153805
Ccdc94	MmuINT0031477	chr17	56104713	56105930	+	0.031331
Ccdc94	MmuINT0031478	chr17	56106061	56106950	+	0.046347
Ccdc97	MmuINT0031479	chr7	26501207	26503936	-	0.094752
Ccdc97	MmuINT0031480	chr7	26500040	26500753	-	0.034923
Ccdc97	MmuINT0031481	chr7	26499502	26499769	-	0.010144
Ccdc97	MmuINT0031482	chr7	26498133	26499371	-	0.039367
Cchcr1	MmuINT0031496	chr17	35665127	35665286	+	0.048186
Cchcr1	MmuINT0031498	chr17	35665634	35665722	+	0.053575
Cchcr1	MmuINT0031499	chr17	35665912	35665989	+	0.145631
Cchcr1	MmuINT0031500	chr17	35666092	35667092	+	0.263139
Cchcr1	MmuINT0031501	chr17	35667245	35667388	+	0.141494
Cchcr1	MmuINT0031502	chr17	35667504	35667645	+	0.073155
Cchcr1	MmuINT0031503	chr17	35655229	35655323	+	0.05624
Cchcr1	MmuINT0031504	chr17	35655538	35657819	+	0.229134
Cchcr1	MmuINT0031505	chr17	35658124	35661390	+	0.259857
Cchcr1	MmuINT0031506	chr17	35661555	35661643	+	0.085924
Cchcr1	MmuINT0031507	chr17	35661780	35661921	+	0.053047
Cchcr1	MmuINT0031508	chr17	35662033	35662204	+	0.09057
Cchcr1	MmuINT0031509	chr17	35662355	35663324	+	0.058875
Cchcr1	MmuINT0031510	chr17	35663436	35663553	+	0.131428
Ccl11	MmuINT0031524	chr11	81875293	81875707	+	0.060834
Ccl2	MmuINT0031532	chr11	81849240	81849984	+	0.297119
Ccl2	MmuINT0031533	chr11	81850103	81850427	+	0.147524
Ccl24	MmuINT0031538	chr5	1.36E+08	1.36E+08	-	0.041595
Ccl24	MmuINT0031539	chr5	1.36E+08	1.36E+08	-	0.044924
Ccl25	MmuINT0031542	chr8	4325289	4327756	+	0.042383
Ccl25	MmuINT0031546	chr8	4357690	4359481	+	0.057696
Ccl6	MmuINT0031560	chr11	83403307	83406367	-	0.013749
Ccl6	MmuINT0031561	chr11	83402917	83403258	-	0.031249
Ccl6	MmuINT0031562	chr11	83402442	83402804	-	0.020202
Ccl8	MmuINT0031565	chr11	81928815	81929540	+	0.061497
Ccl9	MmuINT0031567	chr11	83389949	83391890	-	0.0267
Ccl9	MmuINT0031568	chr11	83389454	83389876	-	0.057611
Ccl9	MmuINT0031569	chr11	83388998	83389344	-	0.018189
Ccm2	MmuINT0031573	chr11	6447033	6469966	+	0.02268
Ccm2	MmuINT0031574	chr11	6470141	6484522	+	0.016347
Ccm2	MmuINT0031575	chr11	6484607	6485036	+	0.011344

Ccm2	MmuINT0031576	chr11	6485221	6489434	+	0.018238
Ccm2	MmuINT0031577	chr11	6489572	6490755	+	0.011598
Ccm2	MmuINT0031578	chr11	6490892	6493069	+	0.01164
Ccm2	MmuINT0031579	chr11	6493128	6493604	+	0.012879
Ccm2	MmuINT0031580	chr11	6493744	6494150	+	0.007955
Ccnc	MmuINT0031629	chr4	21655063	21657543	+	0.030354
Ccnc	MmuINT0031630	chr4	21673577	21673802	+	0.022137
Ccnc	MmuINT0031631	chr4	21673922	21675283	+	0.168097
Ccnc	MmuINT0031632	chr4	21657651	21659364	+	0.02298
Ccnc	MmuINT0031633	chr4	21659450	21659635	+	0.032586
Ccnc	MmuINT0031634	chr4	21659706	21662563	+	0.045747
Ccnc	MmuINT0031635	chr4	21662616	21667738	+	0.070389
Ccnc	MmuINT0031636	chr4	21667795	21669101	+	0.03165
Ccnc	MmuINT0031637	chr4	21669138	21669759	+	0.080998
Ccnc	MmuINT0031638	chr4	21669852	21670393	+	0.078585
Ccnc	MmuINT0031639	chr4	21670462	21673496	+	0.056675
Ccnd1	MmuINT0031640	chr7	1.52E+08	1.52E+08	-	0.00857
Ccnd1	MmuINT0031641	chr7	1.52E+08	1.52E+08	-	0.009504
Ccnd1	MmuINT0031642	chr7	1.52E+08	1.52E+08	-	0.019204
Ccnd1	MmuINT0031643	chr7	1.52E+08	1.52E+08	-	0.049462
Ccnd2	MmuINT0031644	chr6	1.27E+08	1.27E+08	-	0.012967
Ccnd2	MmuINT0031645	chr6	1.27E+08	1.27E+08	-	0.012878
Ccnd2	MmuINT0031646	chr6	1.27E+08	1.27E+08	-	0.0032
Ccnd2	MmuINT0031647	chr6	1.27E+08	1.27E+08	-	0.0038
Ccnd3	MmuINT0031648	chr17	47642216	47715657	+	0.102682
Ccnd3	MmuINT0031649	chr17	47731899	47734368	+	0.001958
Ccnd3	MmuINT0031651	chr17	47735089	47735557	+	0.002393
Ccndbp1	MmuINT0031652	chr2	1.21E+08	1.21E+08	+	0.02511
Ccndbp1	MmuINT0031653	chr2	1.21E+08	1.21E+08	+	0.010522
Ccndbp1	MmuINT0031654	chr2	1.21E+08	1.21E+08	+	0.026034
Ccndbp1	MmuINT0031655	chr2	1.21E+08	1.21E+08	+	0.028503
Ccndbp1	MmuINT0031656	chr2	1.21E+08	1.21E+08	+	0.042109
Ccndbp1	MmuINT0031657	chr2	1.21E+08	1.21E+08	+	0.022702
Ccndbp1	MmuINT0031658	chr2	1.21E+08	1.21E+08	+	0.008453
Ccndbp1	MmuINT0031659	chr2	1.21E+08	1.21E+08	+	0.011863
Ccndbp1	MmuINT0031660	chr2	1.21E+08	1.21E+08	+	0.017756
Ccndbp1	MmuINT0031661	chr2	1.21E+08	1.21E+08	+	0.0429
Ccne1	MmuINT0031667	chr7	38888214	38891297	-	0.094241
Ccne1	MmuINT0031668	chr7	38887941	38888064	-	0.073748
Ccng1	MmuINT0031698	chr11	40567571	40568502	-	0.000531
Ccng1	MmuINT0031699	chr11	40565860	40567309	-	0.003005
Ccng1	MmuINT0031700	chr11	40565021	40565605	-	0.003377
Ccng1	MmuINT0031701	chr11	40564862	40564941	-	0.003889
Ccng1	MmuINT0031702	chr11	40564562	40564762	-	0.004251
Ccng2	MmuINT0031703	chr5	93696824	93697647	+	0.043728
Ccng2	MmuINT0031704	chr5	93697786	93698290	+	0.021903
Ccng2	MmuINT0031705	chr5	93698429	93699819	+	0.01653
Ccng2	MmuINT0031706	chr5	93700071	93700226	+	0.046364
Ccng2	MmuINT0031707	chr5	93700306	93700388	+	0.027579
Ccng2	MmuINT0031708	chr5	93700488	93702363	+	0.042618

Ccng2	MmuINT0031709	chr5	93702570	93703899	+	0.020043
Ccnh	MmuINT0031710	chr13	85329258	85330358	+	0.001352
Ccnh	MmuINT0031711	chr13	85330482	85335856	+	0.009156
Ccnh	MmuINT0031712	chr13	85335931	85336955	+	0.010184
Ccnh	MmuINT0031713	chr13	85337167	85341937	+	0.007157
Ccnh	MmuINT0031714	chr13	85342102	85345732	+	0.00343
Ccnh	MmuINT0031715	chr13	85345804	85348382	+	0.00671
Ccnh	MmuINT0031716	chr13	85348495	85351458	+	0.01942
Ccnh	MmuINT0031717	chr13	85351520	85352344	+	0.035445
Ccni	MmuINT0031722	chr5	93616845	93617105	-	0.000596
Ccni	MmuINT0031723	chr5	93612447	93616613	-	0.008383
Ccnj	MmuINT0031728	chr19	40919695	40920188	+	0.037978
Ccnk	MmuINT0031734	chr12	1.09E+08	1.09E+08	+	0.01121
Ccnk	MmuINT0031735	chr12	1.09E+08	1.09E+08	+	0.077102
Ccnk	MmuINT0031736	chr12	1.09E+08	1.09E+08	+	0.136931
Ccnk	MmuINT0031737	chr12	1.09E+08	1.09E+08	+	0.004785
Ccnk	MmuINT0031738	chr12	1.09E+08	1.09E+08	+	0.011472
Ccnk	MmuINT0031739	chr12	1.09E+08	1.09E+08	+	0.00806
Ccnk	MmuINT0031740	chr12	1.09E+08	1.09E+08	+	0.008572
Ccnk	MmuINT0031741	chr12	1.09E+08	1.09E+08	+	0.016827
Ccnk	MmuINT0031742	chr12	1.09E+08	1.09E+08	+	0.011664
Ccnk	MmuINT0031743	chr12	1.09E+08	1.09E+08	+	0.013278
Ccnk	MmuINT0031744	chr12	1.09E+08	1.09E+08	+	0.006754
Ccnl1	MmuINT0031745	chr3	65761498	65761729	-	0.038801
Ccnl1	MmuINT0031746	chr3	65750871	65751612	-	0.030717
Ccnl1	MmuINT0031747	chr3	65760885	65761422	-	0.021285
Ccnl1	MmuINT0031748	chr3	65755477	65760774	-	0.317308
Ccnl1	MmuINT0031749	chr3	65754467	65755355	-	0.220747
Ccnl1	MmuINT0031750	chr3	65752713	65754401	-	0.684699
Ccnl1	MmuINT0031751	chr3	65752523	65752612	-	0.019471
Ccnl1	MmuINT0031752	chr3	65752326	65752417	-	0.018948
Ccnl1	MmuINT0031753	chr3	65751931	65752183	-	0.04202
Ccnl1	MmuINT0031754	chr3	65751712	65751818	-	0.019595
Ccnl2	MmuINT0031755	chr4	1.55E+08	1.55E+08	+	0.042117
Ccnl2	MmuINT0031756	chr4	1.55E+08	1.55E+08	+	0.036309
Ccnl2	MmuINT0031757	chr4	1.55E+08	1.55E+08	+	0.008779
Ccnl2	MmuINT0031758	chr4	1.55E+08	1.55E+08	+	0.004959
Ccnl2	MmuINT0031759	chr4	1.55E+08	1.55E+08	+	0.118717
Ccnl2	MmuINT0031760	chr4	1.55E+08	1.55E+08	+	0.875993
Ccnl2	MmuINT0031761	chr4	1.55E+08	1.55E+08	+	0.029899
Ccnl2	MmuINT0031762	chr4	1.55E+08	1.55E+08	+	0.03368
Ccnl2	MmuINT0031763	chr4	1.55E+08	1.55E+08	+	0.007015
Ccnl2	MmuINT0031764	chr4	1.55E+08	1.55E+08	+	0.003689
Ccnt1	MmuINT0031767	chr15	98390757	98395477	-	0.032008
Ccnt1	MmuINT0031768	chr15	98385093	98390627	-	0.041075
Ccnt1	MmuINT0031769	chr15	98382408	98385031	-	0.068321
Ccnt1	MmuINT0031770	chr15	98379143	98382344	-	0.192664
Ccnt1	MmuINT0031771	chr15	98377340	98379096	-	0.128158
Ccnt1	MmuINT0031772	chr15	98377026	98377175	-	0.085217
Ccnt1	MmuINT0031773	chr15	98375040	98376954	-	0.044777



Ccnt2	MmuINT0031774	chr1	1.3E+08	1.3E+08	+	0.078259
Ccnt2	MmuINT0031775	chr1	1.3E+08	1.3E+08	+	0.017523
Ccnt2	MmuINT0031776	chr1	1.3E+08	1.3E+08	+	0.033485
Ccnt2	MmuINT0031777	chr1	1.3E+08	1.3E+08	+	0.076024
Ccnt2	MmuINT0031778	chr1	1.3E+08	1.3E+08	+	0.43503
Ccnt2	MmuINT0031779	chr1	1.3E+08	1.3E+08	+	0.592227
Ccnt2	MmuINT0031780	chr1	1.3E+08	1.3E+08	+	0.038498
Ccnt2	MmuINT0031781	chr1	1.3E+08	1.3E+08	+	0.131203
Ccny	MmuINT0031783	chr18	9377827	9386732	-	0.002273
Ccny	MmuINT0031784	chr18	9353506	9377791	-	0.003317
Ccny	MmuINT0031785	chr18	9349422	9353404	-	0.002286
Ccny	MmuINT0031786	chr18	9345470	9349385	-	0.003119
Ccny	MmuINT0031787	chr18	9345312	9345411	-	0.002818
Ccny	MmuINT0031788	chr18	9332949	9345191	-	0.00191
Ccny	MmuINT0031789	chr18	9319570	9332781	-	0.005908
Ccny	MmuINT0031790	chr18	9316671	9319406	-	0.002896
Ccp1	MmuINT0031800	chr9	72833481	72845208	+	0.007519
Ccp1	MmuINT0031801	chr9	72845278	72846830	+	0.004803
Ccp1	MmuINT0031802	chr9	72846952	72847269	+	0.003137
Ccp1	MmuINT0031803	chr9	72847347	72849483	+	0.003536
Ccp1	MmuINT0031804	chr9	72849683	72853447	+	0.132477
Ccp1	MmuINT0031805	chr9	72853700	72858103	+	0.12558
Ccr12	MmuINT0031831	chr9	1.11E+08	1.11E+08	-	0.033567
Ccrn4l	MmuINT0031832	chr3	51029210	51051726	+	0.027944
Ccrn4l	MmuINT0031833	chr3	51051997	51053618	+	0.008843
Ccs	MmuINT0031834	chr19	4838904	4839196	-	0.005362
Ccs	MmuINT0031835	chr19	4834311	4838830	-	0.009499
Ccs	MmuINT0031836	chr19	4833519	4834172	-	0.020318
Ccs	MmuINT0031837	chr19	4832894	4833340	-	0.051789
Ccs	MmuINT0031838	chr19	4826022	4832832	-	0.075104
Ccs	MmuINT0031839	chr19	4825874	4825943	-	0.057994
Ccs	MmuINT0031840	chr19	4825665	4825769	-	0.021572
Cct2	MmuINT0031841	chr10	1.17E+08	1.17E+08	-	0.003557
Cct2	MmuINT0031842	chr10	1.16E+08	1.16E+08	-	0.007444
Cct2	MmuINT0031843	chr10	1.16E+08	1.16E+08	-	0.015608
Cct2	MmuINT0031844	chr10	1.16E+08	1.16E+08	-	0.00684
Cct2	MmuINT0031845	chr10	1.16E+08	1.16E+08	-	0.010762
Cct2	MmuINT0031846	chr10	1.16E+08	1.16E+08	-	0.016576
Cct2	MmuINT0031847	chr10	1.16E+08	1.16E+08	-	0.044713
Cct2	MmuINT0031848	chr10	1.16E+08	1.17E+08	-	0.002617
Cct2	MmuINT0031849	chr10	1.16E+08	1.16E+08	-	0.002875
Cct2	MmuINT0031850	chr10	1.16E+08	1.16E+08	-	0.001428
Cct2	MmuINT0031851	chr10	1.16E+08	1.16E+08	-	0.01098
Cct2	MmuINT0031852	chr10	1.16E+08	1.16E+08	-	0.0092
Cct2	MmuINT0031853	chr10	1.16E+08	1.16E+08	-	0.005548
Cct2	MmuINT0031854	chr10	1.16E+08	1.16E+08	-	0.001835
Cct2	MmuINT0031855	chr10	1.16E+08	1.16E+08	-	0.003822
Cct3	MmuINT0031856	chr3	88101189	88103263	+	0.003355
Cct3	MmuINT0031857	chr3	88117560	88122267	+	0.00314
Cct3	MmuINT0031858	chr3	88122449	88124381	+	0.001048

Cct3	MmuINT0031860	chr3	88125068	88125365	+	0.009915
Cct3	MmuINT0031862	chr3	88104773	88104850	+	0.005555
Cct3	MmuINT0031863	chr3	88104914	88106689	+	0.001168
Cct3	MmuINT0031864	chr3	88106787	88108934	+	0.002457
Cct3	MmuINT0031865	chr3	88109053	88113082	+	0.001228
Cct3	MmuINT0031866	chr3	88113270	88115594	+	0.00212
Cct3	MmuINT0031867	chr3	88115745	88117163	+	0.002039
Cct3	MmuINT0031868	chr3	88117297	88117477	+	0.000359
Cct4	MmuINT0031869	chr11	22890881	22893266	+	0.003611
Cct4	MmuINT0031870	chr11	22901473	22901559	+	0.00162
Cct4	MmuINT0031871	chr11	22901691	22902166	+	0.00438
Cct4	MmuINT0031872	chr11	22902402	22902816	+	0.002991
Cct4	MmuINT0031873	chr11	22902931	22903136	+	0.002769
Cct4	MmuINT0031874	chr11	22893320	22894297	+	0.003417
Cct4	MmuINT0031875	chr11	22894388	22895929	+	0.0026
Cct4	MmuINT0031876	chr11	22896039	22896314	+	0.000917
Cct4	MmuINT0031877	chr11	22896458	22897032	+	0.003361
Cct4	MmuINT0031878	chr11	22897155	22897602	+	0.006688
Cct4	MmuINT0031879	chr11	22897736	22899032	+	0.002284
Cct4	MmuINT0031880	chr11	22899173	22900857	+	0.015299
Cct4	MmuINT0031881	chr11	22900955	22901361	+	0.008662
Cct5	MmuINT0031882	chr15	31527816	31531355	-	0.001484
Cct5	MmuINT0031883	chr15	31520811	31522039	-	0.012457
Cct5	MmuINT0031884	chr15	31527331	31527754	-	0.001535
Cct5	MmuINT0031885	chr15	31525599	31527165	-	0.001083
Cct5	MmuINT0031886	chr15	31524282	31525399	-	0.005972
Cct5	MmuINT0031887	chr15	31524002	31524088	-	0.001635
Cct5	MmuINT0031888	chr15	31523390	31523851	-	0.0014
Cct5	MmuINT0031889	chr15	31522808	31523269	-	0.008318
Cct5	MmuINT0031890	chr15	31522539	31522621	-	0.001766
Cct5	MmuINT0031891	chr15	31522221	31522400	-	0.002811
Cct6a	MmuINT0031892	chr5	1.3E+08	1.3E+08	+	0.002905
Cct6a	MmuINT0031894	chr5	1.3E+08	1.3E+08	+	0.009691
Cct6a	MmuINT0031895	chr5	1.3E+08	1.3E+08	+	0.002506
Cct6a	MmuINT0031896	chr5	1.3E+08	1.3E+08	+	0.002492
Cct6a	MmuINT0031897	chr5	1.3E+08	1.3E+08	+	0.003574
Cct6a	MmuINT0031898	chr5	1.3E+08	1.3E+08	+	0.002785
Cct6a	MmuINT0031899	chr5	1.3E+08	1.3E+08	+	0.002606
Cct6a	MmuINT0031900	chr5	1.3E+08	1.3E+08	+	0.003223
Cct6a	MmuINT0031901	chr5	1.3E+08	1.3E+08	+	0.003703
Cct6a	MmuINT0031902	chr5	1.3E+08	1.3E+08	+	0.013897
Cct6a	MmuINT0031903	chr5	1.3E+08	1.3E+08	+	0.002657
Cct7	MmuINT0031919	chr6	85417780	85418046	+	0.002693
Cct7	MmuINT0031920	chr6	85409263	85409935	+	0.000059
Cct7	MmuINT0031921	chr6	85410043	85411038	+	0.002267
Cct7	MmuINT0031922	chr6	85411165	85411501	+	0.004108
Cct7	MmuINT0031923	chr6	85411555	85412019	+	0.003632
Cct7	MmuINT0031924	chr6	85412192	85414773	+	0.003423
Cct7	MmuINT0031925	chr6	85414939	85415893	+	0.000682
Cct7	MmuINT0031926	chr6	85416083	85416617	+	0.001124

Cct7	MmuINT0031927	chr6	85416716	85417020	+	0.005369
Cct8	MmuINT0031928	chr16	87494673	87495973	-	0.002141
Cct8	MmuINT0031929	chr16	87486597	87486677	-	0.008105
Cct8	MmuINT0031930	chr16	87486151	87486480	-	0.019169
Cct8	MmuINT0031931	chr16	87485990	87486078	-	0.008152
Cct8	MmuINT0031932	chr16	87485169	87485824	-	0.00614
Cct8	MmuINT0031933	chr16	87484311	87485048	-	0.007687
Cct8	MmuINT0031934	chr16	87494032	87494581	-	0.00225
Cct8	MmuINT0031935	chr16	87491697	87493951	-	0.008732
Cct8	MmuINT0031936	chr16	87490911	87491546	-	0.001381
Cct8	MmuINT0031937	chr16	87490628	87490729	-	0.001524
Cct8	MmuINT0031938	chr16	87489190	87490565	-	0.004567
Cct8	MmuINT0031939	chr16	87487958	87489051	-	0.002482
Cct8	MmuINT0031940	chr16	87486907	87487778	-	0.012092
Cct8	MmuINT0031941	chr16	87486766	87486839	-	0.013456
Cd14	MmuINT0031983	chr18	36886052	36886142	-	0.073938
Cd151	MmuINT0031985	chr7	1.49E+08	1.49E+08	+	0.0694
Cd151	MmuINT0031986	chr7	1.49E+08	1.49E+08	+	0.016869
Cd151	MmuINT0031987	chr7	1.49E+08	1.49E+08	+	0.001318
Cd151	MmuINT0031988	chr7	1.49E+08	1.49E+08	+	0.004802
Cd151	MmuINT0031989	chr7	1.49E+08	1.49E+08	+	0.009856
Cd151	MmuINT0031990	chr7	1.49E+08	1.49E+08	+	0.0025
Cd151	MmuINT0031991	chr7	1.49E+08	1.49E+08	+	0.007755
Cd163	MmuINT0031998	chr6	1.24E+08	1.24E+08	+	0.075546
Cd163	MmuINT0031999	chr6	1.24E+08	1.24E+08	+	0.041102
Cd163	MmuINT0032000	chr6	1.24E+08	1.24E+08	+	0.046927
Cd163	MmuINT0032001	chr6	1.24E+08	1.24E+08	+	0.119782
Cd163	MmuINT0032002	chr6	1.24E+08	1.24E+08	+	0.105324
Cd163	MmuINT0032003	chr6	1.24E+08	1.24E+08	+	0.150575
Cd163	MmuINT0032004	chr6	1.24E+08	1.24E+08	+	0.925112
Cd163	MmuINT0032005	chr6	1.24E+08	1.24E+08	+	0.064952
Cd163	MmuINT0032006	chr6	1.24E+08	1.24E+08	+	0.034137
Cd163	MmuINT0032007	chr6	1.24E+08	1.24E+08	+	0.026329
Cd163	MmuINT0032008	chr6	1.24E+08	1.24E+08	+	0.066491
Cd163	MmuINT0032009	chr6	1.24E+08	1.24E+08	+	0.152888
Cd163	MmuINT0032010	chr6	1.24E+08	1.24E+08	+	0.127079
Cd163	MmuINT0032011	chr6	1.24E+08	1.24E+08	+	0.105918
Cd163	MmuINT0032012	chr6	1.24E+08	1.24E+08	+	0.075679
Cd164	MmuINT0032026	chr10	41239507	41241723	+	0.003402
Cd164	MmuINT0032027	chr10	41241814	41242978	+	0.005003
Cd164	MmuINT0032028	chr10	41243051	41243912	+	0.004808
Cd164	MmuINT0032029	chr10	41243952	41246632	+	0.015221
Cd164	MmuINT0032030	chr10	41246690	41248477	+	0.013746
Cd1d1	MmuINT0032068	chr3	86802828	86803113	-	0.020582
Cd200	MmuINT0032082	chr16	45400417	45408968	-	0.064575
Cd200	MmuINT0032083	chr16	45397409	45400334	-	0.041763
Cd200	MmuINT0032085	chr16	45392502	45394705	-	0.025191
Cd200	MmuINT0032086	chr16	45383571	45392357	-	0.026094
Cd274	MmuINT0032199	chr19	29448390	29454793	+	0.090355
Cd274	MmuINT0032201	chr19	29457077	29458573	+	0.05515

Cd2ap	MmuINT0032212	chr17	42989478	43013261	-	0.0086
Cd2ap	MmuINT0032213	chr17	42957607	42959297	-	0.04078
Cd2ap	MmuINT0032214	chr17	42953542	42957543	-	0.032958
Cd2ap	MmuINT0032217	chr17	42944965	42945679	-	0.008639
Cd2ap	MmuINT0032218	chr17	42942285	42944862	-	0.011224
Cd2ap	MmuINT0032219	chr17	42935608	42942108	-	0.01575
Cd2ap	MmuINT0032227	chr17	42961528	42962785	-	0.007902
Cd2bp2	MmuINT0032229	chr7	1.34E+08	1.34E+08	-	0.062739
Cd2bp2	MmuINT0032230	chr7	1.34E+08	1.34E+08	-	0.010521
Cd2bp2	MmuINT0032231	chr7	1.34E+08	1.34E+08	-	0.016196
Cd2bp2	MmuINT0032232	chr7	1.34E+08	1.34E+08	-	0.015456
Cd300a	MmuINT0032235	chr11	1.15E+08	1.15E+08	+	0.043499
Cd300a	MmuINT0032238	chr11	1.15E+08	1.15E+08	+	0.087733
Cd300a	MmuINT0032240	chr11	1.15E+08	1.15E+08	+	0.11136
Cd300ld	MmuINT0032250	chr11	1.15E+08	1.15E+08	-	0.054585
Cd300ld	MmuINT0032251	chr11	1.15E+08	1.15E+08	-	0.041912
Cd300lg	MmuINT0032259	chr11	1.02E+08	1.02E+08	+	0.095548
Cd300lg	MmuINT0032261	chr11	1.02E+08	1.02E+08	+	0.010044
Cd300lg	MmuINT0032262	chr11	1.02E+08	1.02E+08	+	0.012097
Cd300lg	MmuINT0032263	chr11	1.02E+08	1.02E+08	+	0.028253
Cd300lg	MmuINT0032264	chr11	1.02E+08	1.02E+08	+	0.121252
Cd300lg	MmuINT0032265	chr11	1.02E+08	1.02E+08	+	0.010873
Cd302	MmuINT0032266	chr2	60110270	60122116	-	0.021206
Cd302	MmuINT0032267	chr2	60096057	60110158	-	0.024141
Cd302	MmuINT0032268	chr2	60095261	60095939	-	0.021651
Cd320	MmuINT0032270	chr17	33980237	33982960	+	0.011327
Cd320	MmuINT0032271	chr17	33983087	33984439	+	0.044562
Cd320	MmuINT0032272	chr17	33984671	33984961	+	0.02117
Cd320	MmuINT0032273	chr17	33985124	33985230	+	0.014789
Cd33	MmuINT0032276	chr7	50788353	50788427	-	0.045676
Cd33	MmuINT0032277	chr7	50787687	50787971	-	0.556272
Cd33	MmuINT0032278	chr7	50785676	50787407	-	0.054627
Cd33	MmuINT0032279	chr7	50785303	50785581	-	0.141135
Cd33	MmuINT0032280	chr7	50784379	50785235	-	0.532744
Cd34	MmuINT0032281	chr1	1.97E+08	1.97E+08	+	0.0058
Cd34	MmuINT0032282	chr1	1.97E+08	1.97E+08	+	0.005201
Cd34	MmuINT0032283	chr1	1.97E+08	1.97E+08	+	0.002528
Cd34	MmuINT0032284	chr1	1.97E+08	1.97E+08	+	0.005403
Cd34	MmuINT0032285	chr1	1.97E+08	1.97E+08	+	0.045624
Cd34	MmuINT0032286	chr1	1.97E+08	1.97E+08	+	0.298809
Cd36	MmuINT0032288	chr5	17303002	17304046	-	0.000343
Cd36	MmuINT0032289	chr5	17301516	17302813	-	0.000263
Cd36	MmuINT0032290	chr5	17294144	17301396	-	0.000469
Cd36	MmuINT0032291	chr5	17293559	17294069	-	0.000298
Cd36	MmuINT0032292	chr5	17291705	17293503	-	0.000237
Cd36	MmuINT0032293	chr5	17289168	17291539	-	0.008748
Cd36	MmuINT0032294	chr5	17335368	17341435	-	0.000671
Cd36	MmuINT0032295	chr5	17334803	17335273	-	0.000318
Cd36	MmuINT0032296	chr5	17320639	17326257	-	0.000329
Cd36	MmuINT0032297	chr5	17320111	17320490	-	0.000929

Cd36	MmuINT0032298	chr5	17318923	17319930	-	0.000182
Cd36	MmuINT0032299	chr5	17317046	17318830	-	0.000311
Cd36	MmuINT0032300	chr5	17304117	17316998	-	0.000655
Cd37	MmuINT0032302	chr7	52492655	52493869	-	0.107109
Cd37	MmuINT0032303	chr7	52492447	52492529	-	0.056104
Cd37	MmuINT0032304	chr7	52491590	52492371	-	0.063062
Cd37	MmuINT0032305	chr7	52491014	52491484	-	0.047075
Cd37	MmuINT0032306	chr7	52490138	52490776	-	0.300481
Cd37	MmuINT0032307	chr7	52489349	52490053	-	0.399737
Cd38	MmuINT0032308	chr5	44260360	44291571	+	0.083943
Cd38	MmuINT0032309	chr5	44291702	44292659	+	0.022867
Cd38	MmuINT0032310	chr5	44292796	44294833	+	0.048993
Cd38	MmuINT0032311	chr5	44294920	44297402	+	0.083288
Cd38	MmuINT0032312	chr5	44297477	44298751	+	0.05744
Cd38	MmuINT0032313	chr5	44298845	44299161	+	0.096607
Cd38	MmuINT0032314	chr5	44299249	44301518	+	0.050894
Cd3eap	MmuINT0032326	chr7	19944581	19944736	-	0.019095
Cd3eap	MmuINT0032327	chr7	19943366	19944438	-	0.023406
Cd44	MmuINT0032360	chr2	1.03E+08	1.03E+08	-	0.052954
Cd44	MmuINT0032368	chr2	1.03E+08	1.03E+08	-	0.049741
Cd44	MmuINT0032369	chr2	1.03E+08	1.03E+08	-	0.048058
Cd44	MmuINT0032370	chr2	1.03E+08	1.03E+08	-	0.05423
Cd44	MmuINT0032371	chr2	1.03E+08	1.03E+08	-	0.045936
Cd44	MmuINT0032372	chr2	1.03E+08	1.03E+08	-	0.056963
Cd47	MmuINT0032388	chr16	49855946	49867877	+	0.005033
Cd47	MmuINT0032389	chr16	49868226	49869130	+	0.022133
Cd47	MmuINT0032390	chr16	49869194	49884277	+	0.037868
Cd47	MmuINT0032391	chr16	49884368	49894289	+	0.003807
Cd47	MmuINT0032392	chr16	49894398	49895481	+	0.003639
Cd47	MmuINT0032393	chr16	49895575	49896468	+	0.004853
Cd47	MmuINT0032394	chr16	49896562	49898152	+	0.003124
Cd47	MmuINT0032395	chr16	49898246	49906893	+	0.015721
Cd47	MmuINT0032396	chr16	49906926	49910981	+	0.004187
Cd48	MmuINT0032397	chr1	1.74E+08	1.74E+08	+	0.058952
Cd48	MmuINT0032398	chr1	1.74E+08	1.74E+08	+	0.054477
Cd48	MmuINT0032399	chr1	1.74E+08	1.74E+08	+	0.209417
Cd52	MmuINT0032410	chr4	1.34E+08	1.34E+08	-	0.031601
Cd53	MmuINT0032412	chr3	1.07E+08	1.07E+08	-	0.058434
Cd53	MmuINT0032413	chr3	1.07E+08	1.07E+08	-	0.10357
Cd53	MmuINT0032414	chr3	1.07E+08	1.07E+08	-	0.106751
Cd53	MmuINT0032415	chr3	1.07E+08	1.07E+08	-	0.049482
Cd53	MmuINT0032416	chr3	1.07E+08	1.07E+08	-	0.049589
Cd53	MmuINT0032417	chr3	1.07E+08	1.07E+08	-	0.083292
Cd59a	MmuINT0032430	chr2	1.04E+08	1.04E+08	+	0.002341
Cd59a	MmuINT0032431	chr2	1.04E+08	1.04E+08	+	0.022371
Cd59b	MmuINT0032433	chr2	1.04E+08	1.04E+08	+	0.014634
Cd63	MmuINT0032454	chr10	1.28E+08	1.28E+08	+	0.000569
Cd68	MmuINT0032461	chr11	69479439	69479521	-	0.080603
Cd68	MmuINT0032463	chr11	69478616	69478748	-	0.057978
Cd68	MmuINT0032464	chr11	69478424	69478536	-	0.040991

Cd68	MmuINT0032465	chr11	69478007	69478252	-	0.090066
Cd72	MmuINT0032478	chr4	43467222	43467317	-	0.174578
Cd72	MmuINT0032481	chr4	43465512	43465954	-	0.061445
Cd72	MmuINT0032482	chr4	43463094	43465178	-	0.11036
Cd74	MmuINT0032486	chr18	60963665	60967561	+	0.006538
Cd74	MmuINT0032487	chr18	60967732	60967885	+	0.002876
Cd74	MmuINT0032488	chr18	60967966	60968681	+	0.002682
Cd74	MmuINT0032489	chr18	60968745	60969635	+	0.00262
Cd74	MmuINT0032490	chr18	60969729	60969981	+	0.002814
Cd74	MmuINT0032491	chr18	60970073	60971512	+	0.030774
Cd74	MmuINT0032492	chr18	60971576	60971805	+	0.01222
Cd81	MmuINT0032506	chr7	1.5E+08	1.5E+08	+	0.006977
Cd81	MmuINT0032507	chr7	1.5E+08	1.5E+08	+	0.008114
Cd81	MmuINT0032508	chr7	1.5E+08	1.5E+08	+	0.007484
Cd81	MmuINT0032509	chr7	1.5E+08	1.5E+08	+	0.008164
Cd81	MmuINT0032510	chr7	1.5E+08	1.5E+08	+	0.001192
Cd81	MmuINT0032511	chr7	1.5E+08	1.5E+08	+	0.00091
Cd82	MmuINT0032513	chr2	93277628	93283525	-	0.037164
Cd82	MmuINT0032514	chr2	93274091	93277544	-	0.023711
Cd82	MmuINT0032515	chr2	93270413	93274017	-	0.033448
Cd82	MmuINT0032516	chr2	93270177	93270287	-	0.028752
Cd82	MmuINT0032517	chr2	93262086	93270101	-	0.024157
Cd82	MmuINT0032518	chr2	93260913	93261983	-	0.016725
Cd82	MmuINT0032519	chr2	93260481	93260711	-	0.022416
Cd82	MmuINT0032520	chr2	93260100	93260396	-	0.01866
Cd84	MmuINT0032526	chr1	1.74E+08	1.74E+08	+	0.068665
Cd86	MmuINT0032535	chr16	36618713	36620789	-	0.064825
Cd86	MmuINT0032536	chr16	36615443	36618415	-	0.115693
Cd9	MmuINT0032550	chr6	1.25E+08	1.25E+08	-	0.002576
Cd9	MmuINT0032551	chr6	1.25E+08	1.25E+08	-	0.006191
Cd9	MmuINT0032552	chr6	1.25E+08	1.25E+08	-	0.006491
Cd9	MmuINT0032553	chr6	1.25E+08	1.25E+08	-	0.01665
Cd9	MmuINT0032554	chr6	1.25E+08	1.25E+08	-	0.015377
Cd9	MmuINT0032555	chr6	1.25E+08	1.25E+08	-	0.012004
Cd9	MmuINT0032556	chr6	1.25E+08	1.25E+08	-	0.008581
Cd93	MmuINT0032557	chr2	1.48E+08	1.48E+08	-	0.024519
Cd97	MmuINT0032573	chr8	86258252	86265005	-	0.054777
Cd97	MmuINT0032574	chr8	86249929	86251643	-	0.012901
Cd97	MmuINT0032575	chr8	86249246	86249763	-	0.011277
Cd97	MmuINT0032576	chr8	86248898	86249053	-	0.021738
Cd97	MmuINT0032577	chr8	86248587	86248667	-	0.067905
Cd97	MmuINT0032578	chr8	86248429	86248516	-	0.127394
Cd97	MmuINT0032579	chr8	86248260	86248336	-	0.118315
Cd97	MmuINT0032580	chr8	86247977	86248090	-	0.018191
Cd97	MmuINT0032581	chr8	86247802	86247877	-	0.019925
Cd97	MmuINT0032582	chr8	86257466	86257907	-	0.036442
Cd97	MmuINT0032583	chr8	86253425	86257312	-	0.219843
Cd97	MmuINT0032584	chr8	86253203	86253280	-	0.019816
Cd97	MmuINT0032585	chr8	86253034	86253155	-	0.011614
Cd97	MmuINT0032586	chr8	86252340	86252955	-	0.019366

Cd97	MmuINT0032587	chr8	86252111	86252179	-	0.043552
Cd97	MmuINT0032588	chr8	86251868	86251993	-	0.006015
Cd97	MmuINT0032591	chr8	86254157	86255801	-	0.197535
Cd99l2	MmuINT0032593	chrX	68703849	68745696	-	0.003651
Cd99l2	MmuINT0032594	chrX	68694321	68703785	-	0.00775
Cd99l2	MmuINT0032595	chrX	68693787	68694248	-	0.005416
Cd99l2	MmuINT0032596	chrX	68691375	68693699	-	0.004291
Cd99l2	MmuINT0032597	chrX	68683525	68691308	-	0.010304
Cd99l2	MmuINT0032598	chrX	68682342	68683485	-	0.006933
Cd99l2	MmuINT0032599	chrX	68677265	68682221	-	0.009965
Cd99l2	MmuINT0032600	chrX	68675925	68677198	-	0.008801
Cdadcl	MmuINT0032606	chr14	60215797	60216591	-	0.004392
Cdadcl	MmuINT0032607	chr14	60211373	60215698	-	0.005167
Cdadcl	MmuINT0032608	chr14	60208803	60211297	-	0.007158
Cdadcl	MmuINT0032609	chr14	60205446	60208624	-	0.003409
Cdadcl	MmuINT0032610	chr14	60200212	60204875	-	0.037886
Cdadcl	MmuINT0032611	chr14	60194741	60200161	-	0.005388
Cdadcl	MmuINT0032612	chr14	60192674	60194570	-	0.003962
Cdadcl	MmuINT0032613	chr14	60187846	60192483	-	0.035319
Cdan1	MmuINT0032615	chr2	1.21E+08	1.21E+08	-	0.210042
Cdan1	MmuINT0032616	chr2	1.21E+08	1.21E+08	-	0.093529
Cdan1	MmuINT0032617	chr2	1.21E+08	1.21E+08	-	0.036447
Cdan1	MmuINT0032618	chr2	1.21E+08	1.21E+08	-	0.028243
Cdan1	MmuINT0032619	chr2	1.21E+08	1.21E+08	-	0.025613
Cdan1	MmuINT0032620	chr2	1.21E+08	1.21E+08	-	0.030117
Cdan1	MmuINT0032621	chr2	1.21E+08	1.21E+08	-	0.033195
Cdan1	MmuINT0032622	chr2	1.21E+08	1.21E+08	-	0.042415
Cdan1	MmuINT0032623	chr2	1.21E+08	1.21E+08	-	0.084315
Cdan1	MmuINT0032624	chr2	1.21E+08	1.21E+08	-	0.022392
Cdan1	MmuINT0032625	chr2	1.21E+08	1.21E+08	-	0.027202
Cdan1	MmuINT0032626	chr2	1.21E+08	1.21E+08	-	0.538421
Cdan1	MmuINT0032627	chr2	1.21E+08	1.21E+08	-	0.096507
Cdan1	MmuINT0032628	chr2	1.21E+08	1.21E+08	-	0.251175
Cdan1	MmuINT0032629	chr2	1.21E+08	1.21E+08	-	0.097897
Cdan1	MmuINT0032631	chr2	1.21E+08	1.21E+08	-	0.164881
Cdan1	MmuINT0032632	chr2	1.21E+08	1.21E+08	-	0.221177
Cdan1	MmuINT0032633	chr2	1.21E+08	1.21E+08	-	0.137889
Cdan1	MmuINT0032634	chr2	1.21E+08	1.21E+08	-	0.070676
Cdan1	MmuINT0032635	chr2	1.21E+08	1.21E+08	-	0.442899
Cdan1	MmuINT0032636	chr2	1.21E+08	1.21E+08	-	0.090661
Cdan1	MmuINT0032639	chr2	1.21E+08	1.21E+08	-	0.066802
Cdan1	MmuINT0032640	chr2	1.21E+08	1.21E+08	-	0.067351
Cdc123	MmuINT0032642	chr2	5763071	5765880	-	0.0037
Cdc123	MmuINT0032643	chr2	5719536	5724992	-	0.018697
Cdc123	MmuINT0032644	chr2	5716733	5719406	-	0.012609
Cdc123	MmuINT0032645	chr2	5715927	5716594	-	0.015168
Cdc123	MmuINT0032646	chr2	5754760	5762998	-	0.004234
Cdc123	MmuINT0032647	chr2	5754160	5754701	-	0.005117
Cdc123	MmuINT0032648	chr2	5744244	5754126	-	0.005383
Cdc123	MmuINT0032649	chr2	5742429	5744147	-	0.014414

Cdc123	MmuINT0032650	chr2	5731891	5742321	-	0.004322
Cdc123	MmuINT0032651	chr2	5728553	5731841	-	0.008281
Cdc123	MmuINT0032652	chr2	5726080	5728476	-	0.008706
Cdc123	MmuINT0032653	chr2	5725022	5725956	-	0.006762
Cdc14a	MmuINT0032661	chr3	1.16E+08	1.16E+08	-	0.104369
Cdc14b	MmuINT0032670	chr13	64348627	64349712	-	0.063178
Cdc14b	MmuINT0032671	chr13	64311394	64311502	-	0.036798
Cdc14b	MmuINT0032672	chr13	64310513	64311233	-	0.030886
Cdc14b	MmuINT0032673	chr13	64306726	64310414	-	0.07844
Cdc14b	MmuINT0032681	chr13	64317039	64317519	-	0.034733
Cdc14b	MmuINT0032682	chr13	64311642	64316807	-	0.027471
Cdc16	MmuINT0032684	chr8	13757855	13758997	+	0.053816
Cdc16	MmuINT0032685	chr8	13767588	13768560	+	0.050956
Cdc16	MmuINT0032686	chr8	13768635	13769376	+	0.065704
Cdc16	MmuINT0032687	chr8	13769503	13771297	+	0.038116
Cdc16	MmuINT0032688	chr8	13771451	13773340	+	0.007668
Cdc16	MmuINT0032689	chr8	13773405	13775707	+	0.040659
Cdc16	MmuINT0032690	chr8	13775770	13777471	+	0.016829
Cdc16	MmuINT0032691	chr8	13777608	13779227	+	0.015276
Cdc16	MmuINT0032692	chr8	13779319	13781371	+	0.019178
Cdc16	MmuINT0032693	chr8	13759053	13759139	+	0.033071
Cdc16	MmuINT0032694	chr8	13759238	13760529	+	0.013649
Cdc16	MmuINT0032695	chr8	13760569	13760976	+	0.009205
Cdc16	MmuINT0032696	chr8	13761118	13762850	+	0.007478
Cdc16	MmuINT0032697	chr8	13763011	13763819	+	0.014476
Cdc16	MmuINT0032698	chr8	13763912	13764568	+	0.009316
Cdc16	MmuINT0032699	chr8	13764703	13766417	+	0.009483
Cdc16	MmuINT0032700	chr8	13766498	13767537	+	0.011073
Cdc20	MmuINT0032702	chr4	1.18E+08	1.18E+08	-	0.089253
Cdc20	MmuINT0032703	chr4	1.18E+08	1.18E+08	-	0.04413
Cdc20	MmuINT0032704	chr4	1.18E+08	1.18E+08	-	0.025482
Cdc20	MmuINT0032707	chr4	1.18E+08	1.18E+08	-	0.010637
Cdc20	MmuINT0032709	chr4	1.18E+08	1.18E+08	-	0.01679
Cdc23	MmuINT0032710	chr18	34811117	34811200	-	0.040649
Cdc23	MmuINT0032711	chr18	34796833	34796973	-	0.006132
Cdc23	MmuINT0032712	chr18	34796433	34796712	-	0.034707
Cdc23	MmuINT0032713	chr18	34796002	34796356	-	0.029991
Cdc23	MmuINT0032714	chr18	34794321	34795939	-	0.036162
Cdc23	MmuINT0032715	chr18	34794167	34794241	-	0.035931
Cdc23	MmuINT0032716	chr18	34793819	34794046	-	0.010921
Cdc23	MmuINT0032717	chr18	34806694	34811043	-	0.015501
Cdc23	MmuINT0032718	chr18	34804763	34806555	-	0.018538
Cdc23	MmuINT0032719	chr18	34803785	34804719	-	0.05008
Cdc23	MmuINT0032720	chr18	34803586	34803678	-	0.010506
Cdc23	MmuINT0032721	chr18	34801305	34803452	-	0.010997
Cdc23	MmuINT0032722	chr18	34801047	34801126	-	0.008784
Cdc23	MmuINT0032723	chr18	34800832	34800948	-	0.008964
Cdc23	MmuINT0032724	chr18	34797128	34800749	-	0.008229
Cdc25a	MmuINT0032725	chr9	1.1E+08	1.1E+08	+	0.04157
Cdc25a	MmuINT0032728	chr9	1.1E+08	1.1E+08	+	0.06266



Cdc25a	MmuINT0032729	chr9	1.1E+08	1.1E+08	+	0.058551
Cdc25a	MmuINT0032730	chr9	1.1E+08	1.1E+08	+	0.02606
Cdc25a	MmuINT0032735	chr9	1.1E+08	1.1E+08	+	0.042739
Cdc25a	MmuINT0032736	chr9	1.1E+08	1.1E+08	+	0.054146
Cdc25a	MmuINT0032738	chr9	1.1E+08	1.1E+08	+	0.051492
Cdc25b	MmuINT0032742	chr2	1.31E+08	1.31E+08	+	0.301099
Cdc25b	MmuINT0032743	chr2	1.31E+08	1.31E+08	+	0.233446
Cdc25b	MmuINT0032746	chr2	1.31E+08	1.31E+08	+	0.047717
Cdc25b	MmuINT0032752	chr2	1.31E+08	1.31E+08	+	0.501688
Cdc26	MmuINT0032769	chr4	62063950	62065489	-	0.003064
Cdc27	MmuINT0032771	chr11	1.04E+08	1.04E+08	-	0.100074
Cdc27	MmuINT0032772	chr11	1.04E+08	1.04E+08	-	0.015426
Cdc27	MmuINT0032773	chr11	1.04E+08	1.04E+08	-	0.030706
Cdc27	MmuINT0032774	chr11	1.04E+08	1.04E+08	-	0.038945
Cdc27	MmuINT0032775	chr11	1.04E+08	1.04E+08	-	0.017611
Cdc27	MmuINT0032776	chr11	1.04E+08	1.04E+08	-	0.020747
Cdc27	MmuINT0032777	chr11	1.04E+08	1.04E+08	-	0.059297
Cdc27	MmuINT0032778	chr11	1.04E+08	1.04E+08	-	0.020393
Cdc27	MmuINT0032779	chr11	1.04E+08	1.04E+08	-	0.02828
Cdc27	MmuINT0032780	chr11	1.04E+08	1.04E+08	-	0.027392
Cdc27	MmuINT0032781	chr11	1.04E+08	1.04E+08	-	0.038959
Cdc27	MmuINT0032783	chr11	1.04E+08	1.04E+08	-	0.03598
Cdc27	MmuINT0032784	chr11	1.04E+08	1.04E+08	-	0.061256
Cdc27	MmuINT0032785	chr11	1.04E+08	1.04E+08	-	0.052726
Cdc27	MmuINT0032786	chr11	1.04E+08	1.04E+08	-	0.076028
Cdc27	MmuINT0032787	chr11	1.04E+08	1.04E+08	-	0.023189
Cdc27	MmuINT0032788	chr11	1.04E+08	1.04E+08	-	0.021728
Cdc34	MmuINT0032790	chr10	79147650	79147749	+	0.000838
Cdc37	MmuINT0032793	chr9	20947670	20954199	-	0.002334
Cdc37	MmuINT0032794	chr9	20946975	20947390	-	0.008174
Cdc37	MmuINT0032795	chr9	20946773	20946865	-	0.00132
Cdc37	MmuINT0032796	chr9	20946578	20946656	-	0.005235
Cdc37	MmuINT0032797	chr9	20945580	20946454	-	0.001484
Cdc37	MmuINT0032798	chr9	20945274	20945396	-	0.001262
Cdc37	MmuINT0032799	chr9	20944408	20945201	-	0.001567
Cdc37l1	MmuINT0032800	chr19	29065160	29069530	+	0.003195
Cdc37l1	MmuINT0032801	chr19	29069813	29073750	+	0.005688
Cdc37l1	MmuINT0032802	chr19	29073842	29081461	+	0.003815
Cdc37l1	MmuINT0032803	chr19	29081578	29082062	+	0.004276
Cdc37l1	MmuINT0032804	chr19	29082186	29086378	+	0.010774
Cdc37l1	MmuINT0032805	chr19	29086544	29090495	+	0.174418
Cdc40	MmuINT0032806	chr10	40587717	40602692	-	0.012217
Cdc40	MmuINT0032807	chr10	40561622	40562847	-	0.024945
Cdc40	MmuINT0032808	chr10	40561294	40561505	-	0.013938
Cdc40	MmuINT0032809	chr10	40556171	40561159	-	0.031098
Cdc40	MmuINT0032810	chr10	40554127	40556093	-	0.015093
Cdc40	MmuINT0032811	chr10	40553163	40553981	-	0.02883
Cdc40	MmuINT0032812	chr10	40577483	40587629	-	0.012677
Cdc40	MmuINT0032813	chr10	40572387	40577352	-	0.013252
Cdc40	MmuINT0032814	chr10	40570876	40572302	-	0.011869

Cdc40	MmuINT0032815	chr10	40569648	40570735	-	0.009854
Cdc40	MmuINT0032816	chr10	40567870	40569550	-	0.010081
Cdc40	MmuINT0032817	chr10	40567011	40567729	-	0.013925
Cdc40	MmuINT0032818	chr10	40564813	40566935	-	0.037624
Cdc40	MmuINT0032819	chr10	40562950	40564766	-	0.020876
Cdc42	MmuINT0032820	chr4	1.37E+08	1.37E+08	-	0.005985
Cdc42	MmuINT0032822	chr4	1.37E+08	1.37E+08	-	0.000264
Cdc42bpa	MmuINT0032825	chr1	1.82E+08	1.82E+08	+	0.02098
Cdc42bpa	MmuINT0032826	chr1	1.82E+08	1.82E+08	+	0.016884
Cdc42bpa	MmuINT0032827	chr1	1.82E+08	1.82E+08	+	0.014397
Cdc42bpa	MmuINT0032828	chr1	1.82E+08	1.82E+08	+	0.038987
Cdc42bpa	MmuINT0032829	chr1	1.82E+08	1.82E+08	+	0.051089
Cdc42bpa	MmuINT0032830	chr1	1.82E+08	1.82E+08	+	0.017591
Cdc42bpa	MmuINT0032831	chr1	1.82E+08	1.82E+08	+	0.029229
Cdc42bpa	MmuINT0032832	chr1	1.82E+08	1.82E+08	+	0.022062
Cdc42bpa	MmuINT0032833	chr1	1.82E+08	1.82E+08	+	0.012857
Cdc42bpa	MmuINT0032834	chr1	1.82E+08	1.82E+08	+	0.01565
Cdc42bpa	MmuINT0032835	chr1	1.82E+08	1.82E+08	+	0.01874
Cdc42bpa	MmuINT0032836	chr1	1.82E+08	1.82E+08	+	0.023661
Cdc42bpa	MmuINT0032837	chr1	1.82E+08	1.82E+08	+	0.022623
Cdc42bpa	MmuINT0032840	chr1	1.82E+08	1.82E+08	+	0.018244
Cdc42bpa	MmuINT0032841	chr1	1.82E+08	1.82E+08	+	0.018164
Cdc42bpa	MmuINT0032842	chr1	1.82E+08	1.82E+08	+	0.016084
Cdc42bpa	MmuINT0032843	chr1	1.82E+08	1.82E+08	+	0.020976
Cdc42bpa	MmuINT0032844	chr1	1.82E+08	1.82E+08	+	0.013991
Cdc42bpa	MmuINT0032845	chr1	1.82E+08	1.82E+08	+	0.015747
Cdc42bpa	MmuINT0032846	chr1	1.82E+08	1.82E+08	+	0.018505
Cdc42bpa	MmuINT0032847	chr1	1.82E+08	1.82E+08	+	0.024277
Cdc42bpa	MmuINT0032848	chr1	1.82E+08	1.82E+08	+	0.010398
Cdc42bpa	MmuINT0032849	chr1	1.82E+08	1.82E+08	+	0.02049
Cdc42bpa	MmuINT0032850	chr1	1.82E+08	1.82E+08	+	0.01931
Cdc42bpa	MmuINT0032851	chr1	1.82E+08	1.82E+08	+	0.015996
Cdc42bpa	MmuINT0032852	chr1	1.82E+08	1.82E+08	+	0.053757
Cdc42bpa	MmuINT0032853	chr1	1.82E+08	1.82E+08	+	0.021774
Cdc42bpa	MmuINT0032854	chr1	1.82E+08	1.82E+08	+	0.009833
Cdc42bpa	MmuINT0032855	chr1	1.82E+08	1.82E+08	+	0.028039
Cdc42bpa	MmuINT0032856	chr1	1.82E+08	1.82E+08	+	0.02798
Cdc42bpa	MmuINT0032857	chr1	1.82E+08	1.82E+08	+	0.024412
Cdc42bpa	MmuINT0032858	chr1	1.82E+08	1.82E+08	+	0.018355
Cdc42bpa	MmuINT0032859	chr1	1.82E+08	1.82E+08	+	0.028772
Cdc42bpa	MmuINT0032860	chr1	1.82E+08	1.82E+08	+	0.018774
Cdc42bpb	MmuINT0032861	chr12	1.13E+08	1.13E+08	-	0.008611
Cdc42bpb	MmuINT0032862	chr12	1.13E+08	1.13E+08	-	0.005176
Cdc42bpb	MmuINT0032863	chr12	1.13E+08	1.13E+08	-	0.005485
Cdc42bpb	MmuINT0032864	chr12	1.13E+08	1.13E+08	-	0.006265
Cdc42bpb	MmuINT0032865	chr12	1.13E+08	1.13E+08	-	0.007573
Cdc42bpb	MmuINT0032866	chr12	1.13E+08	1.13E+08	-	0.005892
Cdc42bpb	MmuINT0032867	chr12	1.13E+08	1.13E+08	-	0.004574
Cdc42bpb	MmuINT0032868	chr12	1.13E+08	1.13E+08	-	0.006577
Cdc42bpb	MmuINT0032869	chr12	1.13E+08	1.13E+08	-	0.007871

Cdc42bpb	MmuINT0032870	chr12	1.13E+08	1.13E+08	-	0.007015
Cdc42bpb	MmuINT0032871	chr12	1.13E+08	1.13E+08	-	0.004855
Cdc42bpb	MmuINT0032872	chr12	1.13E+08	1.13E+08	-	0.010445
Cdc42bpb	MmuINT0032873	chr12	1.13E+08	1.13E+08	-	0.095337
Cdc42bpb	MmuINT0032874	chr12	1.13E+08	1.13E+08	-	0.097045
Cdc42bpb	MmuINT0032875	chr12	1.13E+08	1.13E+08	-	0.007259
Cdc42bpb	MmuINT0032876	chr12	1.13E+08	1.13E+08	-	0.008276
Cdc42bpb	MmuINT0032877	chr12	1.13E+08	1.13E+08	-	0.007422
Cdc42bpb	MmuINT0032878	chr12	1.13E+08	1.13E+08	-	0.050456
Cdc42bpb	MmuINT0032879	chr12	1.13E+08	1.13E+08	-	0.023132
Cdc42bpb	MmuINT0032880	chr12	1.13E+08	1.13E+08	-	0.006001
Cdc42bpb	MmuINT0032881	chr12	1.13E+08	1.13E+08	-	0.008607
Cdc42bpb	MmuINT0032882	chr12	1.13E+08	1.13E+08	-	0.014263
Cdc42bpb	MmuINT0032883	chr12	1.13E+08	1.13E+08	-	0.013094
Cdc42bpb	MmuINT0032884	chr12	1.13E+08	1.13E+08	-	0.081672
Cdc42bpb	MmuINT0032885	chr12	1.13E+08	1.13E+08	-	0.029583
Cdc42bpb	MmuINT0032886	chr12	1.13E+08	1.13E+08	-	0.006547
Cdc42bpb	MmuINT0032887	chr12	1.13E+08	1.13E+08	-	0.016322
Cdc42bpb	MmuINT0032888	chr12	1.13E+08	1.13E+08	-	0.037385
Cdc42bpb	MmuINT0032889	chr12	1.13E+08	1.13E+08	-	0.018456
Cdc42bpb	MmuINT0032890	chr12	1.13E+08	1.13E+08	-	0.043751
Cdc42bpb	MmuINT0032891	chr12	1.13E+08	1.13E+08	-	0.007699
Cdc42bpb	MmuINT0032892	chr12	1.13E+08	1.13E+08	-	0.009997
Cdc42bpb	MmuINT0032893	chr12	1.13E+08	1.13E+08	-	0.008422
Cdc42bpb	MmuINT0032894	chr12	1.13E+08	1.13E+08	-	0.00697
Cdc42bpb	MmuINT0032895	chr12	1.13E+08	1.13E+08	-	0.005759
Cdc42bpb	MmuINT0032896	chr12	1.13E+08	1.13E+08	-	0.006703
Cdc42bpg	MmuINT0032897	chr19	6306876	6309125	+	0.042706
Cdc42bpg	MmuINT0032898	chr19	6313317	6313414	+	0.023189
Cdc42bpg	MmuINT0032899	chr19	6313496	6313688	+	0.029326
Cdc42bpg	MmuINT0032900	chr19	6313796	6313890	+	0.015721
Cdc42bpg	MmuINT0032901	chr19	6314071	6314284	+	0.020481
Cdc42bpg	MmuINT0032902	chr19	6314366	6314495	+	0.018982
Cdc42bpg	MmuINT0032903	chr19	6314618	6314704	+	0.015005
Cdc42bpg	MmuINT0032904	chr19	6314781	6314989	+	0.013634
Cdc42bpg	MmuINT0032905	chr19	6315097	6315171	+	0.01896
Cdc42bpg	MmuINT0032906	chr19	6315287	6315638	+	0.01699
Cdc42bpg	MmuINT0032907	chr19	6315788	6315863	+	0.016584
Cdc42bpg	MmuINT0032908	chr19	6309218	6309298	+	0.023117
Cdc42bpg	MmuINT0032909	chr19	6315953	6316198	+	0.041442
Cdc42bpg	MmuINT0032910	chr19	6316252	6316340	+	0.035428
Cdc42bpg	MmuINT0032911	chr19	6316440	6316518	+	0.032754
Cdc42bpg	MmuINT0032912	chr19	6316579	6316828	+	0.071269
Cdc42bpg	MmuINT0032913	chr19	6316935	6317160	+	0.08405
Cdc42bpg	MmuINT0032914	chr19	6317295	6317374	+	0.031701
Cdc42bpg	MmuINT0032915	chr19	6317515	6317603	+	0.016102
Cdc42bpg	MmuINT0032916	chr19	6317686	6318357	+	0.046942
Cdc42bpg	MmuINT0032917	chr19	6318575	6320078	+	0.022089
Cdc42bpg	MmuINT0032918	chr19	6320142	6320242	+	0.04836
Cdc42bpg	MmuINT0032919	chr19	6309383	6309726	+	0.031606

Cdc42bpg	MmuINT0032920	chr19	6320843	6321656	+	0.019692
Cdc42bpg	MmuINT0032921	chr19	6321755	6321826	+	0.024244
Cdc42bpg	MmuINT0032922	chr19	6321912	6322026	+	0.023363
Cdc42bpg	MmuINT0032923	chr19	6322148	6322253	+	0.027722
Cdc42bpg	MmuINT0032924	chr19	6322372	6322554	+	0.01572
Cdc42bpg	MmuINT0032925	chr19	6322679	6322792	+	0.022456
Cdc42bpg	MmuINT0032926	chr19	6322882	6324516	+	0.034028
Cdc42bpg	MmuINT0032927	chr19	6309823	6310217	+	0.015945
Cdc42bpg	MmuINT0032928	chr19	6310367	6310794	+	0.083624
Cdc42bpg	MmuINT0032929	chr19	6310889	6311021	+	0.017567
Cdc42bpg	MmuINT0032930	chr19	6311223	6311321	+	0.048137
Cdc42bpg	MmuINT0032931	chr19	6311571	6312117	+	0.019974
Cdc42bpg	MmuINT0032932	chr19	6312198	6313218	+	0.023535
Cdc42ep1	MmuINT0032933	chr15	78673156	78677524	+	0.032755
Cdc42ep1	MmuINT0032934	chr15	78678250	78679594	+	0.02254
Cdc42ep3	MmuINT0032935	chr17	79735057	79754156	-	0.0172
Cdc42ep5	MmuINT0032938	chr7	4115790	4116060	-	0.093062
Cdc42ep5	MmuINT0032939	chr7	4103390	4115694	-	0.036713
Cdc42se1	MmuINT0032941	chr3	95036015	95036470	+	0.012583
Cdc42se1	MmuINT0032942	chr3	95036582	95037409	+	0.013638
Cdc42se1	MmuINT0032943	chr3	95037502	95038171	+	0.011008
Cdc42se2	MmuINT0032945	chr11	54570062	54601061	-	0.009733
Cdc42se2	MmuINT0032946	chr11	54554053	54569907	-	0.00698
Cdc42se2	MmuINT0032947	chr11	54537178	54553739	-	0.010558
Cdc42se2	MmuINT0032948	chr11	54533860	54537075	-	0.018923
Cdc42se2	MmuINT0032949	chr11	54533227	54533744	-	0.012472
Cdc45	MmuINT0032952	chr16	18796038	18797441	-	0.073794
Cdc45	MmuINT0032953	chr16	18795320	18795917	-	0.063919
Cdc45	MmuINT0032956	chr16	18787162	18793270	-	0.092881
Cdc45	MmuINT0032958	chr16	18785285	18786861	-	0.05047
Cdc5l	MmuINT0032970	chr17	45547888	45548776	-	0.001408
Cdc5l	MmuINT0032977	chr17	45562929	45563468	-	0.005404
Cdc5l	MmuINT0032978	chr17	45561550	45562800	-	0.001568
Cdc5l	MmuINT0032980	chr17	45554039	45556549	-	0.001642
Cdc73	MmuINT0033007	chr1	1.46E+08	1.46E+08	-	0.016037
Cdc73	MmuINT0033008	chr1	1.45E+08	1.46E+08	-	0.024872
Cdc73	MmuINT0033010	chr1	1.45E+08	1.45E+08	-	0.013342
Cdc73	MmuINT0033011	chr1	1.45E+08	1.45E+08	-	0.00716
Cdc73	MmuINT0033012	chr1	1.45E+08	1.45E+08	-	0.008737
Cdc73	MmuINT0033013	chr1	1.45E+08	1.45E+08	-	0.011282
Cdc73	MmuINT0033014	chr1	1.45E+08	1.45E+08	-	0.008757
Cdc73	MmuINT0033015	chr1	1.46E+08	1.46E+08	-	0.013651
Cdc73	MmuINT0033016	chr1	1.46E+08	1.46E+08	-	0.015441
Cdc73	MmuINT0033017	chr1	1.46E+08	1.46E+08	-	0.015068
Cdc73	MmuINT0033019	chr1	1.46E+08	1.46E+08	-	0.011821
Cdc73	MmuINT0033020	chr1	1.46E+08	1.46E+08	-	0.014535
Cdc73	MmuINT0033021	chr1	1.46E+08	1.46E+08	-	0.013488
Cdc73	MmuINT0033022	chr1	1.46E+08	1.46E+08	-	0.016406
Cdca4	MmuINT0033043	chr12	1.14E+08	1.14E+08	-	0.45367
Cdca7	MmuINT0033049	chr2	72314369	72316962	+	0.051511

Cdca7	MmuINT0033050	chr2	72317086	72319747	+	0.023235
Cdca7	MmuINT0033052	chr2	72320570	72321411	+	0.045761
Cdca7	MmuINT0033055	chr2	72322806	72323232	+	0.03792
Cdca7	MmuINT0033056	chr2	72323370	72323776	+	0.068599
Cdh11	MmuINT0033118	chr8	1.05E+08	1.05E+08	-	0.058115
Cdh13	MmuINT0033135	chr8	1.21E+08	1.21E+08	+	0.006245
Cdh13	MmuINT0033136	chr8	1.22E+08	1.22E+08	+	0.001427
Cdh13	MmuINT0033137	chr8	1.22E+08	1.22E+08	+	0.000882
Cdh13	MmuINT0033138	chr8	1.22E+08	1.22E+08	+	0.002486
Cdh13	MmuINT0033139	chr8	1.22E+08	1.22E+08	+	0.010373
Cdh13	MmuINT0033140	chr8	1.21E+08	1.21E+08	+	0.001234
Cdh13	MmuINT0033141	chr8	1.21E+08	1.21E+08	+	0.002338
Cdh13	MmuINT0033142	chr8	1.21E+08	1.21E+08	+	0.001779
Cdh13	MmuINT0033143	chr8	1.21E+08	1.21E+08	+	0.00167
Cdh13	MmuINT0033144	chr8	1.21E+08	1.22E+08	+	0.002068
Cdh13	MmuINT0033145	chr8	1.22E+08	1.22E+08	+	0.001321
Cdh13	MmuINT0033146	chr8	1.22E+08	1.22E+08	+	0.001378
Cdh13	MmuINT0033147	chr8	1.22E+08	1.22E+08	+	0.001164
Cdh2	MmuINT0033217	chr18	16933129	16966843	-	0.00198
Cdh2	MmuINT0033218	chr18	16786220	16787967	-	0.000941
Cdh2	MmuINT0033219	chr18	16783463	16786076	-	0.000773
Cdh2	MmuINT0033220	chr18	16782894	16783228	-	0.000783
Cdh2	MmuINT0033221	chr18	16780777	16782659	-	0.000814
Cdh2	MmuINT0033222	chr18	16760296	16780636	-	0.000777
Cdh2	MmuINT0033224	chr18	16809008	16933016	-	0.004851
Cdh2	MmuINT0033225	chr18	16807143	16808780	-	0.00122
Cdh2	MmuINT0033226	chr18	16805137	16806995	-	0.000992
Cdh2	MmuINT0033227	chr18	16802584	16804980	-	0.000768
Cdh2	MmuINT0033228	chr18	16799104	16802438	-	0.001218
Cdh2	MmuINT0033229	chr18	16791655	16798930	-	0.000939
Cdh2	MmuINT0033230	chr18	16790899	16791516	-	0.000763
Cdh2	MmuINT0033231	chr18	16788222	16790712	-	0.000846
Cdh4	MmuINT0033369	chr2	1.8E+08	1.8E+08	+	0.054139
Cdh5	MmuINT0033381	chr8	1.07E+08	1.07E+08	+	0.004411
Cdh5	MmuINT0033382	chr8	1.07E+08	1.07E+08	+	0.003086
Cdh5	MmuINT0033383	chr8	1.07E+08	1.07E+08	+	0.007014
Cdh5	MmuINT0033384	chr8	1.07E+08	1.07E+08	+	0.002109
Cdh5	MmuINT0033385	chr8	1.07E+08	1.07E+08	+	0.004034
Cdh5	MmuINT0033386	chr8	1.07E+08	1.07E+08	+	0.01763
Cdh5	MmuINT0033387	chr8	1.07E+08	1.07E+08	+	0.002153
Cdh5	MmuINT0033388	chr8	1.07E+08	1.07E+08	+	0.002393
Cdh5	MmuINT0033389	chr8	1.07E+08	1.07E+08	+	0.007321
Cdh5	MmuINT0033390	chr8	1.07E+08	1.07E+08	+	0.008427
Cdh5	MmuINT0033391	chr8	1.07E+08	1.07E+08	+	0.00337
Cdipt	MmuINT0033523	chr7	1.34E+08	1.34E+08	+	0.011685
Cdipt	MmuINT0033524	chr7	1.34E+08	1.34E+08	+	0.010501
Cdipt	MmuINT0033525	chr7	1.34E+08	1.34E+08	+	0.031284
Cdipt	MmuINT0033526	chr7	1.34E+08	1.34E+08	+	0.027976
Cdk10	MmuINT0033538	chr8	1.26E+08	1.26E+08	+	0.051093
Cdk10	MmuINT0033539	chr8	1.26E+08	1.26E+08	+	0.017982

Cdk10	MmuINT0033541	chr8	1.26E+08	1.26E+08	+	0.045648
Cdk10	MmuINT0033542	chr8	1.26E+08	1.26E+08	+	0.044821
Cdk10	MmuINT0033543	chr8	1.26E+08	1.26E+08	+	0.090993
Cdk11b	MmuINT0033546	chr4	1.55E+08	1.55E+08	+	0.081745
Cdk11b	MmuINT0033547	chr4	1.55E+08	1.55E+08	+	0.006633
Cdk11b	MmuINT0033548	chr4	1.55E+08	1.55E+08	+	0.009859
Cdk11b	MmuINT0033549	chr4	1.55E+08	1.55E+08	+	0.009443
Cdk11b	MmuINT0033550	chr4	1.55E+08	1.55E+08	+	0.004223
Cdk11b	MmuINT0033551	chr4	1.55E+08	1.55E+08	+	0.017088
Cdk11b	MmuINT0033552	chr4	1.55E+08	1.55E+08	+	0.00709
Cdk11b	MmuINT0033553	chr4	1.55E+08	1.55E+08	+	0.006942
Cdk11b	MmuINT0033554	chr4	1.55E+08	1.55E+08	+	0.005823
Cdk11b	MmuINT0033555	chr4	1.55E+08	1.55E+08	+	0.003273
Cdk11b	MmuINT0033556	chr4	1.55E+08	1.55E+08	+	0.006234
Cdk11b	MmuINT0033557	chr4	1.55E+08	1.55E+08	+	0.096765
Cdk11b	MmuINT0033558	chr4	1.55E+08	1.55E+08	+	0.003739
Cdk11b	MmuINT0033559	chr4	1.55E+08	1.55E+08	+	0.003719
Cdk11b	MmuINT0033560	chr4	1.55E+08	1.55E+08	+	0.005849
Cdk11b	MmuINT0033561	chr4	1.55E+08	1.55E+08	+	0.005284
Cdk11b	MmuINT0033562	chr4	1.55E+08	1.55E+08	+	0.008555
Cdk11b	MmuINT0033563	chr4	1.55E+08	1.55E+08	+	0.004715
Cdk11b	MmuINT0033564	chr4	1.55E+08	1.55E+08	+	0.003487
Cdk12	MmuINT0033565	chr11	98065725	98071674	+	0.023651
Cdk12	MmuINT0033566	chr11	98102210	98103011	+	0.018072
Cdk12	MmuINT0033567	chr11	98103144	98104674	+	0.021956
Cdk12	MmuINT0033568	chr11	98104887	98106530	+	0.021166
Cdk12	MmuINT0033569	chr11	98072551	98080387	+	0.017667
Cdk12	MmuINT0033570	chr11	98080565	98082327	+	0.019243
Cdk12	MmuINT0033571	chr11	98082468	98083941	+	0.01908
Cdk12	MmuINT0033572	chr11	98084113	98085755	+	0.020691
Cdk12	MmuINT0033573	chr11	98085946	98091426	+	0.019217
Cdk12	MmuINT0033574	chr11	98091484	98092297	+	0.024274
Cdk12	MmuINT0033575	chr11	98092400	98098018	+	0.051183
Cdk12	MmuINT0033576	chr11	98098097	98102092	+	0.020693
Cdk13	MmuINT0033577	chr13	17864792	17895271	-	0.016025
Cdk13	MmuINT0033578	chr13	17819086	17819900	-	0.046091
Cdk13	MmuINT0033579	chr13	17813128	17818953	-	0.010049
Cdk13	MmuINT0033580	chr13	17811640	17812921	-	0.036827
Cdk13	MmuINT0033581	chr13	17858441	17864134	-	0.014448
Cdk13	MmuINT0033582	chr13	17856928	17858269	-	0.025481
Cdk13	MmuINT0033583	chr13	17855109	17856787	-	0.010312
Cdk13	MmuINT0033584	chr13	17843695	17854937	-	0.01251
Cdk13	MmuINT0033585	chr13	17842148	17843504	-	0.020362
Cdk13	MmuINT0033586	chr13	17831027	17842090	-	0.060446
Cdk13	MmuINT0033587	chr13	17830829	17830924	-	0.021178
Cdk14	MmuINT0033594	chr5	4806732	4888836	-	0.065069
Cdk14	MmuINT0033598	chr5	5135414	5195277	-	0.071711
Cdk14	MmuINT0033601	chr5	5036547	5092957	-	0.084875
Cdk16	MmuINT0033616	chrX	20265933	20270449	+	0.018138
Cdk16	MmuINT0033617	chrX	20273594	20273673	+	0.008444

Cdk16	MmuINT0033618	chrX	20273772	20273856	+	0.011111
Cdk16	MmuINT0033619	chrX	20273963	20274047	+	0.067834
Cdk16	MmuINT0033620	chrX	20274091	20274245	+	0.040594
Cdk16	MmuINT0033621	chrX	20274337	20275576	+	0.015427
Cdk16	MmuINT0033622	chrX	20275655	20275734	+	0.043359
Cdk16	MmuINT0033623	chrX	20270658	20271163	+	0.008735
Cdk16	MmuINT0033624	chrX	20271298	20271396	+	0.002744
Cdk16	MmuINT0033625	chrX	20271523	20271614	+	0.001931
Cdk16	MmuINT0033626	chrX	20271672	20271757	+	0.002366
Cdk16	MmuINT0033627	chrX	20271873	20272635	+	0.003658
Cdk16	MmuINT0033628	chrX	20272731	20272824	+	0.007938
Cdk16	MmuINT0033629	chrX	20272888	20273143	+	0.098639
Cdk16	MmuINT0033630	chrX	20273268	20273472	+	0.043177
Cdk17	MmuINT0033631	chr10	92623946	92670916	+	0.053356
Cdk17	MmuINT0033632	chr10	92691514	92695124	+	0.022606
Cdk17	MmuINT0033633	chr10	92695246	92698182	+	0.226675
Cdk17	MmuINT0033634	chr10	92698281	92698771	+	0.013174
Cdk17	MmuINT0033635	chr10	92698878	92699665	+	0.069153
Cdk17	MmuINT0033636	chr10	92699709	92700538	+	0.022496
Cdk17	MmuINT0033637	chr10	92700630	92701710	+	0.020934
Cdk17	MmuINT0033638	chr10	92701789	92702332	+	0.116517
Cdk17	MmuINT0033639	chr10	92671064	92674655	+	0.029175
Cdk17	MmuINT0033640	chr10	92674821	92679087	+	0.019096
Cdk17	MmuINT0033641	chr10	92679222	92680708	+	0.022631
Cdk17	MmuINT0033642	chr10	92680835	92684331	+	0.025829
Cdk17	MmuINT0033643	chr10	92684389	92687680	+	0.043766
Cdk17	MmuINT0033644	chr10	92687796	92688768	+	0.02163
Cdk17	MmuINT0033645	chr10	92688864	92689457	+	0.024076
Cdk17	MmuINT0033646	chr10	92689521	92691389	+	0.017352
Cdk18	MmuINT0033647	chr1	1.34E+08	1.34E+08	-	0.016844
Cdk18	MmuINT0033648	chr1	1.34E+08	1.34E+08	-	0.03753
Cdk18	MmuINT0033649	chr1	1.34E+08	1.34E+08	-	0.010325
Cdk18	MmuINT0033650	chr1	1.34E+08	1.34E+08	-	0.076232
Cdk18	MmuINT0033651	chr1	1.34E+08	1.34E+08	-	0.072099
Cdk18	MmuINT0033652	chr1	1.34E+08	1.34E+08	-	0.008315
Cdk18	MmuINT0033653	chr1	1.34E+08	1.34E+08	-	0.008614
Cdk18	MmuINT0033654	chr1	1.34E+08	1.34E+08	-	0.011797
Cdk18	MmuINT0033655	chr1	1.34E+08	1.34E+08	-	0.01687
Cdk18	MmuINT0033656	chr1	1.34E+08	1.34E+08	-	0.010559
Cdk18	MmuINT0033657	chr1	1.34E+08	1.34E+08	-	0.013448
Cdk18	MmuINT0033658	chr1	1.34E+08	1.34E+08	-	0.045407
Cdk18	MmuINT0033659	chr1	1.34E+08	1.34E+08	-	0.02087
Cdk18	MmuINT0033660	chr1	1.34E+08	1.34E+08	-	0.024709
Cdk18	MmuINT0033661	chr1	1.34E+08	1.34E+08	-	0.034792
Cdk19	MmuINT0033662	chr10	40069528	40114130	+	0.032318
Cdk19	MmuINT0033663	chr10	40196061	40196694	+	0.02744
Cdk19	MmuINT0033664	chr10	40196774	40197507	+	0.05454
Cdk19	MmuINT0033665	chr10	40197775	40199480	+	0.089583
Cdk19	MmuINT0033666	chr10	40114207	40154109	+	0.031266
Cdk19	MmuINT0033667	chr10	40154221	40155877	+	0.02629

Cdk19	MmuINT0033668	chr10	40156019	40173820	+	0.033054
Cdk19	MmuINT0033669	chr10	40173879	40186443	+	0.040915
Cdk19	MmuINT0033670	chr10	40186576	40189384	+	0.031724
Cdk19	MmuINT0033671	chr10	40189529	40189691	+	0.037307
Cdk19	MmuINT0033672	chr10	40189762	40195374	+	0.045092
Cdk19	MmuINT0033673	chr10	40195448	40195962	+	0.032014
Cdk2	MmuINT0033676	chr10	1.28E+08	1.28E+08	-	0.230463
Cdk2	MmuINT0033677	chr10	1.28E+08	1.28E+08	-	0.027813
Cdk2	MmuINT0033678	chr10	1.28E+08	1.28E+08	-	0.03073
Cdk2	MmuINT0033679	chr10	1.28E+08	1.28E+08	-	0.022524
Cdk2	MmuINT0033681	chr10	1.28E+08	1.28E+08	-	0.188874
Cdk2	MmuINT0033682	chr10	1.28E+08	1.28E+08	-	0.030104
Cdk20	MmuINT0033683	chr13	64533979	64534284	+	0.114625
Cdk20	MmuINT0033684	chr13	64534399	64537425	+	0.098527
Cdk20	MmuINT0033687	chr13	64538137	64538696	+	0.224135
Cdk20	MmuINT0033688	chr13	64538821	64539184	+	0.127589
Cdk20	MmuINT0033689	chr13	64539341	64540088	+	0.049502
Cdk2ap2	MmuINT0033693	chr19	4097508	4097816	+	0.047354
Cdk2ap2	MmuINT0033694	chr19	4097918	4098004	+	0.015722
Cdk2ap2	MmuINT0033695	chr19	4098138	4098497	+	0.046527
Cdk4	MmuINT0033702	chr10	1.27E+08	1.27E+08	+	0.05056
Cdk4	MmuINT0033703	chr10	1.27E+08	1.27E+08	+	0.019492
Cdk4	MmuINT0033704	chr10	1.27E+08	1.27E+08	+	0.003131
Cdk4	MmuINT0033705	chr10	1.27E+08	1.27E+08	+	0.006218
Cdk4	MmuINT0033706	chr10	1.27E+08	1.27E+08	+	0.097108
Cdk4	MmuINT0033707	chr10	1.27E+08	1.27E+08	+	0.006007
Cdk4	MmuINT0033708	chr10	1.27E+08	1.27E+08	+	0.008279
Cdk5	MmuINT0033709	chr5	23928705	23929266	-	0.008218
Cdk5	MmuINT0033710	chr5	23925499	23925600	-	0.042846
Cdk5	MmuINT0033711	chr5	23925281	23925417	-	0.008064
Cdk5	MmuINT0033712	chr5	23928534	23928615	-	0.009985
Cdk5	MmuINT0033713	chr5	23928377	23928465	-	0.010259
Cdk5	MmuINT0033714	chr5	23928207	23928315	-	0.084165
Cdk5	MmuINT0033715	chr5	23926869	23928149	-	0.020569
Cdk5	MmuINT0033716	chr5	23926624	23926772	-	0.021657
Cdk5	MmuINT0033717	chr5	23926408	23926548	-	0.052751
Cdk5	MmuINT0033718	chr5	23926147	23926310	-	0.020864
Cdk5	MmuINT0033719	chr5	23925662	23926076	-	0.123842
Cdk5rap1	MmuINT0033720	chr2	1.54E+08	1.54E+08	-	0.013157
Cdk5rap1	MmuINT0033721	chr2	1.54E+08	1.54E+08	-	0.043778
Cdk5rap1	MmuINT0033722	chr2	1.54E+08	1.54E+08	-	0.021335
Cdk5rap1	MmuINT0033723	chr2	1.54E+08	1.54E+08	-	0.0102
Cdk5rap1	MmuINT0033724	chr2	1.54E+08	1.54E+08	-	0.050205
Cdk5rap1	MmuINT0033725	chr2	1.54E+08	1.54E+08	-	0.008537
Cdk5rap1	MmuINT0033726	chr2	1.54E+08	1.54E+08	-	0.01263
Cdk5rap1	MmuINT0033727	chr2	1.54E+08	1.54E+08	-	0.015547
Cdk5rap1	MmuINT0033728	chr2	1.54E+08	1.54E+08	-	0.288916
Cdk5rap1	MmuINT0033729	chr2	1.54E+08	1.54E+08	-	0.348082
Cdk5rap1	MmuINT0033730	chr2	1.54E+08	1.54E+08	-	0.015552
Cdk5rap1	MmuINT0033731	chr2	1.54E+08	1.54E+08	-	0.011901



Cdk5rap1	MmuINT0033732	chr2	1.54E+08	1.54E+08	-	0.038675
Cdk5rap2	MmuINT0033737	chr4	69976499	69978460	-	0.051208
Cdk5rap2	MmuINT0033741	chr4	69959983	69961599	-	0.086751
Cdk5rap2	MmuINT0033742	chr4	69952962	69959853	-	0.05176
Cdk5rap2	MmuINT0033745	chr4	69942557	69950878	-	0.047775
Cdk5rap2	MmuINT0033746	chr4	69937743	69942123	-	0.048781
Cdk5rap2	MmuINT0033747	chr4	69933810	69937507	-	0.060915
Cdk5rap2	MmuINT0033748	chr4	69928083	69933677	-	0.062065
Cdk5rap2	MmuINT0033749	chr4	69925758	69927508	-	0.053794
Cdk5rap2	MmuINT0033750	chr4	69918418	69925524	-	0.05871
Cdk5rap2	MmuINT0033751	chr4	69915849	69918368	-	0.059357
Cdk5rap2	MmuINT0033752	chr4	69911507	69915669	-	0.038526
Cdk5rap2	MmuINT0033753	chr4	69906532	69911386	-	0.03854
Cdk5rap2	MmuINT0033754	chr4	69904620	69906414	-	0.040508
Cdk5rap2	MmuINT0033756	chr4	69903630	69904429	-	0.044779
Cdk5rap2	MmuINT0033757	chr4	69900397	69903504	-	0.055461
Cdk5rap2	MmuINT0033758	chr4	69899480	69900318	-	0.050894
Cdk5rap2	MmuINT0033759	chr4	69896525	69899213	-	0.050351
Cdk5rap2	MmuINT0033761	chr4	69884611	69889631	-	0.065192
Cdk5rap3	MmuINT0033769	chr11	96777511	96777697	-	0.016202
Cdk5rap3	MmuINT0033770	chr11	96771344	96771970	-	0.009529
Cdk5rap3	MmuINT0033771	chr11	96770234	96771254	-	0.005873
Cdk5rap3	MmuINT0033772	chr11	96769716	96770027	-	0.023553
Cdk5rap3	MmuINT0033773	chr11	96769437	96769543	-	0.006632
Cdk5rap3	MmuINT0033774	chr11	96775111	96777464	-	0.020348
Cdk5rap3	MmuINT0033775	chr11	96774797	96774978	-	0.007363
Cdk5rap3	MmuINT0033776	chr11	96774369	96774695	-	0.025354
Cdk5rap3	MmuINT0033777	chr11	96773710	96774319	-	0.026122
Cdk5rap3	MmuINT0033778	chr11	96773324	96773530	-	0.007836
Cdk5rap3	MmuINT0033779	chr11	96773011	96773186	-	0.039102
Cdk5rap3	MmuINT0033780	chr11	96772496	96772865	-	0.054682
Cdk5rap3	MmuINT0033781	chr11	96772053	96772393	-	0.006997
Cdk6	MmuINT0033787	chr5	3519495	3520644	+	0.038891
Cdk7	MmuINT0033788	chr13	1.02E+08	1.02E+08	-	0.014085
Cdk7	MmuINT0033789	chr13	1.01E+08	1.01E+08	-	0.012044
Cdk7	MmuINT0033790	chr13	1.01E+08	1.01E+08	-	0.03095
Cdk7	MmuINT0033791	chr13	1.01E+08	1.02E+08	-	0.003645
Cdk7	MmuINT0033792	chr13	1.01E+08	1.01E+08	-	0.018291
Cdk7	MmuINT0033793	chr13	1.01E+08	1.01E+08	-	0.013358
Cdk7	MmuINT0033794	chr13	1.01E+08	1.01E+08	-	0.011914
Cdk7	MmuINT0033795	chr13	1.01E+08	1.01E+08	-	0.01895
Cdk7	MmuINT0033796	chr13	1.01E+08	1.01E+08	-	0.033797
Cdk7	MmuINT0033797	chr13	1.01E+08	1.01E+08	-	0.012293
Cdk7	MmuINT0033798	chr13	1.01E+08	1.01E+08	-	0.066591
Cdk8	MmuINT0033803	chr5	1.47E+08	1.47E+08	+	0.008562
Cdk8	MmuINT0033807	chr5	1.47E+08	1.47E+08	+	0.094485
Cdk9	MmuINT0033812	chr2	32566088	32567550	-	0.304257
Cdk9	MmuINT0033814	chr2	32565465	32565562	-	0.004494
Cdk9	MmuINT0033815	chr2	32565136	32565292	-	0.061186
Cdkal1	MmuINT0033817	chr13	29946811	29947431	-	0.03223

Cdkal1	MmuINT0033818	chr13	29609428	29644097	-	0.017701
Cdkal1	MmuINT0033819	chr13	29566579	29609281	-	0.013524
Cdkal1	MmuINT0033820	chr13	29535940	29566397	-	0.014138
Cdkal1	MmuINT0033821	chr13	29449453	29535876	-	0.041679
Cdkal1	MmuINT0033822	chr13	29446664	29449368	-	0.049747
Cdkal1	MmuINT0033823	chr13	29418098	29446498	-	0.011381
Cdkal1	MmuINT0033824	chr13	29941978	29946766	-	0.020191
Cdkal1	MmuINT0033825	chr13	29938210	29941807	-	0.013791
Cdkal1	MmuINT0033826	chr13	29869171	29938096	-	0.025146
Cdkal1	MmuINT0033827	chr13	29809687	29869085	-	0.0243
Cdkal1	MmuINT0033828	chr13	29801013	29809589	-	0.022962
Cdkal1	MmuINT0033829	chr13	29783589	29800963	-	0.021962
Cdkal1	MmuINT0033830	chr13	29717594	29783467	-	0.014848
Cdkal1	MmuINT0033831	chr13	29644265	29717489	-	0.015544
Cdkl1	MmuINT0033836	chr12	70857634	70858194	-	0.049908
Cdkl1	MmuINT0033837	chr12	70855195	70857432	-	0.06769
Cdkl1	MmuINT0033838	chr12	70851762	70855111	-	0.037892
Cdkl1	MmuINT0033839	chr12	70849947	70851704	-	0.028753
Cdkl1	MmuINT0033840	chr12	70848398	70849790	-	0.047297
Cdkl2	MmuINT0033841	chr5	92446532	92448404	-	0.057071
Cdkl2	MmuINT0033842	chr5	92446255	92446407	-	0.032802
Cdkl2	MmuINT0033844	chr5	92437161	92437990	-	0.149126
Cdkl2	MmuINT0033846	chr5	92462784	92466193	-	0.028219
Cdkl2	MmuINT0033847	chr5	92462263	92462604	-	0.053375
Cdkl2	MmuINT0033848	chr5	92460155	92462149	-	0.065641
Cdkl2	MmuINT0033849	chr5	92454051	92460008	-	0.037456
Cdkl2	MmuINT0033850	chr5	92451259	92453961	-	0.042072
Cdkl2	MmuINT0033851	chr5	92449340	92451128	-	0.044983
Cdkl2	MmuINT0033852	chr5	92448499	92449043	-	0.040638
Cdkl3	MmuINT0033859	chr11	51824828	51831778	+	0.026692
Cdkl3	MmuINT0033860	chr11	51831958	51833231	+	0.042748
Cdkl3	MmuINT0033861	chr11	51833345	51836239	+	0.029414
Cdkl3	MmuINT0033862	chr11	51836380	51839340	+	0.058899
Cdkl3	MmuINT0033863	chr11	51839430	51840260	+	0.037217
Cdkl3	MmuINT0033864	chr11	51843438	51845863	+	0.024295
Cdkl3	MmuINT0033865	chr11	51846027	51847015	+	0.030448
Cdkn1a	MmuINT0033897	chr17	29230807	29235341	+	0.036953
Cdkn1a	MmuINT0033898	chr17	29235783	29236288	+	0.038494
Cdkn1b	MmuINT0033899	chr6	1.35E+08	1.35E+08	+	0.010341
Cdkn1b	MmuINT0033900	chr6	1.35E+08	1.35E+08	+	0.260479
Cdkn1c	MmuINT0033901	chr7	1.51E+08	1.51E+08	-	0.575983
Cdkn1c	MmuINT0033902	chr7	1.51E+08	1.51E+08	-	0.031953
Cdkn2aip	MmuINT0033906	chr8	48798373	48798873	-	0.052107
Cdkn2aip	MmuINT0033907	chr8	48797649	48798241	-	0.080565
Cdkn2aipnl	MmuINT0033908	chr11	51781460	51783645	+	0.025331
Cdkn2aipnl	MmuINT0033909	chr11	51783746	51789401	+	0.030615
Cdkn2c	MmuINT0033911	chr4	1.09E+08	1.09E+08	-	0.037647
Cdnf	MmuINT0033920	chr2	3430514	3436572	+	0.009694
Cdnf	MmuINT0033921	chr2	3436701	3438287	+	0.009283
Cdnf	MmuINT0033922	chr2	3438430	3441082	+	0.005521

Cdo1	MmuINT0033923	chr18	46883050	46887626	-	0.108444
Cdo1	MmuINT0033924	chr18	46880096	46882971	-	0.062001
Cdo1	MmuINT0033925	chr18	46875421	46879940	-	0.04764
Cdo1	MmuINT0033926	chr18	46873616	46875250	-	0.026801
Cdon	MmuINT0033936	chr9	35311005	35311641	+	0.050069
Cdr2	MmuINT0033945	chr7	1.28E+08	1.28E+08	-	0.055025
Cdr2	MmuINT0033946	chr7	1.28E+08	1.28E+08	-	0.043074
Cdr2	MmuINT0033947	chr7	1.28E+08	1.28E+08	-	0.046819
Cdr2	MmuINT0033948	chr7	1.28E+08	1.28E+08	-	0.039417
Cdr2l	MmuINT0033950	chr11	1.15E+08	1.15E+08	+	0.050189
Cdr2l	MmuINT0033951	chr11	1.15E+08	1.15E+08	+	0.083139
Cdr2l	MmuINT0033952	chr11	1.15E+08	1.15E+08	+	0.145864
Cds1	MmuINT0033955	chr5	1.02E+08	1.02E+08	+	0.054308
Cds1	MmuINT0033957	chr5	1.02E+08	1.02E+08	+	0.092944
Cds2	MmuINT0033966	chr2	1.32E+08	1.32E+08	+	0.004711
Cds2	MmuINT0033967	chr2	1.32E+08	1.32E+08	+	0.005307
Cds2	MmuINT0033968	chr2	1.32E+08	1.32E+08	+	0.009058
Cds2	MmuINT0033969	chr2	1.32E+08	1.32E+08	+	0.004429
Cds2	MmuINT0033970	chr2	1.32E+08	1.32E+08	+	0.006826
Cds2	MmuINT0033971	chr2	1.32E+08	1.32E+08	+	0.00558
Cds2	MmuINT0033972	chr2	1.32E+08	1.32E+08	+	0.031998
Cds2	MmuINT0033973	chr2	1.32E+08	1.32E+08	+	0.007305
Cds2	MmuINT0033974	chr2	1.32E+08	1.32E+08	+	0.011491
Cds2	MmuINT0033975	chr2	1.32E+08	1.32E+08	+	0.031225
Cds2	MmuINT0033976	chr2	1.32E+08	1.32E+08	+	0.040575
Cds2	MmuINT0033977	chr2	1.32E+08	1.32E+08	+	0.019702
Cdyl	MmuINT0034004	chr13	35908445	35948531	+	0.033814
Cdyl	MmuINT0034006	chr13	35950118	35955067	+	0.02717
Cdyl	MmuINT0034007	chr13	35955279	35963446	+	0.028773
Cebpz	MmuINT0034089	chr17	79335408	79336214	-	0.010379
Cebpz	MmuINT0034090	chr17	79321912	79322575	-	0.040727
Cebpz	MmuINT0034091	chr17	79321655	79321853	-	0.042255
Cebpz	MmuINT0034092	chr17	79321062	79321469	-	0.027912
Cebpz	MmuINT0034094	chr17	79319358	79319888	-	0.103778
Cebpz	MmuINT0034095	chr17	79331682	79333914	-	0.015288
Cebpz	MmuINT0034096	chr17	79330837	79331449	-	0.010114
Cebpz	MmuINT0034097	chr17	79328707	79330649	-	0.020797
Cebpz	MmuINT0034098	chr17	79326263	79328617	-	0.020191
Cebpz	MmuINT0034099	chr17	79325526	79326208	-	0.021568
Cebpz	MmuINT0034100	chr17	79325323	79325422	-	0.01192
Cebpz	MmuINT0034101	chr17	79323853	79325253	-	0.036527
Cebpz	MmuINT0034102	chr17	79322677	79323785	-	0.043776
Cecr2	MmuINT0034104	chr6	1.21E+08	1.21E+08	+	0.042228
Cecr2	MmuINT0034106	chr6	1.21E+08	1.21E+08	+	0.048778
Cecr2	MmuINT0034108	chr6	1.21E+08	1.21E+08	+	0.478702
Cecr2	MmuINT0034109	chr6	1.21E+08	1.21E+08	+	0.040617
Cecr2	MmuINT0034110	chr6	1.21E+08	1.21E+08	+	0.048916
Cecr2	MmuINT0034111	chr6	1.21E+08	1.21E+08	+	0.039597
Cecr2	MmuINT0034112	chr6	1.21E+08	1.21E+08	+	0.034582
Cecr5	MmuINT0034121	chr6	1.2E+08	1.2E+08	-	0.028302

Cecr5	MmuINT0034122	chr6	1.2E+08	1.2E+08	-	0.011172
Cecr5	MmuINT0034123	chr6	1.2E+08	1.2E+08	-	0.173515
Cecr5	MmuINT0034124	chr6	1.2E+08	1.2E+08	-	0.348441
Cecr5	MmuINT0034125	chr6	1.2E+08	1.2E+08	-	0.218131
Cecr5	MmuINT0034126	chr6	1.2E+08	1.2E+08	-	0.014171
Cecr5	MmuINT0034127	chr6	1.2E+08	1.2E+08	-	0.042404
Celf1	MmuINT0034158	chr2	90780799	90827821	+	0.021091
Celf1	MmuINT0034159	chr2	90848458	90849361	+	0.007174
Celf1	MmuINT0034160	chr2	90849473	90850549	+	0.016281
Celf1	MmuINT0034161	chr2	90850736	90852855	+	0.02452
Celf1	MmuINT0034162	chr2	90853000	90853394	+	0.003818
Celf1	MmuINT0034163	chr2	90853560	90856722	+	0.107372
Celf1	MmuINT0034164	chr2	90827974	90838736	+	0.012465
Celf1	MmuINT0034165	chr2	90838925	90841162	+	0.005069
Celf1	MmuINT0034166	chr2	90841246	90841618	+	0.007292
Celf1	MmuINT0034167	chr2	90841668	90843367	+	0.003901
Celf1	MmuINT0034168	chr2	90843503	90843967	+	0.003899
Celf1	MmuINT0034169	chr2	90844048	90844857	+	0.003819
Celf1	MmuINT0034170	chr2	90845020	90846776	+	0.005021
Celf1	MmuINT0034171	chr2	90846853	90848328	+	0.010173
Celf2	MmuINT0034179	chr2	6585244	6642462	-	0.007489
Celf2	MmuINT0034180	chr2	6545766	6585160	-	0.010701
Celf2	MmuINT0034181	chr2	6536869	6545716	-	0.007603
Celf2	MmuINT0034182	chr2	6529008	6536733	-	0.01636
Celf2	MmuINT0034183	chr2	6525229	6528927	-	0.008752
Celf2	MmuINT0034184	chr2	6521144	6525069	-	0.011026
Celf2	MmuINT0034185	chr2	6507155	6521079	-	0.0154
Celf2	MmuINT0034186	chr2	6481837	6507019	-	0.016967
Cend1	MmuINT0034332	chr7	1.49E+08	1.49E+08	-	0.202428
Cenpa	MmuINT0034333	chr5	30969487	30974836	+	0.261945
Cenpa	MmuINT0034334	chr5	30974944	30975354	+	0.00416
Cenpa	MmuINT0034335	chr5	30975433	30975665	+	0.011631
Cenpa	MmuINT0034336	chr5	30975817	30976410	+	0.004761
Cenpc1	MmuINT0034337	chr5	86491073	86494352	-	0.007192
Cenpc1	MmuINT0034338	chr5	86462737	86463255	-	0.017686
Cenpc1	MmuINT0034339	chr5	86461497	86462589	-	0.003265
Cenpc1	MmuINT0034340	chr5	86458216	86461413	-	0.022457
Cenpc1	MmuINT0034342	chr5	86449977	86451403	-	0.035444
Cenpc1	MmuINT0034343	chr5	86447510	86449853	-	0.077434
Cenpc1	MmuINT0034344	chr5	86445382	86447413	-	0.030437
Cenpc1	MmuINT0034346	chr5	86441353	86442444	-	0.011607
Cenpc1	MmuINT0034348	chr5	86481267	86487179	-	0.006578
Cenpc1	MmuINT0034349	chr5	86476709	86481195	-	0.052954
Cenpc1	MmuINT0034350	chr5	86475606	86476608	-	0.032407
Cenpc1	MmuINT0034352	chr5	86466939	86474316	-	0.038612
Cenpc1	MmuINT0034353	chr5	86464615	86466336	-	0.046262
Cenpc1	MmuINT0034354	chr5	86463536	86464440	-	0.03674
Cenpe	MmuINT0034390	chr3	1.35E+08	1.35E+08	+	0.041882
Cenpf	MmuINT0034407	chr1	1.91E+08	1.91E+08	-	0.025898
Cenpf	MmuINT0034408	chr1	1.91E+08	1.91E+08	-	0.019291

Cenpj	MmuINT0034452	chr14	57148812	57148886	-	0.135796
Cenpj	MmuINT0034453	chr14	57148646	57148726	-	0.068015
Cenpj	MmuINT0034454	chr14	57145949	57148524	-	0.051344
Cenpj	MmuINT0034462	chr14	57154431	57161601	-	0.056682
Cenpo	MmuINT0034496	chr12	4215431	4216518	-	0.152895
Cenpp	MmuINT0034498	chr13	49745669	49747951	-	0.060944
Cenpp	MmuINT0034499	chr13	49743024	49745489	-	0.045927
Cenpp	MmuINT0034500	chr13	49736684	49742934	-	0.054399
Cenpp	MmuINT0034501	chr13	49722721	49736594	-	0.067976
Cenpp	MmuINT0034502	chr13	49561128	49722623	-	0.135424
Cenpp	MmuINT0034503	chr13	49560156	49561047	-	0.043685
Cenpp	MmuINT0034504	chr13	49559707	49560063	-	0.232209
Cenpq	MmuINT0034505	chr17	41070165	41071331	-	0.030692
Cenpq	MmuINT0034506	chr17	41069800	41070029	-	0.021064
Cenpq	MmuINT0034507	chr17	41068726	41069744	-	0.021521
Cenpq	MmuINT0034508	chr17	41067029	41068598	-	0.02696
Cenpq	MmuINT0034509	chr17	41064218	41066962	-	0.035472
Cenpq	MmuINT0034510	chr17	41061571	41064087	-	0.0534
Cenpq	MmuINT0034511	chr17	41061316	41061450	-	0.029935
Cenpq	MmuINT0034512	chr17	41060566	41061237	-	0.033893
Cenpt	MmuINT0034513	chr8	1.08E+08	1.08E+08	-	0.258804
Cenpt	MmuINT0034514	chr8	1.08E+08	1.08E+08	-	0.536549
Cenpt	MmuINT0034515	chr8	1.08E+08	1.08E+08	-	0.061663
Cenpt	MmuINT0034516	chr8	1.08E+08	1.08E+08	-	0.196254
Cenpt	MmuINT0034518	chr8	1.08E+08	1.08E+08	-	0.144299
Cenpt	MmuINT0034519	chr8	1.08E+08	1.08E+08	-	0.224886
Cenpt	MmuINT0034522	chr8	1.08E+08	1.08E+08	-	0.1792
Cenpt	MmuINT0034523	chr8	1.08E+08	1.08E+08	-	0.048707
Cenpt	MmuINT0034524	chr8	1.08E+08	1.08E+08	-	0.108851
Cenpv	MmuINT0034525	chr11	62349883	62352357	-	0.046455
Cenpv	MmuINT0034526	chr11	62347457	62349783	-	0.023279
Cenpv	MmuINT0034527	chr11	62341109	62347386	-	0.011723
Cenpv	MmuINT0034528	chr11	62338790	62340993	-	0.004108
Cep110	MmuINT0034533	chr2	34985336	34989477	+	0.275529
Cep110	MmuINT0034534	chr2	34989632	34990987	+	0.044325
Cep110	MmuINT0034535	chr2	34991209	34993151	+	0.045961
Cep110	MmuINT0034536	chr2	34993329	34996006	+	0.042619
Cep110	MmuINT0034537	chr2	34996142	34999169	+	0.046264
Cep110	MmuINT0034538	chr2	34999316	34999733	+	0.049972
Cep110	MmuINT0034539	chr2	34999942	35000576	+	0.031565
Cep110	MmuINT0034541	chr2	35002932	35004010	+	0.047274
Cep110	MmuINT0034543	chr2	35004128	35004390	+	0.024913
Cep110	MmuINT0034544	chr2	35004536	35004965	+	0.053637
Cep110	MmuINT0034549	chr2	35013309	35015767	+	0.092136
Cep110	MmuINT0034550	chr2	35015899	35016040	+	0.101814
Cep110	MmuINT0034551	chr2	35016182	35016310	+	0.14337
Cep110	MmuINT0034552	chr2	35016438	35017448	+	0.053642
Cep110	MmuINT0034554	chr2	35017614	35018280	+	0.036459
Cep110	MmuINT0034555	chr2	35018441	35020966	+	0.049945
Cep110	MmuINT0034556	chr2	35021083	35021167	+	0.026372

Cep110	MmuINT0034557	chr2	35021386	35023250	+	0.024326
Cep110	MmuINT0034558	chr2	35023409	35024761	+	0.0301
Cep110	MmuINT0034559	chr2	35024836	35025978	+	0.028184
Cep110	MmuINT0034560	chr2	35026168	35026540	+	0.030258
Cep110	MmuINT0034561	chr2	35026767	35027357	+	0.038844
Cep110	MmuINT0034562	chr2	35027564	35028536	+	0.141561
Cep110	MmuINT0034563	chr2	35028678	35030628	+	0.232669
Cep110	MmuINT0034565	chr2	35030893	35031057	+	0.203775
Cep110	MmuINT0034566	chr2	35031121	35031647	+	0.441532
Cep110	MmuINT0034567	chr2	35031843	35033558	+	0.080379
Cep110	MmuINT0034568	chr2	35033631	35033916	+	0.064591
Cep110	MmuINT0034570	chr2	34975644	34978179	+	0.060063
Cep120	MmuINT0034574	chr18	53904002	53904141	-	0.044591
Cep120	MmuINT0034575	chr18	53879020	53881276	-	0.017327
Cep120	MmuINT0034576	chr18	53878284	53878869	-	0.010096
Cep120	MmuINT0034577	chr18	53874751	53878100	-	0.015885
Cep120	MmuINT0034578	chr18	53874571	53874653	-	0.013459
Cep120	MmuINT0034579	chr18	53873126	53874417	-	0.012126
Cep120	MmuINT0034580	chr18	53868804	53873035	-	0.029791
Cep120	MmuINT0034581	chr18	53866636	53868710	-	0.016389
Cep120	MmuINT0034582	chr18	53862899	53866473	-	0.011833
Cep120	MmuINT0034583	chr18	53857348	53862775	-	0.017731
Cep120	MmuINT0034584	chr18	53845683	53857248	-	0.012014
Cep120	MmuINT0034585	chr18	53899863	53903935	-	0.021079
Cep120	MmuINT0034586	chr18	53843119	53845536	-	0.021618
Cep120	MmuINT0034587	chr18	53898247	53899705	-	0.011548
Cep120	MmuINT0034588	chr18	53895439	53898131	-	0.013038
Cep120	MmuINT0034589	chr18	53890894	53895296	-	0.012277
Cep120	MmuINT0034590	chr18	53887399	53890744	-	0.009874
Cep120	MmuINT0034591	chr18	53884236	53887200	-	0.011862
Cep120	MmuINT0034592	chr18	53882960	53884007	-	0.082477
Cep120	MmuINT0034593	chr18	53881455	53882736	-	0.012258
Cep135	MmuINT0034596	chr5	77044816	77045827	+	0.042677
Cep135	MmuINT0034600	chr5	77059806	77059877	+	0.070184
Cep135	MmuINT0034601	chr5	77060033	77060449	+	0.046367
Cep135	MmuINT0034602	chr5	77060506	77061183	+	0.057875
Cep135	MmuINT0034603	chr5	77061353	77062697	+	0.042403
Cep135	MmuINT0034604	chr5	77062809	77063176	+	0.044009
Cep135	MmuINT0034605	chr5	77022408	77023047	+	0.0481
Cep135	MmuINT0034606	chr5	77063363	77065886	+	0.168342
Cep135	MmuINT0034607	chr5	77066097	77067088	+	0.138228
Cep135	MmuINT0034608	chr5	77067292	77067946	+	0.148084
Cep135	MmuINT0034609	chr5	77068052	77069906	+	0.059678
Cep135	MmuINT0034610	chr5	77070021	77073656	+	0.095931
Cep135	MmuINT0034614	chr5	77030541	77032161	+	0.038081
Cep135	MmuINT0034617	chr5	77038795	77040674	+	0.047275
Cep164	MmuINT0034645	chr9	45631848	45636584	-	0.057779
Cep164	MmuINT0034646	chr9	45595595	45599165	-	0.03873
Cep164	MmuINT0034649	chr9	45587694	45587772	-	0.028829
Cep164	MmuINT0034650	chr9	45587304	45587464	-	0.055305

Cep164	MmuINT0034651	chr9	45587012	45587225	-	0.045531
Cep164	MmuINT0034652	chr9	45586614	45586879	-	0.03204
Cep164	MmuINT0034653	chr9	45585010	45586490	-	0.055255
Cep164	MmuINT0034654	chr9	45584032	45584865	-	0.044161
Cep164	MmuINT0034655	chr9	45583829	45583947	-	0.06749
Cep164	MmuINT0034656	chr9	45626173	45631728	-	0.041107
Cep164	MmuINT0034657	chr9	45583451	45583759	-	0.120698
Cep164	MmuINT0034658	chr9	45582991	45583274	-	0.030918
Cep164	MmuINT0034661	chr9	45580473	45581900	-	0.041759
Cep164	MmuINT0034662	chr9	45579726	45580364	-	0.049864
Cep164	MmuINT0034663	chr9	45579141	45579613	-	0.034597
Cep164	MmuINT0034664	chr9	45577559	45578777	-	0.072889
Cep164	MmuINT0034665	chr9	45576727	45577491	-	0.089953
Cep164	MmuINT0034666	chr9	45576447	45576603	-	0.04821
Cep164	MmuINT0034667	chr9	45617992	45626060	-	0.029299
Cep164	MmuINT0034669	chr9	45610861	45611255	-	0.217619
Cep164	MmuINT0034670	chr9	45609626	45610725	-	0.045749
Cep164	MmuINT0034671	chr9	45602513	45609547	-	0.071478
Cep164	MmuINT0034672	chr9	45601096	45602134	-	0.033222
Cep164	MmuINT0034673	chr9	45599250	45601014	-	0.079774
Cep170	MmuINT0034676	chr1	1.79E+08	1.79E+08	-	0.048024
Cep170	MmuINT0034677	chr1	1.79E+08	1.79E+08	-	0.037025
Cep170	MmuINT0034679	chr1	1.79E+08	1.79E+08	-	0.032649
Cep170	MmuINT0034680	chr1	1.79E+08	1.79E+08	-	0.260223
Cep170	MmuINT0034681	chr1	1.79E+08	1.79E+08	-	0.033992
Cep170	MmuINT0034682	chr1	1.79E+08	1.79E+08	-	0.056576
Cep170	MmuINT0034683	chr1	1.79E+08	1.79E+08	-	0.056002
Cep170	MmuINT0034684	chr1	1.79E+08	1.79E+08	-	0.082093
Cep170	MmuINT0034685	chr1	1.79E+08	1.79E+08	-	0.064954
Cep170	MmuINT0034686	chr1	1.79E+08	1.79E+08	-	0.059483
Cep170	MmuINT0034687	chr1	1.79E+08	1.79E+08	-	0.058398
Cep170	MmuINT0034688	chr1	1.79E+08	1.79E+08	-	0.059757
Cep170	MmuINT0034689	chr1	1.79E+08	1.79E+08	-	0.049986
Cep170	MmuINT0034690	chr1	1.79E+08	1.79E+08	-	0.035915
Cep170	MmuINT0034691	chr1	1.79E+08	1.79E+08	-	0.035656
Cep170	MmuINT0034692	chr1	1.79E+08	1.79E+08	-	0.121564
Cep192	MmuINT0034703	chr18	67997740	68000637	+	0.041294
Cep192	MmuINT0034712	chr18	68011704	68012557	+	0.050673
Cep192	MmuINT0034713	chr18	68012677	68013704	+	0.057577
Cep192	MmuINT0034714	chr18	68013882	68014938	+	0.060845
Cep192	MmuINT0034717	chr18	68015979	68017643	+	0.056295
Cep192	MmuINT0034719	chr18	68018625	68020187	+	0.077626
Cep192	MmuINT0034724	chr18	68028201	68028983	+	0.062969
Cep192	MmuINT0034725	chr18	68029192	68030225	+	0.056175
Cep192	MmuINT0034727	chr18	68030306	68031115	+	0.097061
Cep192	MmuINT0034729	chr18	68037730	68038192	+	0.105562
Cep192	MmuINT0034731	chr18	68040532	68040937	+	0.060213
Cep192	MmuINT0034732	chr18	68040997	68044392	+	0.068901
Cep250	MmuINT0034745	chr2	1.56E+08	1.56E+08	+	0.040231
Cep250	MmuINT0034747	chr2	1.56E+08	1.56E+08	+	0.029091

Cep250	MmuINT0034749	chr2	1.56E+08	1.56E+08	+	0.056757
Cep250	MmuINT0034750	chr2	1.56E+08	1.56E+08	+	0.134658
Cep250	MmuINT0034751	chr2	1.56E+08	1.56E+08	+	0.053399
Cep250	MmuINT0034752	chr2	1.56E+08	1.56E+08	+	0.041193
Cep250	MmuINT0034753	chr2	1.56E+08	1.56E+08	+	0.048153
Cep250	MmuINT0034754	chr2	1.56E+08	1.56E+08	+	0.035015
Cep250	MmuINT0034755	chr2	1.56E+08	1.56E+08	+	0.135003
Cep250	MmuINT0034756	chr2	1.56E+08	1.56E+08	+	0.093291
Cep250	MmuINT0034757	chr2	1.56E+08	1.56E+08	+	0.497632
Cep250	MmuINT0034758	chr2	1.56E+08	1.56E+08	+	0.060989
Cep250	MmuINT0034759	chr2	1.56E+08	1.56E+08	+	0.111199
Cep250	MmuINT0034761	chr2	1.56E+08	1.56E+08	+	0.04371
Cep250	MmuINT0034762	chr2	1.56E+08	1.56E+08	+	0.052298
Cep250	MmuINT0034763	chr2	1.56E+08	1.56E+08	+	0.085618
Cep250	MmuINT0034764	chr2	1.56E+08	1.56E+08	+	0.095718
Cep290	MmuINT0034785	chr10	99981191	99981278	+	0.059341
Cep290	MmuINT0034799	chr10	1E+08	1E+08	+	0.055465
Cep290	MmuINT0034800	chr10	1E+08	1E+08	+	0.054059
Cep290	MmuINT0034801	chr10	1E+08	1E+08	+	0.058195
Cep290	MmuINT0034805	chr10	1E+08	1E+08	+	0.060927
Cep290	MmuINT0034811	chr10	1E+08	1E+08	+	0.043749
Cep290	MmuINT0034812	chr10	1E+08	1E+08	+	0.055176
Cep290	MmuINT0034813	chr10	1E+08	1E+08	+	0.052684
Cep290	MmuINT0034815	chr10	1E+08	1E+08	+	0.068181
Cep290	MmuINT0034816	chr10	1E+08	1E+08	+	0.070849
Cep350	MmuINT0034821	chr1	1.58E+08	1.58E+08	-	0.123562
Cep350	MmuINT0034822	chr1	1.58E+08	1.58E+08	-	0.032373
Cep350	MmuINT0034823	chr1	1.58E+08	1.58E+08	-	0.039385
Cep350	MmuINT0034824	chr1	1.58E+08	1.58E+08	-	0.040094
Cep350	MmuINT0034825	chr1	1.58E+08	1.58E+08	-	0.068383
Cep350	MmuINT0034826	chr1	1.58E+08	1.58E+08	-	0.03958
Cep350	MmuINT0034827	chr1	1.58E+08	1.58E+08	-	0.036207
Cep350	MmuINT0034828	chr1	1.58E+08	1.58E+08	-	0.028709
Cep350	MmuINT0034829	chr1	1.58E+08	1.58E+08	-	0.025129
Cep350	MmuINT0034830	chr1	1.58E+08	1.58E+08	-	0.028059
Cep350	MmuINT0034831	chr1	1.58E+08	1.58E+08	-	0.024601
Cep350	MmuINT0034833	chr1	1.58E+08	1.58E+08	-	0.034969
Cep350	MmuINT0034834	chr1	1.58E+08	1.58E+08	-	0.034933
Cep350	MmuINT0034835	chr1	1.58E+08	1.58E+08	-	0.038559
Cep350	MmuINT0034836	chr1	1.58E+08	1.58E+08	-	0.03068
Cep350	MmuINT0034837	chr1	1.58E+08	1.58E+08	-	0.028599
Cep350	MmuINT0034838	chr1	1.58E+08	1.58E+08	-	0.034823
Cep350	MmuINT0034839	chr1	1.58E+08	1.58E+08	-	0.025104
Cep350	MmuINT0034840	chr1	1.58E+08	1.58E+08	-	0.051734
Cep350	MmuINT0034841	chr1	1.58E+08	1.58E+08	-	0.024123
Cep350	MmuINT0034842	chr1	1.58E+08	1.58E+08	-	0.034951
Cep350	MmuINT0034844	chr1	1.58E+08	1.58E+08	-	0.025386
Cep350	MmuINT0034845	chr1	1.58E+08	1.58E+08	-	0.028303
Cep350	MmuINT0034846	chr1	1.58E+08	1.58E+08	-	0.021402
Cep350	MmuINT0034847	chr1	1.58E+08	1.58E+08	-	0.036204



Cep350	MmuINT0034848	chr1	1.58E+08	1.58E+08	-	0.016958
Cep350	MmuINT0034850	chr1	1.58E+08	1.58E+08	-	0.015494
Cep350	MmuINT0034851	chr1	1.58E+08	1.58E+08	-	0.023458
Cep350	MmuINT0034852	chr1	1.58E+08	1.58E+08	-	0.025196
Cep350	MmuINT0034853	chr1	1.58E+08	1.58E+08	-	0.040241
Cep350	MmuINT0034854	chr1	1.58E+08	1.58E+08	-	0.029157
Cep350	MmuINT0034855	chr1	1.58E+08	1.58E+08	-	0.034974
Cep350	MmuINT0034856	chr1	1.58E+08	1.58E+08	-	0.03898
Cep350	MmuINT0034857	chr1	1.58E+08	1.58E+08	-	0.050084
Cep57	MmuINT0034866	chr9	13626128	13631299	-	0.054068
Cep57	MmuINT0034867	chr9	13613285	13614303	-	0.098087
Cep57	MmuINT0034868	chr9	13623483	13625970	-	0.029295
Cep57	MmuINT0034869	chr9	13622889	13623302	-	0.031462
Cep57	MmuINT0034870	chr9	13621448	13622766	-	0.03442
Cep57	MmuINT0034871	chr9	13620577	13621330	-	0.100985
Cep57	MmuINT0034872	chr9	13617965	13620498	-	0.061137
Cep57	MmuINT0034873	chr9	13617155	13617853	-	0.165427
Cep57	MmuINT0034874	chr9	13615307	13617076	-	0.307524
Cep57	MmuINT0034875	chr9	13614449	13615070	-	0.116793
Cep63	MmuINT0034877	chr9	1.03E+08	1.03E+08	-	0.005353
Cep63	MmuINT0034878	chr9	1.03E+08	1.03E+08	-	0.003442
Cep63	MmuINT0034879	chr9	1.02E+08	1.03E+08	-	0.003477
Cep63	MmuINT0034880	chr9	1.02E+08	1.02E+08	-	0.005758
Cep63	MmuINT0034883	chr9	1.02E+08	1.02E+08	-	0.765992
Cep63	MmuINT0034886	chr9	1.03E+08	1.03E+08	-	0.008672
Cep63	MmuINT0034887	chr9	1.03E+08	1.03E+08	-	0.005522
Cep63	MmuINT0034888	chr9	1.03E+08	1.03E+08	-	0.004652
Cep63	MmuINT0034889	chr9	1.03E+08	1.03E+08	-	0.005167
Cep63	MmuINT0034890	chr9	1.03E+08	1.03E+08	-	0.00341
Cep63	MmuINT0034891	chr9	1.03E+08	1.03E+08	-	0.007786
Cep68	MmuINT0034892	chr11	20142242	20149309	-	0.012273
Cep68	MmuINT0034893	chr11	20140702	20141888	-	0.02645
Cep68	MmuINT0034894	chr11	20138592	20139198	-	0.024033
Cep68	MmuINT0034895	chr11	20136106	20138468	-	0.047003
Cep68	MmuINT0034896	chr11	20130598	20136008	-	0.016791
Cep68	MmuINT0034897	chr11	20129485	20130426	-	0.025404
Cep70	MmuINT0034900	chr9	99181522	99189614	+	0.036053
Cep70	MmuINT0034901	chr9	99189721	99191943	+	0.024834
Cep70	MmuINT0034902	chr9	99192115	99196445	+	0.047364
Cep70	MmuINT0034903	chr9	99196593	99196694	+	0.029474
Cep70	MmuINT0034904	chr9	99196864	99197997	+	0.050645
Cep70	MmuINT0034905	chr9	99198113	99198921	+	0.327426
Cep70	MmuINT0034906	chr9	99199002	99200146	+	0.215262
Cep70	MmuINT0034907	chr9	99146786	99154673	+	0.027502
Cep70	MmuINT0034908	chr9	99154797	99162964	+	0.02425
Cep70	MmuINT0034909	chr9	99163056	99163244	+	0.035589
Cep70	MmuINT0034910	chr9	99163369	99164047	+	0.050307
Cep70	MmuINT0034911	chr9	99164229	99175996	+	0.15733
Cep70	MmuINT0034912	chr9	99176167	99177807	+	0.069397
Cep70	MmuINT0034914	chr9	99178438	99178528	+	0.208782

Cep76	MmuINT0034926	chr18	67799818	67800765	-	0.033977
Cep76	MmuINT0034927	chr18	67779408	67782790	-	0.060674
Cep76	MmuINT0034928	chr18	67779027	67779189	-	0.039705
Cep76	MmuINT0034929	chr18	67797996	67799661	-	0.041104
Cep76	MmuINT0034930	chr18	67797018	67797919	-	0.041016
Cep76	MmuINT0034931	chr18	67794595	67796792	-	0.02841
Cep76	MmuINT0034934	chr18	67786363	67789472	-	0.039585
Cep76	MmuINT0034935	chr18	67784751	67786173	-	0.02378
Cep76	MmuINT0034936	chr18	67783125	67784583	-	0.027667
Cep78	MmuINT0034937	chr19	16056291	16059102	-	0.054749
Cep78	MmuINT0034938	chr19	16043691	16045022	-	0.039201
Cep78	MmuINT0034939	chr19	16036940	16043561	-	0.064275
Cep78	MmuINT0034941	chr19	16034191	16035432	-	0.061843
Cep78	MmuINT0034942	chr19	16030894	16034021	-	0.11582
Cep78	MmuINT0034943	chr19	16056028	16056117	-	0.054913
Cep78	MmuINT0034944	chr19	16055686	16055954	-	0.054354
Cep78	MmuINT0034945	chr19	16053446	16055581	-	0.046162
Cep78	MmuINT0034949	chr19	16045522	16048845	-	0.03492
Cep78	MmuINT0034950	chr19	16045069	16045385	-	0.04315
Cep97	MmuINT0034954	chr16	55927993	55930578	-	0.063081
Cep97	MmuINT0034960	chr16	55911744	55914969	-	0.046371
Cept1	MmuINT0034961	chr3	1.06E+08	1.06E+08	-	0.039159
Cept1	MmuINT0034962	chr3	1.06E+08	1.06E+08	-	0.010664
Cept1	MmuINT0034963	chr3	1.06E+08	1.06E+08	-	0.010771
Cept1	MmuINT0034964	chr3	1.06E+08	1.06E+08	-	0.056224
Cept1	MmuINT0034965	chr3	1.06E+08	1.06E+08	-	0.125652
Cept1	MmuINT0034966	chr3	1.06E+08	1.06E+08	-	0.024178
Cept1	MmuINT0034967	chr3	1.06E+08	1.06E+08	-	0.045902
Cept1	MmuINT0034968	chr3	1.06E+08	1.06E+08	-	0.029885
Cercam	MmuINT0034972	chr2	29736639	29737215	+	0.080992
Cerk	MmuINT0034981	chr15	85996366	86015936	-	0.018617
Cerk	MmuINT0034982	chr15	85975158	85975917	-	0.033367
Cerk	MmuINT0034983	chr15	85973321	85974951	-	0.00926
Cerk	MmuINT0034984	chr15	85972043	85973111	-	0.010943
Cerk	MmuINT0034985	chr15	85995521	85996251	-	0.007023
Cerk	MmuINT0034986	chr15	85989650	85995397	-	0.046673
Cerk	MmuINT0034987	chr15	85987082	85989523	-	0.006946
Cerk	MmuINT0034988	chr15	85985550	85987017	-	0.008587
Cerk	MmuINT0034989	chr15	85982040	85985403	-	0.025592
Cerk	MmuINT0034990	chr15	85979861	85981964	-	0.009162
Cerk	MmuINT0034991	chr15	85976821	85979707	-	0.020236
Cerk	MmuINT0034992	chr15	85975995	85976714	-	0.017743
Ces1c	MmuINT0035036	chr8	95647153	95648357	-	0.031488
Ces1d	MmuINT0035042	chr8	95718981	95721566	-	0.001043
Ces1d	MmuINT0035043	chr8	95699078	95700064	-	0.012044
Ces1d	MmuINT0035044	chr8	95695051	95698929	-	0.011246
Ces1d	MmuINT0035045	chr8	95693693	95694918	-	0.004264
Ces1d	MmuINT0035046	chr8	95690338	95693619	-	0.006386
Ces1d	MmuINT0035047	chr8	95716805	95718775	-	0.010437
Ces1d	MmuINT0035048	chr8	95713495	95716659	-	0.01035

Ces1d	MmuINT0035049	chr8	95711796	95713360	-	0.001097
Ces1d	MmuINT0035050	chr8	95710018	95711641	-	0.00118
Ces1d	MmuINT0035051	chr8	95708962	95709912	-	0.01742
Ces1d	MmuINT0035052	chr8	95705463	95708856	-	0.001448
Ces1d	MmuINT0035053	chr8	95702071	95705423	-	0.001269
Ces3a	MmuINT0035176	chr8	1.08E+08	1.08E+08	+	0.050426
Cetn2	MmuINT0035222	chrX	70162186	70163652	-	0.005218
Cetn2	MmuINT0035223	chrX	70161733	70162026	-	0.004595
Cetn2	MmuINT0035224	chrX	70160317	70161603	-	0.005575
Cetn2	MmuINT0035225	chrX	70159633	70160178	-	0.003824
Cetn3	MmuINT0035226	chr13	81922357	81923639	+	0.008055
Cetn3	MmuINT0035227	chr13	81923776	81925841	+	0.003815
Cetn3	MmuINT0035228	chr13	81925957	81930954	+	0.004512
Cetn3	MmuINT0035229	chr13	81931147	81935652	+	0.055855
Cfb	MmuINT0035235	chr17	34995541	34995953	-	0.602293
Cfb	MmuINT0035236	chr17	34995100	34995442	-	0.621455
Cfb	MmuINT0035237	chr17	34994767	34994981	-	0.764309
Cfb	MmuINT0035238	chr17	34994514	34994612	-	0.49789
Cfb	MmuINT0035239	chr17	34994265	34994436	-	0.647486
Cfb	MmuINT0035240	chr17	34994082	34994163	-	0.632758
Cfb	MmuINT0035241	chr17	34993528	34993824	-	0.618717
Cfb	MmuINT0035243	chr17	34997882	34997972	-	0.053825
Cfb	MmuINT0035247	chr17	34996519	34996880	-	0.577052
Cfb	MmuINT0035248	chr17	34996277	34996386	-	0.617902
Cfb	MmuINT0035249	chr17	34996092	34996174	-	0.701329
Cfdp1	MmuINT0035259	chr8	1.14E+08	1.14E+08	-	0.003769
Cfdp1	MmuINT0035260	chr8	1.14E+08	1.14E+08	-	0.004241
Cfdp1	MmuINT0035261	chr8	1.14E+08	1.14E+08	-	0.003249
Cfdp1	MmuINT0035262	chr8	1.14E+08	1.14E+08	-	0.004529
Cfdp1	MmuINT0035263	chr8	1.14E+08	1.14E+08	-	0.00289
Cfdp1	MmuINT0035264	chr8	1.14E+08	1.14E+08	-	0.010959
Cfh	MmuINT0035265	chr1	1.42E+08	1.42E+08	-	0.008535
Cfh	MmuINT0035270	chr1	1.42E+08	1.42E+08	-	0.003427
Cfh	MmuINT0035271	chr1	1.42E+08	1.42E+08	-	0.006448
Cfh	MmuINT0035275	chr1	1.42E+08	1.42E+08	-	0.010049
Cfh	MmuINT0035276	chr1	1.42E+08	1.42E+08	-	0.013055
Cfh	MmuINT0035277	chr1	1.42E+08	1.42E+08	-	0.004114
Cfh	MmuINT0035278	chr1	1.42E+08	1.42E+08	-	0.002592
Cfh	MmuINT0035279	chr1	1.42E+08	1.42E+08	-	0.01324
Cfl2	MmuINT0035307	chr12	55962821	55963730	-	0.00341
Cfl2	MmuINT0035308	chr12	55962401	55962512	-	0.030647
Cfl2	MmuINT0035309	chr12	55962225	55962323	-	0.000636
Cflar	MmuINT0035314	chr1	58792557	58797106	+	0.028821
Cflar	MmuINT0035315	chr1	58797157	58797808	+	0.03531
Cflar	MmuINT0035316	chr1	58797891	58809182	+	0.035204
Cflar	MmuINT0035317	chr1	58809691	58810627	+	0.012321
Cfp	MmuINT0035318	chrX	20508429	20508516	-	0.433725
Cfp	MmuINT0035319	chrX	20506898	20508277	-	0.375299
Cfp	MmuINT0035320	chrX	20505940	20506721	-	0.077801
Cfp	MmuINT0035321	chrX	20505646	20505768	-	0.025262

Cfp	MmuINT0035322	chrX	20505253	20505453	-	0.032455
Cfp	MmuINT0035323	chrX	20504850	20505078	-	0.369071
Cfp	MmuINT0035324	chrX	20504519	20504660	-	0.144605
Cfp	MmuINT0035325	chrX	20502886	20504406	-	0.198477
Cggbp1	MmuINT0035355	chr16	64852063	64852624	+	0.132121
Cggbp1	MmuINT0035356	chr16	64852852	64855376	+	0.013299
Cgnl1	MmuINT0035378	chr9	71499194	71503099	-	0.01403
Cgnl1	MmuINT0035379	chr9	71498200	71499040	-	0.013579
Cgnl1	MmuINT0035380	chr9	71493461	71498028	-	0.031882
Cgnl1	MmuINT0035381	chr9	71489256	71493298	-	0.017854
Cgnl1	MmuINT0035382	chr9	71480489	71489165	-	0.047928
Cgnl1	MmuINT0035383	chr9	71479663	71480404	-	0.019261
Cgnl1	MmuINT0035384	chr9	71478778	71479537	-	0.049848
Cgnl1	MmuINT0035385	chr9	71478447	71478668	-	0.023979
Cgnl1	MmuINT0035386	chr9	71477200	71478282	-	0.019373
Cgnl1	MmuINT0035387	chr9	71571436	71572284	-	0.021683
Cgnl1	MmuINT0035388	chr9	71569509	71571340	-	0.017753
Cgnl1	MmuINT0035389	chr9	71565305	71569402	-	0.040791
Cgnl1	MmuINT0035390	chr9	71564364	71565202	-	0.013326
Cgnl1	MmuINT0035391	chr9	71563266	71564214	-	0.012343
Cgnl1	MmuINT0035392	chr9	71553168	71563129	-	0.018187
Cgnl1	MmuINT0035393	chr9	71504060	71552954	-	0.010888
Cgnl1	MmuINT0035394	chr9	71503205	71503852	-	0.014941
Cgrrf1	MmuINT0035400	chr14	47452055	47459831	+	0.005465
Cgrrf1	MmuINT0035401	chr14	47459972	47465548	+	0.210751
Cgrrf1	MmuINT0035402	chr14	47465727	47465859	+	0.018639
Cgrrf1	MmuINT0035403	chr14	47466008	47473053	+	0.042657
Cgrrf1	MmuINT0035404	chr14	47473162	47473373	+	0.010195
Chac1	MmuINT0035405	chr2	1.19E+08	1.19E+08	+	0.050322
Chac1	MmuINT0035406	chr2	1.19E+08	1.19E+08	+	0.021972
Chac2	MmuINT0035407	chr11	30879601	30886111	-	0.021883
Chac2	MmuINT0035408	chr11	30877747	30879564	-	0.01517
Chaf1a	MmuINT0035421	chr17	56204849	56206829	+	0.183296
Chchd1	MmuINT0035458	chr14	21522420	21522511	+	0.010478
Chchd1	MmuINT0035459	chr14	21522631	21523342	+	0.01582
Chchd10	MmuINT0035460	chr10	75398750	75398982	+	0.00352
Chchd10	MmuINT0035461	chr10	75399191	75400051	+	0.000703
Chchd10	MmuINT0035462	chr10	75400200	75400319	+	0.000087
Chchd3	MmuINT0035465	chr6	32999425	33009999	-	0.001916
Chchd3	MmuINT0035466	chr6	32958565	32999336	-	0.000486
Chchd3	MmuINT0035467	chr6	32918319	32958482	-	0.000343
Chchd3	MmuINT0035468	chr6	32842376	32918200	-	0.00041
Chchd3	MmuINT0035469	chr6	32802216	32842291	-	0.000941
Chchd3	MmuINT0035470	chr6	32754026	32802144	-	0.004132
Chchd3	MmuINT0035471	chr6	32742927	32753889	-	0.000833
Chchd4	MmuINT0035472	chr6	91417776	91423309	-	0.018128
Chchd4	MmuINT0035473	chr6	91415308	91417676	-	0.008415
Chchd5	MmuINT0035474	chr2	1.29E+08	1.29E+08	+	0.060436
Chchd5	MmuINT0035475	chr2	1.29E+08	1.29E+08	+	0.01365
Chchd5	MmuINT0035476	chr2	1.29E+08	1.29E+08	+	0.003931

Chchd6	MmuINT0035478	chr6	89524585	89545452	-	0.012829
Chchd6	MmuINT0035479	chr6	89519407	89524361	-	0.013482
Chchd6	MmuINT0035480	chr6	89517726	89519336	-	0.013618
Chchd6	MmuINT0035481	chr6	89417468	89517580	-	0.01267
Chchd6	MmuINT0035482	chr6	89369813	89417383	-	0.015801
Chchd6	MmuINT0035483	chr6	89334734	89369741	-	0.014956
Chchd6	MmuINT0035484	chr6	89333343	89334597	-	0.013115
Chchd7	MmuINT0035485	chr4	3866674	3868392	+	0.057343
Chchd7	MmuINT0035486	chr4	3868459	3869867	+	0.026617
Chchd7	MmuINT0035487	chr4	3869967	3870534	+	0.057577
Chchd8	MmuINT0035489	chr7	1.08E+08	1.08E+08	+	0.01493
Chd1	MmuINT0035491	chr17	15870128	15871194	+	0.018207
Chd1	MmuINT0035492	chr17	15871323	15872591	+	0.038731
Chd1	MmuINT0035493	chr17	15872809	15873823	+	0.033511
Chd1	MmuINT0035494	chr17	15873914	15875445	+	0.046202
Chd1	MmuINT0035495	chr17	15875637	15876469	+	0.015648
Chd1	MmuINT0035496	chr17	15876659	15879120	+	0.035142
Chd1	MmuINT0035497	chr17	15879284	15880041	+	0.027817
Chd1	MmuINT0035498	chr17	15880195	15884098	+	0.032963
Chd1	MmuINT0035499	chr17	15884171	15884731	+	0.038234
Chd1	MmuINT0035500	chr17	15884882	15886336	+	0.026314
Chd1	MmuINT0035501	chr17	15844104	15862232	+	0.025147
Chd1	MmuINT0035502	chr17	15886486	15886811	+	0.023393
Chd1	MmuINT0035503	chr17	15886909	15887002	+	0.025307
Chd1	MmuINT0035504	chr17	15887099	15889285	+	0.021687
Chd1	MmuINT0035505	chr17	15889463	15891884	+	0.024219
Chd1	MmuINT0035506	chr17	15892046	15893723	+	0.21061
Chd1	MmuINT0035507	chr17	15893766	15894580	+	0.050809
Chd1	MmuINT0035508	chr17	15894712	15895238	+	0.0324
Chd1	MmuINT0035509	chr17	15895378	15895545	+	0.032499
Chd1	MmuINT0035510	chr17	15895697	15897291	+	0.043619
Chd1	MmuINT0035511	chr17	15897415	15898242	+	0.025262
Chd1	MmuINT0035512	chr17	15862435	15863212	+	0.035366
Chd1	MmuINT0035513	chr17	15898372	15899345	+	0.020236
Chd1	MmuINT0035514	chr17	15899487	15901806	+	0.036476
Chd1	MmuINT0035515	chr17	15901986	15903294	+	0.042518
Chd1	MmuINT0035516	chr17	15903392	15904413	+	0.066314
Chd1	MmuINT0035517	chr17	15904469	15905529	+	0.0492
Chd1	MmuINT0035518	chr17	15905741	15906941	+	0.013893
Chd1	MmuINT0035519	chr17	15863327	15865150	+	0.033
Chd1	MmuINT0035520	chr17	15865216	15867446	+	0.034344
Chd1	MmuINT0035521	chr17	15867597	15867712	+	0.02347
Chd1	MmuINT0035522	chr17	15867982	15868817	+	0.044949
Chd1	MmuINT0035523	chr17	15869044	15869502	+	0.030587
Chd1	MmuINT0035524	chr17	15869604	15869948	+	0.031319
Chd1l	MmuINT0035526	chr3	97392237	97393828	-	0.025437
Chd1l	MmuINT0035527	chr3	97391145	97392162	-	0.022666
Chd1l	MmuINT0035528	chr3	97387846	97391033	-	0.015237
Chd1l	MmuINT0035529	chr3	97386794	97387730	-	0.01547
Chd1l	MmuINT0035530	chr3	97385101	97386639	-	0.015018

Chd1l	MmuINT0035531	chr3	97376633	97384901	-	0.032152
Chd1l	MmuINT0035532	chr3	97374991	97376483	-	0.01913
Chd1l	MmuINT0035533	chr3	97374328	97374826	-	0.084723
Chd1l	MmuINT0035534	chr3	97373123	97374124	-	0.019829
Chd1l	MmuINT0035535	chr3	97370753	97373023	-	0.036703
Chd1l	MmuINT0035536	chr3	97407690	97409020	-	0.018932
Chd1l	MmuINT0035537	chr3	97367495	97370681	-	0.039735
Chd1l	MmuINT0035538	chr3	97366611	97367379	-	0.014681
Chd1l	MmuINT0035539	chr3	97365011	97366501	-	0.009032
Chd1l	MmuINT0035540	chr3	97407047	97407582	-	0.018601
Chd1l	MmuINT0035541	chr3	97405977	97406931	-	0.033739
Chd1l	MmuINT0035542	chr3	97401697	97405944	-	0.090987
Chd1l	MmuINT0035543	chr3	97398094	97401614	-	0.047364
Chd1l	MmuINT0035544	chr3	97395284	97397930	-	0.021389
Chd1l	MmuINT0035545	chr3	97394570	97395127	-	0.017936
Chd1l	MmuINT0035546	chr3	97393926	97394476	-	0.022638
Chd2	MmuINT0035547	chr7	80685791	80686131	-	0.314398
Chd2	MmuINT0035548	chr7	80644870	80645820	-	0.04232
Chd2	MmuINT0035549	chr7	80644659	80644824	-	0.034545
Chd2	MmuINT0035550	chr7	80642718	80644479	-	0.019505
Chd2	MmuINT0035551	chr7	80638528	80642592	-	0.039155
Chd2	MmuINT0035552	chr7	80636311	80638310	-	0.034616
Chd2	MmuINT0035553	chr7	80635556	80636220	-	0.031729
Chd2	MmuINT0035554	chr7	80629484	80635364	-	0.016672
Chd2	MmuINT0035555	chr7	80626010	80629294	-	0.022911
Chd2	MmuINT0035556	chr7	80625440	80625846	-	0.025379
Chd2	MmuINT0035557	chr7	80623617	80625286	-	0.047511
Chd2	MmuINT0035558	chr7	80664595	80685657	-	0.197477
Chd2	MmuINT0035559	chr7	80620380	80623544	-	0.044263
Chd2	MmuINT0035560	chr7	80619541	80620229	-	0.017356
Chd2	MmuINT0035561	chr7	80617995	80619391	-	0.017179
Chd2	MmuINT0035562	chr7	80616776	80617897	-	0.019797
Chd2	MmuINT0035563	chr7	80614615	80616682	-	0.017725
Chd2	MmuINT0035564	chr7	80613518	80614443	-	0.01296
Chd2	MmuINT0035565	chr7	80609276	80613341	-	0.036191
Chd2	MmuINT0035566	chr7	80608662	80609233	-	0.019603
Chd2	MmuINT0035567	chr7	80600799	80608521	-	0.01839
Chd2	MmuINT0035568	chr7	80600528	80600659	-	0.017256
Chd2	MmuINT0035569	chr7	80660699	80664362	-	0.025247
Chd2	MmuINT0035570	chr7	80599338	80600376	-	0.025618
Chd2	MmuINT0035571	chr7	80598114	80599214	-	0.016476
Chd2	MmuINT0035572	chr7	80596726	80597984	-	0.032163
Chd2	MmuINT0035574	chr7	80592200	80594042	-	0.014405
Chd2	MmuINT0035575	chr7	80589221	80592020	-	0.021003
Chd2	MmuINT0035576	chr7	80586686	80589120	-	0.018743
Chd2	MmuINT0035577	chr7	80580865	80586471	-	0.018058
Chd2	MmuINT0035578	chr7	80574887	80580620	-	0.025461
Chd2	MmuINT0035579	chr7	80659038	80660611	-	0.022589
Chd2	MmuINT0035580	chr7	80652800	80658975	-	0.039321
Chd2	MmuINT0035581	chr7	80650015	80652691	-	0.033792

Chd2	MmuINT0035582	chr7	80648401	80649873	-	0.022677
Chd2	MmuINT0035583	chr7	80647021	80648266	-	0.022318
Chd2	MmuINT0035584	chr7	80645922	80646794	-	0.031288
Chd3	MmuINT0035586	chr11	69173541	69173673	-	0.018314
Chd3	MmuINT0035587	chr11	69172761	69173328	-	0.020993
Chd3	MmuINT0035589	chr11	69171399	69171744	-	0.02069
Chd3	MmuINT0035590	chr11	69171068	69171206	-	0.026148
Chd3	MmuINT0035591	chr11	69170578	69170866	-	0.028535
Chd3	MmuINT0035592	chr11	69170160	69170439	-	0.031121
Chd3	MmuINT0035593	chr11	69169883	69170037	-	0.020064
Chd3	MmuINT0035594	chr11	69169275	69169708	-	0.025845
Chd3	MmuINT0035595	chr11	69168973	69169132	-	0.022382
Chd3	MmuINT0035596	chr11	69177646	69178193	-	0.046518
Chd3	MmuINT0035597	chr11	69167985	69168840	-	0.027596
Chd3	MmuINT0035598	chr11	69167689	69167866	-	0.035949
Chd3	MmuINT0035599	chr11	69167398	69167563	-	0.020339
Chd3	MmuINT0035600	chr11	69166857	69167165	-	0.022096
Chd3	MmuINT0035601	chr11	69166227	69166689	-	0.016767
Chd3	MmuINT0035602	chr11	69165668	69166048	-	0.018022
Chd3	MmuINT0035603	chr11	69164672	69165601	-	0.024157
Chd3	MmuINT0035604	chr11	69164428	69164585	-	0.025575
Chd3	MmuINT0035605	chr11	69163754	69164293	-	0.019925
Chd3	MmuINT0035606	chr11	69163455	69163608	-	0.022083
Chd3	MmuINT0035608	chr11	69162795	69163291	-	0.015047
Chd3	MmuINT0035609	chr11	69162559	69162672	-	0.013294
Chd3	MmuINT0035611	chr11	69161364	69161894	-	0.019108
Chd3	MmuINT0035612	chr11	69160701	69161254	-	0.02028
Chd3	MmuINT0035613	chr11	69160316	69160567	-	0.025095
Chd3	MmuINT0035614	chr11	69159137	69160119	-	0.251728
Chd3	MmuINT0035615	chr11	69158765	69158972	-	0.028221
Chd3	MmuINT0035616	chr11	69157981	69158637	-	0.0434
Chd3	MmuINT0035620	chr11	69174745	69174886	-	0.038447
Chd3	MmuINT0035622	chr11	69173878	69174046	-	0.01765
Chd4	MmuINT0035623	chr6	1.25E+08	1.25E+08	+	0.149264
Chd4	MmuINT0035624	chr6	1.25E+08	1.25E+08	+	0.003666
Chd4	MmuINT0035625	chr6	1.25E+08	1.25E+08	+	0.002832
Chd4	MmuINT0035626	chr6	1.25E+08	1.25E+08	+	0.002825
Chd4	MmuINT0035627	chr6	1.25E+08	1.25E+08	+	0.003814
Chd4	MmuINT0035628	chr6	1.25E+08	1.25E+08	+	0.002849
Chd4	MmuINT0035629	chr6	1.25E+08	1.25E+08	+	0.002949
Chd4	MmuINT0035630	chr6	1.25E+08	1.25E+08	+	0.003974
Chd4	MmuINT0035631	chr6	1.25E+08	1.25E+08	+	0.004712
Chd4	MmuINT0035632	chr6	1.25E+08	1.25E+08	+	0.002929
Chd4	MmuINT0035633	chr6	1.25E+08	1.25E+08	+	0.004657
Chd4	MmuINT0035634	chr6	1.25E+08	1.25E+08	+	0.003363
Chd4	MmuINT0035635	chr6	1.25E+08	1.25E+08	+	0.002572
Chd4	MmuINT0035636	chr6	1.25E+08	1.25E+08	+	0.004034
Chd4	MmuINT0035637	chr6	1.25E+08	1.25E+08	+	0.005197
Chd4	MmuINT0035638	chr6	1.25E+08	1.25E+08	+	0.002667
Chd4	MmuINT0035639	chr6	1.25E+08	1.25E+08	+	0.002134

Chd4	MmuINT0035640	chr6	1.25E+08	1.25E+08	+	0.015934
Chd4	MmuINT0035641	chr6	1.25E+08	1.25E+08	+	0.17584
Chd4	MmuINT0035642	chr6	1.25E+08	1.25E+08	+	0.002843
Chd4	MmuINT0035643	chr6	1.25E+08	1.25E+08	+	0.002922
Chd4	MmuINT0035644	chr6	1.25E+08	1.25E+08	+	0.003373
Chd4	MmuINT0035645	chr6	1.25E+08	1.25E+08	+	0.08936
Chd4	MmuINT0035646	chr6	1.25E+08	1.25E+08	+	0.002246
Chd4	MmuINT0035647	chr6	1.25E+08	1.25E+08	+	0.008744
Chd4	MmuINT0035648	chr6	1.25E+08	1.25E+08	+	0.005156
Chd4	MmuINT0035649	chr6	1.25E+08	1.25E+08	+	0.003293
Chd4	MmuINT0035650	chr6	1.25E+08	1.25E+08	+	0.002719
Chd4	MmuINT0035651	chr6	1.25E+08	1.25E+08	+	0.002307
Chd4	MmuINT0035652	chr6	1.25E+08	1.25E+08	+	0.003706
Chd4	MmuINT0035653	chr6	1.25E+08	1.25E+08	+	0.011614
Chd4	MmuINT0035654	chr6	1.25E+08	1.25E+08	+	0.01207
Chd4	MmuINT0035655	chr6	1.25E+08	1.25E+08	+	0.003658
Chd4	MmuINT0035656	chr6	1.25E+08	1.25E+08	+	0.004172
Chd4	MmuINT0035657	chr6	1.25E+08	1.25E+08	+	0.004086
Chd4	MmuINT0035658	chr6	1.25E+08	1.25E+08	+	0.004181
Chd4	MmuINT0035659	chr6	1.25E+08	1.25E+08	+	0.00927
Chd4	MmuINT0035660	chr6	1.25E+08	1.25E+08	+	0.00264
Chd6	MmuINT0035712	chr2	1.61E+08	1.61E+08	-	0.024324
Chd6	MmuINT0035719	chr2	1.61E+08	1.61E+08	-	0.032447
Chd6	MmuINT0035720	chr2	1.61E+08	1.61E+08	-	0.024436
Chd6	MmuINT0035721	chr2	1.61E+08	1.61E+08	-	0.017037
Chd6	MmuINT0035722	chr2	1.61E+08	1.61E+08	-	0.040066
Chd6	MmuINT0035723	chr2	1.61E+08	1.61E+08	-	0.098332
Chd6	MmuINT0035724	chr2	1.61E+08	1.61E+08	-	0.023491
Chd6	MmuINT0035725	chr2	1.61E+08	1.61E+08	-	0.022773
Chd6	MmuINT0035726	chr2	1.61E+08	1.61E+08	-	0.016755
Chd6	MmuINT0035727	chr2	1.61E+08	1.61E+08	-	0.165034
Chd6	MmuINT0035728	chr2	1.61E+08	1.61E+08	-	0.014592
Chd6	MmuINT0035729	chr2	1.61E+08	1.61E+08	-	0.010198
Chd6	MmuINT0035730	chr2	1.61E+08	1.61E+08	-	0.012539
Chd6	MmuINT0035731	chr2	1.61E+08	1.61E+08	-	0.012214
Chd6	MmuINT0035732	chr2	1.61E+08	1.61E+08	-	0.058061
Chd6	MmuINT0035735	chr2	1.61E+08	1.61E+08	-	0.01351
Chd6	MmuINT0035738	chr2	1.61E+08	1.61E+08	-	0.052211
Chd7	MmuINT0035740	chr4	8753494	8753589	+	0.053559
Chd7	MmuINT0035741	chr4	8753712	8754030	+	0.07187
Chd7	MmuINT0035742	chr4	8754275	8755378	+	0.032226
Chd7	MmuINT0035743	chr4	8755556	8759621	+	0.029858
Chd7	MmuINT0035744	chr4	8759766	8760886	+	0.024526
Chd7	MmuINT0035745	chr4	8761143	8765697	+	0.02492
Chd7	MmuINT0035746	chr4	8765909	8766571	+	0.031331
Chd7	MmuINT0035747	chr4	8766768	8767535	+	0.038531
Chd7	MmuINT0035748	chr4	8767704	8768242	+	0.032948
Chd7	MmuINT0035749	chr4	8768423	8771458	+	0.032002
Chd7	MmuINT0035750	chr4	8680296	8712488	+	0.026361
Chd7	MmuINT0035751	chr4	8771570	8771653	+	0.038849



Chd7	MmuINT0035752	chr4	8771860	8774225	+	0.036733
Chd7	MmuINT0035753	chr4	8774426	8774603	+	0.067652
Chd7	MmuINT0035754	chr4	8774764	8777942	+	0.069212
Chd7	MmuINT0035755	chr4	8778033	8778400	+	0.048501
Chd7	MmuINT0035756	chr4	8778505	8779824	+	0.030086
Chd7	MmuINT0035757	chr4	8779955	8780320	+	0.06252
Chd7	MmuINT0035758	chr4	8780394	8780549	+	0.039127
Chd7	MmuINT0035759	chr4	8780608	8781211	+	0.043385
Chd7	MmuINT0035760	chr4	8781441	8781671	+	0.028476
Chd7	MmuINT0035761	chr4	8712911	8728470	+	0.021488
Chd7	MmuINT0035762	chr4	8781881	8781992	+	0.016059
Chd7	MmuINT0035764	chr4	8783979	8785625	+	0.028227
Chd7	MmuINT0035765	chr4	8785854	8786189	+	0.022641
Chd7	MmuINT0035766	chr4	8786634	8789636	+	0.028777
Chd7	MmuINT0035767	chr4	8789859	8791055	+	0.024041
Chd7	MmuINT0035768	chr4	8791197	8791347	+	0.039768
Chd7	MmuINT0035769	chr4	8791453	8792884	+	0.031908
Chd7	MmuINT0035770	chr4	8728613	8732297	+	0.029462
Chd7	MmuINT0035771	chr4	8732436	8733442	+	0.04585
Chd7	MmuINT0035773	chr4	8738643	8749523	+	0.033425
Chd7	MmuINT0035774	chr4	8749639	8752608	+	0.074679
Chd7	MmuINT0035775	chr4	8752693	8753355	+	0.044244
Chd8	MmuINT0035776	chr14	52855177	52856404	-	0.022017
Chd8	MmuINT0035777	chr14	52841100	52842156	-	0.038504
Chd8	MmuINT0035778	chr14	52840833	52840977	-	0.020613
Chd8	MmuINT0035779	chr14	52839449	52840588	-	0.028088
Chd8	MmuINT0035780	chr14	52837992	52839271	-	0.024046
Chd8	MmuINT0035781	chr14	52837647	52837847	-	0.020769
Chd8	MmuINT0035782	chr14	52836128	52837390	-	0.041229
Chd8	MmuINT0035783	chr14	52835754	52835916	-	0.023402
Chd8	MmuINT0035784	chr14	52835016	52835557	-	0.025653
Chd8	MmuINT0035785	chr14	52834324	52834847	-	0.022861
Chd8	MmuINT0035786	chr14	52833999	52834143	-	0.020017
Chd8	MmuINT0035787	chr14	52852606	52854798	-	0.030869
Chd8	MmuINT0035788	chr14	52833125	52833887	-	0.038394
Chd8	MmuINT0035789	chr14	52832699	52832927	-	0.072261
Chd8	MmuINT0035790	chr14	52832395	52832498	-	0.177273
Chd8	MmuINT0035791	chr14	52832162	52832237	-	0.043112
Chd8	MmuINT0035792	chr14	52831595	52832071	-	0.044941
Chd8	MmuINT0035793	chr14	52830291	52831490	-	0.027462
Chd8	MmuINT0035794	chr14	52827741	52830160	-	0.081533
Chd8	MmuINT0035795	chr14	52826965	52827664	-	0.095202
Chd8	MmuINT0035796	chr14	52826734	52826909	-	0.042219
Chd8	MmuINT0035797	chr14	52825480	52826525	-	0.027648
Chd8	MmuINT0035798	chr14	52851228	52852219	-	0.033281
Chd8	MmuINT0035799	chr14	52825182	52825270	-	0.047131
Chd8	MmuINT0035800	chr14	52824260	52824464	-	0.132945
Chd8	MmuINT0035801	chr14	52823855	52824107	-	0.014062
Chd8	MmuINT0035802	chr14	52822293	52823551	-	0.018113
Chd8	MmuINT0035804	chr14	52821423	52821818	-	0.090299

Chd8	MmuINT0035805	chr14	52818828	52821305	-	0.036636
Chd8	MmuINT0035806	chr14	52847356	52851112	-	0.030629
Chd8	MmuINT0035809	chr14	52845831	52846287	-	0.033988
Chd8	MmuINT0035810	chr14	52844385	52845712	-	0.02384
Chd8	MmuINT0035811	chr14	52842295	52844300	-	0.027385
Chd9	MmuINT0035819	chr8	93521232	93522394	+	0.09555
Chd9	MmuINT0035822	chr8	93529781	93530429	+	0.049649
Chd9	MmuINT0035824	chr8	93530610	93532618	+	0.038337
Chd9	MmuINT0035825	chr8	93532730	93534510	+	0.033297
Chd9	MmuINT0035826	chr8	93534708	93535154	+	0.055379
Chd9	MmuINT0035833	chr8	93549322	93550566	+	0.047014
Chd9	MmuINT0035835	chr8	93550787	93554380	+	0.025109
Chd9	MmuINT0035836	chr8	93554584	93557237	+	0.049447
Chd9	MmuINT0035837	chr8	93558144	93558803	+	0.033199
Chd9	MmuINT0035838	chr8	93558965	93560224	+	0.027879
Chd9	MmuINT0035839	chr8	93560450	93561305	+	0.437504
Chd9	MmuINT0035840	chr8	93561475	93564946	+	0.033261
Chd9	MmuINT0035841	chr8	93565087	93565983	+	0.030757
Chd9	MmuINT0035842	chr8	93566179	93566740	+	0.021379
Chd9	MmuINT0035843	chr8	93566870	93573004	+	0.061126
Chd9	MmuINT0035844	chr8	93573110	93575001	+	0.028856
Chk2	MmuINT0035875	chr5	1.11E+08	1.11E+08	+	0.23733
Chk2	MmuINT0035885	chr5	1.11E+08	1.11E+08	+	0.043106
Cherp	MmuINT0035886	chr8	74998685	74998956	-	0.055747
Cherp	MmuINT0035887	chr8	74987216	74987982	-	0.028012
Cherp	MmuINT0035888	chr8	74986834	74986976	-	0.045839
Cherp	MmuINT0035889	chr8	74986390	74986699	-	0.119325
Cherp	MmuINT0035890	chr8	74986220	74986302	-	0.03706
Cherp	MmuINT0035891	chr8	74986002	74986075	-	0.53736
Cherp	MmuINT0035892	chr8	74985743	74985878	-	0.05136
Cherp	MmuINT0035893	chr8	74985521	74985647	-	0.033055
Cherp	MmuINT0035894	chr8	74985255	74985334	-	0.016434
Cherp	MmuINT0035895	chr8	74994955	74998510	-	0.019742
Cherp	MmuINT0035896	chr8	74994127	74994769	-	0.00854
Cherp	MmuINT0035897	chr8	74993915	74993988	-	0.046955
Cherp	MmuINT0035898	chr8	74992386	74993762	-	0.09981
Cherp	MmuINT0035899	chr8	74992189	74992273	-	0.013884
Cherp	MmuINT0035900	chr8	74991942	74992098	-	0.011889
Cherp	MmuINT0035901	chr8	74990458	74991661	-	0.065876
Cherp	MmuINT0035902	chr8	74988419	74990281	-	0.035414
Chfr	MmuINT0035903	chr5	1.11E+08	1.11E+08	+	0.02504
Chfr	MmuINT0035904	chr5	1.11E+08	1.11E+08	+	0.172315
Chfr	MmuINT0035905	chr5	1.11E+08	1.11E+08	+	0.559646
Chfr	MmuINT0035906	chr5	1.11E+08	1.11E+08	+	0.031518
Chfr	MmuINT0035907	chr5	1.11E+08	1.11E+08	+	0.07041
Chfr	MmuINT0035908	chr5	1.11E+08	1.11E+08	+	0.144205
Chfr	MmuINT0035909	chr5	1.11E+08	1.11E+08	+	0.043119
Chfr	MmuINT0035910	chr5	1.11E+08	1.11E+08	+	0.078736
Chfr	MmuINT0035911	chr5	1.11E+08	1.11E+08	+	0.050554
Chfr	MmuINT0035912	chr5	1.11E+08	1.11E+08	+	0.043915

Chfr	MmuINT0035913	chr5	1.11E+08	1.11E+08	+	0.022492
Chfr	MmuINT0035914	chr5	1.11E+08	1.11E+08	+	0.025931
Chfr	MmuINT0035915	chr5	1.11E+08	1.11E+08	+	0.049092
Chfr	MmuINT0035916	chr5	1.11E+08	1.11E+08	+	0.05849
Chfr	MmuINT0035917	chr5	1.11E+08	1.11E+08	+	0.043756
Chfr	MmuINT0035918	chr5	1.11E+08	1.11E+08	+	0.122384
Chfr	MmuINT0035919	chr5	1.11E+08	1.11E+08	+	0.147955
Chic2	MmuINT0035974	chr5	75423441	75440204	-	0.015842
Chic2	MmuINT0035975	chr5	75423249	75423385	-	0.018334
Chic2	MmuINT0035976	chr5	75407535	75423092	-	0.011868
Chic2	MmuINT0035977	chr5	75407316	75407477	-	0.018046
Chic2	MmuINT0035978	chr5	75402789	75407255	-	0.032399
Chid1	MmuINT0035979	chr7	1.49E+08	1.49E+08	-	0.022599
Chid1	MmuINT0035980	chr7	1.49E+08	1.49E+08	-	0.007973
Chid1	MmuINT0035981	chr7	1.49E+08	1.49E+08	-	0.009414
Chid1	MmuINT0035982	chr7	1.49E+08	1.49E+08	-	0.007999
Chid1	MmuINT0035983	chr7	1.49E+08	1.49E+08	-	0.004232
Chid1	MmuINT0035984	chr7	1.49E+08	1.49E+08	-	0.006241
Chid1	MmuINT0035985	chr7	1.49E+08	1.49E+08	-	0.012002
Chid1	MmuINT0035986	chr7	1.49E+08	1.49E+08	-	0.012001
Chid1	MmuINT0035987	chr7	1.49E+08	1.49E+08	-	0.019545
Chid1	MmuINT0035988	chr7	1.49E+08	1.49E+08	-	0.044096
Chid1	MmuINT0035989	chr7	1.49E+08	1.49E+08	-	0.009886
Chid1	MmuINT0035990	chr7	1.49E+08	1.49E+08	-	0.006103
Chka	MmuINT0036003	chr19	3852414	3864647	+	0.041971
Chka	MmuINT0036004	chr19	3892792	3893347	+	0.025906
Chka	MmuINT0036005	chr19	3884586	3885859	+	0.026774
Chka	MmuINT0036006	chr19	3885994	3886361	+	0.031176
Chka	MmuINT0036007	chr19	3886467	3887388	+	0.03217
Chka	MmuINT0036008	chr19	3887448	3889022	+	0.049715
Chka	MmuINT0036009	chr19	3889111	3889879	+	0.046273
Chka	MmuINT0036010	chr19	3889989	3892106	+	0.061672
Chka	MmuINT0036011	chr19	3892214	3892709	+	0.02871
Chm	MmuINT0036040	chrX	1.1E+08	1.1E+08	-	0.032263
Chm	MmuINT0036041	chrX	1.1E+08	1.1E+08	-	0.027887
Chm	MmuINT0036043	chrX	1.1E+08	1.1E+08	-	0.021122
Chm	MmuINT0036044	chrX	1.1E+08	1.1E+08	-	0.03575
Chm	MmuINT0036045	chrX	1.1E+08	1.1E+08	-	0.040566
Chm	MmuINT0036046	chrX	1.1E+08	1.1E+08	-	0.024667
Chm	MmuINT0036047	chrX	1.1E+08	1.1E+08	-	0.032784
Chm	MmuINT0036048	chrX	1.1E+08	1.1E+08	-	0.022386
Chm	MmuINT0036049	chrX	1.1E+08	1.1E+08	-	0.069242
Chm	MmuINT0036050	chrX	1.1E+08	1.1E+08	-	0.021577
Chmp1a	MmuINT0036053	chr8	1.26E+08	1.26E+08	-	0.004036
Chmp1a	MmuINT0036055	chr8	1.26E+08	1.26E+08	-	0.003598
Chmp1a	MmuINT0036057	chr8	1.26E+08	1.26E+08	-	0.010803
Chmp1a	MmuINT0036058	chr8	1.26E+08	1.26E+08	-	0.002763
Chmp2a	MmuINT0036059	chr7	13619392	13619983	-	0.016778
Chmp2a	MmuINT0036060	chr7	13618171	13619177	-	0.001924
Chmp2a	MmuINT0036062	chr7	13617700	13617783	-	0.005665

Chmp2a	MmuINT0036063	chr7	13617552	13617637	-	0.000719
Chmp2b	MmuINT0036064	chr16	65551300	65562719	-	0.00448
Chmp2b	MmuINT0036065	chr16	65547289	65551207	-	0.004277
Chmp2b	MmuINT0036066	chr16	65545625	65547093	-	0.002689
Chmp2b	MmuINT0036067	chr16	65540772	65545521	-	0.007345
Chmp2b	MmuINT0036068	chr16	65540496	65540664	-	0.003637
Chmp4b	MmuINT0036069	chr2	1.54E+08	1.55E+08	+	0.00139
Chmp4b	MmuINT0036070	chr2	1.55E+08	1.55E+08	+	0.004782
Chmp4b	MmuINT0036071	chr2	1.55E+08	1.55E+08	+	0.005677
Chmp4b	MmuINT0036072	chr2	1.55E+08	1.55E+08	+	0.002088
Chmp4c	MmuINT0036073	chr3	10367222	10385551	+	0.022639
Chmp4c	MmuINT0036074	chr3	10385730	10387036	+	0.008999
Chmp4c	MmuINT0036075	chr3	10387152	10389548	+	0.012344
Chmp4c	MmuINT0036076	chr3	10389703	10389911	+	0.009693
Chmp5	MmuINT0036077	chr4	40895710	40896486	+	0.019864
Chmp5	MmuINT0036078	chr4	40896592	40897546	+	0.024919
Chmp5	MmuINT0036079	chr4	40897594	40899400	+	0.009139
Chmp5	MmuINT0036080	chr4	40899495	40900014	+	0.00307
Chmp5	MmuINT0036081	chr4	40900087	40905922	+	0.004788
Chmp5	MmuINT0036082	chr4	40906032	40907891	+	0.004233
Chmp5	MmuINT0036083	chr4	40908005	40911627	+	0.012829
Chmp6	MmuINT0036084	chr11	1.2E+08	1.2E+08	+	0.010102
Chmp6	MmuINT0036085	chr11	1.2E+08	1.2E+08	+	0.010637
Chmp6	MmuINT0036087	chr11	1.2E+08	1.2E+08	+	0.005995
Chmp6	MmuINT0036088	chr11	1.2E+08	1.2E+08	+	0.009065
Chmp6	MmuINT0036089	chr11	1.2E+08	1.2E+08	+	0.01818
Chmp6	MmuINT0036090	chr11	1.2E+08	1.2E+08	+	0.015502
Chmp7	MmuINT0036091	chr14	70130102	70131997	-	0.004693
Chmp7	MmuINT0036092	chr14	70121200	70129929	-	0.004305
Chmp7	MmuINT0036093	chr14	70120869	70121013	-	0.008715
Chmp7	MmuINT0036094	chr14	70119968	70120734	-	0.019439
Chmp7	MmuINT0036095	chr14	70119675	70119918	-	0.010891
Chmp7	MmuINT0036096	chr14	70119305	70119554	-	0.071848
Chmp7	MmuINT0036097	chr14	70118997	70119205	-	0.028287
Chmp7	MmuINT0036098	chr14	70118505	70118935	-	0.00952
Chmp7	MmuINT0036099	chr14	70118108	70118321	-	0.002445
Chn1	MmuINT0036100	chr2	73559499	73613079	-	0.064041
Chn1	MmuINT0036102	chr2	73548544	73554420	-	0.024479
Chn1	MmuINT0036103	chr2	73545090	73548511	-	0.016546
Chn1	MmuINT0036104	chr2	73517961	73544975	-	0.010016
Chn1	MmuINT0036107	chr2	73463108	73469802	-	0.007202
Chn1	MmuINT0036108	chr2	73462250	73462933	-	0.009512
Chn1	MmuINT0036109	chr2	73456116	73462171	-	0.017037
Chn1	MmuINT0036110	chr2	73452825	73455977	-	0.011488
Chn1	MmuINT0036111	chr2	73451254	73452718	-	0.011703
Chordc1	MmuINT0036128	chr9	18096905	18099743	+	0.011666
Chordc1	MmuINT0036129	chr9	18116937	18117221	+	0.006875
Chordc1	MmuINT0036130	chr9	18099794	18105449	+	0.008895
Chordc1	MmuINT0036131	chr9	18105507	18106469	+	0.010795
Chordc1	MmuINT0036132	chr9	18106628	18108726	+	0.067495

Chordc1	MmuINT0036133	chr9	18108831	18109736	+	0.061353
Chordc1	MmuINT0036134	chr9	18109796	18113193	+	0.032328
Chordc1	MmuINT0036135	chr9	18113265	18114276	+	0.041452
Chordc1	MmuINT0036136	chr9	18114383	18116355	+	0.008738
Chordc1	MmuINT0036137	chr9	18116476	18116873	+	0.005473
Chpf	MmuINT0036140	chr1	75473315	75473819	-	0.00797
Chpf	MmuINT0036141	chr1	75472802	75473134	-	0.011338
Chpf2	MmuINT0036143	chr5	24094119	24094914	+	0.09068
Chpf2	MmuINT0036144	chr5	24095480	24096126	+	0.540306
Chpf2	MmuINT0036145	chr5	24096310	24096886	+	0.066424
Chpt1	MmuINT0036146	chr10	87952474	87966329	-	0.000776
Chpt1	MmuINT0036147	chr10	87951269	87952325	-	0.000354
Chpt1	MmuINT0036148	chr10	87945061	87951126	-	0.001218
Chpt1	MmuINT0036149	chr10	87943692	87944975	-	0.002121
Chpt1	MmuINT0036150	chr10	87939914	87943559	-	0.002614
Chpt1	MmuINT0036151	chr10	87939219	87939754	-	0.000189
Chpt1	MmuINT0036152	chr10	87938282	87939092	-	0.000654
Chrac1	MmuINT0036153	chr15	72921014	72923262	+	0.004114
Chrac1	MmuINT0036154	chr15	72923390	72923953	+	0.019627
Chrna10	MmuINT0036214	chr7	1.09E+08	1.09E+08	-	0.953518
Chrn1	MmuINT0036254	chr11	69609237	69609323	-	0.218984
Chrn1	MmuINT0036255	chr11	69598264	69598551	-	0.082271
Chrn1	MmuINT0036256	chr11	69608516	69609096	-	0.582722
Chrn1	MmuINT0036257	chr11	69607762	69608470	-	0.866436
Chrn1	MmuINT0036258	chr11	69607495	69607651	-	0.501955
Chrn1	MmuINT0036259	chr11	69607115	69607385	-	0.229775
Chrn1	MmuINT0036260	chr11	69606411	69606966	-	0.063351
Chrn1	MmuINT0036261	chr11	69600607	69606200	-	0.162158
Chrn1	MmuINT0036262	chr11	69599382	69600382	-	0.199325
Chrn1	MmuINT0036263	chr11	69598700	69599208	-	0.220717
Chst1	MmuINT0036313	chr2	92440306	92451850	+	0.149081
Chst15	MmuINT0036327	chr7	1.39E+08	1.39E+08	-	0.048243
Chst15	MmuINT0036329	chr7	1.39E+08	1.39E+08	-	0.045106
Chst15	MmuINT0036331	chr7	1.39E+08	1.39E+08	-	0.03472
Chst15	MmuINT0036332	chr7	1.39E+08	1.39E+08	-	0.045968
Chst7	MmuINT0036339	chrX	19638335	19674090	+	0.055517
Chsy1	MmuINT0036347	chr7	73270624	73315717	+	0.024378
Chtf8	MmuINT0036372	chr8	1.09E+08	1.09E+08	-	0.034071
Chtf8	MmuINT0036373	chr8	1.09E+08	1.09E+08	-	0.062977
Chuk	MmuINT0036374	chr19	44178243	44181777	-	0.015167
Chuk	MmuINT0036375	chr19	44163268	44165422	-	0.012369
Chuk	MmuINT0036376	chr19	44162530	44163164	-	0.001743
Chuk	MmuINT0036377	chr19	44161550	44162405	-	0.000317
Chuk	MmuINT0036378	chr19	44158969	44161397	-	0.015727
Chuk	MmuINT0036379	chr19	44157186	44158906	-	0.017503
Chuk	MmuINT0036380	chr19	44156486	44157075	-	0.023337
Chuk	MmuINT0036381	chr19	44153476	44156435	-	0.419199
Chuk	MmuINT0036382	chr19	44152931	44153378	-	0.03246
Chuk	MmuINT0036383	chr19	44150021	44151735	-	0.192338
Chuk	MmuINT0036384	chr19	44176342	44178147	-	0.012268

Chuk	MmuINT0036385	chr19	44149031	44149920	-	0.012337
Chuk	MmuINT0036386	chr19	44174710	44176226	-	0.012734
Chuk	MmuINT0036387	chr19	44173164	44174639	-	0.01179
Chuk	MmuINT0036388	chr19	44172022	44173074	-	0.010718
Chuk	MmuINT0036389	chr19	44171818	44171931	-	0.005138
Chuk	MmuINT0036390	chr19	44171507	44171692	-	0.006258
Chuk	MmuINT0036391	chr19	44170850	44171398	-	0.008422
Chuk	MmuINT0036392	chr19	44165618	44170713	-	0.009724
Churc1	MmuINT0036393	chr12	77866626	77874244	+	0.003908
Churc1	MmuINT0036394	chr12	77874381	77876580	+	0.002229
Churc1	MmuINT0036395	chr12	77876652	77883799	+	0.006196
Ciao1	MmuINT0036396	chr2	1.27E+08	1.27E+08	-	0.005697
Ciao1	MmuINT0036397	chr2	1.27E+08	1.27E+08	-	0.004332
Ciao1	MmuINT0036398	chr2	1.27E+08	1.27E+08	-	0.01413
Ciao1	MmuINT0036399	chr2	1.27E+08	1.27E+08	-	0.01824
Ciao1	MmuINT0036400	chr2	1.27E+08	1.27E+08	-	0.01294
Ciao1	MmuINT0036401	chr2	1.27E+08	1.27E+08	-	0.010011
Ciapi1	MmuINT0036402	chr8	97356601	97362151	-	0.026304
Ciapi1	MmuINT0036403	chr8	97355826	97356414	-	0.005048
Ciapi1	MmuINT0036404	chr8	97353131	97355672	-	0.003168
Ciapi1	MmuINT0036405	chr8	97352340	97353053	-	0.007981
Ciapi1	MmuINT0036406	chr8	97350609	97352176	-	0.006972
Ciapi1	MmuINT0036407	chr8	97349232	97350534	-	0.021616
Ciapi1	MmuINT0036408	chr8	97347632	97349115	-	0.038215
Ciapi1	MmuINT0036409	chr8	97347108	97347552	-	0.018368
Cib1	MmuINT0036410	chr7	87377265	87377395	-	0.013008
Cib1	MmuINT0036411	chr7	87375311	87377229	-	0.057316
Cib1	MmuINT0036412	chr7	87373435	87375201	-	0.038423
Cib1	MmuINT0036413	chr7	87373167	87373283	-	0.015124
Cib1	MmuINT0036414	chr7	87372969	87373047	-	0.033584
Cib1	MmuINT0036415	chr7	87372273	87372879	-	0.065189
Cib2	MmuINT0036419	chr9	54393892	54396139	-	0.058912
Cic	MmuINT0036432	chr7	26067936	26069867	+	0.430645
Cic	MmuINT0036433	chr7	26074321	26074406	+	0.029663
Cic	MmuINT0036434	chr7	26074595	26075589	+	0.013946
Cic	MmuINT0036435	chr7	26075712	26075817	+	0.025961
Cic	MmuINT0036436	chr7	26076362	26076468	+	0.006936
Cic	MmuINT0036437	chr7	26076789	26077082	+	0.097725
Cic	MmuINT0036438	chr7	26077334	26077432	+	0.060758
Cic	MmuINT0036439	chr7	26077801	26077974	+	0.043401
Cic	MmuINT0036440	chr7	26078107	26078186	+	0.026528
Cic	MmuINT0036441	chr7	26070018	26070097	+	0.010486
Cic	MmuINT0036442	chr7	26070333	26070428	+	0.01187
Cic	MmuINT0036443	chr7	26070559	26070652	+	0.008666
Cic	MmuINT0036444	chr7	26070836	26070916	+	0.043327
Cic	MmuINT0036445	chr7	26071083	26071825	+	0.047682
Cic	MmuINT0036446	chr7	26072029	26072119	+	0.02902
Cic	MmuINT0036447	chr7	26072346	26072768	+	0.009101
Cic	MmuINT0036448	chr7	26072873	26073092	+	0.083526
Cidea	MmuINT0036449	chr18	67503495	67518363	+	0.006211

Cidea	MmuINT0036450	chr18	67518509	67519749	+	0.005059
Cidea	MmuINT0036451	chr18	67519897	67526028	+	0.002468
Cidea	MmuINT0036452	chr18	67526211	67527035	+	0.001887
Cideb	MmuINT0036454	chr14	56373739	56373961	-	0.100109
Cideb	MmuINT0036455	chr14	56373409	56373547	-	0.079676
Ciita	MmuINT0036473	chr16	10503822	10503959	+	0.967726
Cilp	MmuINT0036483	chr9	65118208	65120609	+	0.053083
Cilp	MmuINT0036487	chr9	65123809	65125617	+	0.045195
Cinp	MmuINT0036495	chr12	1.12E+08	1.12E+08	-	0.01029
Cinp	MmuINT0036496	chr12	1.12E+08	1.12E+08	-	0.013116
Cinp	MmuINT0036497	chr12	1.12E+08	1.12E+08	-	0.068835
Cinp	MmuINT0036498	chr12	1.12E+08	1.12E+08	-	0.033323
Cirbp	MmuINT0036508	chr10	79630662	79632552	+	0.007037
Cirbp	MmuINT0036509	chr10	79632662	79632760	+	0.00589
Cirbp	MmuINT0036510	chr10	79632868	79632946	+	0.008212
Cirbp	MmuINT0036511	chr10	79633086	79633169	+	0.013038
Cirbp	MmuINT0036512	chr10	79633252	79633438	+	0.013887
Cirbp	MmuINT0036513	chr10	79633510	79633726	+	0.138002
Cirh1a	MmuINT0036514	chr8	1.09E+08	1.09E+08	+	0.013593
Cirh1a	MmuINT0036515	chr8	1.09E+08	1.09E+08	+	0.014946
Cirh1a	MmuINT0036516	chr8	1.09E+08	1.09E+08	+	0.008884
Cirh1a	MmuINT0036517	chr8	1.09E+08	1.09E+08	+	0.010131
Cirh1a	MmuINT0036518	chr8	1.09E+08	1.09E+08	+	0.012258
Cirh1a	MmuINT0036519	chr8	1.09E+08	1.09E+08	+	0.025598
Cirh1a	MmuINT0036520	chr8	1.09E+08	1.09E+08	+	0.009381
Cirh1a	MmuINT0036521	chr8	1.09E+08	1.09E+08	+	0.015597
Cirh1a	MmuINT0036522	chr8	1.09E+08	1.09E+08	+	0.011524
Cirh1a	MmuINT0036523	chr8	1.09E+08	1.09E+08	+	0.011419
Cirh1a	MmuINT0036524	chr8	1.09E+08	1.09E+08	+	0.032278
Cirh1a	MmuINT0036525	chr8	1.09E+08	1.09E+08	+	0.053786
Cirh1a	MmuINT0036526	chr8	1.09E+08	1.09E+08	+	0.010224
Cirh1a	MmuINT0036527	chr8	1.09E+08	1.09E+08	+	0.012399
Cirh1a	MmuINT0036528	chr8	1.09E+08	1.09E+08	+	0.018205
Cirh1a	MmuINT0036529	chr8	1.09E+08	1.09E+08	+	0.022266
Cisd1	MmuINT0036530	chr10	70799168	70807471	-	0.000418
Cisd1	MmuINT0036531	chr10	70793875	70798961	-	0.000247
Cisd2	MmuINT0036532	chr3	1.35E+08	1.35E+08	-	0.00722
Cisd2	MmuINT0036533	chr3	1.35E+08	1.35E+08	-	0.081542
Cish	MmuINT0036536	chr9	1.07E+08	1.07E+08	+	0.116958
Cish	MmuINT0036537	chr9	1.07E+08	1.07E+08	+	0.052395
Cited2	MmuINT0036586	chr10	17443266	17443743	+	0.015146
Ciz1	MmuINT0036588	chr2	32228016	32229861	+	0.022436
Ciz1	MmuINT0036589	chr2	32229987	32231004	+	0.235068
Ciz1	MmuINT0036590	chr2	32231093	32231528	+	0.04436
Ciz1	MmuINT0036591	chr2	32231643	32231785	+	0.007481
Ciz1	MmuINT0036592	chr2	32231948	32232812	+	0.062135
Ciz1	MmuINT0036593	chr2	32232883	32233028	+	0.035451
Ciz1	MmuINT0036594	chr2	32233151	32233483	+	0.024819
Ciz1	MmuINT0036595	chr2	32219500	32219738	+	0.038419
Ciz1	MmuINT0036596	chr2	32219855	32221322	+	0.052296

Ciz1	MmuINT0036597	chr2	32221395	32222822	+	0.014283
Ciz1	MmuINT0036598	chr2	32223053	32225551	+	0.060934
Ciz1	MmuINT0036599	chr2	32225646	32225761	+	0.015672
Ciz1	MmuINT0036600	chr2	32225865	32226383	+	0.031957
Ciz1	MmuINT0036601	chr2	32226929	32227155	+	0.092066
Ciz1	MmuINT0036602	chr2	32227278	32227817	+	0.036001
Ckap4	MmuINT0036619	chr10	83991523	83996191	-	0.02401
Ckap5	MmuINT0036621	chr2	91403271	91404476	+	0.017445
Ckap5	MmuINT0036622	chr2	91404606	91405777	+	0.009383
Ckap5	MmuINT0036623	chr2	91405961	91408293	+	0.011773
Ckap5	MmuINT0036624	chr2	91408408	91408793	+	0.012862
Ckap5	MmuINT0036625	chr2	91408905	91410336	+	0.013087
Ckap5	MmuINT0036626	chr2	91410430	91412504	+	0.011169
Ckap5	MmuINT0036627	chr2	91412691	91413129	+	0.019417
Ckap5	MmuINT0036628	chr2	91413225	91416172	+	0.023606
Ckap5	MmuINT0036629	chr2	91416231	91416319	+	0.019988
Ckap5	MmuINT0036630	chr2	91416446	91417720	+	0.011357
Ckap5	MmuINT0036631	chr2	91389125	91390708	+	0.009508
Ckap5	MmuINT0036632	chr2	91417861	91418191	+	0.010649
Ckap5	MmuINT0036633	chr2	91418367	91419579	+	0.009612
Ckap5	MmuINT0036634	chr2	91419694	91421266	+	0.01071
Ckap5	MmuINT0036635	chr2	91421396	91425878	+	0.009991
Ckap5	MmuINT0036636	chr2	91426074	91426394	+	0.011393
Ckap5	MmuINT0036637	chr2	91426531	91428825	+	0.011667
Ckap5	MmuINT0036638	chr2	91428915	91431822	+	0.012331
Ckap5	MmuINT0036639	chr2	91431949	91434839	+	0.00873
Ckap5	MmuINT0036640	chr2	91434990	91435467	+	0.010625
Ckap5	MmuINT0036641	chr2	91435672	91435844	+	0.010347
Ckap5	MmuINT0036642	chr2	91390916	91395423	+	0.012601
Ckap5	MmuINT0036643	chr2	91435981	91436518	+	0.006463
Ckap5	MmuINT0036644	chr2	91436713	91439362	+	0.009094
Ckap5	MmuINT0036645	chr2	91439536	91440797	+	0.006885
Ckap5	MmuINT0036646	chr2	91440972	91441162	+	0.006688
Ckap5	MmuINT0036647	chr2	91441284	91446402	+	0.007574
Ckap5	MmuINT0036648	chr2	91446583	91447601	+	0.010778
Ckap5	MmuINT0036649	chr2	91447790	91452896	+	0.008801
Ckap5	MmuINT0036650	chr2	91452973	91455129	+	0.007327
Ckap5	MmuINT0036651	chr2	91455319	91455398	+	0.005752
Ckap5	MmuINT0036652	chr2	91455537	91455950	+	0.007933
Ckap5	MmuINT0036654	chr2	91456035	91456457	+	0.009836
Ckap5	MmuINT0036655	chr2	91456618	91459844	+	0.029606
Ckap5	MmuINT0036656	chr2	91396790	91397731	+	0.015917
Ckap5	MmuINT0036657	chr2	91397833	91399205	+	0.011945
Ckb	MmuINT0036662	chr12	1.13E+08	1.13E+08	-	0.00019
Ckm	MmuINT0036671	chr7	19996496	19999467	+	0.000873
Ckm	MmuINT0036672	chr7	19999680	20000245	+	0.000098
Ckm	MmuINT0036673	chr7	20000401	20000749	+	0.000397
Ckm	MmuINT0036674	chr7	20000883	20002067	+	0.001754
Ckm	MmuINT0036675	chr7	20002240	20004787	+	0.00087
Ckm	MmuINT0036676	chr7	20004912	20005455	+	0.001095



Ckm	MmuINT0036677	chr7	20005646	20006556	+	0.000691
Ckmt2	MmuINT0036686	chr13	92004959	92016426	-	0.0005
Ckmt2	MmuINT0036687	chr13	92002943	92004786	-	0.000477
Ckmt2	MmuINT0036688	chr13	92001454	92002743	-	0.006134
Ckmt2	MmuINT0036689	chr13	92000965	92001357	-	0.001152
Ckmt2	MmuINT0036690	chr13	91999550	92000742	-	0.001687
Ckmt2	MmuINT0036691	chr13	91998924	91999463	-	0.001485
Ckmt2	MmuINT0036692	chr13	91997951	91998799	-	0.003714
Ckmt2	MmuINT0036693	chr13	91995469	91997815	-	0.003421
Ckmt2	MmuINT0036694	chr13	91993254	91995342	-	0.001217
Cks1b	MmuINT0036696	chr3	89219886	89220195	-	0.00639
Clasp1	MmuINT0036699	chr1	1.2E+08	1.2E+08	+	0.02132
Clasp1	MmuINT0036700	chr1	1.2E+08	1.2E+08	+	0.001778
Clasp1	MmuINT0036701	chr1	1.2E+08	1.2E+08	+	0.001551
Clasp1	MmuINT0036702	chr1	1.2E+08	1.2E+08	+	0.002121
Clasp1	MmuINT0036703	chr1	1.2E+08	1.2E+08	+	0.001857
Clasp1	MmuINT0036704	chr1	1.2E+08	1.2E+08	+	0.002502
Clasp1	MmuINT0036705	chr1	1.2E+08	1.2E+08	+	0.002427
Clasp1	MmuINT0036706	chr1	1.2E+08	1.2E+08	+	0.002212
Clasp1	MmuINT0036707	chr1	1.2E+08	1.2E+08	+	0.001349
Clasp1	MmuINT0036708	chr1	1.2E+08	1.2E+08	+	0.00122
Clasp1	MmuINT0036709	chr1	1.2E+08	1.2E+08	+	0.001445
Clasp1	MmuINT0036710	chr1	1.2E+08	1.2E+08	+	0.01465
Clasp1	MmuINT0036712	chr1	1.2E+08	1.2E+08	+	0.062863
Clasp1	MmuINT0036715	chr1	1.2E+08	1.2E+08	+	0.029964
Clasp1	MmuINT0036716	chr1	1.2E+08	1.2E+08	+	0.001052
Clasp1	MmuINT0036717	chr1	1.2E+08	1.2E+08	+	0.030269
Clasp1	MmuINT0036718	chr1	1.2E+08	1.2E+08	+	0.001531
Clasp1	MmuINT0036719	chr1	1.2E+08	1.2E+08	+	0.00095
Clasp1	MmuINT0036720	chr1	1.2E+08	1.2E+08	+	0.003297
Clasp1	MmuINT0036721	chr1	1.2E+08	1.2E+08	+	0.022999
Clasp1	MmuINT0036722	chr1	1.2E+08	1.2E+08	+	0.000861
Clasp1	MmuINT0036725	chr1	1.2E+08	1.2E+08	+	0.002349
Clasp1	MmuINT0036726	chr1	1.2E+08	1.2E+08	+	0.010341
Clasp1	MmuINT0036727	chr1	1.2E+08	1.2E+08	+	0.002891
Clasp1	MmuINT0036728	chr1	1.2E+08	1.2E+08	+	0.00113
Clasp1	MmuINT0036729	chr1	1.2E+08	1.2E+08	+	0.002418
Clasp1	MmuINT0036730	chr1	1.2E+08	1.21E+08	+	0.004979
Clasp1	MmuINT0036731	chr1	1.2E+08	1.2E+08	+	0.022041
Clasp1	MmuINT0036732	chr1	1.2E+08	1.2E+08	+	0.016687
Clasp1	MmuINT0036733	chr1	1.2E+08	1.2E+08	+	0.018151
Clasp1	MmuINT0036734	chr1	1.2E+08	1.2E+08	+	0.027258
Clasp1	MmuINT0036735	chr1	1.2E+08	1.2E+08	+	0.016697
Clasp1	MmuINT0036736	chr1	1.2E+08	1.2E+08	+	0.001194
Clasp2	MmuINT0036746	chr9	1.14E+08	1.14E+08	+	0.011626
Clasp2	MmuINT0036747	chr9	1.14E+08	1.14E+08	+	0.010633
Clasp2	MmuINT0036748	chr9	1.14E+08	1.14E+08	+	0.01202
Clasp2	MmuINT0036750	chr9	1.14E+08	1.14E+08	+	0.011865
Clasp2	MmuINT0036751	chr9	1.14E+08	1.14E+08	+	0.009957
Clasp2	MmuINT0036752	chr9	1.14E+08	1.14E+08	+	0.020762

Clasp2	MmuINT0036753	chr9	1.14E+08	1.14E+08	+	0.026706
Clasp2	MmuINT0036758	chr9	1.14E+08	1.14E+08	+	0.007116
Clasp2	MmuINT0036759	chr9	1.14E+08	1.14E+08	+	0.01196
Clasp2	MmuINT0036760	chr9	1.14E+08	1.14E+08	+	0.015936
Clasp2	MmuINT0036763	chr9	1.14E+08	1.14E+08	+	0.010013
Clasp2	MmuINT0036765	chr9	1.14E+08	1.14E+08	+	0.009498
Clasp2	MmuINT0036766	chr9	1.14E+08	1.14E+08	+	0.054316
Clasp2	MmuINT0036767	chr9	1.14E+08	1.14E+08	+	0.009326
Clasp2	MmuINT0036768	chr9	1.14E+08	1.14E+08	+	0.008969
Clasp2	MmuINT0036769	chr9	1.14E+08	1.14E+08	+	0.005503
Clasp2	MmuINT0036770	chr9	1.14E+08	1.14E+08	+	0.00801
Clasp2	MmuINT0036771	chr9	1.14E+08	1.14E+08	+	0.005716
Clasp2	MmuINT0036772	chr9	1.14E+08	1.14E+08	+	0.006263
Clasp2	MmuINT0036773	chr9	1.14E+08	1.14E+08	+	0.00735
Clasp2	MmuINT0036774	chr9	1.14E+08	1.14E+08	+	0.004817
Clasp2	MmuINT0036775	chr9	1.14E+08	1.14E+08	+	0.005221
Clasp2	MmuINT0036779	chr9	1.14E+08	1.14E+08	+	0.051861
Clasp2	MmuINT0036780	chr9	1.14E+08	1.14E+08	+	0.012663
Clasp2	MmuINT0036781	chr9	1.14E+08	1.14E+08	+	0.014304
Clasrp	MmuINT0036782	chr7	20188655	20189760	-	0.052446
Clasrp	MmuINT0036783	chr7	20173216	20173939	-	0.022146
Clasrp	MmuINT0036784	chr7	20172277	20173173	-	0.063071
Clasrp	MmuINT0036785	chr7	20171960	20172060	-	0.089617
Clasrp	MmuINT0036786	chr7	20170697	20171689	-	0.05612
Clasrp	MmuINT0036787	chr7	20170173	20170438	-	0.0114
Clasrp	MmuINT0036788	chr7	20169880	20170132	-	0.769304
Clasrp	MmuINT0036789	chr7	20169692	20169818	-	0.015972
Clasrp	MmuINT0036790	chr7	20169551	20169632	-	0.022558
Clasrp	MmuINT0036791	chr7	20167664	20169503	-	0.26625
Clasrp	MmuINT0036792	chr7	20166755	20167580	-	0.029009
Clasrp	MmuINT0036793	chr7	20180906	20188538	-	0.026579
Clasrp	MmuINT0036794	chr7	20166508	20166729	-	0.064287
Clasrp	MmuINT0036795	chr7	20180358	20180807	-	0.017701
Clasrp	MmuINT0036796	chr7	20179902	20180255	-	0.019715
Clasrp	MmuINT0036797	chr7	20177427	20179821	-	0.1715
Clasrp	MmuINT0036798	chr7	20176588	20177341	-	0.026164
Clasrp	MmuINT0036799	chr7	20175685	20176438	-	0.33517
Clasrp	MmuINT0036800	chr7	20174174	20175587	-	0.013322
Clasrp	MmuINT0036801	chr7	20174014	20174094	-	0.020517
Clcc1	MmuINT0036881	chr3	1.08E+08	1.08E+08	+	0.007458
Clcc1	MmuINT0036882	chr3	1.08E+08	1.08E+08	+	0.004985
Clcc1	MmuINT0036883	chr3	1.08E+08	1.08E+08	+	0.017987
Clcc1	MmuINT0036884	chr3	1.08E+08	1.08E+08	+	0.009209
Clcc1	MmuINT0036885	chr3	1.08E+08	1.08E+08	+	0.005451
Clcc1	MmuINT0036886	chr3	1.08E+08	1.08E+08	+	0.009402
Clcc1	MmuINT0036887	chr3	1.08E+08	1.08E+08	+	0.012299
Clcc1	MmuINT0036888	chr3	1.08E+08	1.08E+08	+	0.005277
Clcc1	MmuINT0036889	chr3	1.08E+08	1.08E+08	+	0.006473
Clcf1	MmuINT0036891	chr19	4220345	4222073	+	0.740625
Clcn2	MmuINT0036917	chr16	20710023	20710344	-	0.111139

Clcn2	MmuINT0036919	chr16	20709389	20709642	-	0.3432
Clcn2	MmuINT0036920	chr16	20708841	20709174	-	0.610587
Clcn2	MmuINT0036921	chr16	20708540	20708706	-	0.047063
Clcn2	MmuINT0036922	chr16	20708265	20708366	-	0.044601
Clcn2	MmuINT0036923	chr16	20707990	20708149	-	0.217087
Clcn2	MmuINT0036924	chr16	20707706	20707915	-	0.526451
Clcn2	MmuINT0036926	chr16	20707531	20707645	-	0.400149
Clcn2	MmuINT0036927	chr16	20707352	20707491	-	0.050454
Clcn2	MmuINT0036928	chr16	20703715	20707246	-	0.088928
Clcn2	MmuINT0036929	chr16	20703511	20703627	-	0.10525
Clcn2	MmuINT0036933	chr16	20712464	20712544	-	0.049836
Clcn3	MmuINT0036939	chr8	63454705	63461572	-	0.047111
Clcn3	MmuINT0036940	chr8	63401986	63406028	-	0.041009
Clcn3	MmuINT0036941	chr8	63398354	63401586	-	0.010493
Clcn3	MmuINT0036942	chr8	63393626	63398136	-	0.113418
Clcn3	MmuINT0036943	chr8	63391973	63393549	-	0.249253
Clcn3	MmuINT0036945	chr8	63417445	63420053	-	0.00919
Clcn3	MmuINT0036946	chr8	63416285	63417344	-	0.008243
Clcn3	MmuINT0036947	chr8	63413405	63416096	-	0.015253
Clcn3	MmuINT0036948	chr8	63412085	63413281	-	0.007974
Clcn3	MmuINT0036949	chr8	63409559	63411877	-	0.011758
Clcn3	MmuINT0036950	chr8	63408414	63409477	-	0.017339
Clcn3	MmuINT0036951	chr8	63406216	63407867	-	0.009485
Clcn4-2	MmuINT0036953	chr7	7251548	7251951	-	0.57584
Clcn4-2	MmuINT0036954	chr7	7241985	7243109	-	0.009113
Clcn4-2	MmuINT0036955	chr7	7240574	7241585	-	0.002986
Clcn4-2	MmuINT0036956	chr7	7236986	7240356	-	0.00437
Clcn4-2	MmuINT0036957	chr7	7249590	7251402	-	0.03149
Clcn4-2	MmuINT0036958	chr7	7248781	7249434	-	0.03053
Clcn4-2	MmuINT0036959	chr7	7247895	7248680	-	0.009297
Clcn4-2	MmuINT0036960	chr7	7247567	7247706	-	0.011883
Clcn4-2	MmuINT0036961	chr7	7246833	7247443	-	0.004501
Clcn4-2	MmuINT0036962	chr7	7245830	7246625	-	0.005828
Clcn4-2	MmuINT0036963	chr7	7244668	7245748	-	0.062074
Clcn4-2	MmuINT0036964	chr7	7243297	7244121	-	0.104403
Clcn6	MmuINT0036976	chr4	1.47E+08	1.47E+08	-	0.091776
Clcn6	MmuINT0036977	chr4	1.47E+08	1.47E+08	-	0.060893
Clcn6	MmuINT0036978	chr4	1.47E+08	1.47E+08	-	0.123938
Clcn6	MmuINT0036979	chr4	1.47E+08	1.47E+08	-	0.098554
Clcn6	MmuINT0036980	chr4	1.47E+08	1.47E+08	-	0.136934
Clcn6	MmuINT0036981	chr4	1.47E+08	1.47E+08	-	0.252016
Clcn6	MmuINT0036982	chr4	1.47E+08	1.47E+08	-	0.17222
Clcn6	MmuINT0036983	chr4	1.47E+08	1.47E+08	-	0.072621
Clcn6	MmuINT0036984	chr4	1.47E+08	1.47E+08	-	0.129482
Clcn6	MmuINT0036985	chr4	1.47E+08	1.47E+08	-	0.111111
Clcn6	MmuINT0036986	chr4	1.47E+08	1.47E+08	-	0.102939
Clcn6	MmuINT0036987	chr4	1.47E+08	1.47E+08	-	0.056109
Clcn6	MmuINT0036988	chr4	1.47E+08	1.47E+08	-	0.09263
Clcn6	MmuINT0036989	chr4	1.47E+08	1.47E+08	-	0.095341
Clcn6	MmuINT0036990	chr4	1.47E+08	1.47E+08	-	0.103421

Clcn6	MmuINT0036991	chr4	1.47E+08	1.47E+08	-	0.062694
Clcn6	MmuINT0036993	chr4	1.47E+08	1.47E+08	-	0.085878
Clcn6	MmuINT0036994	chr4	1.47E+08	1.47E+08	-	0.031758
Clcn6	MmuINT0036995	chr4	1.47E+08	1.47E+08	-	0.132623
Clcn6	MmuINT0036996	chr4	1.47E+08	1.47E+08	-	0.123674
Clcn6	MmuINT0036997	chr4	1.47E+08	1.47E+08	-	0.075098
Clcn7	MmuINT0036998	chr17	25270560	25281374	+	0.017816
Clcn7	MmuINT0036999	chr17	25287226	25287486	+	0.022173
Clcn7	MmuINT0037000	chr17	25287552	25288060	+	0.017987
Clcn7	MmuINT0037001	chr17	25288178	25288648	+	0.058466
Clcn7	MmuINT0037002	chr17	25288704	25289292	+	0.111667
Clcn7	MmuINT0037003	chr17	25289354	25289960	+	0.043707
Clcn7	MmuINT0037004	chr17	25290100	25290676	+	0.050882
Clcn7	MmuINT0037005	chr17	25290771	25292312	+	0.036081
Clcn7	MmuINT0037006	chr17	25292483	25293745	+	0.050852
Clcn7	MmuINT0037007	chr17	25293798	25294084	+	0.056671
Clcn7	MmuINT0037008	chr17	25294213	25294433	+	0.034183
Clcn7	MmuINT0037009	chr17	25281444	25282513	+	0.019545
Clcn7	MmuINT0037010	chr17	25294520	25294816	+	0.022937
Clcn7	MmuINT0037011	chr17	25294947	25296412	+	0.046951
Clcn7	MmuINT0037012	chr17	25296473	25296554	+	0.017434
Clcn7	MmuINT0037013	chr17	25296732	25297074	+	0.012426
Clcn7	MmuINT0037014	chr17	25297156	25297389	+	0.011356
Clcn7	MmuINT0037015	chr17	25282586	25282712	+	0.011525
Clcn7	MmuINT0037016	chr17	25282779	25283261	+	0.015625
Clcn7	MmuINT0037017	chr17	25283395	25283714	+	0.02281
Clcn7	MmuINT0037018	chr17	25283825	25284654	+	0.084088
Clcn7	MmuINT0037019	chr17	25284736	25285983	+	0.040226
Clcn7	MmuINT0037020	chr17	25286047	25286155	+	0.0263
Clcn7	MmuINT0037021	chr17	25286240	25287131	+	0.033664
Clcnkb	MmuINT0037042	chr4	1.41E+08	1.41E+08	-	0.130973
Clcnkb	MmuINT0037043	chr4	1.41E+08	1.41E+08	-	0.091611
Clcnkb	MmuINT0037051	chr4	1.41E+08	1.41E+08	-	0.056512
Clcnkb	MmuINT0037052	chr4	1.41E+08	1.41E+08	-	0.434865
Clcnkb	MmuINT0037056	chr4	1.41E+08	1.41E+08	-	0.286927
Clcnkb	MmuINT0037057	chr4	1.41E+08	1.41E+08	-	0.101221
Cldn12	MmuINT0037072	chr5	5508455	5511070	-	0.133051
Cldn15	MmuINT0037078	chr5	1.37E+08	1.37E+08	+	0.332559
Cldnd1	MmuINT0037096	chr16	58728198	58729550	+	0.018283
Cldnd1	MmuINT0037097	chr16	58729861	58731414	+	0.010227
Cldnd1	MmuINT0037098	chr16	58731526	58732693	+	0.024148
Cldnd1	MmuINT0037099	chr16	58732832	58732951	+	0.010283
Clec10a	MmuINT0037106	chr11	69982199	69982630	+	0.215753
Clec10a	MmuINT0037111	chr11	69983580	69983661	+	0.019202
Clec12a	MmuINT0037118	chr6	1.29E+08	1.29E+08	+	0.059285
Clec12a	MmuINT0037119	chr6	1.29E+08	1.29E+08	+	0.074232
Clec12a	MmuINT0037120	chr6	1.29E+08	1.29E+08	+	0.080238
Clec12b	MmuINT0037125	chr6	1.29E+08	1.29E+08	-	0.043475
Clec16a	MmuINT0037126	chr16	10545736	10560113	+	0.012069
Clec16a	MmuINT0037127	chr16	10596079	10611095	+	0.207243

Clec16a	MmuINT0037128	chr16	10611229	10614592	+	0.004759
Clec16a	MmuINT0037129	chr16	10614694	10627471	+	0.004702
Clec16a	MmuINT0037130	chr16	10627595	10630137	+	0.009409
Clec16a	MmuINT0037131	chr16	10630248	10630849	+	0.006291
Clec16a	MmuINT0037132	chr16	10630895	10635338	+	0.598748
Clec16a	MmuINT0037133	chr16	10635390	10638879	+	0.029892
Clec16a	MmuINT0037134	chr16	10639009	10644853	+	0.015542
Clec16a	MmuINT0037135	chr16	10644975	10688572	+	0.01881
Clec16a	MmuINT0037136	chr16	10688725	10691478	+	0.015003
Clec16a	MmuINT0037137	chr16	10560243	10563229	+	0.007437
Clec16a	MmuINT0037138	chr16	10691684	10694712	+	0.013334
Clec16a	MmuINT0037139	chr16	10694884	10731753	+	0.020842
Clec16a	MmuINT0037140	chr16	10731913	10741706	+	0.012524
Clec16a	MmuINT0037141	chr16	10563364	10568474	+	0.009638
Clec16a	MmuINT0037142	chr16	10568624	10571586	+	0.003722
Clec16a	MmuINT0037144	chr16	10573517	10576594	+	0.003878
Clec16a	MmuINT0037145	chr16	10576770	10577980	+	0.005092
Clec16a	MmuINT0037146	chr16	10578035	10581021	+	0.00471
Clec16a	MmuINT0037147	chr16	10581136	10595894	+	0.00288
Clec1a	MmuINT0037161	chr6	1.29E+08	1.29E+08	-	0.031836
Clec1a	MmuINT0037162	chr6	1.29E+08	1.29E+08	-	0.057917
Clec1a	MmuINT0037163	chr6	1.29E+08	1.29E+08	-	0.029613
Clec2d	MmuINT0037169	chr6	1.29E+08	1.29E+08	+	0.050412
Clec2d	MmuINT0037171	chr6	1.29E+08	1.29E+08	+	0.077721
Clec2d	MmuINT0037172	chr6	1.29E+08	1.29E+08	+	0.028758
Clec3b	MmuINT0037199	chr9	1.23E+08	1.23E+08	+	0.006336
Clec3b	MmuINT0037200	chr9	1.23E+08	1.23E+08	+	0.009819
Clec4a1	MmuINT0037201	chr6	1.23E+08	1.23E+08	+	0.035228
Clec4a1	MmuINT0037202	chr6	1.23E+08	1.23E+08	+	0.099822
Clec4a1	MmuINT0037203	chr6	1.23E+08	1.23E+08	+	0.080367
Clec4a1	MmuINT0037204	chr6	1.23E+08	1.23E+08	+	0.13656
Clec4a1	MmuINT0037205	chr6	1.23E+08	1.23E+08	+	0.06398
Clec4n	MmuINT0037258	chr6	1.23E+08	1.23E+08	+	0.061599
Clic1	MmuINT0037293	chr17	35187432	35189379	+	0.018582
Clic1	MmuINT0037294	chr17	35189490	35189725	+	0.006619
Clic1	MmuINT0037295	chr17	35189852	35189977	+	0.003026
Clic1	MmuINT0037296	chr17	35190085	35192171	+	0.007791
Clic1	MmuINT0037297	chr17	35192354	35195274	+	0.030504
Clic3	MmuINT0037300	chr2	25313495	25313634	+	0.953577
Clic3	MmuINT0037301	chr2	25313742	25313823	+	0.873872
Clic3	MmuINT0037302	chr2	25314000	25314084	+	0.891431
Clic4	MmuINT0037303	chr4	1.35E+08	1.35E+08	-	0.00477
Clic4	MmuINT0037304	chr4	1.35E+08	1.35E+08	-	0.000494
Clic4	MmuINT0037306	chr4	1.35E+08	1.35E+08	-	0.001325
Clic5	MmuINT0037308	chr17	44325911	44374081	+	0.003681
Clic5	MmuINT0037309	chr17	44374192	44378982	+	0.002067
Clic5	MmuINT0037310	chr17	44379109	44385668	+	0.003277
Clic5	MmuINT0037311	chr17	44385776	44407439	+	0.002208
Clic5	MmuINT0037312	chr17	44407622	44412162	+	0.002251
Clint1	MmuINT0037318	chr11	45665695	45697211	+	0.017869

Clint1	MmuINT0037319	chr11	45719970	45721395	+	0.24608
Clint1	MmuINT0037320	chr11	45721547	45722442	+	0.006962
Clint1	MmuINT0037321	chr11	45697317	45697833	+	0.007327
Clint1	MmuINT0037322	chr11	45697931	45699932	+	0.005206
Clint1	MmuINT0037323	chr11	45700042	45700887	+	0.003861
Clint1	MmuINT0037324	chr11	45701053	45704123	+	0.003247
Clint1	MmuINT0037325	chr11	45704302	45707372	+	0.003483
Clint1	MmuINT0037326	chr11	45707620	45708561	+	0.00408
Clint1	MmuINT0037327	chr11	45708632	45715712	+	0.007029
Clint1	MmuINT0037328	chr11	45715788	45719682	+	0.010692
Clip1	MmuINT0037329	chr5	1.24E+08	1.24E+08	-	0.016359
Clip1	MmuINT0037330	chr5	1.24E+08	1.24E+08	-	0.001841
Clip1	MmuINT0037331	chr5	1.24E+08	1.24E+08	-	0.002481
Clip1	MmuINT0037332	chr5	1.24E+08	1.24E+08	-	0.001766
Clip1	MmuINT0037333	chr5	1.24E+08	1.24E+08	-	0.001277
Clip1	MmuINT0037334	chr5	1.24E+08	1.24E+08	-	0.002431
Clip1	MmuINT0037335	chr5	1.24E+08	1.24E+08	-	0.00273
Clip1	MmuINT0037336	chr5	1.24E+08	1.24E+08	-	0.002123
Clip1	MmuINT0037337	chr5	1.24E+08	1.24E+08	-	0.001732
Clip1	MmuINT0037338	chr5	1.24E+08	1.24E+08	-	0.002838
Clip1	MmuINT0037339	chr5	1.24E+08	1.24E+08	-	0.008742
Clip1	MmuINT0037340	chr5	1.24E+08	1.24E+08	-	0.001357
Clip1	MmuINT0037341	chr5	1.24E+08	1.24E+08	-	0.00616
Clip1	MmuINT0037342	chr5	1.24E+08	1.24E+08	-	0.004551
Clip1	MmuINT0037343	chr5	1.24E+08	1.24E+08	-	0.085379
Clip1	MmuINT0037344	chr5	1.24E+08	1.24E+08	-	0.000854
Clip1	MmuINT0037345	chr5	1.24E+08	1.24E+08	-	0.002226
Clip1	MmuINT0037346	chr5	1.24E+08	1.24E+08	-	0.002533
Clip1	MmuINT0037347	chr5	1.24E+08	1.24E+08	-	0.002826
Clip1	MmuINT0037348	chr5	1.24E+08	1.24E+08	-	0.002303
Clip1	MmuINT0037349	chr5	1.24E+08	1.24E+08	-	0.003154
Clip1	MmuINT0037350	chr5	1.24E+08	1.24E+08	-	0.469932
Clip1	MmuINT0037351	chr5	1.24E+08	1.24E+08	-	0.003789
Clip2	MmuINT0037353	chr5	1.35E+08	1.35E+08	-	0.049628
Clip2	MmuINT0037354	chr5	1.35E+08	1.35E+08	-	0.049936
Clip2	MmuINT0037355	chr5	1.35E+08	1.35E+08	-	0.045097
Clip2	MmuINT0037356	chr5	1.35E+08	1.35E+08	-	0.046099
Clip2	MmuINT0037357	chr5	1.35E+08	1.35E+08	-	0.028757
Clip2	MmuINT0037359	chr5	1.35E+08	1.35E+08	-	0.055815
Clip2	MmuINT0037360	chr5	1.35E+08	1.35E+08	-	0.079574
Clip2	MmuINT0037361	chr5	1.35E+08	1.35E+08	-	0.033655
Clip2	MmuINT0037362	chr5	1.35E+08	1.35E+08	-	0.035108
Clip2	MmuINT0037363	chr5	1.35E+08	1.35E+08	-	0.032379
Clip2	MmuINT0037365	chr5	1.35E+08	1.35E+08	-	0.071924
Clip2	MmuINT0037366	chr5	1.35E+08	1.35E+08	-	0.114875
Clip3	MmuINT0037380	chr7	31087001	31087154	+	0.045212
Clip3	MmuINT0037381	chr7	31087284	31088388	+	0.096922
Clip4	MmuINT0037383	chr17	72177122	72177846	+	0.00104
Clip4	MmuINT0037384	chr17	72177991	72180544	+	0.010186
Clip4	MmuINT0037385	chr17	72180680	72183523	+	0.003213

Clip4	MmuINT0037386	chr17	72183648	72187033	+	0.003812
Clip4	MmuINT0037387	chr17	72187099	72199231	+	0.002693
Clip4	MmuINT0037388	chr17	72139356	72148296	+	0.001359
Clip4	MmuINT0037389	chr17	72148437	72150138	+	0.00101
Clip4	MmuINT0037390	chr17	72150233	72151114	+	0.001126
Clip4	MmuINT0037391	chr17	72151277	72152895	+	0.00101
Clip4	MmuINT0037392	chr17	72153015	72155844	+	0.001416
Clip4	MmuINT0037393	chr17	72156082	72160186	+	0.00094
Clip4	MmuINT0037394	chr17	72160323	72174029	+	0.001182
Clip4	MmuINT0037395	chr17	72174171	72177031	+	0.001272
Clk1	MmuINT0037398	chr1	58478779	58480763	-	0.002753
Clk1	MmuINT0037399	chr1	58469871	58470233	-	0.027135
Clk1	MmuINT0037400	chr1	58469582	58469790	-	0.023867
Clk1	MmuINT0037401	chr1	58469185	58469490	-	0.008731
Clk1	MmuINT0037402	chr1	58478153	58478617	-	0.007975
Clk1	MmuINT0037403	chr1	58477056	58477926	-	0.824822
Clk1	MmuINT0037404	chr1	58476578	58476964	-	0.810765
Clk1	MmuINT0037405	chr1	58474228	58476510	-	0.04719
Clk1	MmuINT0037406	chr1	58474024	58474110	-	0.054703
Clk1	MmuINT0037407	chr1	58471529	58473856	-	0.107632
Clk1	MmuINT0037408	chr1	58471346	58471433	-	0.008986
Clk1	MmuINT0037409	chr1	58470317	58471215	-	0.023039
Clk2	MmuINT0037411	chr3	88969029	88970956	+	0.150762
Clk2	MmuINT0037412	chr3	88979163	88979313	+	0.033032
Clk2	MmuINT0037413	chr3	88979394	88979566	+	0.051388
Clk2	MmuINT0037414	chr3	88979658	88980315	+	0.270886
Clk2	MmuINT0037415	chr3	88971127	88972616	+	0.011679
Clk2	MmuINT0037416	chr3	88973625	88973970	+	0.322736
Clk2	MmuINT0037417	chr3	88974038	88974214	+	0.017922
Clk2	MmuINT0037418	chr3	88974332	88977298	+	0.034837
Clk2	MmuINT0037419	chr3	88977466	88978118	+	0.03338
Clk2	MmuINT0037420	chr3	88978214	88978866	+	0.0132
Clk2	MmuINT0037421	chr3	88978997	88979079	+	0.019845
Clk3	MmuINT0037422	chr9	57609675	57612880	-	0.381546
Clk3	MmuINT0037423	chr9	57600002	57600451	-	0.049642
Clk3	MmuINT0037424	chr9	57599635	57599921	-	0.043642
Clk3	MmuINT0037425	chr9	57598929	57599543	-	0.160765
Clk3	MmuINT0037426	chr9	57608848	57609522	-	0.006972
Clk3	MmuINT0037427	chr9	57606531	57608630	-	0.276422
Clk3	MmuINT0037428	chr9	57606158	57606433	-	0.268029
Clk3	MmuINT0037429	chr9	57603176	57606090	-	0.02809
Clk3	MmuINT0037430	chr9	57602476	57603058	-	0.017601
Clk3	MmuINT0037431	chr9	57601403	57602308	-	0.021294
Clk3	MmuINT0037432	chr9	57601208	57601307	-	0.039949
Clk3	MmuINT0037433	chr9	57600535	57601077	-	0.027303
Clk4	MmuINT0037434	chr11	51076772	51080672	+	0.034365
Clk4	MmuINT0037435	chr11	51091438	51093859	+	0.033595
Clk4	MmuINT0037436	chr11	51093940	51094610	+	0.01954
Clk4	MmuINT0037437	chr11	51094702	51094778	+	0.041514
Clk4	MmuINT0037438	chr11	51080834	51085301	+	0.270286

Clk4	MmuINT0037439	chr11	51085525	51086579	+	0.663909
Clk4	MmuINT0037440	chr11	51086671	51087061	+	0.725334
Clk4	MmuINT0037441	chr11	51087129	51088712	+	0.028883
Clk4	MmuINT0037442	chr11	51088830	51088913	+	0.008285
Clk4	MmuINT0037443	chr11	51089081	51089271	+	0.059973
Clk4	MmuINT0037444	chr11	51089367	51089619	+	0.024491
Clk4	MmuINT0037445	chr11	51089750	51091354	+	0.062091
ClN3	MmuINT0037464	chr7	1.34E+08	1.34E+08	-	0.166547
ClN3	MmuINT0037465	chr7	1.34E+08	1.34E+08	-	0.135055
ClN3	MmuINT0037466	chr7	1.34E+08	1.34E+08	-	0.122839
ClN3	MmuINT0037467	chr7	1.34E+08	1.34E+08	-	0.122616
ClN3	MmuINT0037468	chr7	1.34E+08	1.34E+08	-	0.033244
ClN3	MmuINT0037469	chr7	1.34E+08	1.34E+08	-	0.050851
ClN3	MmuINT0037470	chr7	1.34E+08	1.34E+08	-	0.066428
ClN3	MmuINT0037471	chr7	1.34E+08	1.34E+08	-	0.04936
ClN3	MmuINT0037472	chr7	1.34E+08	1.34E+08	-	0.043783
ClN3	MmuINT0037473	chr7	1.34E+08	1.34E+08	-	0.086174
ClN3	MmuINT0037474	chr7	1.34E+08	1.34E+08	-	0.075837
ClN3	MmuINT0037475	chr7	1.34E+08	1.34E+08	-	0.045326
ClN3	MmuINT0037476	chr7	1.34E+08	1.34E+08	-	0.115933
ClN5	MmuINT0037477	chr14	1.03E+08	1.03E+08	+	0.007991
ClN5	MmuINT0037478	chr14	1.03E+08	1.03E+08	+	0.027626
ClN5	MmuINT0037479	chr14	1.03E+08	1.03E+08	+	0.059968
ClN6	MmuINT0037480	chr9	62686762	62692376	+	0.01993
ClN6	MmuINT0037481	chr9	62692492	62693760	+	0.011359
ClN6	MmuINT0037482	chr9	62693860	62694772	+	0.035307
ClN6	MmuINT0037483	chr9	62694962	62695391	+	0.011967
ClN6	MmuINT0037484	chr9	62695448	62696915	+	0.012529
ClN6	MmuINT0037485	chr9	62697039	62698423	+	0.007631
ClN8	MmuINT0037486	chr8	14889119	14894571	+	0.019685
ClN8	MmuINT0037487	chr8	14895231	14896530	+	0.016934
ClNs1a	MmuINT0037506	chr7	1.05E+08	1.05E+08	+	0.004194
ClNs1a	MmuINT0037507	chr7	1.05E+08	1.05E+08	+	0.000292
ClNs1a	MmuINT0037508	chr7	1.05E+08	1.05E+08	+	0.001979
ClNs1a	MmuINT0037509	chr7	1.05E+08	1.05E+08	+	0.005072
ClNs1a	MmuINT0037510	chr7	1.05E+08	1.05E+08	+	0.001192
ClNs1a	MmuINT0037511	chr7	1.05E+08	1.05E+08	+	0.01508
Clock	MmuINT0037513	chr5	76674340	76674446	-	0.043851
Clock	MmuINT0037514	chr5	76672187	76674220	-	0.023811
Clock	MmuINT0037515	chr5	76671914	76672103	-	0.024132
Clock	MmuINT0037516	chr5	76671043	76671806	-	0.013999
Clock	MmuINT0037517	chr5	76669972	76670894	-	0.014674
Clock	MmuINT0037518	chr5	76666188	76669895	-	0.025488
Clock	MmuINT0037519	chr5	76665408	76666045	-	0.013992
Clock	MmuINT0037520	chr5	76664881	76665306	-	0.028769
Clock	MmuINT0037521	chr5	76660574	76664790	-	0.020491
Clock	MmuINT0037522	chr5	76659385	76660420	-	0.028391
Clock	MmuINT0037523	chr5	76703069	76732448	-	0.033529
Clock	MmuINT0037524	chr5	76658589	76659189	-	0.016275
Clock	MmuINT0037525	chr5	76656253	76658382	-	0.02429



Clock	MmuINT0037526	chr5	76645904	76655957	-	0.012744
Clock	MmuINT0037527	chr5	76695915	76702983	-	0.050357
Clock	MmuINT0037528	chr5	76695442	76695824	-	0.024909
Clock	MmuINT0037529	chr5	76694965	76695381	-	0.019895
Clock	MmuINT0037530	chr5	76691792	76694815	-	0.022275
Clock	MmuINT0037531	chr5	76683489	76691699	-	0.039097
Clock	MmuINT0037532	chr5	76677488	76683398	-	0.049342
Clock	MmuINT0037533	chr5	76674561	76677366	-	0.025275
Clp1	MmuINT0037534	chr2	84566314	84567319	-	0.038849
Clp1	MmuINT0037535	chr2	84564375	84565685	-	0.104376
Clpb	MmuINT0037536	chr7	1.09E+08	1.09E+08	+	0.00815
Clpb	MmuINT0037537	chr7	1.09E+08	1.09E+08	+	0.003135
Clpb	MmuINT0037539	chr7	1.09E+08	1.09E+08	+	0.00605
Clpb	MmuINT0037540	chr7	1.09E+08	1.09E+08	+	0.001562
Clpb	MmuINT0037541	chr7	1.09E+08	1.09E+08	+	0.000155
Clpb	MmuINT0037542	chr7	1.09E+08	1.09E+08	+	0.001693
Clpb	MmuINT0037543	chr7	1.09E+08	1.09E+08	+	0.001519
Clpb	MmuINT0037544	chr7	1.09E+08	1.09E+08	+	0.00035
Clpb	MmuINT0037545	chr7	1.09E+08	1.09E+08	+	0.002365
Clpb	MmuINT0037546	chr7	1.09E+08	1.09E+08	+	0.003322
Clpb	MmuINT0037547	chr7	1.09E+08	1.09E+08	+	0.002211
Clpb	MmuINT0037548	chr7	1.09E+08	1.09E+08	+	0.002779
Clpb	MmuINT0037549	chr7	1.09E+08	1.09E+08	+	0.00289
Clpb	MmuINT0037550	chr7	1.09E+08	1.09E+08	+	0.003675
Clpp	MmuINT0037551	chr17	57129937	57130028	+	0.010724
Clpp	MmuINT0037552	chr17	57130101	57130716	+	0.012473
Clpp	MmuINT0037553	chr17	57130814	57132248	+	0.012001
Clpp	MmuINT0037554	chr17	57132437	57132870	+	0.002976
Clpp	MmuINT0037555	chr17	57132977	57135300	+	0.013299
Clptm1	MmuINT0037558	chr7	20241180	20250282	-	0.007649
Clptm1	MmuINT0037559	chr7	20220753	20221009	-	0.002392
Clptm1	MmuINT0037560	chr7	20220363	20220656	-	0.002064
Clptm1	MmuINT0037561	chr7	20219573	20220226	-	0.00778
Clptm1	MmuINT0037562	chr7	20219312	20219404	-	0.002444
Clptm1	MmuINT0037563	chr7	20232189	20241066	-	0.004093
Clptm1	MmuINT0037564	chr7	20231350	20232064	-	0.002113
Clptm1	MmuINT0037565	chr7	20228519	20231190	-	0.002197
Clptm1	MmuINT0037566	chr7	20224367	20228400	-	0.003929
Clptm1	MmuINT0037567	chr7	20223587	20224280	-	0.006425
Clptm1	MmuINT0037568	chr7	20223063	20223465	-	0.010877
Clptm1	MmuINT0037569	chr7	20222521	20222817	-	0.014627
Clptm1	MmuINT0037570	chr7	20221201	20222426	-	0.015123
Clptm1l	MmuINT0037571	chr13	73741848	73742377	+	0.005051
Clptm1l	MmuINT0037572	chr13	73752121	73752620	+	0.008009
Clptm1l	MmuINT0037573	chr13	73752672	73753410	+	0.013871
Clptm1l	MmuINT0037574	chr13	73753494	73754262	+	0.014844
Clptm1l	MmuINT0037575	chr13	73754298	73755025	+	0.01488
Clptm1l	MmuINT0037576	chr13	73755082	73755166	+	0.007765
Clptm1l	MmuINT0037577	chr13	73755212	73755849	+	0.006863
Clptm1l	MmuINT0037578	chr13	73755966	73757480	+	0.007779

Clptm1l	MmuINT0037579	chr13	73742479	73743669	+	0.004246
Clptm1l	MmuINT0037580	chr13	73743860	73745167	+	0.008262
Clptm1l	MmuINT0037581	chr13	73745317	73746351	+	0.003639
Clptm1l	MmuINT0037582	chr13	73746431	73748591	+	0.006693
Clptm1l	MmuINT0037583	chr13	73748710	73749069	+	0.022772
Clptm1l	MmuINT0037584	chr13	73749165	73749841	+	0.052927
Clptm1l	MmuINT0037585	chr13	73749927	73751105	+	0.030801
Clptm1l	MmuINT0037586	chr13	73751210	73752054	+	0.009722
Clpx	MmuINT0037588	chr9	65142373	65147707	+	0.001365
Clpx	MmuINT0037589	chr9	65168791	65170350	+	0.001244
Clpx	MmuINT0037590	chr9	65170651	65172013	+	0.000045
Clpx	MmuINT0037593	chr9	65147872	65149654	+	0.001233
Clpx	MmuINT0037594	chr9	65149773	65156274	+	0.002669
Clpx	MmuINT0037595	chr9	65156430	65157958	+	0.003494
Clpx	MmuINT0037596	chr9	65158119	65159904	+	0.007788
Clpx	MmuINT0037597	chr9	65159947	65164450	+	0.008959
Clpx	MmuINT0037598	chr9	65164628	65165135	+	0.001547
Clpx	MmuINT0037599	chr9	65165301	65166469	+	0.002628
Clpx	MmuINT0037600	chr9	65166559	65168625	+	0.007216
Clstn1	MmuINT0037636	chr4	1.49E+08	1.49E+08	+	0.020554
Clstn1	MmuINT0037637	chr4	1.49E+08	1.49E+08	+	0.026391
Clstn1	MmuINT0037638	chr4	1.49E+08	1.49E+08	+	0.033713
Clstn1	MmuINT0037639	chr4	1.49E+08	1.49E+08	+	0.006723
Clstn1	MmuINT0037640	chr4	1.49E+08	1.49E+08	+	0.005843
Clstn1	MmuINT0037641	chr4	1.49E+08	1.49E+08	+	0.006376
Clstn1	MmuINT0037642	chr4	1.49E+08	1.49E+08	+	0.010054
Clstn1	MmuINT0037643	chr4	1.49E+08	1.49E+08	+	0.003502
Clstn1	MmuINT0037644	chr4	1.49E+08	1.49E+08	+	0.007815
Clstn1	MmuINT0037645	chr4	1.49E+08	1.49E+08	+	0.012937
Clstn1	MmuINT0037646	chr4	1.49E+08	1.49E+08	+	0.008195
Clstn1	MmuINT0037647	chr4	1.49E+08	1.49E+08	+	0.006067
Clstn1	MmuINT0037648	chr4	1.49E+08	1.49E+08	+	0.004629
Clstn1	MmuINT0037649	chr4	1.49E+08	1.49E+08	+	0.008772
Clstn1	MmuINT0037650	chr4	1.49E+08	1.49E+08	+	0.00566
Clstn1	MmuINT0037651	chr4	1.49E+08	1.49E+08	+	0.005399
Clstn1	MmuINT0037652	chr4	1.49E+08	1.49E+08	+	0.005754
Clta	MmuINT0037690	chr4	44025881	44031684	+	0.003037
Clta	MmuINT0037691	chr4	44031723	44032745	+	0.003729
Clta	MmuINT0037692	chr4	44032864	44038320	+	0.006342
Clta	MmuINT0037693	chr4	44038433	44043086	+	0.243653
Clta	MmuINT0037694	chr4	44043141	44045272	+	0.249928
Cltb	MmuINT0037695	chr13	54708052	54712438	-	0.002607
Cltb	MmuINT0037696	chr13	54700523	54708004	-	0.003744
Cltb	MmuINT0037697	chr13	54700195	54700404	-	0.00256
Cltb	MmuINT0037698	chr13	54695404	54700082	-	0.012279
Cltc	MmuINT0037699	chr11	86550781	86570749	-	0.004177
Cltc	MmuINT0037700	chr11	86533890	86535076	-	0.004371
Cltc	MmuINT0037701	chr11	86533126	86533751	-	0.003411
Cltc	MmuINT0037702	chr11	86532869	86532960	-	0.004546
Cltc	MmuINT0037703	chr11	86531564	86532687	-	0.003111

Cltc	MmuINT0037704	chr11	86526209	86531399	-	0.003212
Cltc	MmuINT0037705	chr11	86525492	86526082	-	0.004689
Cltc	MmuINT0037706	chr11	86525078	86525348	-	0.003365
Cltc	MmuINT0037707	chr11	86522575	86524842	-	0.002744
Cltc	MmuINT0037708	chr11	86521118	86522451	-	0.002548
Cltc	MmuINT0037709	chr11	86520738	86520971	-	0.002568
Cltc	MmuINT0037710	chr11	86547347	86550572	-	0.003929
Cltc	MmuINT0037711	chr11	86520362	86520553	-	0.002703
Cltc	MmuINT0037712	chr11	86519633	86520168	-	0.002496
Cltc	MmuINT0037713	chr11	86518813	86519474	-	0.002942
Cltc	MmuINT0037714	chr11	86518498	86518647	-	0.003998
Cltc	MmuINT0037715	chr11	86518310	86518389	-	0.002438
Cltc	MmuINT0037716	chr11	86517732	86518141	-	0.002929
Cltc	MmuINT0037717	chr11	86517505	86517581	-	0.00589
Cltc	MmuINT0037718	chr11	86517277	86517372	-	0.004715
Cltc	MmuINT0037719	chr11	86516274	86517165	-	0.002833
Cltc	MmuINT0037720	chr11	86515933	86516102	-	0.001663
Cltc	MmuINT0037721	chr11	86546169	86547077	-	0.003786
Cltc	MmuINT0037722	chr11	86510843	86515710	-	0.060404
Cltc	MmuINT0037723	chr11	86509193	86510766	-	0.016511
Cltc	MmuINT0037724	chr11	86544334	86546006	-	0.011246
Cltc	MmuINT0037725	chr11	86543887	86544219	-	0.004877
Cltc	MmuINT0037726	chr11	86539955	86543712	-	0.004932
Cltc	MmuINT0037727	chr11	86538774	86539756	-	0.002412
Cltc	MmuINT0037728	chr11	86535830	86538572	-	0.002689
Cltc	MmuINT0037729	chr11	86535200	86535676	-	0.003599
Clu	MmuINT0037730	chr14	66587526	66590568	+	0.001152
Clu	MmuINT0037731	chr14	66590690	66592161	+	0.004356
Clu	MmuINT0037732	chr14	66592311	66593679	+	0.000825
Clu	MmuINT0037733	chr14	66593851	66594417	+	0.001595
Clu	MmuINT0037734	chr14	66594830	66595742	+	0.000295
Clu	MmuINT0037735	chr14	66595848	66598487	+	0.00255
Clu	MmuINT0037736	chr14	66598718	66599690	+	0.005391
Clu	MmuINT0037737	chr14	66599867	66600144	+	0.000911
Cluap1	MmuINT0037738	chr16	3909154	3911450	+	0.068993
Cluap1	MmuINT0037739	chr16	3933815	3937558	+	0.036134
Cluap1	MmuINT0037740	chr16	3937615	3940767	+	0.017068
Cluap1	MmuINT0037741	chr16	3911563	3913284	+	0.016423
Cluap1	MmuINT0037742	chr16	3913370	3915422	+	0.026805
Cluap1	MmuINT0037743	chr16	3915603	3917825	+	0.038124
Cluap1	MmuINT0037744	chr16	3917922	3919480	+	0.016538
Cluap1	MmuINT0037745	chr16	3919565	3923839	+	0.017875
Cluap1	MmuINT0037746	chr16	3923974	3928489	+	0.03416
Cluap1	MmuINT0037747	chr16	3928632	3929839	+	0.014423
Cluap1	MmuINT0037748	chr16	3929913	3933706	+	0.013344
Clybl	MmuINT0037758	chr14	1.23E+08	1.23E+08	+	0.002179
Clybl	MmuINT0037759	chr14	1.23E+08	1.23E+08	+	0.001055
Clybl	MmuINT0037760	chr14	1.23E+08	1.23E+08	+	0.003708
Clybl	MmuINT0037761	chr14	1.23E+08	1.23E+08	+	0.001372
Clybl	MmuINT0037762	chr14	1.23E+08	1.23E+08	+	0.026217

Clybl	MmuINT0037763	chr14	1.23E+08	1.23E+08	+	0.001712
Clybl	MmuINT0037764	chr14	1.23E+08	1.23E+08	+	0.00411
Cmas	MmuINT0037789	chr6	1.43E+08	1.43E+08	+	0.014317
Cmas	MmuINT0037790	chr6	1.43E+08	1.43E+08	+	0.006754
Cmas	MmuINT0037791	chr6	1.43E+08	1.43E+08	+	0.056267
Cmas	MmuINT0037792	chr6	1.43E+08	1.43E+08	+	0.036222
Cmas	MmuINT0037793	chr6	1.43E+08	1.43E+08	+	0.007018
Cmas	MmuINT0037794	chr6	1.43E+08	1.43E+08	+	0.006893
Cmas	MmuINT0037795	chr6	1.43E+08	1.43E+08	+	0.011407
Cmbl	MmuINT0037796	chr15	31498695	31511594	+	0.002774
Cmbl	MmuINT0037797	chr15	31511829	31513719	+	0.002812
Cmbl	MmuINT0037798	chr15	31513828	31515049	+	0.005036
Cmbl	MmuINT0037799	chr15	31515193	31517922	+	0.005125
Cmbl	MmuINT0037800	chr15	31518015	31519438	+	0.00292
Cmc1	MmuINT0037801	chr9	1.18E+08	1.18E+08	-	0.008873
Cmc1	MmuINT0037802	chr9	1.18E+08	1.18E+08	-	0.005094
Cmc1	MmuINT0037803	chr9	1.18E+08	1.18E+08	-	0.020653
Cmklr1	MmuINT0037804	chr5	1.14E+08	1.14E+08	-	0.029461
Cmklr1	MmuINT0037805	chr5	1.14E+08	1.14E+08	-	0.024709
Cml1	MmuINT0037806	chr6	85861015	85865527	-	0.111206
Cmpk1	MmuINT0037814	chr4	1.15E+08	1.15E+08	-	0.006921
Cmpk1	MmuINT0037817	chr4	1.15E+08	1.15E+08	-	0.002834
Cmpk2	MmuINT0037819	chr12	27154892	27156270	+	0.06682
Cmpk2	MmuINT0037820	chr12	27156386	27158860	+	0.093847
Cmpk2	MmuINT0037821	chr12	27159063	27161870	+	0.069991
Cmpk2	MmuINT0037822	chr12	27162105	27162876	+	0.067994
Cmtm3	MmuINT0037830	chr8	1.07E+08	1.07E+08	+	0.1271
Cmtm3	MmuINT0037831	chr8	1.07E+08	1.07E+08	+	0.229359
Cmtm3	MmuINT0037832	chr8	1.07E+08	1.07E+08	+	0.113171
Cmtm3	MmuINT0037833	chr8	1.07E+08	1.07E+08	+	0.029737
Cmtm4	MmuINT0037834	chr8	1.07E+08	1.07E+08	-	0.031249
Cmtm4	MmuINT0037835	chr8	1.07E+08	1.07E+08	-	0.024868
Cmtm4	MmuINT0037836	chr8	1.07E+08	1.07E+08	-	0.024005
Cmtm6	MmuINT0037841	chr9	1.15E+08	1.15E+08	+	0.037996
Cmtm6	MmuINT0037842	chr9	1.15E+08	1.15E+08	+	0.014569
Cmtm6	MmuINT0037843	chr9	1.15E+08	1.15E+08	+	0.012645
Cmtm7	MmuINT0037844	chr9	1.15E+08	1.15E+08	-	0.016934
Cmtm7	MmuINT0037845	chr9	1.15E+08	1.15E+08	-	0.048469
Cmtm7	MmuINT0037846	chr9	1.15E+08	1.15E+08	-	0.093066
Cmtm7	MmuINT0037847	chr9	1.15E+08	1.15E+08	-	0.025751
Cmtm8	MmuINT0037848	chr9	1.15E+08	1.15E+08	-	0.011344
Cmtm8	MmuINT0037849	chr9	1.15E+08	1.15E+08	-	0.027046
Cmtm8	MmuINT0037850	chr9	1.15E+08	1.15E+08	-	0.011231
Cmya5	MmuINT0037852	chr13	93818931	93820091	-	0.000856
Cmya5	MmuINT0037853	chr13	93815996	93818830	-	0.001596
Cmya5	MmuINT0037854	chr13	93811516	93815821	-	0.001383
Cmya5	MmuINT0037855	chr13	93854596	93859074	-	0.001467
Cmya5	MmuINT0037856	chr13	93853340	93854499	-	0.000742
Cmya5	MmuINT0037858	chr13	93835327	93839233	-	0.008281
Cmya5	MmuINT0037859	chr13	93833546	93835179	-	0.008272

Cmya5	MmuINT0037860	chr13	93820226	93833397	-	0.003378
Cnbp	MmuINT0037862	chr6	87795788	87800897	-	0.011742
Cnbp	MmuINT0037863	chr6	87794151	87795115	-	0.000957
Cndp2	MmuINT0037876	chr18	84851320	84854994	-	0.226859
Cndp2	MmuINT0037877	chr18	84838078	84838322	-	0.001937
Cndp2	MmuINT0037878	chr18	84837493	84837929	-	0.007887
Cndp2	MmuINT0037879	chr18	84850471	84851229	-	0.00632
Cndp2	MmuINT0037880	chr18	84848263	84850326	-	0.007244
Cndp2	MmuINT0037881	chr18	84846800	84848099	-	0.008838
Cndp2	MmuINT0037882	chr18	84844570	84846710	-	0.029451
Cndp2	MmuINT0037883	chr18	84841551	84844368	-	0.0023
Cndp2	MmuINT0037884	chr18	84840306	84841465	-	0.010856
Cndp2	MmuINT0037885	chr18	84839354	84840144	-	0.022379
Cndp2	MmuINT0037886	chr18	84838465	84839188	-	0.009454
Cnih	MmuINT0037954	chr14	47403856	47407857	-	0.00553
Cnih	MmuINT0037955	chr14	47399901	47403786	-	0.003383
Cnih	MmuINT0037956	chr14	47398708	47399787	-	0.003621
Cnih	MmuINT0037957	chr14	47396225	47398563	-	0.004439
Cnih4	MmuINT0037968	chr1	1.83E+08	1.83E+08	+	0.006108
Cnih4	MmuINT0037969	chr1	1.83E+08	1.83E+08	+	0.005199
Cnih4	MmuINT0037970	chr1	1.83E+08	1.83E+08	+	0.002062
Cnih4	MmuINT0037971	chr1	1.83E+08	1.83E+08	+	0.00508
Cnksr1	MmuINT0037973	chr4	1.34E+08	1.34E+08	-	0.050293
Cnksr1	MmuINT0037974	chr4	1.34E+08	1.34E+08	-	0.040115
Cnksr1	MmuINT0037975	chr4	1.34E+08	1.34E+08	-	0.06327
Cnksr1	MmuINT0037976	chr4	1.34E+08	1.34E+08	-	0.295157
Cnksr1	MmuINT0037977	chr4	1.34E+08	1.34E+08	-	0.150178
Cnksr1	MmuINT0037978	chr4	1.34E+08	1.34E+08	-	0.099901
Cnksr1	MmuINT0037979	chr4	1.34E+08	1.34E+08	-	0.045934
Cnksr1	MmuINT0037980	chr4	1.34E+08	1.34E+08	-	0.052739
Cnksr1	MmuINT0037981	chr4	1.34E+08	1.34E+08	-	0.135901
Cnksr1	MmuINT0037982	chr4	1.34E+08	1.34E+08	-	0.049105
Cnksr1	MmuINT0037983	chr4	1.34E+08	1.34E+08	-	0.052221
Cnksr1	MmuINT0037984	chr4	1.34E+08	1.34E+08	-	0.069487
Cnksr1	MmuINT0037985	chr4	1.34E+08	1.34E+08	-	0.093933
Cnksr1	MmuINT0037986	chr4	1.34E+08	1.34E+08	-	0.31697
Cnksr1	MmuINT0037987	chr4	1.34E+08	1.34E+08	-	0.105356
Cnksr1	MmuINT0037988	chr4	1.34E+08	1.34E+08	-	0.119381
Cnksr1	MmuINT0037989	chr4	1.34E+08	1.34E+08	-	0.201878
Cnksr1	MmuINT0037990	chr4	1.34E+08	1.34E+08	-	0.326092
Cnksr1	MmuINT0037991	chr4	1.34E+08	1.34E+08	-	0.09871
Cnksr3	MmuINT0038013	chr10	3134910	3185733	+	0.014698
Cnksr3	MmuINT0038014	chr10	3217519	3219697	+	0.011324
Cnksr3	MmuINT0038015	chr10	3219907	3220356	+	0.007756
Cnksr3	MmuINT0038016	chr10	3220447	3225954	+	0.044129
Cnksr3	MmuINT0038017	chr10	3185898	3192055	+	0.011698
Cnksr3	MmuINT0038018	chr10	3192259	3193589	+	0.008343
Cnksr3	MmuINT0038019	chr10	3193678	3203538	+	0.015252
Cnksr3	MmuINT0038020	chr10	3203581	3206102	+	0.020147
Cnksr3	MmuINT0038021	chr10	3206223	3208126	+	0.013231

Cnksr3	MmuINT0038022	chr10	3208187	3211424	+	0.014385
Cnksr3	MmuINT0038023	chr10	3211494	3211872	+	0.013279
Cnksr3	MmuINT0038024	chr10	3212020	3217393	+	0.025133
Cnn1	MmuINT0038025	chr9	21903863	21905584	+	0.04908
Cnn1	MmuINT0038027	chr9	21908817	21909813	+	0.068118
Cnn1	MmuINT0038028	chr9	21909952	21910113	+	0.052856
Cnn2	MmuINT0038031	chr10	79451486	79454104	+	0.026315
Cnn2	MmuINT0038032	chr10	79454227	79455017	+	0.014172
Cnn2	MmuINT0038033	chr10	79455085	79455187	+	0.002011
Cnn2	MmuINT0038034	chr10	79455326	79455958	+	0.003339
Cnn2	MmuINT0038035	chr10	79456076	79456172	+	0.004377
Cnn3	MmuINT0038037	chr3	1.21E+08	1.21E+08	+	0.004689
Cnn3	MmuINT0038038	chr3	1.21E+08	1.21E+08	+	0.007026
Cnn3	MmuINT0038040	chr3	1.21E+08	1.21E+08	+	0.003439
Cnnm2	MmuINT0038053	chr19	46837884	46928390	+	0.033799
Cnnm2	MmuINT0038054	chr19	46928535	46931325	+	0.047639
Cnnm2	MmuINT0038055	chr19	46931464	46933432	+	0.044086
Cnnm2	MmuINT0038056	chr19	46933603	46943027	+	0.052601
Cnnm2	MmuINT0038058	chr19	46951883	46952322	+	0.03856
Cnnm3	MmuINT0038063	chr1	36569999	36575796	+	0.040772
Cnnm3	MmuINT0038064	chr1	36575941	36576922	+	0.044174
Cnnm3	MmuINT0038065	chr1	36577073	36577363	+	0.222053
Cnnm3	MmuINT0038066	chr1	36577534	36577663	+	0.056056
Cnnm3	MmuINT0038067	chr1	36577761	36578049	+	0.023845
Cnnm3	MmuINT0038068	chr1	36578184	36578545	+	0.052405
Cnnm3	MmuINT0038069	chr1	36578685	36582010	+	0.224635
Cnnm4	MmuINT0038070	chr1	36529931	36554834	+	0.053557
Cnnm4	MmuINT0038072	chr1	36555375	36556255	+	0.057101
Cnnm4	MmuINT0038075	chr1	36562625	36563253	+	0.071313
Cnot1	MmuINT0038077	chr8	98289051	98293400	-	0.005933
Cnot1	MmuINT0038078	chr8	98288485	98288879	-	0.008392
Cnot1	MmuINT0038079	chr8	98287131	98288356	-	0.008496
Cnot1	MmuINT0038080	chr8	98285343	98286889	-	0.007919
Cnot1	MmuINT0038081	chr8	98284526	98285222	-	0.00669
Cnot1	MmuINT0038082	chr8	98284151	98284402	-	0.007424
Cnot1	MmuINT0038083	chr8	98281393	98283998	-	0.009731
Cnot1	MmuINT0038084	chr8	98280194	98281241	-	0.003782
Cnot1	MmuINT0038085	chr8	98279012	98279991	-	0.008873
Cnot1	MmuINT0038086	chr8	98299287	98312529	-	0.008841
Cnot1	MmuINT0038087	chr8	98276689	98276925	-	0.005163
Cnot1	MmuINT0038088	chr8	98275720	98276401	-	0.006771
Cnot1	MmuINT0038089	chr8	98272975	98275640	-	0.00929
Cnot1	MmuINT0038090	chr8	98272300	98272743	-	0.00246
Cnot1	MmuINT0038091	chr8	98271053	98272158	-	0.006345
Cnot1	MmuINT0038092	chr8	98269592	98270872	-	0.017
Cnot1	MmuINT0038093	chr8	98268954	98269474	-	0.008098
Cnot1	MmuINT0038094	chr8	98268541	98268842	-	0.013391
Cnot1	MmuINT0038095	chr8	98268291	98268462	-	0.013441
Cnot1	MmuINT0038096	chr8	98267135	98268112	-	0.004257
Cnot1	MmuINT0038097	chr8	98298629	98299178	-	0.009339

Cnot1	MmuINT0038098	chr8	98265978	98267003	-	0.004111
Cnot1	MmuINT0038099	chr8	98264970	98265680	-	0.004015
Cnot1	MmuINT0038100	chr8	98264735	98264828	-	0.003938
Cnot1	MmuINT0038101	chr8	98263828	98264629	-	0.035143
Cnot1	MmuINT0038102	chr8	98260346	98263707	-	0.006769
Cnot1	MmuINT0038103	chr8	98259729	98260153	-	0.003402
Cnot1	MmuINT0038104	chr8	98258250	98259585	-	0.00461
Cnot1	MmuINT0038105	chr8	98258049	98258140	-	0.005087
Cnot1	MmuINT0038106	chr8	98257224	98257878	-	0.004567
Cnot1	MmuINT0038107	chr8	98254562	98256991	-	0.174477
Cnot1	MmuINT0038108	chr8	98297540	98298529	-	0.009657
Cnot1	MmuINT0038109	chr8	98253148	98254312	-	0.005351
Cnot1	MmuINT0038110	chr8	98252633	98252983	-	0.004907
Cnot1	MmuINT0038111	chr8	98251585	98252514	-	0.00892
Cnot1	MmuINT0038118	chr8	98297387	98297470	-	0.012534
Cnot1	MmuINT0038119	chr8	98296075	98297331	-	0.007262
Cnot1	MmuINT0038120	chr8	98294611	98295870	-	0.006502
Cnot1	MmuINT0038121	chr8	98293771	98294441	-	0.0061
Cnot1	MmuINT0038122	chr8	98293512	98293643	-	0.006938
Cnot10	MmuINT0038123	chr9	1.15E+08	1.15E+08	-	0.016153
Cnot10	MmuINT0038124	chr9	1.15E+08	1.15E+08	-	0.015639
Cnot10	MmuINT0038125	chr9	1.15E+08	1.15E+08	-	0.007352
Cnot10	MmuINT0038126	chr9	1.15E+08	1.15E+08	-	0.012533
Cnot10	MmuINT0038127	chr9	1.15E+08	1.15E+08	-	0.014023
Cnot10	MmuINT0038128	chr9	1.15E+08	1.15E+08	-	0.008874
Cnot10	MmuINT0038129	chr9	1.15E+08	1.15E+08	-	0.247673
Cnot10	MmuINT0038130	chr9	1.15E+08	1.15E+08	-	0.20784
Cnot10	MmuINT0038131	chr9	1.15E+08	1.15E+08	-	0.113061
Cnot10	MmuINT0038132	chr9	1.15E+08	1.15E+08	-	0.043047
Cnot10	MmuINT0038134	chr9	1.15E+08	1.15E+08	-	0.010539
Cnot10	MmuINT0038135	chr9	1.15E+08	1.15E+08	-	0.011243
Cnot10	MmuINT0038136	chr9	1.15E+08	1.15E+08	-	0.006883
Cnot10	MmuINT0038137	chr9	1.15E+08	1.15E+08	-	0.007858
Cnot10	MmuINT0038138	chr9	1.15E+08	1.15E+08	-	0.009355
Cnot10	MmuINT0038139	chr9	1.15E+08	1.15E+08	-	0.010977
Cnot10	MmuINT0038140	chr9	1.15E+08	1.15E+08	-	0.014497
Cnot10	MmuINT0038141	chr9	1.15E+08	1.15E+08	-	0.011434
Cnot2	MmuINT0038144	chr10	1.16E+08	1.16E+08	-	0.150457
Cnot2	MmuINT0038145	chr10	1.16E+08	1.16E+08	-	0.015528
Cnot2	MmuINT0038146	chr10	1.16E+08	1.16E+08	-	0.015128
Cnot2	MmuINT0038147	chr10	1.16E+08	1.16E+08	-	0.012752
Cnot2	MmuINT0038148	chr10	1.16E+08	1.16E+08	-	0.015337
Cnot2	MmuINT0038149	chr10	1.16E+08	1.16E+08	-	0.00772
Cnot2	MmuINT0038150	chr10	1.16E+08	1.16E+08	-	0.063927
Cnot2	MmuINT0038151	chr10	1.16E+08	1.16E+08	-	0.021426
Cnot2	MmuINT0038152	chr10	1.16E+08	1.16E+08	-	0.023192
Cnot2	MmuINT0038153	chr10	1.16E+08	1.16E+08	-	0.031977
Cnot2	MmuINT0038154	chr10	1.16E+08	1.16E+08	-	0.020179
Cnot2	MmuINT0038155	chr10	1.16E+08	1.16E+08	-	0.015251
Cnot2	MmuINT0038156	chr10	1.16E+08	1.16E+08	-	0.005926

Cnot2	MmuINT0038157	chr10	1.16E+08	1.16E+08	-	0.027414
Cnot3	MmuINT0038159	chr7	3597187	3602402	+	0.226441
Cnot3	MmuINT0038160	chr7	3605802	3607172	+	0.015098
Cnot3	MmuINT0038165	chr7	3609994	3610210	+	0.059062
Cnot3	MmuINT0038167	chr7	3602478	3602582	+	0.029199
Cnot3	MmuINT0038168	chr7	3602651	3602869	+	0.033243
Cnot3	MmuINT0038169	chr7	3602945	3603095	+	0.091444
Cnot3	MmuINT0038170	chr7	3603186	3603409	+	0.039197
Cnot3	MmuINT0038171	chr7	3603539	3603634	+	0.011441
Cnot3	MmuINT0038172	chr7	3603731	3604801	+	0.02582
Cnot3	MmuINT0038173	chr7	3605022	3605112	+	0.053689
Cnot3	MmuINT0038174	chr7	3605247	3605744	+	0.016305
Cnot4	MmuINT0038178	chr6	35030227	35083501	-	0.019676
Cnot4	MmuINT0038179	chr6	34996359	35001061	-	0.086539
Cnot4	MmuINT0038180	chr6	35028179	35029960	-	0.010719
Cnot4	MmuINT0038181	chr6	35020304	35027980	-	0.01402
Cnot4	MmuINT0038182	chr6	35019472	35020216	-	0.013657
Cnot4	MmuINT0038183	chr6	35018714	35019369	-	0.019692
Cnot4	MmuINT0038186	chr6	35001560	35002841	-	0.006504
Cnot6	MmuINT0038187	chr11	49516157	49525855	-	0.048401
Cnot6	MmuINT0038188	chr11	49491005	49493422	-	0.014658
Cnot6	MmuINT0038189	chr11	49488908	49490801	-	0.024989
Cnot6	MmuINT0038190	chr11	49502854	49516042	-	0.021473
Cnot6	MmuINT0038191	chr11	49500435	49502666	-	0.024375
Cnot6	MmuINT0038192	chr11	49498855	49500348	-	0.023457
Cnot6	MmuINT0038193	chr11	49498658	49498764	-	0.089857
Cnot6	MmuINT0038194	chr11	49496785	49498588	-	0.026886
Cnot6	MmuINT0038195	chr11	49495696	49496626	-	0.018495
Cnot6	MmuINT0038196	chr11	49494798	49495540	-	0.015203
Cnot6	MmuINT0038197	chr11	49493654	49494642	-	0.01318
Cnot6l	MmuINT0038200	chr5	96509155	96511888	-	0.012595
Cnot6l	MmuINT0038201	chr5	96560265	96563029	-	0.017232
Cnot6l	MmuINT0038202	chr5	96558048	96560077	-	0.023237
Cnot6l	MmuINT0038203	chr5	96535325	96557961	-	0.027737
Cnot6l	MmuINT0038204	chr5	96527333	96535234	-	0.013272
Cnot6l	MmuINT0038205	chr5	96523338	96527263	-	0.013244
Cnot6l	MmuINT0038206	chr5	96520758	96523179	-	0.019587
Cnot6l	MmuINT0038207	chr5	96515313	96520602	-	0.028579
Cnot6l	MmuINT0038208	chr5	96512117	96515160	-	0.013613
Cnot7	MmuINT0038209	chr8	41593003	41595368	-	0.003835
Cnot7	MmuINT0038210	chr8	41586268	41592808	-	0.078691
Cnot7	MmuINT0038212	chr8	41581270	41584648	-	0.005871
Cnot7	MmuINT0038213	chr8	41579470	41581158	-	0.033423
Cnot8	MmuINT0038214	chr11	57917711	57923057	+	0.029956
Cnot8	MmuINT0038215	chr11	57923269	57924761	+	0.006549
Cnot8	MmuINT0038218	chr11	57927597	57928766	+	0.014534
Cnp	MmuINT0038220	chr11	1E+08	1E+08	+	0.025804
Cnp	MmuINT0038221	chr11	1E+08	1E+08	+	0.029559
Cnp2	MmuINT0038224	chr10	1.28E+08	1.28E+08	+	0.014016
Cnp2	MmuINT0038225	chr10	1.28E+08	1.28E+08	+	0.01049



Cnpy2	MmuINT0038226	chr10	1.28E+08	1.28E+08	+	0.005889
Cnpy2	MmuINT0038227	chr10	1.28E+08	1.28E+08	+	0.005249
Cnpy2	MmuINT0038228	chr10	1.28E+08	1.28E+08	+	0.0046
Cnpy3	MmuINT0038229	chr17	46884494	46888921	-	0.010614
Cnpy3	MmuINT0038230	chr17	46880232	46884369	-	0.034575
Cnpy3	MmuINT0038231	chr17	46874799	46880134	-	0.017196
Cnpy3	MmuINT0038232	chr17	46874242	46874675	-	0.015854
Cnpy3	MmuINT0038233	chr17	46873858	46874123	-	0.009798
Cnpy4	MmuINT0038234	chr5	1.39E+08	1.39E+08	+	0.200975
Cnpy4	MmuINT0038235	chr5	1.39E+08	1.39E+08	+	0.044409
Cnpy4	MmuINT0038236	chr5	1.39E+08	1.39E+08	+	0.043947
Cnpy4	MmuINT0038237	chr5	1.39E+08	1.39E+08	+	0.044438
Cnpy4	MmuINT0038238	chr5	1.39E+08	1.39E+08	+	0.039914
Cnrip1	MmuINT0038242	chr11	16954785	16978402	+	0.061025
Cnst	MmuINT0038243	chr1	1.81E+08	1.82E+08	+	0.013788
Cnst	MmuINT0038244	chr1	1.82E+08	1.82E+08	+	0.01487
Cnst	MmuINT0038245	chr1	1.82E+08	1.82E+08	+	0.008668
Cnst	MmuINT0038246	chr1	1.82E+08	1.82E+08	+	0.008012
Cnst	MmuINT0038247	chr1	1.82E+08	1.82E+08	+	0.030733
Cnst	MmuINT0038248	chr1	1.82E+08	1.82E+08	+	0.03306
Cnst	MmuINT0038249	chr1	1.82E+08	1.82E+08	+	0.0282
Cnst	MmuINT0038250	chr1	1.82E+08	1.82E+08	+	0.012973
Cnst	MmuINT0038251	chr1	1.82E+08	1.82E+08	+	0.013654
Cnst	MmuINT0038252	chr1	1.82E+08	1.82E+08	+	0.006718
Cntln	MmuINT0038285	chr4	84746300	84746617	+	0.060291
Cntln	MmuINT0038286	chr4	84746804	84761168	+	0.052568
Cntln	MmuINT0038288	chr4	84764424	84776545	+	0.053989
Cntn5	MmuINT0038404	chr9	9661464	9666836	-	0.030935
Cntrob	MmuINT0038602	chr11	69123606	69124836	-	0.069216
Cntrob	MmuINT0038603	chr11	69123013	69123479	-	0.060003
Cntrob	MmuINT0038604	chr11	69121704	69122849	-	0.052685
Cntrob	MmuINT0038605	chr11	69119132	69121444	-	0.056465
Cntrob	MmuINT0038606	chr11	69117824	69118988	-	0.059458
Cntrob	MmuINT0038607	chr11	69116767	69117759	-	0.06569
Cntrob	MmuINT0038608	chr11	69116469	69116595	-	0.057078
Cntrob	MmuINT0038609	chr11	69113818	69116353	-	0.146705
Cntrob	MmuINT0038610	chr11	69113493	69113744	-	0.067466
Cntrob	MmuINT0038615	chr11	69132547	69132854	-	0.041009
Coasy	MmuINT0038619	chr11	1.01E+08	1.01E+08	+	0.143501
Coasy	MmuINT0038620	chr11	1.01E+08	1.01E+08	+	0.05462
Coasy	MmuINT0038621	chr11	1.01E+08	1.01E+08	+	0.011983
Coasy	MmuINT0038622	chr11	1.01E+08	1.01E+08	+	0.01976
Coasy	MmuINT0038623	chr11	1.01E+08	1.01E+08	+	0.034305
Coasy	MmuINT0038624	chr11	1.01E+08	1.01E+08	+	0.101492
Coasy	MmuINT0038625	chr11	1.01E+08	1.01E+08	+	0.044379
Coasy	MmuINT0038626	chr11	1.01E+08	1.01E+08	+	0.063009
Cobl	MmuINT0038627	chr11	12286770	12364684	-	0.030786
Cobl	MmuINT0038633	chr11	12278363	12286565	-	0.028046
Cobl	MmuINT0038634	chr11	12276042	12278151	-	0.012948
Cobl	MmuINT0038635	chr11	12269695	12275812	-	0.02854

Cobl	MmuINT0038636	chr11	12265183	12269596	-	0.111199
Cobl	MmuINT0038637	chr11	12243921	12265107	-	0.059022
Cobl	MmuINT0038638	chr11	12209756	12243746	-	0.01353
Cobl1	MmuINT0038642	chr2	64937450	64940125	-	0.004904
Cobl1	MmuINT0038643	chr2	64927615	64933744	-	0.024737
Cobl1	MmuINT0038644	chr2	64974604	64989035	-	0.004699
Cobl1	MmuINT0038645	chr2	64971865	64974401	-	0.004685
Cobl1	MmuINT0038646	chr2	64964363	64971635	-	0.012565
Cobl1	MmuINT0038647	chr2	64964175	64964264	-	0.004254
Cobl1	MmuINT0038648	chr2	64945975	64963949	-	0.009097
Cobl1	MmuINT0038649	chr2	64945144	64945814	-	0.007973
Cobl1	MmuINT0038650	chr2	64941452	64945068	-	0.307872
Cobl1	MmuINT0038651	chr2	64940224	64941216	-	0.005497
Cobra1	MmuINT0038654	chr2	25066393	25066621	-	0.048749
Cobra1	MmuINT0038655	chr2	25056707	25058660	-	0.035514
Cobra1	MmuINT0038656	chr2	25056288	25056564	-	0.022483
Cobra1	MmuINT0038657	chr2	25055987	25056178	-	0.024011
Cobra1	MmuINT0038658	chr2	25066058	25066228	-	0.009405
Cobra1	MmuINT0038659	chr2	25065605	25065957	-	0.012118
Cobra1	MmuINT0038660	chr2	25061866	25065373	-	0.025048
Cobra1	MmuINT0038661	chr2	25060760	25061679	-	0.031403
Cobra1	MmuINT0038662	chr2	25059821	25060646	-	0.041173
Cobra1	MmuINT0038663	chr2	25059503	25059717	-	0.059236
Cobra1	MmuINT0038664	chr2	25059011	25059406	-	0.080295
Cobra1	MmuINT0038665	chr2	25058768	25058867	-	0.054421
Cog1	MmuINT0038676	chr11	1.14E+08	1.14E+08	+	0.016862
Cog1	MmuINT0038677	chr11	1.14E+08	1.14E+08	+	0.011275
Cog1	MmuINT0038678	chr11	1.14E+08	1.14E+08	+	0.011149
Cog1	MmuINT0038679	chr11	1.14E+08	1.14E+08	+	0.00907
Cog1	MmuINT0038680	chr11	1.14E+08	1.14E+08	+	0.010773
Cog1	MmuINT0038681	chr11	1.14E+08	1.14E+08	+	0.013973
Cog1	MmuINT0038682	chr11	1.14E+08	1.14E+08	+	0.012533
Cog1	MmuINT0038683	chr11	1.14E+08	1.14E+08	+	0.018493
Cog1	MmuINT0038684	chr11	1.14E+08	1.14E+08	+	0.011652
Cog1	MmuINT0038685	chr11	1.14E+08	1.14E+08	+	0.057356
Cog1	MmuINT0038686	chr11	1.14E+08	1.14E+08	+	0.070775
Cog1	MmuINT0038687	chr11	1.14E+08	1.14E+08	+	0.014989
Cog2	MmuINT0038688	chr8	1.27E+08	1.27E+08	+	0.01096
Cog2	MmuINT0038689	chr8	1.27E+08	1.27E+08	+	0.022467
Cog2	MmuINT0038690	chr8	1.27E+08	1.27E+08	+	0.120604
Cog2	MmuINT0038691	chr8	1.27E+08	1.27E+08	+	0.070424
Cog2	MmuINT0038692	chr8	1.27E+08	1.27E+08	+	0.031361
Cog2	MmuINT0038693	chr8	1.27E+08	1.27E+08	+	0.052954
Cog2	MmuINT0038694	chr8	1.27E+08	1.27E+08	+	0.021689
Cog2	MmuINT0038695	chr8	1.27E+08	1.27E+08	+	0.021182
Cog2	MmuINT0038696	chr8	1.27E+08	1.27E+08	+	0.009497
Cog2	MmuINT0038697	chr8	1.27E+08	1.27E+08	+	0.020958
Cog2	MmuINT0038698	chr8	1.27E+08	1.27E+08	+	0.039046
Cog2	MmuINT0038699	chr8	1.27E+08	1.27E+08	+	0.024901
Cog2	MmuINT0038700	chr8	1.27E+08	1.27E+08	+	0.046118

Cog2	MmuINT0038701	chr8	1.27E+08	1.27E+08	+	0.016135
Cog2	MmuINT0038702	chr8	1.27E+08	1.27E+08	+	0.0209
Cog2	MmuINT0038703	chr8	1.27E+08	1.27E+08	+	0.025118
Cog2	MmuINT0038704	chr8	1.27E+08	1.27E+08	+	0.013157
Cog3	MmuINT0038705	chr14	76147007	76154071	-	0.027439
Cog3	MmuINT0038706	chr14	76131875	76132717	-	0.019793
Cog3	MmuINT0038707	chr14	76130542	76131782	-	0.017923
Cog3	MmuINT0038708	chr14	76129239	76130401	-	0.014924
Cog3	MmuINT0038709	chr14	76127621	76129077	-	0.015645
Cog3	MmuINT0038710	chr14	76124643	76127514	-	0.028185
Cog3	MmuINT0038711	chr14	76121999	76124517	-	0.086258
Cog3	MmuINT0038712	chr14	76119620	76121908	-	0.083833
Cog3	MmuINT0038713	chr14	76117005	76119498	-	0.033817
Cog3	MmuINT0038714	chr14	76116810	76116915	-	0.020687
Cog3	MmuINT0038715	chr14	76113084	76116674	-	0.0408
Cog3	MmuINT0038716	chr14	76143435	76146859	-	0.026216
Cog3	MmuINT0038717	chr14	76107857	76113007	-	0.021787
Cog3	MmuINT0038718	chr14	76106996	76107728	-	0.06632
Cog3	MmuINT0038719	chr14	76103868	76106896	-	0.080711
Cog3	MmuINT0038720	chr14	76142314	76143372	-	0.021658
Cog3	MmuINT0038721	chr14	76141563	76142147	-	0.033835
Cog3	MmuINT0038722	chr14	76140436	76141487	-	0.030001
Cog3	MmuINT0038723	chr14	76139437	76140342	-	0.028869
Cog3	MmuINT0038724	chr14	76137851	76139310	-	0.023779
Cog3	MmuINT0038725	chr14	76133749	76137769	-	0.027425
Cog3	MmuINT0038726	chr14	76132845	76133704	-	0.025205
Cog4	MmuINT0038727	chr8	1.13E+08	1.13E+08	+	0.004347
Cog4	MmuINT0038728	chr8	1.13E+08	1.13E+08	+	0.010937
Cog4	MmuINT0038729	chr8	1.13E+08	1.13E+08	+	0.006208
Cog4	MmuINT0038730	chr8	1.13E+08	1.13E+08	+	0.005468
Cog4	MmuINT0038731	chr8	1.13E+08	1.13E+08	+	0.009869
Cog4	MmuINT0038732	chr8	1.13E+08	1.13E+08	+	0.003778
Cog4	MmuINT0038733	chr8	1.13E+08	1.13E+08	+	0.033783
Cog4	MmuINT0038734	chr8	1.13E+08	1.13E+08	+	0.013671
Cog4	MmuINT0038735	chr8	1.13E+08	1.13E+08	+	0.017092
Cog4	MmuINT0038736	chr8	1.13E+08	1.13E+08	+	0.008947
Cog4	MmuINT0038737	chr8	1.13E+08	1.13E+08	+	0.005544
Cog4	MmuINT0038738	chr8	1.13E+08	1.13E+08	+	0.003222
Cog4	MmuINT0038739	chr8	1.13E+08	1.13E+08	+	0.003426
Cog4	MmuINT0038740	chr8	1.13E+08	1.13E+08	+	0.003594
Cog4	MmuINT0038741	chr8	1.13E+08	1.13E+08	+	0.004036
Cog4	MmuINT0038742	chr8	1.13E+08	1.13E+08	+	0.011149
Cog4	MmuINT0038743	chr8	1.13E+08	1.13E+08	+	0.004171
Cog4	MmuINT0038744	chr8	1.13E+08	1.13E+08	+	0.011114
Cog5	MmuINT0038745	chr12	32339849	32345581	+	0.017486
Cog5	MmuINT0038746	chr12	32487349	32504989	+	0.012293
Cog5	MmuINT0038747	chr12	32505072	32518046	+	0.00796
Cog5	MmuINT0038748	chr12	32518252	32522059	+	0.008135
Cog5	MmuINT0038749	chr12	32522222	32524619	+	0.007424
Cog5	MmuINT0038750	chr12	32524720	32554283	+	0.006902

Cog5	MmuINT0038751	chr12	32554395	32554936	+	0.011182
Cog5	MmuINT0038752	chr12	32555000	32571069	+	0.008588
Cog5	MmuINT0038753	chr12	32571174	32578835	+	0.00644
Cog5	MmuINT0038754	chr12	32579074	32585761	+	0.010818
Cog5	MmuINT0038755	chr12	32585839	32604515	+	0.008129
Cog5	MmuINT0038756	chr12	32345722	32350329	+	0.010676
Cog5	MmuINT0038757	chr12	32604643	32605418	+	0.008974
Cog5	MmuINT0038758	chr12	32605499	32610509	+	0.010185
Cog5	MmuINT0038759	chr12	32610657	32622041	+	0.789156
Cog5	MmuINT0038760	chr12	32350388	32354634	+	0.015037
Cog5	MmuINT0038761	chr12	32354690	32355180	+	0.015259
Cog5	MmuINT0038762	chr12	32355251	32370517	+	0.010013
Cog5	MmuINT0038763	chr12	32370639	32445711	+	0.007307
Cog5	MmuINT0038764	chr12	32445843	32475711	+	0.007318
Cog5	MmuINT0038765	chr12	32475878	32486847	+	0.006996
Cog5	MmuINT0038766	chr12	32486961	32487270	+	0.017721
Cog6	MmuINT0038767	chr3	52819535	52820967	-	0.002392
Cog6	MmuINT0038768	chr3	52804468	52806167	-	0.007643
Cog6	MmuINT0038769	chr3	52802271	52804402	-	0.00555
Cog6	MmuINT0038770	chr3	52800048	52802178	-	0.005232
Cog6	MmuINT0038771	chr3	52797494	52799929	-	0.013236
Cog6	MmuINT0038772	chr3	52796845	52797361	-	0.004291
Cog6	MmuINT0038773	chr3	52793989	52796676	-	0.003987
Cog6	MmuINT0038774	chr3	52793086	52793880	-	0.006198
Cog6	MmuINT0038775	chr3	52790403	52793031	-	0.013711
Cog6	MmuINT0038776	chr3	52787114	52790322	-	0.010607
Cog6	MmuINT0038777	chr3	52817809	52819390	-	0.004185
Cog6	MmuINT0038778	chr3	52816887	52817736	-	0.00594
Cog6	MmuINT0038779	chr3	52814610	52816827	-	0.004264
Cog6	MmuINT0038780	chr3	52813478	52814497	-	0.005777
Cog6	MmuINT0038781	chr3	52813046	52813394	-	0.005111
Cog6	MmuINT0038782	chr3	52811262	52812974	-	0.006548
Cog6	MmuINT0038783	chr3	52806464	52811167	-	0.004551
Cog6	MmuINT0038784	chr3	52806260	52806334	-	0.004522
Cog7	MmuINT0038785	chr7	1.29E+08	1.29E+08	-	0.010648
Cog7	MmuINT0038786	chr7	1.29E+08	1.29E+08	-	0.017763
Cog7	MmuINT0038787	chr7	1.29E+08	1.29E+08	-	0.040501
Cog7	MmuINT0038788	chr7	1.29E+08	1.29E+08	-	0.090179
Cog7	MmuINT0038789	chr7	1.29E+08	1.29E+08	-	0.009642
Cog7	MmuINT0038790	chr7	1.29E+08	1.29E+08	-	0.011142
Cog7	MmuINT0038791	chr7	1.29E+08	1.29E+08	-	0.083295
Cog7	MmuINT0038792	chr7	1.29E+08	1.29E+08	-	0.015335
Cog7	MmuINT0038793	chr7	1.29E+08	1.29E+08	-	0.008787
Cog7	MmuINT0038794	chr7	1.29E+08	1.29E+08	-	0.012687
Cog7	MmuINT0038795	chr7	1.29E+08	1.29E+08	-	0.013505
Cog7	MmuINT0038796	chr7	1.29E+08	1.29E+08	-	0.01089
Cog7	MmuINT0038797	chr7	1.29E+08	1.29E+08	-	0.008889
Cog7	MmuINT0038798	chr7	1.29E+08	1.29E+08	-	0.00982
Cog7	MmuINT0038799	chr7	1.29E+08	1.29E+08	-	0.011702
Cog7	MmuINT0038800	chr7	1.29E+08	1.29E+08	-	0.007221

Cog8	MmuINT0038801	chr8	1.1E+08	1.1E+08	-	0.025527
Cog8	MmuINT0038802	chr8	1.1E+08	1.1E+08	-	0.021467
Cog8	MmuINT0038803	chr8	1.1E+08	1.1E+08	-	0.04122
Cog8	MmuINT0038804	chr8	1.1E+08	1.1E+08	-	0.010179
Coil	MmuINT0038805	chr11	88835517	88842382	+	0.047214
Coil	MmuINT0038806	chr11	88843482	88843602	+	0.130635
Coil	MmuINT0038808	chr11	88843965	88846330	+	0.051576
Coil	MmuINT0038809	chr11	88846401	88849292	+	0.160535
Coil	MmuINT0038810	chr11	88849382	88851981	+	0.034262
Col11a2	MmuINT0038936	chr17	34201237	34201675	+	0.042662
Col11a2	MmuINT0038937	chr17	34201789	34201950	+	0.062912
Col11a2	MmuINT0038938	chr17	34202158	34202612	+	0.04788
Col14a1	MmuINT0039073	chr15	55283937	55286732	+	0.040956
Col14a1	MmuINT0039086	chr15	55333123	55347718	+	0.04863
Col15a1	MmuINT0039094	chr4	47221235	47221317	+	0.018188
Col15a1	MmuINT0039095	chr4	47275410	47275811	+	0.007672
Col15a1	MmuINT0039096	chr4	47275941	47281934	+	0.007663
Col15a1	MmuINT0039097	chr4	47282028	47283123	+	0.011962
Col15a1	MmuINT0039098	chr4	47283250	47283783	+	0.007262
Col15a1	MmuINT0039099	chr4	47283847	47292275	+	0.017132
Col15a1	MmuINT0039100	chr4	47292312	47292685	+	0.012851
Col15a1	MmuINT0039101	chr4	47292827	47293020	+	0.011087
Col15a1	MmuINT0039102	chr4	47293087	47293723	+	0.04658
Col15a1	MmuINT0039103	chr4	47293760	47293858	+	0.016248
Col15a1	MmuINT0039104	chr4	47293943	47295494	+	0.019194
Col15a1	MmuINT0039105	chr4	47221407	47258222	+	0.020989
Col15a1	MmuINT0039106	chr4	47295561	47297348	+	0.02419
Col15a1	MmuINT0039107	chr4	47297385	47299901	+	0.013993
Col15a1	MmuINT0039108	chr4	47299965	47302205	+	0.017229
Col15a1	MmuINT0039109	chr4	47302275	47302380	+	0.013506
Col15a1	MmuINT0039110	chr4	47302417	47305191	+	0.016515
Col15a1	MmuINT0039111	chr4	47305246	47305341	+	0.014766
Col15a1	MmuINT0039112	chr4	47305402	47306051	+	0.013063
Col15a1	MmuINT0039113	chr4	47306121	47306237	+	0.016961
Col15a1	MmuINT0039114	chr4	47306280	47308949	+	0.027219
Col15a1	MmuINT0039115	chr4	47308996	47311546	+	0.0131
Col15a1	MmuINT0039116	chr4	47258771	47260347	+	0.014198
Col15a1	MmuINT0039117	chr4	47311628	47312099	+	0.012338
Col15a1	MmuINT0039118	chr4	47312150	47312585	+	0.022738
Col15a1	MmuINT0039119	chr4	47312679	47313341	+	0.029032
Col15a1	MmuINT0039120	chr4	47313487	47316742	+	0.023505
Col15a1	MmuINT0039121	chr4	47316808	47319584	+	0.007725
Col15a1	MmuINT0039122	chr4	47319714	47319835	+	0.009644
Col15a1	MmuINT0039123	chr4	47319896	47320619	+	0.032051
Col15a1	MmuINT0039124	chr4	47320680	47323291	+	0.020216
Col15a1	MmuINT0039125	chr4	47323478	47323645	+	0.014876
Col15a1	MmuINT0039126	chr4	47323762	47324948	+	0.007614
Col15a1	MmuINT0039127	chr4	47260423	47262027	+	0.012402
Col15a1	MmuINT0039128	chr4	47262109	47266861	+	0.008684
Col15a1	MmuINT0039129	chr4	47267007	47270031	+	0.008299

Col15a1	MmuINT0039130	chr4	47270142	47271541	+	0.010948
Col15a1	MmuINT0039131	chr4	47271677	47272723	+	0.010248
Col15a1	MmuINT0039132	chr4	47272853	47275142	+	0.008836
Col16a1	MmuINT0039154	chr4	1.3E+08	1.3E+08	+	0.049946
Col16a1	MmuINT0039170	chr4	1.3E+08	1.3E+08	+	0.058831
Col16a1	MmuINT0039195	chr4	1.3E+08	1.3E+08	+	0.059976
Col16a1	MmuINT0039196	chr4	1.3E+08	1.3E+08	+	0.125488
Col16a1	MmuINT0039197	chr4	1.3E+08	1.3E+08	+	0.064578
Col16a1	MmuINT0039198	chr4	1.3E+08	1.3E+08	+	0.056608
Col18a1	MmuINT0039259	chr10	76539967	76540428	-	0.066261
Col18a1	MmuINT0039260	chr10	76538920	76539903	-	0.103372
Col18a1	MmuINT0039261	chr10	76537227	76538892	-	0.062371
Col18a1	MmuINT0039262	chr10	76536548	76537094	-	0.047539
Col18a1	MmuINT0039263	chr10	76535714	76536484	-	0.051257
Col18a1	MmuINT0039264	chr10	76534808	76535686	-	0.055006
Col18a1	MmuINT0039265	chr10	76534421	76534771	-	0.043837
Col18a1	MmuINT0039267	chr10	76534092	76534348	-	0.056435
Col18a1	MmuINT0039271	chr10	76532244	76532564	-	0.049143
Col18a1	MmuINT0039274	chr10	76530178	76530376	-	0.061849
Col18a1	MmuINT0039275	chr10	76529770	76530123	-	0.057052
Col18a1	MmuINT0039278	chr10	76527325	76527979	-	0.119339
Col18a1	MmuINT0039279	chr10	76526787	76527281	-	0.068992
Col18a1	MmuINT0039282	chr10	76522148	76522639	-	0.040249
Col18a1	MmuINT0039283	chr10	76521924	76522002	-	0.048288
Col18a1	MmuINT0039284	chr10	76521576	76521849	-	0.080643
Col18a1	MmuINT0039285	chr10	76520147	76521443	-	0.050376
Col18a1	MmuINT0039286	chr10	76518573	76520113	-	0.067921
Col18a1	MmuINT0039287	chr10	76517727	76518323	-	0.055445
Col18a1	MmuINT0039289	chr10	76517016	76517528	-	0.037136
Col18a1	MmuINT0039290	chr10	76516153	76516899	-	0.059135
Col18a1	MmuINT0039291	chr10	76548142	76550120	-	0.043747
Col18a1	MmuINT0039292	chr10	76543971	76548011	-	0.052079
Col18a1	MmuINT0039293	chr10	76543610	76543893	-	0.051424
Col1a1	MmuINT0039346	chr11	94797759	94799223	+	0.007357
Col1a1	MmuINT0039347	chr11	94801913	94802031	+	0.02715
Col1a1	MmuINT0039348	chr11	94802086	94802415	+	0.024205
Col1a1	MmuINT0039349	chr11	94802470	94802550	+	0.025725
Col1a1	MmuINT0039350	chr11	94802596	94802693	+	0.039415
Col1a1	MmuINT0039351	chr11	94802748	94802860	+	0.032359
Col1a1	MmuINT0039352	chr11	94802906	94803041	+	0.03704
Col1a1	MmuINT0039353	chr11	94803096	94803329	+	0.02186
Col1a1	MmuINT0039354	chr11	94803429	94803517	+	0.022662
Col1a1	MmuINT0039355	chr11	94803563	94803655	+	0.018862
Col1a1	MmuINT0039356	chr11	94803755	94803873	+	0.016876
Col1a1	MmuINT0039357	chr11	94799419	94799540	+	0.009718
Col1a1	MmuINT0039358	chr11	94803928	94804108	+	0.013095
Col1a1	MmuINT0039359	chr11	94804217	94804319	+	0.016736
Col1a1	MmuINT0039360	chr11	94804374	94804656	+	0.031362
Col1a1	MmuINT0039361	chr11	94804756	94804903	+	0.012422
Col1a1	MmuINT0039362	chr11	94804958	94805046	+	0.013228

Col1a1	MmuINT0039363	chr11	94805146	94805668	+	0.018981
Col1a1	MmuINT0039364	chr11	94805723	94805911	+	0.020681
Col1a1	MmuINT0039365	chr11	94805966	94806065	+	0.022269
Col1a1	MmuINT0039366	chr11	94806120	94806227	+	0.025956
Col1a1	MmuINT0039367	chr11	94806282	94806681	+	0.037959
Col1a1	MmuINT0039368	chr11	94799573	94799691	+	0.033507
Col1a1	MmuINT0039369	chr11	94806727	94806813	+	0.016127
Col1a1	MmuINT0039370	chr11	94806913	94807124	+	0.024932
Col1a1	MmuINT0039371	chr11	94807233	94807588	+	0.014355
Col1a1	MmuINT0039372	chr11	94807697	94807887	+	0.028181
Col1a1	MmuINT0039373	chr11	94807942	94808089	+	0.021191
Col1a1	MmuINT0039374	chr11	94808144	94808387	+	0.017772
Col1a1	MmuINT0039375	chr11	94808496	94808583	+	0.015409
Col1a1	MmuINT0039376	chr11	94808638	94808747	+	0.027944
Col1a1	MmuINT0039377	chr11	94808802	94808931	+	0.013062
Col1a1	MmuINT0039378	chr11	94809094	94809196	+	0.012581
Col1a1	MmuINT0039379	chr11	94799728	94799817	+	0.013811
Col1a1	MmuINT0039380	chr11	94809305	94809645	+	0.008146
Col1a1	MmuINT0039381	chr11	94809754	94809856	+	0.012471
Col1a1	MmuINT0039382	chr11	94809911	94810019	+	0.01281
Col1a1	MmuINT0039383	chr11	94810128	94810494	+	0.019989
Col1a1	MmuINT0039384	chr11	94810549	94810669	+	0.012077
Col1a1	MmuINT0039385	chr11	94810778	94811033	+	0.023188
Col1a1	MmuINT0039386	chr11	94811088	94811410	+	0.015808
Col1a1	MmuINT0039387	chr11	94811519	94811604	+	0.010123
Col1a1	MmuINT0039388	chr11	94811888	94812022	+	0.005752
Col1a1	MmuINT0039389	chr11	94812214	94812414	+	0.004417
Col1a1	MmuINT0039390	chr11	94799920	94800704	+	0.021571
Col1a1	MmuINT0039391	chr11	94812658	94812786	+	0.005999
Col1a1	MmuINT0039392	chr11	94800774	94801010	+	0.025876
Col1a1	MmuINT0039393	chr11	94801056	94801217	+	0.024433
Col1a1	MmuINT0039394	chr11	94801272	94801431	+	0.02676
Col1a1	MmuINT0039395	chr11	94801486	94801858	+	0.018804
Col1a2	MmuINT0039396	chr6	4455910	4458334	+	0.005764
Col1a2	MmuINT0039397	chr6	4466015	4466391	+	0.019831
Col1a2	MmuINT0039398	chr6	4466446	4466899	+	0.024854
Col1a2	MmuINT0039399	chr6	4466954	4468473	+	0.02193
Col1a2	MmuINT0039400	chr6	4468519	4468790	+	0.016989
Col1a2	MmuINT0039401	chr6	4468845	4468947	+	0.028954
Col1a2	MmuINT0039402	chr6	4468993	4469291	+	0.02943
Col1a2	MmuINT0039403	chr6	4469346	4469829	+	0.021874
Col1a2	MmuINT0039404	chr6	4469929	4470037	+	0.019141
Col1a2	MmuINT0039405	chr6	4470083	4470170	+	0.0207
Col1a2	MmuINT0039406	chr6	4470270	4470595	+	0.019086
Col1a2	MmuINT0039408	chr6	4470650	4470771	+	0.011937
Col1a2	MmuINT0039409	chr6	4470880	4471230	+	0.013672
Col1a2	MmuINT0039410	chr6	4471285	4471395	+	0.013079
Col1a2	MmuINT0039411	chr6	4471495	4472441	+	0.015167
Col1a2	MmuINT0039412	chr6	4472496	4472955	+	0.015758
Col1a2	MmuINT0039413	chr6	4473055	4473593	+	0.01234

Col1a2	MmuINT0039414	chr6	4473648	4474116	+	0.014921
Col1a2	MmuINT0039415	chr6	4474171	4474501	+	0.017692
Col1a2	MmuINT0039416	chr6	4474556	4474875	+	0.016555
Col1a2	MmuINT0039417	chr6	4474930	4475881	+	0.016665
Col1a2	MmuINT0039418	chr6	4458955	4459603	+	0.008506
Col1a2	MmuINT0039419	chr6	4475927	4477054	+	0.010743
Col1a2	MmuINT0039420	chr6	4477154	4478305	+	0.00885
Col1a2	MmuINT0039421	chr6	4478414	4479067	+	0.015499
Col1a2	MmuINT0039422	chr6	4479122	4480171	+	0.033793
Col1a2	MmuINT0039423	chr6	4480226	4480956	+	0.018317
Col1a2	MmuINT0039424	chr6	4481011	4481103	+	0.013224
Col1a2	MmuINT0039425	chr6	4481158	4481237	+	0.009377
Col1a2	MmuINT0039426	chr6	4481346	4481894	+	0.01221
Col1a2	MmuINT0039427	chr6	4481949	4482743	+	0.017072
Col1a2	MmuINT0039428	chr6	4482798	4483741	+	0.009592
Col1a2	MmuINT0039429	chr6	4459640	4460683	+	0.009064
Col1a2	MmuINT0039430	chr6	4483904	4484580	+	0.01377
Col1a2	MmuINT0039431	chr6	4484689	4485380	+	0.030841
Col1a2	MmuINT0039432	chr6	4485489	4485830	+	0.009604
Col1a2	MmuINT0039433	chr6	4485885	4485975	+	0.009756
Col1a2	MmuINT0039434	chr6	4486084	4486207	+	0.013701
Col1a2	MmuINT0039435	chr6	4486262	4486596	+	0.01286
Col1a2	MmuINT0039436	chr6	4486705	4487172	+	0.036137
Col1a2	MmuINT0039437	chr6	4487227	4487349	+	0.008327
Col1a2	MmuINT0039438	chr6	4487458	4487777	+	0.023871
Col1a2	MmuINT0039439	chr6	4488037	4488625	+	0.004411
Col1a2	MmuINT0039440	chr6	4460795	4462360	+	0.015763
Col1a2	MmuINT0039441	chr6	4488811	4489462	+	0.003632
Col1a2	MmuINT0039442	chr6	4489706	4490515	+	0.015161
Col1a2	MmuINT0039443	chr6	4462415	4465209	+	0.025668
Col1a2	MmuINT0039444	chr6	4465255	4465480	+	0.017998
Col1a2	MmuINT0039445	chr6	4465535	4465628	+	0.015272
Col1a2	MmuINT0039446	chr6	4465683	4465960	+	0.016187
Col20a1	MmuINT0039447	chr2	1.81E+08	1.81E+08	+	0.901413
Col20a1	MmuINT0039460	chr2	1.81E+08	1.81E+08	+	0.665843
Col20a1	MmuINT0039475	chr2	1.81E+08	1.81E+08	+	0.133549
Col27a1	MmuINT0039725	chr4	62986246	62987157	+	0.062654
Col27a1	MmuINT0039728	chr4	62989738	62990831	+	0.058885
Col27a1	MmuINT0039729	chr4	62990942	62992315	+	0.165235
Col3a1	MmuINT0039823	chr1	45368678	45378341	+	0.006069
Col3a1	MmuINT0039824	chr1	45384709	45385277	+	0.011609
Col3a1	MmuINT0039825	chr1	45385332	45385721	+	0.012957
Col3a1	MmuINT0039826	chr1	45385767	45385897	+	0.014462
Col3a1	MmuINT0039827	chr1	45385952	45386947	+	0.020688
Col3a1	MmuINT0039828	chr1	45386993	45387399	+	0.023586
Col3a1	MmuINT0039829	chr1	45387454	45387950	+	0.010148
Col3a1	MmuINT0039830	chr1	45388050	45388361	+	0.010171
Col3a1	MmuINT0039831	chr1	45388407	45388522	+	0.010433
Col3a1	MmuINT0039832	chr1	45388622	45388817	+	0.007154
Col3a1	MmuINT0039833	chr1	45388872	45388979	+	0.006011



Col3a1	MmuINT0039834	chr1	45378542	45378786	+	0.008109
Col3a1	MmuINT0039835	chr1	45389088	45389809	+	0.006826
Col3a1	MmuINT0039836	chr1	45389864	45390407	+	0.00882
Col3a1	MmuINT0039837	chr1	45390507	45390851	+	0.011076
Col3a1	MmuINT0039838	chr1	45390906	45391058	+	0.028904
Col3a1	MmuINT0039839	chr1	45391158	45391441	+	0.006431
Col3a1	MmuINT0039840	chr1	45391496	45391605	+	0.006765
Col3a1	MmuINT0039841	chr1	45391660	45391979	+	0.020378
Col3a1	MmuINT0039842	chr1	45392034	45392572	+	0.012864
Col3a1	MmuINT0039843	chr1	45392627	45393504	+	0.008522
Col3a1	MmuINT0039844	chr1	45393550	45394085	+	0.007376
Col3a1	MmuINT0039845	chr1	45378838	45379250	+	0.01014
Col3a1	MmuINT0039846	chr1	45394185	45394270	+	0.007507
Col3a1	MmuINT0039847	chr1	45394379	45394802	+	0.008114
Col3a1	MmuINT0039848	chr1	45394857	45395418	+	0.010929
Col3a1	MmuINT0039849	chr1	45395473	45395554	+	0.009523
Col3a1	MmuINT0039850	chr1	45395609	45396203	+	0.009477
Col3a1	MmuINT0039851	chr1	45396258	45396718	+	0.008836
Col3a1	MmuINT0039852	chr1	45396827	45397099	+	0.009081
Col3a1	MmuINT0039853	chr1	45397154	45397474	+	0.014559
Col3a1	MmuINT0039854	chr1	45397529	45397710	+	0.006332
Col3a1	MmuINT0039855	chr1	45397873	45397982	+	0.0043
Col3a1	MmuINT0039856	chr1	45379365	45380567	+	0.008299
Col3a1	MmuINT0039857	chr1	45398091	45398967	+	0.004458
Col3a1	MmuINT0039858	chr1	45399076	45400100	+	0.008805
Col3a1	MmuINT0039859	chr1	45400155	45400238	+	0.00715
Col3a1	MmuINT0039860	chr1	45400347	45400810	+	0.023497
Col3a1	MmuINT0039861	chr1	45400865	45401303	+	0.010488
Col3a1	MmuINT0039862	chr1	45401412	45401641	+	0.009206
Col3a1	MmuINT0039863	chr1	45401696	45401796	+	0.005
Col3a1	MmuINT0039864	chr1	45401905	45402692	+	0.010362
Col3a1	MmuINT0039865	chr1	45402988	45403964	+	0.002819
Col3a1	MmuINT0039866	chr1	45404153	45404480	+	0.002377
Col3a1	MmuINT0039867	chr1	45380643	45382204	+	0.023705
Col3a1	MmuINT0039868	chr1	45404724	45405445	+	0.005754
Col3a1	MmuINT0039869	chr1	45382259	45382649	+	0.01955
Col3a1	MmuINT0039870	chr1	45382704	45383415	+	0.011482
Col3a1	MmuINT0039871	chr1	45383470	45384433	+	0.011837
Col3a1	MmuINT0039872	chr1	45384488	45384654	+	0.010504
Col4a1	MmuINT0039874	chr8	11242818	11244340	-	0.006988
Col4a1	MmuINT0039875	chr8	11242215	11242781	-	0.00451
Col4a1	MmuINT0039876	chr8	11241209	11242172	-	0.003555
Col4a1	MmuINT0039877	chr8	11240068	11241121	-	0.002205
Col4a1	MmuINT0039878	chr8	11239878	11240040	-	0.003181
Col4a1	MmuINT0039879	chr8	11239179	11239826	-	0.003706
Col4a1	MmuINT0039880	chr8	11239052	11239133	-	0.005273
Col4a1	MmuINT0039881	chr8	11237887	11238997	-	0.003481
Col4a1	MmuINT0039882	chr8	11236511	11237844	-	0.019184
Col4a1	MmuINT0039883	chr8	11236088	11236425	-	0.003236
Col4a1	MmuINT0039884	chr8	11247096	11267596	-	0.003543

Col4a1	MmuINT0039885	chr8	11235260	11236051	-	0.00221
Col4a1	MmuINT0039886	chr8	11233924	11235094	-	0.002281
Col4a1	MmuINT0039887	chr8	11232031	11233827	-	0.002572
Col4a1	MmuINT0039888	chr8	11231469	11231946	-	0.00265
Col4a1	MmuINT0039889	chr8	11227142	11231397	-	0.003179
Col4a1	MmuINT0039890	chr8	11226494	11226949	-	0.002213
Col4a1	MmuINT0039891	chr8	11223669	11226324	-	0.004566
Col4a1	MmuINT0039892	chr8	11223104	11223575	-	0.002181
Col4a1	MmuINT0039893	chr8	11222294	11222998	-	0.001607
Col4a1	MmuINT0039894	chr8	11221440	11222195	-	0.009676
Col4a1	MmuINT0039895	chr8	11246908	11247005	-	0.005087
Col4a1	MmuINT0039896	chr8	11221096	11221288	-	0.002561
Col4a1	MmuINT0039897	chr8	11220377	11220981	-	0.002338
Col4a1	MmuINT0039898	chr8	11220077	11220208	-	0.00154
Col4a1	MmuINT0039899	chr8	11219233	11219986	-	0.002581
Col4a1	MmuINT0039900	chr8	11218968	11219079	-	0.001586
Col4a1	MmuINT0039901	chr8	11218771	11218868	-	0.002596
Col4a1	MmuINT0039902	chr8	11218053	11218680	-	0.001726
Col4a1	MmuINT0039903	chr8	11217561	11217912	-	0.002437
Col4a1	MmuINT0039904	chr8	11217346	11217433	-	0.002024
Col4a1	MmuINT0039905	chr8	11216800	11217264	-	0.001932
Col4a1	MmuINT0039906	chr8	11245938	11246862	-	0.004479
Col4a1	MmuINT0039907	chr8	11214703	11216700	-	0.003865
Col4a1	MmuINT0039908	chr8	11213690	11214651	-	0.003121
Col4a1	MmuINT0039909	chr8	11212736	11213503	-	0.001652
Col4a1	MmuINT0039910	chr8	11211837	11212601	-	0.003233
Col4a1	MmuINT0039911	chr8	11210832	11211763	-	0.005466
Col4a1	MmuINT0039912	chr8	11209651	11210759	-	0.003169
Col4a1	MmuINT0039913	chr8	11208332	11209521	-	0.004705
Col4a1	MmuINT0039914	chr8	11207407	11208232	-	0.002565
Col4a1	MmuINT0039915	chr8	11206404	11207193	-	0.00127
Col4a1	MmuINT0039916	chr8	11203009	11206225	-	0.007618
Col4a1	MmuINT0039917	chr8	11245800	11245892	-	0.003782
Col4a1	MmuINT0039918	chr8	11201831	11202893	-	0.002609
Col4a1	MmuINT0039919	chr8	11199883	11201657	-	0.004803
Col4a1	MmuINT0039920	chr8	11245265	11245736	-	0.004451
Col4a1	MmuINT0039921	chr8	11245085	11245210	-	0.003803
Col4a1	MmuINT0039922	chr8	11244570	11245057	-	0.002901
Col4a1	MmuINT0039923	chr8	11244404	11244485	-	0.007703
Col4a2	MmuINT0039924	chr8	11313115	11313418	+	0.00785
Col4a2	MmuINT0039925	chr8	11403405	11404963	+	0.004518
Col4a2	MmuINT0039926	chr8	11405000	11406812	+	0.004607
Col4a2	MmuINT0039927	chr8	11406855	11408051	+	0.00474
Col4a2	MmuINT0039928	chr8	11408145	11408881	+	0.003031
Col4a2	MmuINT0039929	chr8	11408918	11409421	+	0.019518
Col4a2	MmuINT0039930	chr8	11409473	11410054	+	0.004093
Col4a2	MmuINT0039931	chr8	11410100	11413978	+	0.004749
Col4a2	MmuINT0039932	chr8	11414033	11414741	+	0.008228
Col4a2	MmuINT0039933	chr8	11414809	11415363	+	0.00571
Col4a2	MmuINT0039934	chr8	11415475	11415925	+	0.00352

Col4a2	MmuINT0039935	chr8	11313508	11313629	+	0.004095
Col4a2	MmuINT0039936	chr8	11416076	11420576	+	0.002225
Col4a2	MmuINT0039937	chr8	11420670	11421167	+	0.002663
Col4a2	MmuINT0039938	chr8	11421323	11423551	+	0.003435
Col4a2	MmuINT0039939	chr8	11423625	11423716	+	0.002566
Col4a2	MmuINT0039940	chr8	11423824	11425338	+	0.010116
Col4a2	MmuINT0039941	chr8	11425541	11425928	+	0.002329
Col4a2	MmuINT0039942	chr8	11425989	11427006	+	0.027433
Col4a2	MmuINT0039943	chr8	11427064	11427552	+	0.004312
Col4a2	MmuINT0039944	chr8	11427661	11429306	+	0.00239
Col4a2	MmuINT0039945	chr8	11429529	11431239	+	0.002037
Col4a2	MmuINT0039946	chr8	11313685	11354276	+	0.003166
Col4a2	MmuINT0039947	chr8	11431402	11433653	+	0.002982
Col4a2	MmuINT0039948	chr8	11433825	11434627	+	0.007095
Col4a2	MmuINT0039949	chr8	11434772	11437586	+	0.002355
Col4a2	MmuINT0039950	chr8	11437710	11437923	+	0.002873
Col4a2	MmuINT0039951	chr8	11438106	11438353	+	0.002583
Col4a2	MmuINT0039952	chr8	11438418	11438554	+	0.006491
Col4a2	MmuINT0039953	chr8	11438630	11438946	+	0.011889
Col4a2	MmuINT0039954	chr8	11439055	11439305	+	0.004941
Col4a2	MmuINT0039955	chr8	11439414	11440378	+	0.005282
Col4a2	MmuINT0039956	chr8	11440451	11441221	+	0.007858
Col4a2	MmuINT0039957	chr8	11354358	11398661	+	0.004681
Col4a2	MmuINT0039958	chr8	11441348	11441879	+	0.005074
Col4a2	MmuINT0039959	chr8	11441997	11443070	+	0.001825
Col4a2	MmuINT0039960	chr8	11443233	11443316	+	0.00208
Col4a2	MmuINT0039961	chr8	11443416	11443555	+	0.002954
Col4a2	MmuINT0039962	chr8	11443703	11443830	+	0.001957
Col4a2	MmuINT0039963	chr8	11443948	11444930	+	0.006326
Col4a2	MmuINT0039964	chr8	11445123	11445959	+	0.011492
Col4a2	MmuINT0039965	chr8	11446247	11448058	+	0.011496
Col4a2	MmuINT0039966	chr8	11398797	11399703	+	0.003205
Col4a2	MmuINT0039967	chr8	11399749	11401147	+	0.003875
Col4a2	MmuINT0039968	chr8	11401265	11402162	+	0.005322
Col4a2	MmuINT0039969	chr8	11402235	11402983	+	0.008323
Col4a2	MmuINT0039970	chr8	11403020	11403341	+	0.005893
Col4a3bp	MmuINT0040022	chr13	97313215	97319151	+	0.015703
Col4a3bp	MmuINT0040023	chr13	97386505	97394649	+	0.040816
Col4a3bp	MmuINT0040024	chr13	97394746	97398967	+	0.009108
Col4a3bp	MmuINT0040025	chr13	97399101	97400715	+	0.014808
Col4a3bp	MmuINT0040026	chr13	97400787	97404027	+	0.008257
Col4a3bp	MmuINT0040027	chr13	97404157	97404808	+	0.006997
Col4a3bp	MmuINT0040028	chr13	97404939	97405704	+	0.01266
Col4a3bp	MmuINT0040029	chr13	97405842	97407072	+	0.02039
Col4a3bp	MmuINT0040030	chr13	97319287	97341865	+	0.009775
Col4a3bp	MmuINT0040031	chr13	97341983	97368159	+	0.010391
Col4a3bp	MmuINT0040032	chr13	97368268	97369344	+	0.008289
Col4a3bp	MmuINT0040033	chr13	97369484	97373027	+	0.011903
Col4a3bp	MmuINT0040034	chr13	97373112	97379728	+	0.009793
Col4a3bp	MmuINT0040035	chr13	97379887	97382215	+	0.064963

Col4a3bp	MmuINT0040036	chr13	97382309	97384728	+	0.014012
Col4a3bp	MmuINT0040037	chr13	97384816	97386411	+	0.00769
Col4a5	MmuINT0040087	chrX	1.38E+08	1.38E+08	+	0.983378
Col4a5	MmuINT0040088	chrX	1.38E+08	1.38E+08	+	0.042399
Col4a5	MmuINT0040089	chrX	1.38E+08	1.38E+08	+	0.025066
Col4a5	MmuINT0040090	chrX	1.38E+08	1.38E+08	+	0.018301
Col4a5	MmuINT0040091	chrX	1.38E+08	1.38E+08	+	0.020591
Col4a5	MmuINT0040092	chrX	1.38E+08	1.38E+08	+	0.020793
Col4a5	MmuINT0040093	chrX	1.38E+08	1.38E+08	+	0.015758
Col4a5	MmuINT0040094	chrX	1.38E+08	1.38E+08	+	0.025537
Col4a5	MmuINT0040095	chrX	1.38E+08	1.38E+08	+	0.020091
Col4a5	MmuINT0040096	chrX	1.38E+08	1.38E+08	+	0.023674
Col4a5	MmuINT0040097	chrX	1.38E+08	1.38E+08	+	0.016498
Col4a5	MmuINT0040098	chrX	1.38E+08	1.38E+08	+	0.008477
Col4a5	MmuINT0040099	chrX	1.38E+08	1.38E+08	+	0.009737
Col4a5	MmuINT0040100	chrX	1.38E+08	1.38E+08	+	0.010523
Col4a5	MmuINT0040101	chrX	1.38E+08	1.38E+08	+	0.017849
Col4a5	MmuINT0040102	chrX	1.38E+08	1.38E+08	+	0.027802
Col4a5	MmuINT0040103	chrX	1.38E+08	1.38E+08	+	0.012078
Col4a5	MmuINT0040104	chrX	1.38E+08	1.38E+08	+	0.052363
Col4a5	MmuINT0040105	chrX	1.38E+08	1.38E+08	+	0.037554
Col4a5	MmuINT0040106	chrX	1.38E+08	1.38E+08	+	0.022787
Col4a5	MmuINT0040107	chrX	1.38E+08	1.38E+08	+	0.013427
Col4a5	MmuINT0040108	chrX	1.38E+08	1.38E+08	+	0.016306
Col4a5	MmuINT0040109	chrX	1.38E+08	1.38E+08	+	0.015401
Col4a5	MmuINT0040110	chrX	1.38E+08	1.38E+08	+	0.009869
Col4a5	MmuINT0040111	chrX	1.38E+08	1.38E+08	+	0.008262
Col4a5	MmuINT0040112	chrX	1.38E+08	1.38E+08	+	0.010362
Col4a5	MmuINT0040113	chrX	1.38E+08	1.38E+08	+	0.017743
Col4a5	MmuINT0040114	chrX	1.38E+08	1.38E+08	+	0.021401
Col4a5	MmuINT0040115	chrX	1.38E+08	1.38E+08	+	0.012058
Col4a5	MmuINT0040116	chrX	1.38E+08	1.38E+08	+	0.009536
Col4a5	MmuINT0040117	chrX	1.38E+08	1.38E+08	+	0.008604
Col4a5	MmuINT0040118	chrX	1.38E+08	1.38E+08	+	0.014001
Col4a5	MmuINT0040119	chrX	1.38E+08	1.38E+08	+	0.012456
Col4a5	MmuINT0040120	chrX	1.38E+08	1.38E+08	+	0.023676
Col4a5	MmuINT0040121	chrX	1.38E+08	1.38E+08	+	0.0203
Col4a5	MmuINT0040122	chrX	1.38E+08	1.38E+08	+	0.014733
Col4a5	MmuINT0040124	chrX	1.38E+08	1.38E+08	+	0.012495
Col4a5	MmuINT0040125	chrX	1.38E+08	1.38E+08	+	0.020191
Col4a5	MmuINT0040126	chrX	1.38E+08	1.38E+08	+	0.012994
Col4a5	MmuINT0040127	chrX	1.38E+08	1.38E+08	+	0.010568
Col4a5	MmuINT0040128	chrX	1.38E+08	1.38E+08	+	0.008582
Col4a5	MmuINT0040129	chrX	1.38E+08	1.38E+08	+	0.007634
Col4a5	MmuINT0040130	chrX	1.38E+08	1.38E+08	+	0.007565
Col4a5	MmuINT0040131	chrX	1.38E+08	1.38E+08	+	0.023613
Col4a5	MmuINT0040132	chrX	1.38E+08	1.38E+08	+	0.012143
Col4a5	MmuINT0040133	chrX	1.38E+08	1.38E+08	+	0.00825
Col4a5	MmuINT0040134	chrX	1.38E+08	1.38E+08	+	0.015518
Col4a5	MmuINT0040135	chrX	1.38E+08	1.38E+08	+	0.019498

Col4a5	MmuINT0040136	chrX	1.38E+08	1.38E+08	+	0.019969
Col4a5	MmuINT0040137	chrX	1.38E+08	1.38E+08	+	0.02004
Col5a1	MmuINT0040182	chr2	27742445	27777536	+	0.05559
Col5a1	MmuINT0040184	chr2	27814068	27815906	+	0.045678
Col5a1	MmuINT0040185	chr2	27815982	27817581	+	0.053729
Col5a1	MmuINT0040186	chr2	27817675	27819587	+	0.033475
Col5a1	MmuINT0040187	chr2	27819645	27820770	+	0.029589
Col5a1	MmuINT0040188	chr2	27820825	27821116	+	0.044935
Col5a1	MmuINT0040189	chr2	27821171	27822449	+	0.0402
Col5a1	MmuINT0040190	chr2	27822504	27823658	+	0.047873
Col5a1	MmuINT0040191	chr2	27823713	27825264	+	0.045526
Col5a1	MmuINT0040192	chr2	27825319	27826966	+	0.068718
Col5a1	MmuINT0040193	chr2	27777705	27783561	+	0.024576
Col5a1	MmuINT0040194	chr2	27827012	27828667	+	0.03407
Col5a1	MmuINT0040195	chr2	27828722	27829387	+	0.041797
Col5a1	MmuINT0040196	chr2	27829433	27829963	+	0.044172
Col5a1	MmuINT0040197	chr2	27830018	27830212	+	0.060368
Col5a1	MmuINT0040198	chr2	27830258	27831074	+	0.064655
Col5a1	MmuINT0040199	chr2	27831129	27835991	+	0.060562
Col5a1	MmuINT0040200	chr2	27836037	27836556	+	0.042144
Col5a1	MmuINT0040201	chr2	27836611	27840568	+	0.045454
Col5a1	MmuINT0040203	chr2	27842295	27844658	+	0.037695
Col5a1	MmuINT0040204	chr2	27783776	27784898	+	0.024114
Col5a1	MmuINT0040205	chr2	27844767	27845557	+	0.037928
Col5a1	MmuINT0040206	chr2	27845612	27847513	+	0.036225
Col5a1	MmuINT0040207	chr2	27847568	27851225	+	0.049888
Col5a1	MmuINT0040208	chr2	27851271	27851380	+	0.040228
Col5a1	MmuINT0040209	chr2	27851435	27852388	+	0.049898
Col5a1	MmuINT0040210	chr2	27852434	27853082	+	0.031168
Col5a1	MmuINT0040211	chr2	27853137	27854245	+	0.037531
Col5a1	MmuINT0040212	chr2	27854300	27857089	+	0.039466
Col5a1	MmuINT0040213	chr2	27857144	27858002	+	0.043824
Col5a1	MmuINT0040214	chr2	27858111	27859380	+	0.039983
Col5a1	MmuINT0040215	chr2	27785062	27805146	+	0.03183
Col5a1	MmuINT0040216	chr2	27859471	27859561	+	0.040622
Col5a1	MmuINT0040217	chr2	27859616	27860698	+	0.040929
Col5a1	MmuINT0040218	chr2	27860807	27863267	+	0.028748
Col5a1	MmuINT0040219	chr2	27863376	27864627	+	0.024677
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Col5a1	MmuINT0040221	chr2	27865598	27865689	+	0.023479
Col5a1	MmuINT0040222	chr2	27865798	27866604	+	0.022447
Col5a1	MmuINT0040223	chr2	27866659	27866761	+	0.018303
Col5a1	MmuINT0040224	chr2	27866870	27868194	+	0.043175
Col5a1	MmuINT0040225	chr2	27868249	27868979	+	0.040136
Col5a1	MmuINT0040226	chr2	27805279	27806146	+	0.023008
Col5a1	MmuINT0040227	chr2	27869088	27869626	+	0.03323
Col5a1	MmuINT0040228	chr2	27869681	27869889	+	0.04219
Col5a1	MmuINT0040229	chr2	27869944	27871373	+	0.069809
Col5a1	MmuINT0040230	chr2	27871428	27871958	+	0.042415
Col5a1	MmuINT0040231	chr2	27872013	27872614	+	0.045617

Col5a1	MmuINT0040232	chr2	27872723	27872800	+	0.034079
Col5a1	MmuINT0040233	chr2	27872855	27872945	+	0.033758
Col5a1	MmuINT0040234	chr2	27873000	27873960	+	0.025188
Col5a1	MmuINT0040235	chr2	27874069	27875456	+	0.034196
Col5a1	MmuINT0040236	chr2	27875511	27876287	+	0.035932
Col5a1	MmuINT0040237	chr2	27806279	27806806	+	0.026082
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Col5a1	MmuINT0040239	chr2	27877855	27880124	+	0.026298
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Col5a1	MmuINT0040241	chr2	27881226	27884486	+	0.114801
Col5a1	MmuINT0040242	chr2	27884556	27888110	+	0.088663
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Col5a2	MmuINT0040247	chr1	45499714	45559665	-	0.025923
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Col5a2	MmuINT0040252	chr1	45473817	45474432	-	0.072069
Col5a2	MmuINT0040253	chr1	45471647	45473771	-	0.062273
Col5a2	MmuINT0040255	chr1	45468333	45470314	-	0.05644
Col5a2	MmuINT0040256	chr1	45464646	45468278	-	0.051793
Col5a2	MmuINT0040257	chr1	45464123	45464546	-	0.059977
Col5a2	MmuINT0040258	chr1	45495729	45499491	-	0.016552
Col5a2	MmuINT0040259	chr1	45463966	45464077	-	0.047214
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Col5a2	MmuINT0040261	chr1	45463193	45463388	-	0.030049
Col5a2	MmuINT0040262	chr1	45462139	45463084	-	0.105896
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Col5a2	MmuINT0040265	chr1	45460365	45461045	-	0.040196
Col5a2	MmuINT0040266	chr1	45460159	45460265	-	0.037842
Col5a2	MmuINT0040267	chr1	45460015	45460104	-	0.04041
Col5a2	MmuINT0040268	chr1	45458978	45459960	-	0.049771
Col5a2	MmuINT0040270	chr1	45457720	45458923	-	0.058617
Col5a2	MmuINT0040271	chr1	45453340	45457665	-	0.051941
Col5a2	MmuINT0040272	chr1	45453005	45453294	-	0.044472
Col5a2	MmuINT0040273	chr1	45451674	45452905	-	0.028939
Col5a2	MmuINT0040274	chr1	45451281	45451565	-	0.036281
Col5a2	MmuINT0040276	chr1	45449714	45449897	-	0.050928
Col5a2	MmuINT0040277	chr1	45449203	45449659	-	0.056932
Col5a2	MmuINT0040278	chr1	45448777	45449148	-	0.047614
Col5a2	MmuINT0040279	chr1	45448561	45448668	-	0.053628
Col5a2	MmuINT0040280	chr1	45493257	45494308	-	0.040796
Col5a2	MmuINT0040281	chr1	45447975	45448506	-	0.046127
Col5a2	MmuINT0040282	chr1	45447039	45447920	-	0.078848
Col5a2	MmuINT0040283	chr1	45446325	45446876	-	0.030393
Col5a2	MmuINT0040284	chr1	45445166	45446216	-	0.035906
Col5a2	MmuINT0040285	chr1	45443732	45445057	-	0.052932

Col5a2	MmuINT0040287	chr1	45441299	45441806	-	0.036732
Col5a2	MmuINT0040288	chr1	45440544	45441244	-	0.048876
Col5a2	MmuINT0040289	chr1	45440066	45440435	-	0.039182
Col5a2	MmuINT0040290	chr1	45439069	45440011	-	0.032523
Col5a2	MmuINT0040291	chr1	45491791	45493223	-	0.058717
Col5a2	MmuINT0040292	chr1	45437137	45438960	-	0.027661
Col5a2	MmuINT0040293	chr1	45435340	45436844	-	0.023874
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Col5a2	MmuINT0040295	chr1	45433076	45433483	-	0.015429
Col5a2	MmuINT0040296	chr1	45486854	45491736	-	0.037487
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Col5a3	MmuINT0040300	chr9	20614546	20619309	-	0.025593
Col5a3	MmuINT0040302	chr9	20606463	20606901	-	0.064254
Col5a3	MmuINT0040303	chr9	20606295	20606387	-	0.04866
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Col5a3	MmuINT0040306	chr9	20604741	20605511	-	0.049918
Col5a3	MmuINT0040307	chr9	20603907	20604686	-	0.045667
Col5a3	MmuINT0040311	chr9	20614299	20614383	-	0.029328
Col5a3	MmuINT0040313	chr9	20602063	20602861	-	0.084699
Col5a3	MmuINT0040314	chr9	20601881	20602017	-	0.046498
Col5a3	MmuINT0040315	chr9	20601711	20601826	-	0.076155
Col5a3	MmuINT0040316	chr9	20600448	20601665	-	0.129769
Col5a3	MmuINT0040317	chr9	20600299	20600393	-	0.047931
Col5a3	MmuINT0040318	chr9	20600155	20600253	-	0.04878
Col5a3	MmuINT0040319	chr9	20598436	20600100	-	0.052648
Col5a3	MmuINT0040320	chr9	20598209	20598390	-	0.043601
Col5a3	MmuINT0040321	chr9	20598062	20598154	-	0.024573
Col5a3	MmuINT0040323	chr9	20597143	20597953	-	0.044978
Col5a3	MmuINT0040324	chr9	20593049	20597088	-	0.05008
Col5a3	MmuINT0040325	chr9	20592020	20592994	-	0.0556
Col5a3	MmuINT0040326	chr9	20591759	20591974	-	0.062489
Col5a3	MmuINT0040327	chr9	20591579	20591704	-	0.038552
Col5a3	MmuINT0040329	chr9	20590697	20590794	-	0.044051
Col5a3	MmuINT0040330	chr9	20590071	20590642	-	0.054225
Col5a3	MmuINT0040331	chr9	20589925	20590016	-	0.069837
Col5a3	MmuINT0040332	chr9	20589680	20589816	-	0.04477
Col5a3	MmuINT0040333	chr9	20612909	20613883	-	0.037239
Col5a3	MmuINT0040334	chr9	20589167	20589589	-	0.044627
Col5a3	MmuINT0040335	chr9	20588036	20589112	-	0.029512
Col5a3	MmuINT0040336	chr9	20587177	20587927	-	0.139559
Col5a3	MmuINT0040337	chr9	20586985	20587068	-	0.033811
Col5a3	MmuINT0040338	chr9	20586306	20586930	-	0.074054
Col5a3	MmuINT0040339	chr9	20584453	20586251	-	0.102554
Col5a3	MmuINT0040340	chr9	20583514	20584344	-	0.045039
Col5a3	MmuINT0040341	chr9	20583299	20583459	-	0.041794
Col5a3	MmuINT0040342	chr9	20583163	20583244	-	0.038333
Col5a3	MmuINT0040343	chr9	20582975	20583108	-	0.059208
Col5a3	MmuINT0040344	chr9	20612199	20612803	-	0.027327

Col5a3	MmuINT0040345	chr9	20581544	20582920	-	0.038914
Col5a3	MmuINT0040346	chr9	20580811	20581435	-	0.075116
Col5a3	MmuINT0040347	chr9	20580590	20580756	-	0.048143
Col5a3	MmuINT0040348	chr9	20580332	20580535	-	0.064044
Col5a3	MmuINT0040349	chr9	20579964	20580277	-	0.046921
Col5a3	MmuINT0040350	chr9	20579785	20579909	-	0.056786
Col5a3	MmuINT0040351	chr9	20579529	20579676	-	0.040454
Col5a3	MmuINT0040352	chr9	20579059	20579474	-	0.069404
Col5a3	MmuINT0040353	chr9	20578868	20579004	-	0.064265
Col5a3	MmuINT0040354	chr9	20578512	20578759	-	0.060948
Col5a3	MmuINT0040355	chr9	20609428	20612048	-	0.022373
Col5a3	MmuINT0040356	chr9	20578374	20578457	-	0.09419
Col5a3	MmuINT0040357	chr9	20577583	20578337	-	0.116884
Col5a3	MmuINT0040358	chr9	20576948	20577528	-	0.064437
Col5a3	MmuINT0040359	chr9	20576665	20576748	-	0.021418
Col5a3	MmuINT0040360	chr9	20576100	20576551	-	0.051299
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Col5a3	MmuINT0040362	chr9	20575423	20575514	-	0.023648
Col5a3	MmuINT0040363	chr9	20609222	20609313	-	0.024189
Col5a3	MmuINT0040364	chr9	20607612	20609080	-	0.030162
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Col6a1	MmuINT0040372	chr10	76180208	76180539	-	0.040721
Col6a1	MmuINT0040373	chr10	76180061	76180144	-	0.022359
Col6a1	MmuINT0040374	chr10	76179910	76180006	-	0.018256
Col6a1	MmuINT0040375	chr10	76179527	76179873	-	0.02068
Col6a1	MmuINT0040376	chr10	76179069	76179463	-	0.022591
Col6a1	MmuINT0040377	chr10	76186322	76187683	-	0.010772
Col6a1	MmuINT0040378	chr10	76178079	76179005	-	0.023935
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Col6a1	MmuINT0040380	chr10	76177454	76177739	-	0.026263
Col6a1	MmuINT0040381	chr10	76177195	76177402	-	0.019799
Col6a1	MmuINT0040382	chr10	76176922	76177158	-	0.026671
Col6a1	MmuINT0040383	chr10	76176684	76176858	-	0.02237
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Col6a1	MmuINT0040387	chr10	76175147	76175609	-	0.038017
Col6a1	MmuINT0040388	chr10	76184721	76186120	-	0.008573
Col6a1	MmuINT0040389	chr10	76174430	76175012	-	0.027404
Col6a1	MmuINT0040390	chr10	76174212	76174319	-	0.005985
Col6a1	MmuINT0040391	chr10	76173885	76174027	-	0.006142
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Col6a1	MmuINT0040395	chr10	76184029	76184147	-	0.006522
Col6a1	MmuINT0040397	chr10	76183751	76183832	-	0.01728



Col6a1	MmuINT0040398	chr10	76182422	76183705	-	0.018862
Col6a1	MmuINT0040399	chr10	76181915	76182367	-	0.022941
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Col6a2	MmuINT0040403	chr10	76072328	76072904	-	0.012704
Col6a2	MmuINT0040404	chr10	76072092	76072264	-	0.010781
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Col6a2	MmuINT0040411	chr10	76077681	76077790	-	0.007884
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Col6a2	MmuINT0040418	chr10	76066113	76066206	-	0.005694
Col6a2	MmuINT0040419	chr10	76059557	76066073	-	0.055085
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Col6a2	MmuINT0040422	chr10	76074747	76075999	-	0.0127
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Col8a1	MmuINT0040616	chr16	57678569	57754752	-	0.053709
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Col8a1	MmuINT0040618	chr16	57628931	57632423	-	0.051612
Colec11	MmuINT0040727	chr12	29297800	29302270	-	0.031491
Colec12	MmuINT0040732	chr18	9707758	9720918	+	0.03348
Colec12	MmuINT0040734	chr18	9840360	9846784	+	0.018196
Colec12	MmuINT0040736	chr18	9849149	9858543	+	0.011215
Colec12	MmuINT0040737	chr18	9859033	9859835	+	0.029866
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Colec12	MmuINT0040739	chr18	9866852	9874786	+	0.018384
Colec12	MmuINT0040740	chr18	9874933	9876985	+	0.014563
Commd1	MmuINT0040757	chr11	22856693	22882078	-	0.002919
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Commd10	MmuINT0040759	chr18	47118583	47120069	+	0.026625
Commd10	MmuINT0040760	chr18	47120161	47123313	+	0.092962
Commd10	MmuINT0040761	chr18	47123425	47127393	+	0.011615
Commd10	MmuINT0040762	chr18	47127550	47150132	+	0.011933
Commd10	MmuINT0040763	chr18	47150244	47245905	+	0.013453
Commd10	MmuINT0040764	chr18	47245966	47246681	+	0.014775
Commd2	MmuINT0040765	chr3	57455422	57455508	-	0.020151
Commd2	MmuINT0040767	chr3	57454138	57454612	-	0.026726

Commd2	MmuINT0040768	chr3	57450799	57453963	-	0.016349
Commd3	MmuINT0040769	chr2	18594231	18595521	+	0.010414
Commd3	MmuINT0040770	chr2	18595634	18595751	+	0.020452
Commd3	MmuINT0040771	chr2	18595816	18595907	+	0.055937
Commd3	MmuINT0040772	chr2	18595943	18596282	+	0.06133
Commd3	MmuINT0040773	chr2	18596344	18596435	+	0.01392
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Commd4	MmuINT0040776	chr9	57004946	57006078	-	0.086687
Commd4	MmuINT0040777	chr9	57004648	57004873	-	0.091478
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Commd4	MmuINT0040780	chr9	57003790	57003978	-	0.054188
Commd4	MmuINT0040781	chr9	57003396	57003708	-	0.018897
Commd4	MmuINT0040782	chr9	57003088	57003218	-	0.00705
Commd5	MmuINT0040783	chr15	76730423	76730781	+	0.032998
Commd6	MmuINT0040784	chr14	1.02E+08	1.02E+08	-	0.027903
Commd6	MmuINT0040785	chr14	1.02E+08	1.02E+08	-	0.009818
Commd6	MmuINT0040786	chr14	1.02E+08	1.02E+08	-	0.011618
Commd7	MmuINT0040790	chr2	1.53E+08	1.53E+08	-	0.021629
Commd7	MmuINT0040791	chr2	1.53E+08	1.53E+08	-	0.023749
Commd7	MmuINT0040792	chr2	1.53E+08	1.53E+08	-	0.018155
Commd7	MmuINT0040793	chr2	1.53E+08	1.53E+08	-	0.020965
Commd7	MmuINT0040794	chr2	1.53E+08	1.53E+08	-	0.011982
Commd7	MmuINT0040795	chr2	1.53E+08	1.53E+08	-	0.030548
Commd7	MmuINT0040796	chr2	1.53E+08	1.53E+08	-	0.096746
Commd8	MmuINT0040798	chr5	72556746	72559317	-	0.018138
Commd8	MmuINT0040799	chr5	72554114	72556589	-	0.009829
Commd8	MmuINT0040800	chr5	72552303	72553960	-	0.019803
Commd8	MmuINT0040801	chr5	72551133	72552146	-	0.006132
Commd9	MmuINT0040802	chr2	1.02E+08	1.02E+08	+	0.009053
Commd9	MmuINT0040803	chr2	1.02E+08	1.02E+08	+	0.020981
Commd9	MmuINT0040804	chr2	1.02E+08	1.02E+08	+	0.016687
Commd9	MmuINT0040806	chr2	1.02E+08	1.02E+08	+	0.002863
Comtd1	MmuINT0040832	chr14	22667891	22668000	-	0.041685
Comtd1	MmuINT0040833	chr14	22667538	22667762	-	0.052977
Comtd1	MmuINT0040834	chr14	22667343	22667431	-	0.005074
Comtd1	MmuINT0040835	chr14	22667150	22667223	-	0.07137
Comtd1	MmuINT0040836	chr14	22666970	22667094	-	0.094958
Comtd1	MmuINT0040837	chr14	22666650	22666835	-	0.048569
Copa	MmuINT0040838	chr1	1.74E+08	1.74E+08	+	0.003411
Copa	MmuINT0040839	chr1	1.74E+08	1.74E+08	+	0.004462
Copa	MmuINT0040840	chr1	1.74E+08	1.74E+08	+	0.012798
Copa	MmuINT0040841	chr1	1.74E+08	1.74E+08	+	0.00426
Copa	MmuINT0040842	chr1	1.74E+08	1.74E+08	+	0.010703
Copa	MmuINT0040843	chr1	1.74E+08	1.74E+08	+	0.009698
Copa	MmuINT0040844	chr1	1.74E+08	1.74E+08	+	0.021907
Copa	MmuINT0040845	chr1	1.74E+08	1.74E+08	+	0.012253
Copa	MmuINT0040846	chr1	1.74E+08	1.74E+08	+	0.009415
Copa	MmuINT0040847	chr1	1.74E+08	1.74E+08	+	0.002617

Copa	MmuINT0040848	chr1	1.74E+08	1.74E+08	+	0.002552
Copa	MmuINT0040849	chr1	1.74E+08	1.74E+08	+	0.004441
Copa	MmuINT0040850	chr1	1.74E+08	1.74E+08	+	0.002057
Copa	MmuINT0040851	chr1	1.74E+08	1.74E+08	+	0.022905
Copa	MmuINT0040852	chr1	1.74E+08	1.74E+08	+	0.019879
Copa	MmuINT0040853	chr1	1.74E+08	1.74E+08	+	0.005764
Copa	MmuINT0040854	chr1	1.74E+08	1.74E+08	+	0.004853
Copa	MmuINT0040855	chr1	1.74E+08	1.74E+08	+	0.005779
Copa	MmuINT0040856	chr1	1.74E+08	1.74E+08	+	0.006241
Copa	MmuINT0040857	chr1	1.74E+08	1.74E+08	+	0.008973
Copa	MmuINT0040858	chr1	1.74E+08	1.74E+08	+	0.002952
Copa	MmuINT0040859	chr1	1.74E+08	1.74E+08	+	0.003998
Copa	MmuINT0040860	chr1	1.74E+08	1.74E+08	+	0.005784
Copa	MmuINT0040861	chr1	1.74E+08	1.74E+08	+	0.002866
Copa	MmuINT0040862	chr1	1.74E+08	1.74E+08	+	0.00697
Copa	MmuINT0040863	chr1	1.74E+08	1.74E+08	+	0.006241
Copa	MmuINT0040864	chr1	1.74E+08	1.74E+08	+	0.004072
Copa	MmuINT0040865	chr1	1.74E+08	1.74E+08	+	0.04689
Copa	MmuINT0040866	chr1	1.74E+08	1.74E+08	+	0.01826
Copa	MmuINT0040867	chr1	1.74E+08	1.74E+08	+	0.003061
Copa	MmuINT0040868	chr1	1.74E+08	1.74E+08	+	0.003856
Copa	MmuINT0040869	chr1	1.74E+08	1.74E+08	+	0.003238
Copb1	MmuINT0040870	chr7	1.21E+08	1.21E+08	-	0.009239
Copb1	MmuINT0040871	chr7	1.21E+08	1.21E+08	-	0.011651
Copb1	MmuINT0040872	chr7	1.21E+08	1.21E+08	-	0.005546
Copb1	MmuINT0040873	chr7	1.21E+08	1.21E+08	-	0.00683
Copb1	MmuINT0040874	chr7	1.21E+08	1.21E+08	-	0.008291
Copb1	MmuINT0040875	chr7	1.21E+08	1.21E+08	-	0.011655
Copb1	MmuINT0040876	chr7	1.21E+08	1.21E+08	-	0.004009
Copb1	MmuINT0040877	chr7	1.21E+08	1.21E+08	-	0.017934
Copb1	MmuINT0040878	chr7	1.21E+08	1.21E+08	-	0.008326
Copb1	MmuINT0040879	chr7	1.21E+08	1.21E+08	-	0.012788
Copb1	MmuINT0040880	chr7	1.21E+08	1.21E+08	-	0.037656
Copb1	MmuINT0040881	chr7	1.21E+08	1.21E+08	-	0.008678
Copb1	MmuINT0040882	chr7	1.21E+08	1.21E+08	-	0.005797
Copb1	MmuINT0040883	chr7	1.21E+08	1.21E+08	-	0.019992
Copb1	MmuINT0040884	chr7	1.21E+08	1.21E+08	-	0.006136
Copb1	MmuINT0040885	chr7	1.21E+08	1.21E+08	-	0.044489
Copb1	MmuINT0040886	chr7	1.21E+08	1.21E+08	-	0.009361
Copb1	MmuINT0040887	chr7	1.21E+08	1.21E+08	-	0.008053
Copb1	MmuINT0040888	chr7	1.21E+08	1.21E+08	-	0.007695
Copb1	MmuINT0040889	chr7	1.21E+08	1.21E+08	-	0.013225
Copb1	MmuINT0040890	chr7	1.21E+08	1.21E+08	-	0.007711
Copb2	MmuINT0040891	chr9	98464243	98468411	+	0.003955
Copb2	MmuINT0040892	chr9	98479511	98480500	+	0.005973
Copb2	MmuINT0040893	chr9	98480590	98480676	+	0.002332
Copb2	MmuINT0040894	chr9	98480784	98481553	+	0.003508
Copb2	MmuINT0040895	chr9	98481698	98482690	+	0.00179
Copb2	MmuINT0040896	chr9	98482822	98483108	+	0.001815
Copb2	MmuINT0040897	chr9	98483317	98485401	+	0.001735

Copb2	MmuINT0040898	chr9	98485513	98486350	+	0.002693
Copb2	MmuINT0040899	chr9	98486566	98487458	+	0.004104
Copb2	MmuINT0040900	chr9	98487552	98487643	+	0.002818
Copb2	MmuINT0040901	chr9	98487825	98487970	+	0.002464
Copb2	MmuINT0040902	chr9	98468550	98470724	+	0.003235
Copb2	MmuINT0040903	chr9	98488040	98488179	+	0.004459
Copb2	MmuINT0040904	chr9	98488249	98488463	+	0.009321
Copb2	MmuINT0040905	chr9	98470812	98471001	+	0.004085
Copb2	MmuINT0040906	chr9	98471129	98471912	+	0.002555
Copb2	MmuINT0040907	chr9	98472062	98473853	+	0.001872
Copb2	MmuINT0040908	chr9	98474001	98474484	+	0.002769
Copb2	MmuINT0040909	chr9	98474585	98477376	+	0.003555
Copb2	MmuINT0040910	chr9	98477520	98477746	+	0.001586
Copb2	MmuINT0040911	chr9	98477947	98479399	+	0.002799
Cope	MmuINT0040912	chr8	72826832	72828532	+	0.001348
Cope	MmuINT0040913	chr8	72828596	72829533	+	0.033048
Cope	MmuINT0040914	chr8	72829635	72830397	+	0.042617
Cope	MmuINT0040915	chr8	72830551	72831848	+	0.013576
Cope	MmuINT0040916	chr8	72831903	72832393	+	0.021522
Cope	MmuINT0040917	chr8	72832476	72834234	+	0.013193
Cope	MmuINT0040918	chr8	72834391	72835526	+	0.001652
Cope	MmuINT0040919	chr8	72835596	72836604	+	0.002145
Cope	MmuINT0040920	chr8	72836680	72836757	+	0.022216
Copg	MmuINT0040921	chr6	87844169	87845687	+	0.099276
Copg	MmuINT0040922	chr6	87845756	87845920	+	0.040043
Copg	MmuINT0040923	chr6	87846110	87847946	+	0.011599
Copg	MmuINT0040924	chr6	87848043	87852191	+	0.007904
Copg	MmuINT0040925	chr6	87852436	87853478	+	0.028107
Copg	MmuINT0040926	chr6	87853555	87854081	+	0.031119
Copg	MmuINT0040927	chr6	87854186	87854809	+	0.006247
Copg	MmuINT0040928	chr6	87854936	87855192	+	0.008171
Copg	MmuINT0040929	chr6	87855262	87857366	+	0.012877
Copg	MmuINT0040930	chr6	87857510	87857803	+	0.011646
Copg	MmuINT0040931	chr6	87839118	87839650	+	0.014867
Copg	MmuINT0040932	chr6	87857976	87858529	+	0.004251
Copg	MmuINT0040933	chr6	87858628	87859657	+	0.01488
Copg	MmuINT0040934	chr6	87859797	87860033	+	0.003876
Copg	MmuINT0040935	chr6	87860133	87862165	+	0.006781
Copg	MmuINT0040936	chr6	87839732	87839949	+	0.018172
Copg	MmuINT0040937	chr6	87840022	87840183	+	0.007942
Copg	MmuINT0040938	chr6	87842019	87842199	+	0.008298
Copg	MmuINT0040939	chr6	87842293	87842626	+	0.017909
Copg	MmuINT0040940	chr6	87842714	87843789	+	0.040831
Copg	MmuINT0040941	chr6	87843948	87844034	+	0.018252
Copg2	MmuINT0040942	chr6	30845595	30846660	-	0.01544
Copg2	MmuINT0040943	chr6	30775695	30776137	-	0.006937
Copg2	MmuINT0040944	chr6	30774557	30775626	-	0.008042
Copg2	MmuINT0040945	chr6	30766839	30774367	-	0.005983
Copg2	MmuINT0040946	chr6	30766175	30766742	-	0.00537
Copg2	MmuINT0040947	chr6	30763787	30765930	-	0.025235

Copg2	MmuINT0040948	chr6	30762848	30763710	-	0.014218
Copg2	MmuINT0040949	chr6	30761719	30762743	-	0.007976
Copg2	MmuINT0040950	chr6	30760988	30761592	-	0.005643
Copg2	MmuINT0040951	chr6	30760471	30760924	-	0.00521
Copg2	MmuINT0040952	chr6	30759731	30760330	-	0.00506
Copg2	MmuINT0040953	chr6	30844928	30845541	-	0.009393
Copg2	MmuINT0040954	chr6	30700636	30759558	-	0.004548
Copg2	MmuINT0040955	chr6	30699900	30700537	-	0.013247
Copg2	MmuINT0040956	chr6	30699505	30699760	-	0.003388
Copg2	MmuINT0040957	chr6	30698988	30699405	-	0.005516
Copg2	MmuINT0040958	chr6	30840673	30844846	-	0.010709
Copg2	MmuINT0040959	chr6	30835660	30840600	-	0.010675
Copg2	MmuINT0040960	chr6	30813611	30835579	-	0.009953
Copg2	MmuINT0040961	chr6	30811461	30813534	-	0.010556
Copg2	MmuINT0040962	chr6	30809975	30811367	-	0.011649
Copg2	MmuINT0040963	chr6	30808896	30809887	-	0.008807
Copg2	MmuINT0040964	chr6	30776272	30808737	-	0.007479
Cops2	MmuINT0040965	chr2	1.26E+08	1.26E+08	-	0.003577
Cops2	MmuINT0040966	chr2	1.26E+08	1.26E+08	-	0.008031
Cops2	MmuINT0040967	chr2	1.26E+08	1.26E+08	-	0.003998
Cops2	MmuINT0040968	chr2	1.26E+08	1.26E+08	-	0.002684
Cops2	MmuINT0040969	chr2	1.26E+08	1.26E+08	-	0.003311
Cops2	MmuINT0040970	chr2	1.26E+08	1.26E+08	-	0.003376
Cops2	MmuINT0040971	chr2	1.26E+08	1.26E+08	-	0.169841
Cops2	MmuINT0040972	chr2	1.26E+08	1.26E+08	-	0.003905
Cops2	MmuINT0040973	chr2	1.26E+08	1.26E+08	-	0.004021
Cops2	MmuINT0040974	chr2	1.26E+08	1.26E+08	-	0.002723
Cops2	MmuINT0040975	chr2	1.26E+08	1.26E+08	-	0.004894
Cops2	MmuINT0040976	chr2	1.26E+08	1.26E+08	-	0.015332
Cops3	MmuINT0040977	chr11	59650523	59653171	-	0.04675
Cops3	MmuINT0040978	chr11	59632002	59633506	-	0.055663
Cops3	MmuINT0040979	chr11	59631611	59631920	-	0.018456
Cops3	MmuINT0040980	chr11	59646647	59650392	-	0.004437
Cops3	MmuINT0040981	chr11	59646436	59646533	-	0.004667
Cops3	MmuINT0040982	chr11	59643742	59646385	-	0.01378
Cops3	MmuINT0040983	chr11	59641528	59643648	-	0.002588
Cops3	MmuINT0040984	chr11	59639933	59641347	-	0.003327
Cops3	MmuINT0040985	chr11	59637951	59639791	-	0.00615
Cops3	MmuINT0040986	chr11	59634889	59637776	-	0.010454
Cops4	MmuINT0040988	chr5	1.01E+08	1.01E+08	+	0.003167
Cops4	MmuINT0040989	chr5	1.01E+08	1.01E+08	+	0.00221
Cops4	MmuINT0040990	chr5	1.01E+08	1.01E+08	+	0.001648
Cops4	MmuINT0040991	chr5	1.01E+08	1.01E+08	+	0.004342
Cops4	MmuINT0040992	chr5	1.01E+08	1.01E+08	+	0.001599
Cops4	MmuINT0040993	chr5	1.01E+08	1.01E+08	+	0.00284
Cops4	MmuINT0040994	chr5	1.01E+08	1.01E+08	+	0.00345
Cops4	MmuINT0040995	chr5	1.01E+08	1.01E+08	+	0.00625
Cops4	MmuINT0040996	chr5	1.01E+08	1.01E+08	+	0.014404
Cops5	MmuINT0040997	chr1	10025245	10027750	-	0.01615
Cops5	MmuINT0040998	chr1	10024218	10025009	-	0.001583

Cops5	MmuINT0040999	chr1	10023405	10024088	-	0.003003
Cops5	MmuINT0041000	chr1	10022506	10023338	-	0.009646
Cops5	MmuINT0041001	chr1	10020792	10022419	-	0.013277
Cops5	MmuINT0041002	chr1	10017333	10020679	-	0.002938
Cops5	MmuINT0041003	chr1	10015145	10017183	-	0.003643
Cops6	MmuINT0041004	chr5	1.39E+08	1.39E+08	+	0.001784
Cops6	MmuINT0041005	chr5	1.39E+08	1.39E+08	+	0.001137
Cops6	MmuINT0041006	chr5	1.39E+08	1.39E+08	+	0.004215
Cops6	MmuINT0041007	chr5	1.39E+08	1.39E+08	+	0.001646
Cops6	MmuINT0041008	chr5	1.39E+08	1.39E+08	+	0.001804
Cops6	MmuINT0041009	chr5	1.39E+08	1.39E+08	+	0.002899
Cops6	MmuINT0041010	chr5	1.39E+08	1.39E+08	+	0.002311
Cops6	MmuINT0041011	chr5	1.39E+08	1.39E+08	+	0.002985
Cops6	MmuINT0041012	chr5	1.39E+08	1.39E+08	+	0.007389
Cops7a	MmuINT0041015	chr6	1.25E+08	1.25E+08	-	0.324894
Cops7a	MmuINT0041016	chr6	1.25E+08	1.25E+08	-	0.016682
Cops7a	MmuINT0041017	chr6	1.25E+08	1.25E+08	-	0.005847
Cops7a	MmuINT0041018	chr6	1.25E+08	1.25E+08	-	0.010403
Cops7a	MmuINT0041019	chr6	1.25E+08	1.25E+08	-	0.001624
Cops7a	MmuINT0041020	chr6	1.25E+08	1.25E+08	-	0.003381
Cops7a	MmuINT0041021	chr6	1.25E+08	1.25E+08	-	0.048651
Cops7b	MmuINT0041022	chr1	88483811	88485738	+	0.01831
Cops7b	MmuINT0041023	chr1	88485917	88488865	+	0.026032
Cops7b	MmuINT0041024	chr1	88488942	88493325	+	0.027941
Cops7b	MmuINT0041025	chr1	88493415	88495577	+	0.016663
Cops7b	MmuINT0041026	chr1	88495781	88497657	+	0.060312
Cops7b	MmuINT0041027	chr1	88497764	88501632	+	0.025989
Cops8	MmuINT0041028	chr1	92500203	92500949	+	0.004005
Cops8	MmuINT0041029	chr1	92501021	92502038	+	0.012507
Cops8	MmuINT0041030	chr1	92502088	92503111	+	0.015506
Cops8	MmuINT0041031	chr1	92503245	92506667	+	0.01177
Cops8	MmuINT0041032	chr1	92506776	92507549	+	0.017505
Cops8	MmuINT0041033	chr1	92507613	92508114	+	0.02447
Cops8	MmuINT0041034	chr1	92508163	92508748	+	0.00751
Copz1	MmuINT0041035	chr15	1.03E+08	1.03E+08	+	0.007886
Copz1	MmuINT0041036	chr15	1.03E+08	1.03E+08	+	0.005778
Copz1	MmuINT0041037	chr15	1.03E+08	1.03E+08	+	0.012075
Copz1	MmuINT0041038	chr15	1.03E+08	1.03E+08	+	0.008132
Copz1	MmuINT0041039	chr15	1.03E+08	1.03E+08	+	0.013111
Copz1	MmuINT0041040	chr15	1.03E+08	1.03E+08	+	0.007558
Copz1	MmuINT0041041	chr15	1.03E+08	1.03E+08	+	0.014627
Copz1	MmuINT0041042	chr15	1.03E+08	1.03E+08	+	0.032862
Copz2	MmuINT0041043	chr11	96711311	96711986	+	0.006537
Copz2	MmuINT0041044	chr11	96712056	96714748	+	0.049061
Copz2	MmuINT0041045	chr11	96714831	96715371	+	0.036573
Copz2	MmuINT0041046	chr11	96715464	96715897	+	0.009505
Copz2	MmuINT0041047	chr11	96715954	96716569	+	0.004013
Copz2	MmuINT0041048	chr11	96716648	96717985	+	0.009074
Copz2	MmuINT0041049	chr11	96718038	96718866	+	0.009063
Copz2	MmuINT0041050	chr11	96718906	96722176	+	0.016634

Coq10a	MmuINT0041051	chr10	1.28E+08	1.28E+08	-	0.153729
Coq10a	MmuINT0041052	chr10	1.28E+08	1.28E+08	-	0.631093
Coq10a	MmuINT0041053	chr10	1.28E+08	1.28E+08	-	0.003006
Coq10a	MmuINT0041054	chr10	1.28E+08	1.28E+08	-	0.002473
Coq10b	MmuINT0041055	chr1	55109835	55118118	+	0.006206
Coq10b	MmuINT0041056	chr1	55118269	55121024	+	0.001918
Coq10b	MmuINT0041057	chr1	55121218	55124340	+	0.02848
Coq2	MmuINT0041060	chr5	1.01E+08	1.01E+08	-	0.004947
Coq2	MmuINT0041061	chr5	1.01E+08	1.01E+08	-	0.018512
Coq3	MmuINT0041066	chr4	21806944	21819955	+	0.006389
Coq3	MmuINT0041067	chr4	21820083	21823701	+	0.002917
Coq3	MmuINT0041068	chr4	21823855	21826204	+	0.008871
Coq3	MmuINT0041069	chr4	21826305	21827410	+	0.002669
Coq3	MmuINT0041070	chr4	21827654	21835629	+	0.00295
Coq3	MmuINT0041071	chr4	21835790	21837565	+	0.002536
Coq4	MmuINT0041072	chr2	29643878	29643956	+	0.007389
Coq4	MmuINT0041073	chr2	29644089	29645422	+	0.007443
Coq4	MmuINT0041074	chr2	29645520	29645976	+	0.009712
Coq4	MmuINT0041075	chr2	29646080	29650900	+	0.02905
Coq4	MmuINT0041076	chr2	29651031	29651455	+	0.029283
Coq4	MmuINT0041077	chr2	29651550	29651927	+	0.006901
Coq5	MmuINT0041078	chr5	1.16E+08	1.16E+08	+	0.002282
Coq5	MmuINT0041079	chr5	1.16E+08	1.16E+08	+	0.001082
Coq5	MmuINT0041080	chr5	1.16E+08	1.16E+08	+	0.022389
Coq5	MmuINT0041081	chr5	1.16E+08	1.16E+08	+	0.001728
Coq5	MmuINT0041082	chr5	1.16E+08	1.16E+08	+	0.001891
Coq5	MmuINT0041083	chr5	1.16E+08	1.16E+08	+	0.001026
Coq6	MmuINT0041084	chr12	85703188	85707834	+	0.003385
Coq6	MmuINT0041085	chr12	85713485	85713600	+	0.003568
Coq6	MmuINT0041086	chr12	85713768	85714628	+	0.010016
Coq6	MmuINT0041087	chr12	85707970	85709092	+	0.02038
Coq6	MmuINT0041088	chr12	85709152	85709535	+	0.040542
Coq6	MmuINT0041089	chr12	85709660	85711205	+	0.006417
Coq6	MmuINT0041090	chr12	85711337	85711873	+	0.035974
Coq6	MmuINT0041091	chr12	85711982	85712057	+	0.017901
Coq6	MmuINT0041092	chr12	85712121	85712400	+	0.016154
Coq6	MmuINT0041093	chr12	85712509	85713088	+	0.009475
Coq6	MmuINT0041094	chr12	85713292	85713368	+	0.009164
Coq7	MmuINT0041095	chr7	1.26E+08	1.26E+08	-	0.00128
Coq7	MmuINT0041096	chr7	1.26E+08	1.26E+08	-	0.004854
Coq7	MmuINT0041097	chr7	1.26E+08	1.26E+08	-	0.002108
Coq7	MmuINT0041098	chr7	1.26E+08	1.26E+08	-	0.001741
Coq7	MmuINT0041099	chr7	1.26E+08	1.26E+08	-	0.005499
Coq9	MmuINT0041100	chr8	97362398	97366517	+	0.001911
Coq9	MmuINT0041101	chr8	97366669	97368676	+	0.000894
Coq9	MmuINT0041102	chr8	97368813	97374024	+	0.001868
Coq9	MmuINT0041103	chr8	97374168	97374414	+	0.001027
Coq9	MmuINT0041104	chr8	97374500	97375750	+	0.020611
Coq9	MmuINT0041105	chr8	97375856	97377014	+	0.00808
Coq9	MmuINT0041106	chr8	97377171	97377504	+	0.005813

Coq9	MmuINT0041107	chr8	97377559	97378013	+	0.002844
Corin	MmuINT0041110	chr5	72734357	72745108	-	0.019418
Corin	MmuINT0041111	chr5	72731226	72734124	-	0.040978
Corin	MmuINT0041112	chr5	72730308	72731079	-	0.00188
Corin	MmuINT0041113	chr5	72724021	72730199	-	0.00215
Corin	MmuINT0041114	chr5	72722161	72723906	-	0.005146
Corin	MmuINT0041115	chr5	72720981	72722049	-	0.002692
Corin	MmuINT0041116	chr5	72710875	72720850	-	0.001913
Corin	MmuINT0041117	chr5	72707631	72710760	-	0.003681
Corin	MmuINT0041118	chr5	72707438	72707580	-	0.002376
Corin	MmuINT0041119	chr5	72696386	72707262	-	0.001536
Corin	MmuINT0041120	chr5	72845746	72863087	-	0.003381
Corin	MmuINT0041121	chr5	72694164	72696113	-	0.00967
Corin	MmuINT0041122	chr5	72692920	72694029	-	0.003295
Corin	MmuINT0041123	chr5	72826682	72845544	-	0.001938
Corin	MmuINT0041124	chr5	72813449	72826473	-	0.002136
Corin	MmuINT0041125	chr5	72763451	72813263	-	0.003649
Corin	MmuINT0041127	chr5	72749724	72751889	-	0.002223
Corin	MmuINT0041128	chr5	72748232	72749612	-	0.001797
Corin	MmuINT0041129	chr5	72745217	72748114	-	0.002865
Coro1a	MmuINT0041130	chr7	1.34E+08	1.34E+08	-	0.120908
Coro1a	MmuINT0041131	chr7	1.34E+08	1.34E+08	-	0.147756
Coro1a	MmuINT0041132	chr7	1.34E+08	1.34E+08	-	0.178404
Coro1a	MmuINT0041133	chr7	1.34E+08	1.34E+08	-	0.057853
Coro1a	MmuINT0041134	chr7	1.34E+08	1.34E+08	-	0.036871
Coro1a	MmuINT0041135	chr7	1.34E+08	1.34E+08	-	0.038602
Coro1a	MmuINT0041136	chr7	1.34E+08	1.34E+08	-	0.068166
Coro1a	MmuINT0041137	chr7	1.34E+08	1.34E+08	-	0.091561
Coro1a	MmuINT0041138	chr7	1.34E+08	1.34E+08	-	0.047716
Coro1a	MmuINT0041139	chr7	1.34E+08	1.34E+08	-	0.031591
Coro1b	MmuINT0041140	chr19	4148737	4149341	+	0.033315
Coro1b	MmuINT0041141	chr19	4153491	4153596	+	0.187005
Coro1b	MmuINT0041142	chr19	4149545	4149862	+	0.091799
Coro1b	MmuINT0041143	chr19	4149986	4150089	+	0.041437
Coro1b	MmuINT0041144	chr19	4150220	4150439	+	0.079372
Coro1b	MmuINT0041145	chr19	4150622	4150706	+	0.014291
Coro1b	MmuINT0041146	chr19	4150827	4151394	+	0.073495
Coro1b	MmuINT0041147	chr19	4151500	4151579	+	0.029639
Coro1b	MmuINT0041148	chr19	4151726	4152521	+	0.013395
Coro1b	MmuINT0041149	chr19	4152580	4153226	+	0.139757
Coro1c	MmuINT0041152	chr5	1.14E+08	1.14E+08	-	0.0041
Coro1c	MmuINT0041153	chr5	1.14E+08	1.14E+08	-	0.016448
Coro1c	MmuINT0041154	chr5	1.14E+08	1.14E+08	-	0.019574
Coro1c	MmuINT0041155	chr5	1.14E+08	1.14E+08	-	0.043203
Coro1c	MmuINT0041156	chr5	1.14E+08	1.14E+08	-	0.020902
Coro1c	MmuINT0041157	chr5	1.14E+08	1.14E+08	-	0.022117
Coro1c	MmuINT0041158	chr5	1.14E+08	1.14E+08	-	0.006118
Coro2b	MmuINT0041174	chr9	62273738	62273947	-	0.03731
Coro2b	MmuINT0041175	chr9	62269221	62273597	-	0.267705
Coro2b	MmuINT0041176	chr9	62302453	62337047	-	0.030367



Coro2b	MmuINT0041177	chr9	62280314	62302335	-	0.04629
Coro2b	MmuINT0041178	chr9	62279274	62280163	-	0.0331
Coro2b	MmuINT0041179	chr9	62277150	62279108	-	0.053512
Coro2b	MmuINT0041180	chr9	62276861	62277032	-	0.03372
Coro2b	MmuINT0041181	chr9	62275840	62276755	-	0.098305
Coro2b	MmuINT0041183	chr9	62274039	62274337	-	0.075107
Coro6	MmuINT0041187	chr11	77277613	77279167	+	0.009336
Coro6	MmuINT0041188	chr11	77279291	77279696	+	0.005325
Coro6	MmuINT0041189	chr11	77279827	77279919	+	0.004119
Coro6	MmuINT0041190	chr11	77280102	77281251	+	0.411917
Coro6	MmuINT0041191	chr11	77281372	77281767	+	0.137994
Coro6	MmuINT0041192	chr11	77281873	77281962	+	0.018288
Coro6	MmuINT0041193	chr11	77282109	77282411	+	0.010167
Coro6	MmuINT0041194	chr11	77282470	77282558	+	0.011763
Coro6	MmuINT0041195	chr11	77282790	77282880	+	0.005656
Coro7	MmuINT0041196	chr16	4677033	4679551	-	0.027528
Coro7	MmuINT0041197	chr16	4635043	4635383	-	0.165101
Coro7	MmuINT0041198	chr16	4634908	4634984	-	0.165288
Coro7	MmuINT0041199	chr16	4634682	4634761	-	0.092492
Coro7	MmuINT0041200	chr16	4634431	4634588	-	0.104266
Coro7	MmuINT0041201	chr16	4633838	4634298	-	0.032047
Coro7	MmuINT0041202	chr16	4633431	4633713	-	0.042314
Coro7	MmuINT0041203	chr16	4632522	4633254	-	0.077051
Coro7	MmuINT0041204	chr16	4632306	4632412	-	0.038376
Coro7	MmuINT0041205	chr16	4632130	4632218	-	0.024101
Coro7	MmuINT0041206	chr16	4631916	4631986	-	0.020139
Coro7	MmuINT0041207	chr16	4675838	4676935	-	0.040392
Coro7	MmuINT0041208	chr16	4631535	4631810	-	0.033264
Coro7	MmuINT0041209	chr16	4630506	4631448	-	0.032572
Coro7	MmuINT0041210	chr16	4630278	4630363	-	0.055669
Coro7	MmuINT0041211	chr16	4629173	4630187	-	0.024549
Coro7	MmuINT0041212	chr16	4628812	4629055	-	0.055308
Coro7	MmuINT0041213	chr16	4628276	4628675	-	0.073018
Coro7	MmuINT0041214	chr16	4627697	4628183	-	0.063079
Coro7	MmuINT0041215	chr16	4627500	4627609	-	0.115885
Coro7	MmuINT0041216	chr16	4670573	4675762	-	0.05162
Coro7	MmuINT0041217	chr16	4670042	4670501	-	0.034842
Coro7	MmuINT0041218	chr16	4668821	4669857	-	0.024466
Coro7	MmuINT0041219	chr16	4661916	4668743	-	0.033043
Coro7	MmuINT0041220	chr16	4655635	4661864	-	0.0369
Coro7	MmuINT0041221	chr16	4655093	4655547	-	0.040063
Coro7	MmuINT0041222	chr16	4635439	4655009	-	0.12807
Cotl1	MmuINT0041224	chr8	1.22E+08	1.22E+08	-	0.017639
Cotl1	MmuINT0041225	chr8	1.22E+08	1.22E+08	-	0.022753
Cotl1	MmuINT0041226	chr8	1.22E+08	1.22E+08	-	0.018583
Cox10	MmuINT0041227	chr11	63887173	63892837	-	0.003526
Cox10	MmuINT0041228	chr11	63885339	63887038	-	0.00201
Cox10	MmuINT0041229	chr11	63858854	63885019	-	0.009365
Cox10	MmuINT0041230	chr11	63807459	63858728	-	0.006226
Cox10	MmuINT0041231	chr11	63789979	63807387	-	0.005201

Cox10	MmuINT0041232	chr11	63778031	63789745	-	0.01255
Cox11	MmuINT0041233	chr11	90499867	90501690	+	0.008347
Cox11	MmuINT0041235	chr11	90505093	90505683	+	0.004925
Cox15	MmuINT0041236	chr19	43826025	43827311	-	0.00637
Cox15	MmuINT0041237	chr19	43823403	43825833	-	0.004406
Cox15	MmuINT0041238	chr19	43821413	43823279	-	0.00716
Cox15	MmuINT0041239	chr19	43818275	43821225	-	0.008344
Cox15	MmuINT0041240	chr19	43816405	43818106	-	0.007731
Cox15	MmuINT0041241	chr19	43814482	43816322	-	0.014428
Cox15	MmuINT0041242	chr19	43812641	43814326	-	0.006222
Cox15	MmuINT0041243	chr19	43811343	43812526	-	0.005572
Cox16	MmuINT0041244	chr12	82581990	82585883	-	0.004401
Cox16	MmuINT0041245	chr12	82575637	82581917	-	0.004605
Cox16	MmuINT0041246	chr12	82573339	82575573	-	0.015482
Cox17	MmuINT0041247	chr16	38347294	38349326	+	0.001194
Cox17	MmuINT0041248	chr16	38349416	38352711	+	0.007177
Cox18	MmuINT0041249	chr5	90648549	90651255	-	0.029059
Cox18	MmuINT0041250	chr5	90646650	90647936	-	0.04785
Cox18	MmuINT0041251	chr5	90644201	90646541	-	0.054968
Cox19	MmuINT0041254	chr5	1.4E+08	1.4E+08	-	0.003331
Cox19	MmuINT0041255	chr5	1.4E+08	1.4E+08	-	0.037965
Cox4i1	MmuINT0041256	chr8	1.23E+08	1.23E+08	+	0.00252
Cox4i1	MmuINT0041257	chr8	1.23E+08	1.23E+08	+	0.001821
Cox4i1	MmuINT0041258	chr8	1.23E+08	1.23E+08	+	0.0011
Cox4i1	MmuINT0041259	chr8	1.23E+08	1.23E+08	+	0.000536
Cox4i2	MmuINT0041260	chr2	1.53E+08	1.53E+08	+	0.053548
Cox4i2	MmuINT0041261	chr2	1.53E+08	1.53E+08	+	0.034401
Cox4i2	MmuINT0041262	chr2	1.53E+08	1.53E+08	+	0.023321
Cox4i2	MmuINT0041263	chr2	1.53E+08	1.53E+08	+	0.083017
Cox4nb	MmuINT0041264	chr8	1.23E+08	1.23E+08	-	0.015558
Cox4nb	MmuINT0041265	chr8	1.23E+08	1.23E+08	-	0.037296
Cox4nb	MmuINT0041266	chr8	1.23E+08	1.23E+08	-	0.02553
Cox4nb	MmuINT0041267	chr8	1.23E+08	1.23E+08	-	0.007518
Cox5a	MmuINT0041268	chr9	57369223	57376762	+	0.001141
Cox5a	MmuINT0041269	chr9	57376880	57378047	+	0.000003
Cox5a	MmuINT0041271	chr9	57379600	57380088	+	0.000385
Cox6a1	MmuINT0041276	chr5	1.16E+08	1.16E+08	-	0.010735
Cox6a2	MmuINT0041277	chr7	1.35E+08	1.35E+08	-	0.000683
Cox6a2	MmuINT0041278	chr7	1.35E+08	1.35E+08	-	0.000175
Cox6b1	MmuINT0041279	chr7	31409633	31411069	-	0.000081
Cox6b1	MmuINT0041281	chr7	31402182	31408433	-	0.001473
Cox6b2	MmuINT0041282	chr7	4703578	4703662	-	0.081775
Cox6c	MmuINT0041283	chr15	35867040	35867879	-	0.000165
Cox6c	MmuINT0041285	chr15	35861853	35865039	-	0.000137
Cox7a1	MmuINT0041286	chr7	30969265	30970103	+	0.009093
Cox7a1	MmuINT0041287	chr7	30970191	30970293	+	0.001407
Cox7a1	MmuINT0041288	chr7	30970379	30970930	+	0.000768
Cox7a2	MmuINT0041289	chr9	79606387	79607446	-	0.000706
Cox7a2	MmuINT0041290	chr9	79604169	79606296	-	0.001919
Cox7a2	MmuINT0041291	chr9	79603413	79604083	-	0.002092

Cox7a2l	MmuINT0041295	chr17	83902078	83903439	-	0.002283
Cox7b	MmuINT0041297	chrX	1.03E+08	1.03E+08	+	0.000248
Cox8b	MmuINT0041303	chr7	1.48E+08	1.48E+08	-	0.00019
Cp	MmuINT0041305	chr3	19857430	19864279	+	0.008315
Cp	MmuINT0041306	chr3	19877247	19878859	+	0.0106
Cp	MmuINT0041307	chr3	19879073	19880590	+	0.005083
Cp	MmuINT0041308	chr3	19880799	19881962	+	0.018576
Cp	MmuINT0041309	chr3	19882103	19883392	+	0.009052
Cp	MmuINT0041310	chr3	19883522	19885559	+	0.016521
Cp	MmuINT0041311	chr3	19885667	19887358	+	0.030841
Cp	MmuINT0041312	chr3	19887576	19887932	+	0.009916
Cp	MmuINT0041313	chr3	19888073	19889052	+	0.035388
Cp	MmuINT0041314	chr3	19889219	19905466	+	0.018513
Cp	MmuINT0041315	chr3	19905572	19906549	+	0.069671
Cp	MmuINT0041316	chr3	19864528	19866238	+	0.004294
Cp	MmuINT0041317	chr3	19866449	19868039	+	0.005095
Cp	MmuINT0041318	chr3	19868214	19869775	+	0.040984
Cp	MmuINT0041319	chr3	19870031	19870911	+	0.033942
Cp	MmuINT0041320	chr3	19871084	19872614	+	0.005382
Cp	MmuINT0041321	chr3	19872755	19873776	+	0.005306
Cp	MmuINT0041322	chr3	19873930	19874858	+	0.027258
Cp	MmuINT0041323	chr3	19875059	19877095	+	0.007151
Cpd	MmuINT0041439	chr11	76654138	76659725	-	0.011354
Cpd	MmuINT0041440	chr11	76613461	76615141	-	0.010065
Cpd	MmuINT0041441	chr11	76611407	76613290	-	0.010228
Cpd	MmuINT0041442	chr11	76609139	76611082	-	0.022613
Cpd	MmuINT0041443	chr11	76606374	76608942	-	0.00617
Cpd	MmuINT0041444	chr11	76605498	76606237	-	0.006443
Cpd	MmuINT0041445	chr11	76604593	76605365	-	0.009248
Cpd	MmuINT0041446	chr11	76604394	76604496	-	0.009433
Cpd	MmuINT0041447	chr11	76599905	76604328	-	0.027505
Cpd	MmuINT0041449	chr11	76597989	76598520	-	0.009992
Cpd	MmuINT0041450	chr11	76628416	76653889	-	0.007435
Cpd	MmuINT0041451	chr11	76595913	76597888	-	0.009407
Cpd	MmuINT0041452	chr11	76627155	76628272	-	0.009406
Cpd	MmuINT0041453	chr11	76626234	76626984	-	0.014385
Cpd	MmuINT0041454	chr11	76625389	76625883	-	0.009068
Cpd	MmuINT0041455	chr11	76622380	76625196	-	0.007399
Cpd	MmuINT0041456	chr11	76619588	76622211	-	0.009682
Cpd	MmuINT0041457	chr11	76615837	76619477	-	0.014723
Cpd	MmuINT0041458	chr11	76615285	76615733	-	0.008016
Cpe	MmuINT0041459	chr8	67098345	67171439	-	0.000848
Cpe	MmuINT0041460	chr8	67096503	67098147	-	0.000487
Cpe	MmuINT0041461	chr8	67090289	67096334	-	0.000476
Cpe	MmuINT0041462	chr8	67088028	67090170	-	0.000676
Cpe	MmuINT0041463	chr8	67085540	67087844	-	0.000792
Cpe	MmuINT0041464	chr8	67076357	67085399	-	0.001215
Cpe	MmuINT0041465	chr8	67073813	67076256	-	0.002035
Cpe	MmuINT0041466	chr8	67072019	67073693	-	0.000683
Cpeb1	MmuINT0041468	chr7	88494759	88495230	-	0.023584

Cpeb1	MmuINT0041469	chr7	88493326	88494677	-	0.62262
Cpeb1	MmuINT0041470	chr7	88517087	88581088	-	0.031834
Cpeb1	MmuINT0041471	chr7	88506696	88516897	-	0.011515
Cpeb1	MmuINT0041472	chr7	88504868	88506471	-	0.011654
Cpeb1	MmuINT0041473	chr7	88502305	88504614	-	0.292788
Cpeb1	MmuINT0041474	chr7	88501885	88502190	-	0.020808
Cpeb1	MmuINT0041475	chr7	88500898	88501779	-	0.666407
Cpeb1	MmuINT0041476	chr7	88496829	88500760	-	0.060633
Cpeb1	MmuINT0041477	chr7	88495326	88496629	-	0.02756
Cpeb2	MmuINT0041478	chr5	43675358	43676957	+	0.039805
Cpeb2	MmuINT0041479	chr5	43628828	43635824	+	0.040041
Cpeb2	MmuINT0041480	chr5	43635916	43652972	+	0.015271
Cpeb2	MmuINT0041481	chr5	43653024	43660107	+	0.032347
Cpeb2	MmuINT0041482	chr5	43660132	43668669	+	0.048198
Cpeb2	MmuINT0041483	chr5	43668841	43669842	+	0.011361
Cpeb2	MmuINT0041484	chr5	43669933	43672348	+	0.02056
Cpeb2	MmuINT0041485	chr5	43672468	43672609	+	0.014785
Cpeb2	MmuINT0041486	chr5	43672725	43675175	+	0.010211
Cpeb3	MmuINT0041491	chr19	37099578	37119011	-	0.00758
Cpeb3	MmuINT0041492	chr19	37213712	37248456	-	0.013772
Cpeb3	MmuINT0041493	chr19	37200879	37213551	-	0.017769
Cpeb3	MmuINT0041495	chr19	37163078	37180280	-	0.053277
Cpeb3	MmuINT0041496	chr19	37162118	37162909	-	0.00715
Cpeb3	MmuINT0041497	chr19	37142782	37162027	-	0.22112
Cpeb3	MmuINT0041498	chr19	37128865	37142662	-	0.003533
Cpeb3	MmuINT0041499	chr19	37119194	37128749	-	0.019607
Cpeb4	MmuINT0041500	chr11	31773413	31789857	+	0.006248
Cpeb4	MmuINT0041501	chr11	31789940	31808824	+	0.013321
Cpeb4	MmuINT0041504	chr11	31820583	31824625	+	0.025355
Cpeb4	MmuINT0041505	chr11	31824716	31825348	+	0.013944
Cpeb4	MmuINT0041506	chr11	31825468	31827640	+	0.012062
Cpeb4	MmuINT0041507	chr11	31827756	31830037	+	0.080579
Cpeb4	MmuINT0041508	chr11	31830220	31831304	+	0.02713
Cplx2	MmuINT0041516	chr13	54480064	54480175	+	0.053199
Cplx2	MmuINT0041517	chr13	54480352	54480875	+	0.057301
Cpm	MmuINT0041526	chr10	1.17E+08	1.17E+08	+	0.037324
Cpne1	MmuINT0041540	chr2	1.56E+08	1.56E+08	-	0.056411
Cpne1	MmuINT0041541	chr2	1.56E+08	1.56E+08	-	0.024401
Cpne1	MmuINT0041542	chr2	1.56E+08	1.56E+08	-	0.100942
Cpne1	MmuINT0041543	chr2	1.56E+08	1.56E+08	-	0.130629
Cpne1	MmuINT0041544	chr2	1.56E+08	1.56E+08	-	0.076544
Cpne1	MmuINT0041545	chr2	1.56E+08	1.56E+08	-	0.070065
Cpne1	MmuINT0041546	chr2	1.56E+08	1.56E+08	-	0.135772
Cpne1	MmuINT0041547	chr2	1.56E+08	1.56E+08	-	0.028267
Cpne1	MmuINT0041548	chr2	1.56E+08	1.56E+08	-	0.02151
Cpne1	MmuINT0041549	chr2	1.56E+08	1.56E+08	-	0.068411
Cpne1	MmuINT0041550	chr2	1.56E+08	1.56E+08	-	0.056907
Cpne1	MmuINT0041551	chr2	1.56E+08	1.56E+08	-	0.071028
Cpne1	MmuINT0041552	chr2	1.56E+08	1.56E+08	-	0.037086
Cpne1	MmuINT0041553	chr2	1.56E+08	1.56E+08	-	0.028874

Cpne1	MmuINT0041554	chr2	1.56E+08	1.56E+08	-	0.031432
Cpne2	MmuINT0041556	chr8	97081380	97082024	+	0.08722
Cpne2	MmuINT0041557	chr8	97082159	97084008	+	0.058949
Cpne2	MmuINT0041559	chr8	97086690	97087856	+	0.062402
Cpne2	MmuINT0041560	chr8	97087991	97092490	+	0.049633
Cpne2	MmuINT0041561	chr8	97092728	97093870	+	0.044304
Cpne2	MmuINT0041563	chr8	97075250	97075639	+	0.0505
Cpne2	MmuINT0041564	chr8	97075715	97077289	+	0.053925
Cpne2	MmuINT0041565	chr8	97077362	97078574	+	0.06796
Cpne2	MmuINT0041567	chr8	97078920	97079408	+	0.04158
Cpne2	MmuINT0041568	chr8	97079508	97079871	+	0.050546
Cpne2	MmuINT0041569	chr8	97079959	97081319	+	0.052154
Cpne3	MmuINT0041570	chr4	19482649	19497147	-	0.031348
Cpne3	MmuINT0041571	chr4	19459680	19460201	-	0.027696
Cpne3	MmuINT0041572	chr4	19455390	19459545	-	0.043905
Cpne3	MmuINT0041573	chr4	19455259	19455334	-	0.034455
Cpne3	MmuINT0041574	chr4	19453565	19455206	-	0.053492
Cpne3	MmuINT0041575	chr4	19452387	19453430	-	0.024662
Cpne3	MmuINT0041576	chr4	19450442	19452149	-	0.017336
Cpne3	MmuINT0041577	chr4	19481045	19482508	-	0.025214
Cpne3	MmuINT0041578	chr4	19479466	19480864	-	0.017958
Cpne3	MmuINT0041579	chr4	19477807	19479390	-	0.02929
Cpne3	MmuINT0041580	chr4	19470485	19477734	-	0.011829
Cpne3	MmuINT0041581	chr4	19467978	19470400	-	0.031991
Cpne3	MmuINT0041582	chr4	19463773	19467887	-	0.036007
Cpne3	MmuINT0041583	chr4	19462446	19463673	-	0.039518
Cpne3	MmuINT0041584	chr4	19460262	19462358	-	0.032619
Cpne8	MmuINT0041650	chr15	90479715	90509598	-	0.133944
Cpne8	MmuINT0041651	chr15	90382481	90398679	-	0.063512
Cpne8	MmuINT0041655	chr15	90346521	90352338	-	0.079066
Cpne8	MmuINT0041656	chr15	90340054	90346338	-	0.047958
Cpne8	MmuINT0041657	chr15	90331945	90339925	-	0.048104
Cpne8	MmuINT0041659	chr15	90327570	90330315	-	0.064553
Cpne8	MmuINT0041660	chr15	90319607	90327495	-	0.040895
Cpne8	MmuINT0041665	chr15	90415373	90432243	-	0.039137
Cpne8	MmuINT0041667	chr15	90399996	90402375	-	0.046016
Cpne8	MmuINT0041668	chr15	90398722	90399890	-	0.013822
Cpox	MmuINT0041688	chr16	58671064	58672640	+	0.006461
Cpox	MmuINT0041689	chr16	58672785	58673448	+	0.00643
Cpox	MmuINT0041690	chr16	58673560	58674492	+	0.017766
Cpox	MmuINT0041691	chr16	58674635	58675354	+	0.020073
Cpox	MmuINT0041692	chr16	58675574	58678057	+	0.017585
Cpox	MmuINT0041693	chr16	58678163	58678782	+	0.004608
Cpped1	MmuINT0041694	chr16	11887890	11909358	-	0.006749
Cpped1	MmuINT0041695	chr16	11828691	11887670	-	0.002278
Cpped1	MmuINT0041696	chr16	11805677	11828267	-	0.003702
Cpsf1	MmuINT0041734	chr15	76434182	76437764	-	0.034315
Cpsf1	MmuINT0041735	chr15	76432280	76432351	-	0.014868
Cpsf1	MmuINT0041736	chr15	76432056	76432156	-	0.010074
Cpsf1	MmuINT0041737	chr15	76431929	76432003	-	0.022596

Cpsf1	MmuINT0041738	chr15	76431768	76431833	-	0.026305
Cpsf1	MmuINT0041739	chr15	76431617	76431692	-	0.064358
Cpsf1	MmuINT0041740	chr15	76431458	76431535	-	0.070088
Cpsf1	MmuINT0041741	chr15	76431223	76431367	-	0.018192
Cpsf1	MmuINT0041742	chr15	76431040	76431111	-	0.034377
Cpsf1	MmuINT0041743	chr15	76430822	76430897	-	0.027792
Cpsf1	MmuINT0041744	chr15	76430557	76430642	-	0.009121
Cpsf1	MmuINT0041745	chr15	76434076	76434153	-	0.014209
Cpsf1	MmuINT0041746	chr15	76430345	76430419	-	0.013416
Cpsf1	MmuINT0041747	chr15	76430093	76430169	-	0.030327
Cpsf1	MmuINT0041748	chr15	76429788	76429885	-	0.005908
Cpsf1	MmuINT0041749	chr15	76429608	76429697	-	0.007571
Cpsf1	MmuINT0041750	chr15	76429386	76429463	-	0.010919
Cpsf1	MmuINT0041751	chr15	76428523	76429232	-	0.017015
Cpsf1	MmuINT0041752	chr15	76428331	76428405	-	0.021208
Cpsf1	MmuINT0041753	chr15	76428161	76428239	-	0.019476
Cpsf1	MmuINT0041754	chr15	76428003	76428075	-	0.039636
Cpsf1	MmuINT0041755	chr15	76427772	76427860	-	0.012798
Cpsf1	MmuINT0041756	chr15	76433813	76433941	-	0.028309
Cpsf1	MmuINT0041757	chr15	76427524	76427618	-	0.010006
Cpsf1	MmuINT0041758	chr15	76427274	76427346	-	0.017733
Cpsf1	MmuINT0041759	chr15	76427129	76427206	-	0.039899
Cpsf1	MmuINT0041760	chr15	76427002	76427080	-	0.048075
Cpsf1	MmuINT0041761	chr15	76426780	76426845	-	0.119603
Cpsf1	MmuINT0041762	chr15	76426578	76426649	-	0.059036
Cpsf1	MmuINT0041763	chr15	76426363	76426438	-	0.04841
Cpsf1	MmuINT0041764	chr15	76433616	76433731	-	0.016007
Cpsf1	MmuINT0041765	chr15	76433368	76433463	-	0.063563
Cpsf1	MmuINT0041766	chr15	76433079	76433220	-	0.078158
Cpsf1	MmuINT0041767	chr15	76432862	76432938	-	0.025532
Cpsf1	MmuINT0041768	chr15	76432652	76432750	-	0.010765
Cpsf1	MmuINT0041769	chr15	76432440	76432557	-	0.010884
Cpsf2	MmuINT0041770	chr12	1.03E+08	1.03E+08	+	0.048908
Cpsf2	MmuINT0041771	chr12	1.03E+08	1.03E+08	+	0.011117
Cpsf2	MmuINT0041772	chr12	1.03E+08	1.03E+08	+	0.016407
Cpsf2	MmuINT0041773	chr12	1.03E+08	1.03E+08	+	0.008653
Cpsf2	MmuINT0041774	chr12	1.03E+08	1.03E+08	+	0.011478
Cpsf2	MmuINT0041775	chr12	1.03E+08	1.03E+08	+	0.007366
Cpsf2	MmuINT0041776	chr12	1.03E+08	1.03E+08	+	0.010029
Cpsf2	MmuINT0041777	chr12	1.03E+08	1.03E+08	+	0.015275
Cpsf2	MmuINT0041778	chr12	1.03E+08	1.03E+08	+	0.01045
Cpsf2	MmuINT0041779	chr12	1.03E+08	1.03E+08	+	0.010077
Cpsf2	MmuINT0041780	chr12	1.03E+08	1.03E+08	+	0.023425
Cpsf2	MmuINT0041781	chr12	1.03E+08	1.03E+08	+	0.014416
Cpsf2	MmuINT0041782	chr12	1.03E+08	1.03E+08	+	0.01349
Cpsf2	MmuINT0041783	chr12	1.03E+08	1.03E+08	+	0.00771
Cpsf3	MmuINT0041784	chr12	21292406	21296108	+	0.012061
Cpsf3	MmuINT0041785	chr12	21308367	21311163	+	0.024836
Cpsf3	MmuINT0041786	chr12	21311317	21312633	+	0.019973
Cpsf3	MmuINT0041787	chr12	21312743	21313853	+	0.005349

Cpsf3	MmuINT0041788	chr12	21313953	21314764	+	0.013602
Cpsf3	MmuINT0041789	chr12	21314860	21316057	+	0.011145
Cpsf3	MmuINT0041790	chr12	21316146	21318158	+	0.045663
Cpsf3	MmuINT0041791	chr12	21318229	21319627	+	0.04421
Cpsf3	MmuINT0041792	chr12	21319725	21320508	+	0.011891
Cpsf3	MmuINT0041793	chr12	21296173	21297611	+	0.010306
Cpsf3	MmuINT0041794	chr12	21297710	21299086	+	0.006551
Cpsf3	MmuINT0041795	chr12	21299216	21300890	+	0.006796
Cpsf3	MmuINT0041796	chr12	21301069	21302507	+	0.025078
Cpsf3	MmuINT0041797	chr12	21302598	21303649	+	0.005735
Cpsf3	MmuINT0041798	chr12	21303801	21305902	+	0.005434
Cpsf3	MmuINT0041799	chr12	21306079	21307276	+	0.005106
Cpsf3	MmuINT0041800	chr12	21307436	21308219	+	0.004935
Cpsf3l	MmuINT0041801	chr4	1.55E+08	1.55E+08	+	0.028415
Cpsf3l	MmuINT0041802	chr4	1.55E+08	1.55E+08	+	0.076006
Cpsf3l	MmuINT0041803	chr4	1.55E+08	1.55E+08	+	0.097451
Cpsf3l	MmuINT0041804	chr4	1.55E+08	1.55E+08	+	0.157462
Cpsf3l	MmuINT0041805	chr4	1.55E+08	1.55E+08	+	0.159579
Cpsf3l	MmuINT0041806	chr4	1.55E+08	1.55E+08	+	0.072338
Cpsf3l	MmuINT0041807	chr4	1.55E+08	1.55E+08	+	0.045601
Cpsf3l	MmuINT0041808	chr4	1.55E+08	1.55E+08	+	0.043813
Cpsf3l	MmuINT0041809	chr4	1.55E+08	1.55E+08	+	0.018024
Cpsf3l	MmuINT0041810	chr4	1.55E+08	1.55E+08	+	0.014393
Cpsf3l	MmuINT0041811	chr4	1.55E+08	1.55E+08	+	0.061907
Cpsf3l	MmuINT0041812	chr4	1.55E+08	1.55E+08	+	0.138543
Cpsf3l	MmuINT0041813	chr4	1.55E+08	1.55E+08	+	0.135685
Cpsf3l	MmuINT0041814	chr4	1.55E+08	1.55E+08	+	0.180447
Cpsf3l	MmuINT0041815	chr4	1.55E+08	1.55E+08	+	0.118242
Cpsf3l	MmuINT0041816	chr4	1.55E+08	1.55E+08	+	0.098398
Cpsf4	MmuINT0041817	chr5	1.46E+08	1.46E+08	+	0.035073
Cpsf4	MmuINT0041818	chr5	1.46E+08	1.46E+08	+	0.037637
Cpsf4	MmuINT0041820	chr5	1.46E+08	1.46E+08	+	0.027052
Cpsf4	MmuINT0041821	chr5	1.46E+08	1.46E+08	+	0.328103
Cpsf4	MmuINT0041822	chr5	1.46E+08	1.46E+08	+	0.192539
Cpsf4l	MmuINT0041826	chr11	1.14E+08	1.14E+08	-	0.953646
Cpsf6	MmuINT0041831	chr10	1.17E+08	1.17E+08	-	0.017117
Cpsf6	MmuINT0041832	chr10	1.17E+08	1.17E+08	-	0.014577
Cpsf6	MmuINT0041833	chr10	1.17E+08	1.17E+08	-	0.023505
Cpsf6	MmuINT0041834	chr10	1.17E+08	1.17E+08	-	0.022768
Cpsf6	MmuINT0041835	chr10	1.17E+08	1.17E+08	-	0.019464
Cpsf6	MmuINT0041836	chr10	1.17E+08	1.17E+08	-	0.008027
Cpsf6	MmuINT0041837	chr10	1.17E+08	1.17E+08	-	0.00859
Cpsf6	MmuINT0041838	chr10	1.17E+08	1.17E+08	-	0.100334
Cpsf6	MmuINT0041839	chr10	1.17E+08	1.17E+08	-	0.284372
Cpsf7	MmuINT0041840	chr19	10599818	10600441	+	0.3029
Cpsf7	MmuINT0041841	chr19	10600551	10606270	+	0.024756
Cpsf7	MmuINT0041842	chr19	10606490	10607309	+	0.223483
Cpsf7	MmuINT0041843	chr19	10607414	10607782	+	0.077311
Cpsf7	MmuINT0041844	chr19	10610009	10611288	+	0.009448
Cpsf7	MmuINT0041845	chr19	10611408	10614109	+	0.056333

Cpsf7	MmuINT0041846	chr19	10614279	10615170	+	0.020562
Cpsf7	MmuINT0041847	chr19	10615339	10620181	+	0.040405
Cpt1a	MmuINT0041849	chr19	3323375	3349188	+	0.022048
Cpt1a	MmuINT0041850	chr19	3369051	3370706	+	0.007543
Cpt1a	MmuINT0041851	chr19	3370896	3371571	+	0.010032
Cpt1a	MmuINT0041852	chr19	3371678	3375092	+	0.032989
Cpt1a	MmuINT0041853	chr19	3375210	3376410	+	0.007088
Cpt1a	MmuINT0041854	chr19	3376576	3378367	+	0.00817
Cpt1a	MmuINT0041855	chr19	3378503	3380016	+	0.018355
Cpt1a	MmuINT0041856	chr19	3380170	3381609	+	0.007348
Cpt1a	MmuINT0041857	chr19	3381724	3381931	+	0.009304
Cpt1a	MmuINT0041858	chr19	3382025	3383754	+	0.01027
Cpt1a	MmuINT0041859	chr19	3349343	3352484	+	0.008598
Cpt1a	MmuINT0041860	chr19	3352625	3356316	+	0.007469
Cpt1a	MmuINT0041861	chr19	3356489	3358175	+	0.070542
Cpt1a	MmuINT0041862	chr19	3358278	3362084	+	0.007553
Cpt1a	MmuINT0041863	chr19	3362223	3364477	+	0.01186
Cpt1a	MmuINT0041864	chr19	3364556	3365674	+	0.009031
Cpt1a	MmuINT0041865	chr19	3365783	3366329	+	0.007993
Cpt1a	MmuINT0041866	chr19	3366418	3368854	+	0.008035
Cpt1b	MmuINT0041867	chr15	89255779	89256228	-	0.118184
Cpt1b	MmuINT0041868	chr15	89251309	89251775	-	0.002609
Cpt1b	MmuINT0041869	chr15	89250625	89251122	-	0.000311
Cpt1b	MmuINT0041870	chr15	89250440	89250518	-	0.007976
Cpt1b	MmuINT0041871	chr15	89249787	89250322	-	0.010187
Cpt1b	MmuINT0041872	chr15	89249542	89249621	-	0.005063
Cpt1b	MmuINT0041873	chr15	89249316	89249406	-	0.002486
Cpt1b	MmuINT0041874	chr15	89248377	89249162	-	0.005567
Cpt1b	MmuINT0041875	chr15	89247669	89248262	-	0.042193
Cpt1b	MmuINT0041876	chr15	89247411	89247575	-	0.01467
Cpt1b	MmuINT0041877	chr15	89255288	89255618	-	0.034088
Cpt1b	MmuINT0041878	chr15	89254874	89255147	-	0.000614
Cpt1b	MmuINT0041879	chr15	89254473	89254695	-	0.020212
Cpt1b	MmuINT0041880	chr15	89254225	89254370	-	0.007953
Cpt1b	MmuINT0041881	chr15	89254001	89254086	-	0.007618
Cpt1b	MmuINT0041882	chr15	89252828	89253922	-	0.006301
Cpt1b	MmuINT0041883	chr15	89252641	89252719	-	0.004644
Cpt1b	MmuINT0041884	chr15	89251972	89252555	-	0.019489
Cpt1c	MmuINT0041889	chr7	52217681	52218112	-	0.052496
Cpt1c	MmuINT0041892	chr7	52215534	52216127	-	0.125521
Cpt1c	MmuINT0041893	chr7	52215307	52215419	-	0.31186
Cpt2	MmuINT0041903	chr4	1.08E+08	1.08E+08	-	0.00088
Cpt2	MmuINT0041904	chr4	1.08E+08	1.08E+08	-	0.001852
Cpt2	MmuINT0041905	chr4	1.08E+08	1.08E+08	-	0.002615
Cpt2	MmuINT0041906	chr4	1.08E+08	1.08E+08	-	0.006657
Cpxm1	MmuINT0041922	chr2	1.3E+08	1.3E+08	-	0.070306
Cpxm1	MmuINT0041923	chr2	1.3E+08	1.3E+08	-	0.111519
Cpxm1	MmuINT0041924	chr2	1.3E+08	1.3E+08	-	0.055703
Cpxm1	MmuINT0041925	chr2	1.3E+08	1.3E+08	-	0.053792
Cpxm1	MmuINT0041929	chr2	1.3E+08	1.3E+08	-	0.060984



Cpxm1	MmuINT0041933	chr2	1.3E+08	1.3E+08	-	0.053977
Cpxm2	MmuINT0041935	chr7	1.39E+08	1.39E+08	-	0.057654
Cpxm2	MmuINT0041936	chr7	1.39E+08	1.39E+08	-	0.104569
Cpxm2	MmuINT0041938	chr7	1.39E+08	1.39E+08	-	0.021777
Cpxm2	MmuINT0041943	chr7	1.39E+08	1.39E+08	-	0.93582
Cpxm2	MmuINT0041944	chr7	1.39E+08	1.39E+08	-	0.009173
Cpxm2	MmuINT0041945	chr7	1.39E+08	1.39E+08	-	0.010595
Cpxm2	MmuINT0041946	chr7	1.39E+08	1.39E+08	-	0.039852
Cr1l	MmuINT0041957	chr1	1.97E+08	1.97E+08	-	0.007925
Cr1l	MmuINT0041963	chr1	1.97E+08	1.97E+08	-	0.003496
Cr1l	MmuINT0041965	chr1	1.97E+08	1.97E+08	-	0.081047
Cradd	MmuINT0041990	chr10	94785524	94786618	-	0.650877
Cradd	MmuINT0041991	chr10	94638613	94785219	-	0.011213
Cramp1l	MmuINT0041993	chr17	25116609	25119168	-	0.023156
Cramp1l	MmuINT0041994	chr17	25114623	25116430	-	0.02621
Cramp1l	MmuINT0041995	chr17	25114352	25114440	-	0.059746
Cramp1l	MmuINT0041996	chr17	25111732	25114276	-	0.055821
Cramp1l	MmuINT0041997	chr17	25110554	25111649	-	0.051503
Cramp1l	MmuINT0041998	chr17	25110205	25110448	-	0.035848
Cramp1l	MmuINT0041999	chr17	25109347	25110025	-	0.03334
Cramp1l	MmuINT0042000	chr17	25108554	25109280	-	0.042743
Cramp1l	MmuINT0042001	chr17	25107525	25108321	-	0.025355
Cramp1l	MmuINT0042002	chr17	25106017	25107359	-	0.027307
Cramp1l	MmuINT0042003	chr17	25140351	25150632	-	0.048349
Cramp1l	MmuINT0042004	chr17	25101892	25105870	-	0.042857
Cramp1l	MmuINT0042006	chr17	25131615	25134397	-	0.040774
Cramp1l	MmuINT0042011	chr17	25120342	25120888	-	0.067825
Crat	MmuINT0042012	chr2	30268767	30270831	-	0.017443
Crat	MmuINT0042013	chr2	30260594	30260685	-	0.00153
Crat	MmuINT0042014	chr2	30260111	30260457	-	0.003139
Crat	MmuINT0042015	chr2	30259147	30260047	-	0.010082
Crat	MmuINT0042016	chr2	30258314	30259008	-	0.001254
Crat	MmuINT0042017	chr2	30265596	30268502	-	0.00264
Crat	MmuINT0042018	chr2	30264315	30265476	-	0.001886
Crat	MmuINT0042019	chr2	30263742	30264260	-	0.00166
Crat	MmuINT0042020	chr2	30263401	30263575	-	0.000756
Crat	MmuINT0042021	chr2	30262655	30263225	-	0.001239
Crat	MmuINT0042022	chr2	30261989	30262475	-	0.003009
Crat	MmuINT0042023	chr2	30261025	30261887	-	0.008667
Crat	MmuINT0042024	chr2	30260809	30260904	-	0.000492
Crbn	MmuINT0042051	chr6	1.07E+08	1.07E+08	-	0.006276
Crbn	MmuINT0042052	chr6	1.07E+08	1.07E+08	-	0.004668
Crbn	MmuINT0042053	chr6	1.07E+08	1.07E+08	-	0.00674
Crbn	MmuINT0042054	chr6	1.07E+08	1.07E+08	-	0.029231
Crbn	MmuINT0042055	chr6	1.07E+08	1.07E+08	-	0.017185
Crbn	MmuINT0042056	chr6	1.07E+08	1.07E+08	-	0.018356
Crbn	MmuINT0042057	chr6	1.07E+08	1.07E+08	-	0.009054
Crcp	MmuINT0042059	chr5	1.31E+08	1.31E+08	+	0.071822
Crcp	MmuINT0042060	chr5	1.31E+08	1.31E+08	+	0.018958
Crcp	MmuINT0042061	chr5	1.31E+08	1.31E+08	+	0.015438

Crcp	MmuINT0042062	chr5	1.31E+08	1.31E+08	+	0.021308
Crcp	MmuINT0042063	chr5	1.31E+08	1.31E+08	+	0.024394
Creb1	MmuINT0042066	chr1	64579595	64597422	+	0.041161
Creb1	MmuINT0042067	chr1	64597545	64605076	+	0.019717
Creb1	MmuINT0042070	chr1	64612892	64616707	+	0.037208
Creb1	MmuINT0042071	chr1	64616851	64620646	+	0.029147
Creb1	MmuINT0042072	chr1	64620830	64622752	+	0.025635
Creb1	MmuINT0042073	chr1	64622904	64643807	+	0.022608
Creb3	MmuINT0042075	chr4	43575832	43575921	+	0.013254
Creb3	MmuINT0042076	chr4	43576079	43576152	+	0.0472
Creb3	MmuINT0042077	chr4	43576224	43576340	+	0.052904
Creb3	MmuINT0042078	chr4	43576431	43578132	+	0.009997
Creb3	MmuINT0042079	chr4	43578240	43578338	+	0.021889
Creb3	MmuINT0042080	chr4	43578408	43578991	+	0.033109
Creb3	MmuINT0042081	chr4	43579077	43579165	+	0.017929
Creb3	MmuINT0042082	chr4	43579251	43579340	+	0.009906
Creb3l1	MmuINT0042083	chr2	91842231	91864160	-	0.067266
Creb3l1	MmuINT0042084	chr2	91823590	91826317	-	0.075776
Creb3l1	MmuINT0042085	chr2	91823165	91823321	-	0.038341
Creb3l1	MmuINT0042086	chr2	91835599	91842001	-	0.048447
Creb3l1	MmuINT0042089	chr2	91831433	91832043	-	0.067019
Creb3l1	MmuINT0042090	chr2	91831125	91831282	-	0.060225
Creb3l1	MmuINT0042091	chr2	91830933	91831065	-	0.071916
Creb3l1	MmuINT0042092	chr2	91827293	91830863	-	0.05728
Creb3l1	MmuINT0042093	chr2	91826445	91827192	-	0.056277
Creb3l2	MmuINT0042094	chr6	37330029	37391698	-	0.017748
Creb3l2	MmuINT0042095	chr6	37284583	37285827	-	0.015996
Creb3l2	MmuINT0042096	chr6	37282501	37284362	-	0.049888
Creb3l2	MmuINT0042097	chr6	37314144	37329811	-	0.010845
Creb3l2	MmuINT0042098	chr6	37312446	37313967	-	0.025107
Creb3l2	MmuINT0042101	chr6	37304810	37305642	-	0.016428
Creb3l2	MmuINT0042102	chr6	37303626	37304750	-	0.024373
Creb3l2	MmuINT0042103	chr6	37286315	37303556	-	0.022353
Creb3l2	MmuINT0042104	chr6	37285955	37286214	-	0.024381
Crebbp	MmuINT0042131	chr16	4180134	4213138	-	0.046909
Crebbp	MmuINT0042132	chr16	4124215	4124635	-	0.048686
Crebbp	MmuINT0042133	chr16	4119857	4124169	-	0.055195
Crebbp	MmuINT0042134	chr16	4119222	4119731	-	0.04017
Crebbp	MmuINT0042137	chr16	4114964	4115777	-	0.021329
Crebbp	MmuINT0042138	chr16	4109219	4114773	-	0.048098
Crebbp	MmuINT0042139	chr16	4108276	4109099	-	0.034962
Crebbp	MmuINT0042140	chr16	4107517	4108035	-	0.031584
Crebbp	MmuINT0042141	chr16	4101639	4107427	-	0.038055
Crebbp	MmuINT0042142	chr16	4155034	4179423	-	0.046837
Crebbp	MmuINT0042143	chr16	4099732	4101557	-	0.055092
Crebbp	MmuINT0042144	chr16	4096519	4099674	-	0.073564
Crebbp	MmuINT0042145	chr16	4096131	4096440	-	0.037415
Crebbp	MmuINT0042146	chr16	4094787	4096062	-	0.030715
Crebbp	MmuINT0042147	chr16	4094321	4094635	-	0.019468
Crebbp	MmuINT0042148	chr16	4093586	4094173	-	0.030561

Crebbp	MmuINT0042149	chr16	4092356	4093471	-	0.031695
Crebbp	MmuINT0042150	chr16	4091960	4092189	-	0.018476
Crebbp	MmuINT0042151	chr16	4088406	4091791	-	0.02454
Crebbp	MmuINT0042152	chr16	4087963	4088243	-	0.030907
Crebbp	MmuINT0042153	chr16	4138986	4154856	-	0.039404
Crebbp	MmuINT0042154	chr16	4086199	4087680	-	0.018507
Crebbp	MmuINT0042155	chr16	4137480	4138744	-	0.033335
Crebbp	MmuINT0042156	chr16	4128687	4137365	-	0.040284
Crebbp	MmuINT0042157	chr16	4126973	4128443	-	0.031857
Crebbp	MmuINT0042158	chr16	4126614	4126869	-	0.037383
Crebbp	MmuINT0042159	chr16	4125763	4126466	-	0.037075
Crebbp	MmuINT0042160	chr16	4124808	4125644	-	0.03903
Crebl2	MmuINT0042161	chr6	1.35E+08	1.35E+08	+	0.036511
Crebl2	MmuINT0042162	chr6	1.35E+08	1.35E+08	+	0.038685
Crebl2	MmuINT0042163	chr6	1.35E+08	1.35E+08	+	0.033135
Crebl2	MmuINT0042164	chr6	1.35E+08	1.35E+08	+	0.062095
Creg1	MmuINT0042165	chr1	1.68E+08	1.68E+08	+	0.002024
Creg1	MmuINT0042166	chr1	1.68E+08	1.68E+08	+	0.001256
Creg1	MmuINT0042167	chr1	1.68E+08	1.68E+08	+	0.006245
CrelD1	MmuINT0042171	chr6	1.13E+08	1.13E+08	+	0.004655
CrelD1	MmuINT0042172	chr6	1.13E+08	1.13E+08	+	0.01326
CrelD1	MmuINT0042173	chr6	1.13E+08	1.13E+08	+	0.012323
CrelD1	MmuINT0042174	chr6	1.13E+08	1.13E+08	+	0.023241
CrelD1	MmuINT0042175	chr6	1.13E+08	1.13E+08	+	0.013549
CrelD1	MmuINT0042176	chr6	1.13E+08	1.13E+08	+	0.010741
CrelD1	MmuINT0042177	chr6	1.13E+08	1.13E+08	+	0.014413
CrelD1	MmuINT0042178	chr6	1.13E+08	1.13E+08	+	0.024087
CrelD1	MmuINT0042179	chr6	1.13E+08	1.13E+08	+	0.019932
CrelD2	MmuINT0042180	chr15	88650265	88650360	+	0.01654
CrelD2	MmuINT0042181	chr15	88650444	88650958	+	0.039867
CrelD2	MmuINT0042182	chr15	88651070	88651564	+	0.037382
CrelD2	MmuINT0042183	chr15	88651657	88652388	+	0.045627
CrelD2	MmuINT0042184	chr15	88652566	88653496	+	0.049818
CrelD2	MmuINT0042185	chr15	88653593	88654171	+	0.018303
CrelD2	MmuINT0042186	chr15	88654256	88655077	+	0.06187
CrelD2	MmuINT0042187	chr15	88655174	88655579	+	0.020333
CrelD2	MmuINT0042188	chr15	88655721	88656816	+	0.018622
Crem	MmuINT0042199	chr18	3295181	3295319	-	0.031921
Crhr2	MmuINT0042221	chr6	55073768	55082763	-	0.013159
Crhr2	MmuINT0042222	chr6	55043082	55043272	-	0.009347
Crhr2	MmuINT0042224	chr6	55041413	55042506	-	0.060949
Crhr2	MmuINT0042225	chr6	55067534	55073676	-	0.011466
Crhr2	MmuINT0042226	chr6	55054804	55067407	-	0.030335
Crhr2	MmuINT0042228	chr6	55052863	55053161	-	0.006975
Crhr2	MmuINT0042229	chr6	55050770	55052744	-	0.040537
Crhr2	MmuINT0042230	chr6	55050118	55050615	-	0.125072
Crhr2	MmuINT0042231	chr6	55049279	55050056	-	0.033129
Crhr2	MmuINT0042232	chr6	55043359	55049205	-	0.021114
Crim1	MmuINT0042233	chr17	78600440	78637081	+	0.01647
Crim1	MmuINT0042234	chr17	78745323	78746416	+	0.009934

Crim1	MmuINT0042235	chr17	78746627	78750023	+	0.009141
Crim1	MmuINT0042236	chr17	78750240	78754295	+	0.009059
Crim1	MmuINT0042237	chr17	78754518	78767131	+	0.011653
Crim1	MmuINT0042238	chr17	78767327	78769334	+	0.010235
Crim1	MmuINT0042239	chr17	78769458	78771917	+	0.010084
Crim1	MmuINT0042240	chr17	78772109	78773395	+	0.013122
Crim1	MmuINT0042241	chr17	78637256	78679312	+	0.037971
Crim1	MmuINT0042242	chr17	78679556	78680585	+	0.034882
Crim1	MmuINT0042243	chr17	78680707	78702326	+	0.01481
Crim1	MmuINT0042244	chr17	78702449	78712463	+	0.006043
Crim1	MmuINT0042245	chr17	78712647	78714888	+	0.008029
Crim1	MmuINT0042246	chr17	78715087	78734566	+	0.006366
Crim1	MmuINT0042247	chr17	78734696	78743689	+	0.007913
Crim1	MmuINT0042248	chr17	78743847	78745200	+	0.007366
Crip1	MmuINT0042249	chr12	1.14E+08	1.14E+08	+	0.041275
Crip1	MmuINT0042250	chr12	1.14E+08	1.14E+08	+	0.019853
Crip1	MmuINT0042251	chr12	1.14E+08	1.14E+08	+	0.036272
Crip1	MmuINT0042252	chr12	1.14E+08	1.14E+08	+	0.044579
Crip2	MmuINT0042253	chr12	1.14E+08	1.14E+08	+	0.021601
Crip2	MmuINT0042254	chr12	1.14E+08	1.14E+08	+	0.002992
Crip2	MmuINT0042255	chr12	1.14E+08	1.14E+08	+	0.002541
Crip2	MmuINT0042256	chr12	1.14E+08	1.14E+08	+	0.003327
Crip2	MmuINT0042257	chr12	1.14E+08	1.14E+08	+	0.005329
Crip2	MmuINT0042258	chr12	1.14E+08	1.14E+08	+	0.004462
Cript	MmuINT0042266	chr17	87425016	87427038	+	0.009232
Cript	MmuINT0042267	chr17	87427105	87430347	+	0.003062
Cript	MmuINT0042268	chr17	87430403	87433595	+	0.005
Cript	MmuINT0042269	chr17	87433700	87434317	+	0.003272
Crispld2	MmuINT0042313	chr8	1.23E+08	1.23E+08	+	0.013872
Crispld2	MmuINT0042314	chr8	1.23E+08	1.23E+08	+	0.01708
Crispld2	MmuINT0042315	chr8	1.23E+08	1.23E+08	+	0.022376
Crispld2	MmuINT0042316	chr8	1.23E+08	1.23E+08	+	0.01975
Crispld2	MmuINT0042317	chr8	1.23E+08	1.23E+08	+	0.034248
Crispld2	MmuINT0042318	chr8	1.23E+08	1.23E+08	+	0.013242
Crispld2	MmuINT0042319	chr8	1.23E+08	1.23E+08	+	0.012881
Crispld2	MmuINT0042320	chr8	1.23E+08	1.23E+08	+	0.018472
Crispld2	MmuINT0042321	chr8	1.23E+08	1.23E+08	+	0.015355
Crispld2	MmuINT0042322	chr8	1.23E+08	1.23E+08	+	0.017686
Crispld2	MmuINT0042323	chr8	1.23E+08	1.23E+08	+	0.027456
Crispld2	MmuINT0042324	chr8	1.23E+08	1.23E+08	+	0.028214
Crispld2	MmuINT0042325	chr8	1.23E+08	1.23E+08	+	0.019275
Crispld2	MmuINT0042326	chr8	1.23E+08	1.23E+08	+	0.023988
Crk	MmuINT0042327	chr11	75493167	75505698	+	0.010127
Crk	MmuINT0042328	chr11	75506235	75516867	+	0.028903
Crkl	MmuINT0042329	chr16	17452882	17468985	+	0.007511
Crkl	MmuINT0042330	chr16	17469452	17483753	+	0.026391
Crlf2	MmuINT0042341	chr5	1.1E+08	1.1E+08	-	0.083574
Crlf2	MmuINT0042342	chr5	1.1E+08	1.1E+08	-	0.101003
Crlf2	MmuINT0042343	chr5	1.1E+08	1.1E+08	-	0.103022
Crlf2	MmuINT0042344	chr5	1.1E+08	1.1E+08	-	0.136645

Crlf2	MmuINT0042345	chr5	1.1E+08	1.1E+08	-	0.039973
Crlf3	MmuINT0042346	chr11	79877902	79894285	-	0.025522
Crlf3	MmuINT0042347	chr11	79873688	79877693	-	0.013329
Crlf3	MmuINT0042348	chr11	79872880	79873599	-	0.025153
Crlf3	MmuINT0042349	chr11	79871517	79872701	-	0.02574
Crlf3	MmuINT0042350	chr11	79870087	79871293	-	0.011393
Crlf3	MmuINT0042351	chr11	79862207	79869953	-	0.052145
Crlf3	MmuINT0042352	chr11	79861240	79862093	-	0.118162
Crls1	MmuINT0042353	chr2	1.33E+08	1.33E+08	+	0.01637
Crls1	MmuINT0042354	chr2	1.33E+08	1.33E+08	+	0.007839
Crls1	MmuINT0042355	chr2	1.33E+08	1.33E+08	+	0.020284
Crls1	MmuINT0042356	chr2	1.33E+08	1.33E+08	+	0.008169
Crls1	MmuINT0042357	chr2	1.33E+08	1.33E+08	+	0.014669
Crls1	MmuINT0042358	chr2	1.33E+08	1.33E+08	+	0.00696
Crnk11	MmuINT0042373	chr2	1.46E+08	1.46E+08	-	0.009983
Crnk11	MmuINT0042374	chr2	1.46E+08	1.46E+08	-	0.018147
Crnk11	MmuINT0042375	chr2	1.46E+08	1.46E+08	-	0.013272
Crnk11	MmuINT0042376	chr2	1.46E+08	1.46E+08	-	0.008298
Crnk11	MmuINT0042377	chr2	1.46E+08	1.46E+08	-	0.01035
Crnk11	MmuINT0042378	chr2	1.46E+08	1.46E+08	-	0.011855
Crnk11	MmuINT0042379	chr2	1.46E+08	1.46E+08	-	0.019333
Crnk11	MmuINT0042380	chr2	1.46E+08	1.46E+08	-	0.010046
Crnk11	MmuINT0042382	chr2	1.46E+08	1.46E+08	-	0.003978
Crnk11	MmuINT0042383	chr2	1.46E+08	1.46E+08	-	0.009076
Crnk11	MmuINT0042384	chr2	1.46E+08	1.46E+08	-	0.009923
Crnk11	MmuINT0042385	chr2	1.46E+08	1.46E+08	-	0.017118
Crocc	MmuINT0042397	chr4	1.41E+08	1.41E+08	-	0.05745
Crocc	MmuINT0042401	chr4	1.41E+08	1.41E+08	-	0.058458
Crocc	MmuINT0042403	chr4	1.41E+08	1.41E+08	-	0.063218
Crocc	MmuINT0042406	chr4	1.41E+08	1.41E+08	-	0.033665
Crocc	MmuINT0042407	chr4	1.41E+08	1.41E+08	-	0.056939
Crocc	MmuINT0042408	chr4	1.41E+08	1.41E+08	-	0.034445
Crocc	MmuINT0042409	chr4	1.41E+08	1.41E+08	-	0.049398
Crocc	MmuINT0042411	chr4	1.41E+08	1.41E+08	-	0.033995
Crocc	MmuINT0042412	chr4	1.41E+08	1.41E+08	-	0.075478
Crocc	MmuINT0042414	chr4	1.41E+08	1.41E+08	-	0.120034
Crocc	MmuINT0042415	chr4	1.41E+08	1.41E+08	-	0.287432
Crocc	MmuINT0042416	chr4	1.41E+08	1.41E+08	-	0.116895
Crocc	MmuINT0042417	chr4	1.41E+08	1.41E+08	-	0.035372
Crocc	MmuINT0042418	chr4	1.41E+08	1.41E+08	-	0.043894
Crocc	MmuINT0042419	chr4	1.41E+08	1.41E+08	-	0.035873
Crocc	MmuINT0042420	chr4	1.41E+08	1.41E+08	-	0.162586
Crocc	MmuINT0042424	chr4	1.41E+08	1.41E+08	-	0.055088
Crot	MmuINT0042427	chr5	8996548	8997103	-	0.026404
Crot	MmuINT0042428	chr5	8974217	8976007	-	0.006706
Crot	MmuINT0042429	chr5	8974053	8974132	-	0.007146
Crot	MmuINT0042430	chr5	8973717	8973944	-	0.013726
Crot	MmuINT0042431	chr5	8970040	8973585	-	0.011404
Crot	MmuINT0042432	chr5	8969127	8969915	-	0.011512
Crot	MmuINT0042433	chr5	8968964	8969047	-	0.013034

Crot	MmuINT0042434	chr5	8968767	8968869	-	0.011704
Crot	MmuINT0042435	chr5	8966973	8968646	-	0.00719
Crot	MmuINT0042436	chr5	8993642	8996451	-	0.009585
Crot	MmuINT0042437	chr5	8989731	8993505	-	0.009205
Crot	MmuINT0042438	chr5	8988286	8989605	-	0.007901
Crot	MmuINT0042439	chr5	8987893	8988103	-	0.007373
Crot	MmuINT0042440	chr5	8983798	8987767	-	0.011929
Crot	MmuINT0042441	chr5	8978292	8983688	-	0.031935
Crot	MmuINT0042442	chr5	8977581	8978197	-	0.011333
Crot	MmuINT0042443	chr5	8976110	8977454	-	0.011662
Crtap	MmuINT0042468	chr9	1.14E+08	1.14E+08	-	0.006497
Crtap	MmuINT0042469	chr9	1.14E+08	1.14E+08	-	0.00549
Crtap	MmuINT0042470	chr9	1.14E+08	1.14E+08	-	0.007109
Crtap	MmuINT0042471	chr9	1.14E+08	1.14E+08	-	0.008715
Crtap	MmuINT0042472	chr9	1.14E+08	1.14E+08	-	0.027279
Crtap	MmuINT0042473	chr9	1.14E+08	1.14E+08	-	0.03398
Crtc1	MmuINT0042474	chr8	72932911	72963331	-	0.034815
Crtc1	MmuINT0042475	chr8	72915203	72915759	-	0.02907
Crtc1	MmuINT0042476	chr8	72912061	72915100	-	0.038062
Crtc1	MmuINT0042477	chr8	72911621	72911973	-	0.024545
Crtc1	MmuINT0042478	chr8	72910235	72911439	-	0.021604
Crtc1	MmuINT0042479	chr8	72930115	72932793	-	0.047577
Crtc1	MmuINT0042480	chr8	72929220	72929976	-	0.051462
Crtc1	MmuINT0042481	chr8	72926425	72929157	-	0.159548
Crtc1	MmuINT0042482	chr8	72924604	72926329	-	0.072992
Crtc1	MmuINT0042483	chr8	72922236	72924517	-	0.062961
Crtc1	MmuINT0042484	chr8	72921854	72922194	-	0.028612
Crtc1	MmuINT0042485	chr8	72916955	72921644	-	0.133603
Crtc1	MmuINT0042486	chr8	72916063	72916820	-	0.058785
Crtc2	MmuINT0042487	chr3	90058481	90061038	+	0.05293
Crtc2	MmuINT0042488	chr3	90064293	90064618	+	0.097628
Crtc2	MmuINT0042489	chr3	90065026	90066372	+	0.175301
Crtc2	MmuINT0042490	chr3	90066637	90067092	+	0.068846
Crtc2	MmuINT0042491	chr3	90067280	90067401	+	0.032117
Crtc2	MmuINT0042492	chr3	90061141	90061216	+	0.115141
Crtc2	MmuINT0042493	chr3	90061334	90062386	+	0.157053
Crtc2	MmuINT0042494	chr3	90062449	90063075	+	0.301036
Crtc2	MmuINT0042495	chr3	90063145	90063307	+	0.256701
Crtc2	MmuINT0042496	chr3	90063415	90063504	+	0.045771
Crtc2	MmuINT0042497	chr3	90063535	90063684	+	0.148367
Crtc2	MmuINT0042498	chr3	90063750	90063875	+	0.085947
Crtc2	MmuINT0042499	chr3	90063926	90064047	+	0.050715
Crtc3	MmuINT0042501	chr7	87740795	87743632	-	0.01653
Crtc3	MmuINT0042502	chr7	87737765	87740495	-	0.076015
Crtc3	MmuINT0042503	chr7	87737483	87737563	-	0.026322
Crtc3	MmuINT0042504	chr7	87735351	87737401	-	0.022123
Crtc3	MmuINT0042505	chr7	87734838	87735247	-	0.025157
Crtc3	MmuINT0042507	chr7	87765470	87774505	-	0.036578
Crtc3	MmuINT0042511	chr7	87750720	87754782	-	0.036623
Crtc3	MmuINT0042513	chr7	87743851	87749236	-	0.044436

Cry1	MmuINT0042521	chr10	84619940	84647058	-	0.027922
Cry1	MmuINT0042522	chr10	84596059	84605760	-	0.033306
Cry1	MmuINT0042523	chr10	84595904	84595986	-	0.030146
Cry1	MmuINT0042524	chr10	84595053	84595795	-	0.066268
Cry1	MmuINT0042525	chr10	84614101	84619830	-	0.032353
Cry1	MmuINT0042526	chr10	84611544	84613957	-	0.026374
Cry1	MmuINT0042527	chr10	84610741	84611358	-	0.031391
Cry1	MmuINT0042528	chr10	84609622	84610651	-	0.026519
Cry1	MmuINT0042529	chr10	84609401	84609480	-	0.031932
Cry1	MmuINT0042530	chr10	84607051	84609088	-	0.026237
Cry1	MmuINT0042531	chr10	84606587	84606898	-	0.029305
Cry1	MmuINT0042532	chr10	84605914	84606383	-	0.02433
Cry2	MmuINT0042533	chr2	92267168	92273968	-	0.030018
Cry2	MmuINT0042534	chr2	92264845	92267058	-	0.068465
Cry2	MmuINT0042535	chr2	92263220	92264701	-	0.042797
Cry2	MmuINT0042536	chr2	92262408	92263034	-	0.019106
Cry2	MmuINT0042537	chr2	92256452	92262318	-	0.010962
Cry2	MmuINT0042538	chr2	92254105	92256310	-	0.013642
Cry2	MmuINT0042539	chr2	92253576	92253792	-	0.06482
Cry2	MmuINT0042540	chr2	92253309	92253423	-	0.009677
Cry2	MmuINT0042541	chr2	92252864	92253105	-	0.018343
Cryab	MmuINT0042545	chr9	50561583	50562616	+	0.000981
Cryab	MmuINT0042546	chr9	50562740	50564396	+	0.001562
Cryba4	MmuINT0042557	chr5	1.13E+08	1.13E+08	-	0.012077
Cryba4	MmuINT0042558	chr5	1.13E+08	1.13E+08	-	0.016108
Cryba4	MmuINT0042559	chr5	1.13E+08	1.13E+08	-	0.009728
Cryba4	MmuINT0042560	chr5	1.13E+08	1.13E+08	-	0.009435
Crybb1	MmuINT0042561	chr5	1.13E+08	1.13E+08	+	0.039744
Crybb1	MmuINT0042563	chr5	1.13E+08	1.13E+08	+	0.093245
Crybb1	MmuINT0042564	chr5	1.13E+08	1.13E+08	+	0.052936
Crybb1	MmuINT0042565	chr5	1.13E+08	1.13E+08	+	0.073545
Crybb3	MmuINT0042573	chr5	1.14E+08	1.14E+08	-	0.568219
Crybg3	MmuINT0042575	chr16	59552401	59553932	-	0.009315
Crybg3	MmuINT0042576	chr16	59530057	59530156	-	0.008226
Crybg3	MmuINT0042577	chr16	59529082	59529929	-	0.012365
Crybg3	MmuINT0042578	chr16	59524797	59529048	-	0.036657
Crybg3	MmuINT0042579	chr16	59522040	59524686	-	0.008653
Crybg3	MmuINT0042580	chr16	59506147	59521909	-	0.005523
Crybg3	MmuINT0042581	chr16	59503075	59506006	-	0.009729
Crybg3	MmuINT0042582	chr16	59495595	59502950	-	0.005922
Crybg3	MmuINT0042583	chr16	59494653	59495435	-	0.007534
Crybg3	MmuINT0042584	chr16	59493512	59494492	-	0.039264
Crybg3	MmuINT0042585	chr16	59552114	59552355	-	0.015938
Crybg3	MmuINT0042586	chr16	59550376	59551997	-	0.010249
Crybg3	MmuINT0042587	chr16	59543992	59550227	-	0.009071
Crybg3	MmuINT0042588	chr16	59543117	59543854	-	0.029614
Crybg3	MmuINT0042589	chr16	59541922	59543001	-	0.010957
Crybg3	MmuINT0042590	chr16	59539765	59541885	-	0.013874
Crybg3	MmuINT0042591	chr16	59536651	59539630	-	0.007482
Crybg3	MmuINT0042592	chr16	59530303	59536523	-	0.011557

Cryl1	MmuINT0042609	chr14	58001703	58017244	-	0.028026
Cryl1	MmuINT0042610	chr14	57981886	58001594	-	0.023257
Cryl1	MmuINT0042611	chr14	57931967	57981758	-	0.048081
Cryl1	MmuINT0042612	chr14	57922625	57931804	-	0.024198
Cryl1	MmuINT0042613	chr14	57905308	57922429	-	0.032966
Cryl1	MmuINT0042614	chr14	57894861	57905201	-	0.041836
Cryl1	MmuINT0042615	chr14	57894400	57894753	-	0.020711
Cryz	MmuINT0042623	chr3	1.54E+08	1.54E+08	+	0.038101
Cryz	MmuINT0042624	chr3	1.54E+08	1.54E+08	+	0.011111
Cryz	MmuINT0042625	chr3	1.54E+08	1.54E+08	+	0.016055
Cryz	MmuINT0042626	chr3	1.54E+08	1.54E+08	+	0.017922
Cryz	MmuINT0042627	chr3	1.54E+08	1.54E+08	+	0.014581
Cryz	MmuINT0042628	chr3	1.54E+08	1.54E+08	+	0.013724
Cryz	MmuINT0042629	chr3	1.54E+08	1.54E+08	+	0.014907
Cryz	MmuINT0042630	chr3	1.54E+08	1.54E+08	+	0.014208
Cryzl1	MmuINT0042631	chr16	91717721	91728802	-	0.035476
Cryzl1	MmuINT0042632	chr16	91692950	91694426	-	0.103043
Cryzl1	MmuINT0042633	chr16	91690995	91692843	-	0.077432
Cryzl1	MmuINT0042634	chr16	91690161	91690948	-	0.018544
Cryzl1	MmuINT0042635	chr16	91715072	91717648	-	0.022153
Cryzl1	MmuINT0042636	chr16	91712513	91714993	-	0.014957
Cryzl1	MmuINT0042637	chr16	91709119	91712439	-	0.021286
Cryzl1	MmuINT0042638	chr16	91707539	91709073	-	0.014084
Cryzl1	MmuINT0042639	chr16	91701451	91707469	-	0.016782
Cryzl1	MmuINT0042640	chr16	91699534	91701316	-	0.012886
Cryzl1	MmuINT0042641	chr16	91695605	91699421	-	0.018291
Cryzl1	MmuINT0042642	chr16	91694546	91695505	-	0.161545
Cs	MmuINT0042643	chr10	1.28E+08	1.28E+08	+	0.000375
Cs	MmuINT0042644	chr10	1.28E+08	1.28E+08	+	0.000148
Cs	MmuINT0042645	chr10	1.28E+08	1.28E+08	+	0.000202
Cs	MmuINT0042646	chr10	1.28E+08	1.28E+08	+	0.000005
Cs	MmuINT0042648	chr10	1.28E+08	1.28E+08	+	0.000054
Cs	MmuINT0042649	chr10	1.28E+08	1.28E+08	+	0.001276
Cs	MmuINT0042651	chr10	1.28E+08	1.28E+08	+	0.000004
Cs	MmuINT0042652	chr10	1.28E+08	1.28E+08	+	0.000192
Csad	MmuINT0042653	chr15	1.02E+08	1.02E+08	-	0.061784
Csad	MmuINT0042654	chr15	1.02E+08	1.02E+08	-	0.064355
Csad	MmuINT0042655	chr15	1.02E+08	1.02E+08	-	0.017923
Csad	MmuINT0042656	chr15	1.02E+08	1.02E+08	-	0.033774
Csad	MmuINT0042657	chr15	1.02E+08	1.02E+08	-	0.13766
Csad	MmuINT0042658	chr15	1.02E+08	1.02E+08	-	0.089837
Csad	MmuINT0042659	chr15	1.02E+08	1.02E+08	-	0.015159
Csad	MmuINT0042660	chr15	1.02E+08	1.02E+08	-	0.014458
Csad	MmuINT0042661	chr15	1.02E+08	1.02E+08	-	0.014176
Csad	MmuINT0042662	chr15	1.02E+08	1.02E+08	-	0.055023
Csad	MmuINT0042663	chr15	1.02E+08	1.02E+08	-	0.029626
Csad	MmuINT0042664	chr15	1.02E+08	1.02E+08	-	0.038806
Csad	MmuINT0042665	chr15	1.02E+08	1.02E+08	-	0.15373
Csad	MmuINT0042666	chr15	1.02E+08	1.02E+08	-	0.045632
Csda	MmuINT0042667	chr6	1.31E+08	1.31E+08	-	0.003079



Csda	MmuINT0042668	chr6	1.31E+08	1.31E+08	-	0.0018
Csda	MmuINT0042669	chr6	1.31E+08	1.31E+08	-	0.000965
Csda	MmuINT0042670	chr6	1.31E+08	1.31E+08	-	0.002306
Csda	MmuINT0042671	chr6	1.31E+08	1.31E+08	-	0.004101
Csda	MmuINT0042672	chr6	1.31E+08	1.31E+08	-	0.006875
Csda	MmuINT0042673	chr6	1.31E+08	1.31E+08	-	0.001567
Csda	MmuINT0042674	chr6	1.31E+08	1.31E+08	-	0.001235
Csdc2	MmuINT0042677	chr15	81767418	81777060	+	0.015898
Csdc2	MmuINT0042678	chr15	81777363	81779003	+	0.024606
Csdc2	MmuINT0042679	chr15	81779127	81779535	+	0.007953
Csde1	MmuINT0042681	chr3	1.03E+08	1.03E+08	+	0.000824
Csde1	MmuINT0042682	chr3	1.03E+08	1.03E+08	+	0.000094
Csde1	MmuINT0042683	chr3	1.03E+08	1.03E+08	+	0.000825
Csde1	MmuINT0042684	chr3	1.03E+08	1.03E+08	+	0.000481
Csde1	MmuINT0042685	chr3	1.03E+08	1.03E+08	+	0.000416
Csde1	MmuINT0042686	chr3	1.03E+08	1.03E+08	+	0.00063
Csde1	MmuINT0042687	chr3	1.03E+08	1.03E+08	+	0.000749
Csde1	MmuINT0042688	chr3	1.03E+08	1.03E+08	+	0.001877
Csde1	MmuINT0042692	chr3	1.03E+08	1.03E+08	+	0.005958
Csde1	MmuINT0042693	chr3	1.03E+08	1.03E+08	+	0.005145
Csde1	MmuINT0042694	chr3	1.03E+08	1.03E+08	+	0.00441
Csde1	MmuINT0042695	chr3	1.03E+08	1.03E+08	+	0.017426
Csde1	MmuINT0042697	chr3	1.03E+08	1.03E+08	+	0.001038
Csde1	MmuINT0042699	chr3	1.03E+08	1.03E+08	+	0.001889
Cse1l	MmuINT0042700	chr2	1.67E+08	1.67E+08	+	0.017438
Cse1l	MmuINT0042701	chr2	1.67E+08	1.67E+08	+	0.005997
Cse1l	MmuINT0042702	chr2	1.67E+08	1.67E+08	+	0.005864
Cse1l	MmuINT0042703	chr2	1.67E+08	1.67E+08	+	0.00606
Cse1l	MmuINT0042704	chr2	1.67E+08	1.67E+08	+	0.007751
Cse1l	MmuINT0042705	chr2	1.67E+08	1.67E+08	+	0.007731
Cse1l	MmuINT0042706	chr2	1.67E+08	1.67E+08	+	0.010075
Cse1l	MmuINT0042707	chr2	1.67E+08	1.67E+08	+	0.017568
Cse1l	MmuINT0042708	chr2	1.67E+08	1.67E+08	+	0.015879
Cse1l	MmuINT0042709	chr2	1.67E+08	1.67E+08	+	0.008551
Cse1l	MmuINT0042710	chr2	1.67E+08	1.67E+08	+	0.012713
Cse1l	MmuINT0042711	chr2	1.67E+08	1.67E+08	+	0.010127
Cse1l	MmuINT0042712	chr2	1.67E+08	1.67E+08	+	0.012488
Cse1l	MmuINT0042713	chr2	1.67E+08	1.67E+08	+	0.014005
Cse1l	MmuINT0042714	chr2	1.67E+08	1.67E+08	+	0.018747
Cse1l	MmuINT0042715	chr2	1.67E+08	1.67E+08	+	0.013433
Cse1l	MmuINT0042716	chr2	1.67E+08	1.67E+08	+	0.064285
Cse1l	MmuINT0042717	chr2	1.67E+08	1.67E+08	+	0.006901
Cse1l	MmuINT0042718	chr2	1.67E+08	1.67E+08	+	0.00606
Cse1l	MmuINT0042719	chr2	1.67E+08	1.67E+08	+	0.006134
Cse1l	MmuINT0042720	chr2	1.67E+08	1.67E+08	+	0.008548
Cse1l	MmuINT0042721	chr2	1.67E+08	1.67E+08	+	0.007347
Cse1l	MmuINT0042722	chr2	1.67E+08	1.67E+08	+	0.006709
Cse1l	MmuINT0042723	chr2	1.67E+08	1.67E+08	+	0.004612
Csf1	MmuINT0042726	chr3	1.08E+08	1.08E+08	-	0.019366
Csf1	MmuINT0042727	chr3	1.08E+08	1.08E+08	-	0.013995

Csf1	MmuINT0042728	chr3	1.08E+08	1.08E+08	-	0.011546
Csf1	MmuINT0042729	chr3	1.08E+08	1.08E+08	-	0.03733
Csf1	MmuINT0042730	chr3	1.08E+08	1.08E+08	-	0.024593
Csf1	MmuINT0042731	chr3	1.08E+08	1.08E+08	-	0.035235
Csf1r	MmuINT0042733	chr18	61277377	61278605	+	0.015706
Csf1r	MmuINT0042734	chr18	61278722	61283852	+	0.019401
Csf1r	MmuINT0042735	chr18	61283980	61284130	+	0.053183
Csf1r	MmuINT0042736	chr18	61284236	61284466	+	0.051981
Csf1r	MmuINT0042737	chr18	61284578	61285327	+	0.009893
Csf1r	MmuINT0042738	chr18	61285491	61287518	+	0.021385
Csf1r	MmuINT0042739	chr18	61287608	61287722	+	0.016548
Csf1r	MmuINT0042740	chr18	61287821	61288640	+	0.014149
Csf1r	MmuINT0042741	chr18	61288764	61288923	+	0.014288
Csf1r	MmuINT0042742	chr18	61289036	61289356	+	0.009681
Csf1r	MmuINT0042743	chr18	61265653	61269269	+	0.009866
Csf1r	MmuINT0042744	chr18	61289457	61289757	+	0.009264
Csf1r	MmuINT0042745	chr18	61289867	61289957	+	0.006494
Csf1r	MmuINT0042746	chr18	61269528	61269874	+	0.011204
Csf1r	MmuINT0042747	chr18	61270160	61271611	+	0.039772
Csf1r	MmuINT0042748	chr18	61271749	61272355	+	0.026137
Csf1r	MmuINT0042749	chr18	61272516	61274404	+	0.025295
Csf1r	MmuINT0042750	chr18	61274592	61276694	+	0.01069
Csf1r	MmuINT0042751	chr18	61276811	61276945	+	0.015016
Csf1r	MmuINT0042752	chr18	61277067	61277185	+	0.012334
Csf2ra	MmuINT0042756	chr19	61303269	61304241	-	0.15855
Csf2ra	MmuINT0042757	chr19	61301118	61301226	-	0.124242
Csf2ra	MmuINT0042758	chr19	61300937	61301035	-	0.091382
Csf2ra	MmuINT0042759	chr19	61303088	61303174	-	0.112775
Csf2ra	MmuINT0042760	chr19	61302830	61302932	-	0.041858
Csf2ra	MmuINT0042761	chr19	61302558	61302708	-	0.296536
Csf2ra	MmuINT0042762	chr19	61302288	61302427	-	0.034864
Csf2ra	MmuINT0042763	chr19	61301959	61302117	-	0.62918
Csf2ra	MmuINT0042764	chr19	61301725	61301830	-	0.520057
Csf2ra	MmuINT0042765	chr19	61301556	61301694	-	0.539708
Csf2ra	MmuINT0042766	chr19	61301324	61301425	-	0.366186
Csf2rb	MmuINT0042767	chr15	78156529	78165487	+	0.058959
Csf2rb	MmuINT0042775	chr15	78171032	78171109	+	0.041161
Csf3r	MmuINT0042807	chr4	1.26E+08	1.26E+08	+	0.031298
Csgalnact2	MmuINT0042822	chr6	1.18E+08	1.18E+08	-	0.124033
Csgalnact2	MmuINT0042823	chr6	1.18E+08	1.18E+08	-	0.011326
Csgalnact2	MmuINT0042824	chr6	1.18E+08	1.18E+08	-	0.018689
Csgalnact2	MmuINT0042825	chr6	1.18E+08	1.18E+08	-	0.019276
Csgalnact2	MmuINT0042826	chr6	1.18E+08	1.18E+08	-	0.026752
Csgalnact2	MmuINT0042827	chr6	1.18E+08	1.18E+08	-	0.026136
Csgalnact2	MmuINT0042828	chr6	1.18E+08	1.18E+08	-	0.041705
Csk	MmuINT0042829	chr9	57479251	57492801	-	0.028197
Csk	MmuINT0042830	chr9	57475881	57475983	-	0.034218
Csk	MmuINT0042831	chr9	57475611	57475684	-	0.035925
Csk	MmuINT0042832	chr9	57475311	57475523	-	0.016942
Csk	MmuINT0042833	chr9	57478816	57479173	-	0.013981

Csk	MmuINT0042834	chr9	57478600	57478701	-	0.01322
Csk	MmuINT0042835	chr9	57478195	57478486	-	0.016012
Csk	MmuINT0042836	chr9	57477161	57477974	-	0.013562
Csk	MmuINT0042837	chr9	57476874	57477066	-	0.09674
Csk	MmuINT0042838	chr9	57476728	57476807	-	0.02139
Csk	MmuINT0042839	chr9	57476551	57476627	-	0.012808
Csk	MmuINT0042840	chr9	57476058	57476459	-	0.012778
Csnk1a1	MmuINT0043043	chr18	61715528	61716156	+	0.002879
Csnk1a1	MmuINT0043044	chr18	61716264	61727917	+	0.002543
Csnk1a1	MmuINT0043045	chr18	61728045	61729117	+	0.001399
Csnk1a1	MmuINT0043046	chr18	61729217	61735063	+	0.002032
Csnk1a1	MmuINT0043047	chr18	61735204	61736160	+	0.00181
Csnk1a1	MmuINT0043048	chr18	61736240	61736831	+	0.002006
Csnk1a1	MmuINT0043049	chr18	61736907	61738320	+	0.003166
Csnk1a1	MmuINT0043050	chr18	61738428	61739992	+	0.001074
Csnk1a1	MmuINT0043051	chr18	61740106	61747079	+	0.232403
Csnk1d	MmuINT0043054	chr11	1.21E+08	1.21E+08	-	0.008919
Csnk1d	MmuINT0043055	chr11	1.21E+08	1.21E+08	-	0.0072
Csnk1d	MmuINT0043056	chr11	1.21E+08	1.21E+08	-	0.00903
Csnk1d	MmuINT0043057	chr11	1.21E+08	1.21E+08	-	0.006561
Csnk1d	MmuINT0043058	chr11	1.21E+08	1.21E+08	-	0.023325
Csnk1d	MmuINT0043059	chr11	1.21E+08	1.21E+08	-	0.024397
Csnk1d	MmuINT0043060	chr11	1.21E+08	1.21E+08	-	0.007887
Csnk1d	MmuINT0043061	chr11	1.21E+08	1.21E+08	-	0.074858
Csnk1e	MmuINT0043063	chr15	79249618	79250334	-	0.102171
Csnk1e	MmuINT0043064	chr15	79260596	79269201	-	0.005517
Csnk1e	MmuINT0043065	chr15	79260291	79260484	-	0.006622
Csnk1e	MmuINT0043066	chr15	79256918	79260141	-	0.004638
Csnk1e	MmuINT0043067	chr15	79256101	79256688	-	0.003652
Csnk1e	MmuINT0043068	chr15	79255419	79255929	-	0.007816
Csnk1e	MmuINT0043069	chr15	79251441	79255269	-	0.084683
Csnk1e	MmuINT0043070	chr15	79251154	79251247	-	0.006092
Csnk1e	MmuINT0043071	chr15	79250399	79251013	-	0.027687
Csnk1g1	MmuINT0043074	chr9	65860662	65867608	+	0.056106
Csnk1g1	MmuINT0043075	chr9	65867720	65880045	+	0.088522
Csnk1g1	MmuINT0043076	chr9	65880153	65887383	+	0.087354
Csnk1g1	MmuINT0043078	chr9	65806529	65821285	+	0.088877
Csnk1g1	MmuINT0043079	chr9	65821327	65828709	+	0.048178
Csnk1g1	MmuINT0043081	chr9	65847354	65849853	+	0.038795
Csnk1g1	MmuINT0043082	chr9	65850089	65855546	+	0.0644
Csnk1g1	MmuINT0043084	chr9	65857955	65858228	+	0.061205
Csnk1g2	MmuINT0043086	chr10	80100825	80100905	+	0.066808
Csnk1g2	MmuINT0043087	chr10	80085696	80096958	+	0.007108
Csnk1g2	MmuINT0043088	chr10	80102620	80102766	+	0.007665
Csnk1g2	MmuINT0043089	chr10	80097387	80100632	+	0.011497
Csnk1g2	MmuINT0043090	chr10	80101374	80101450	+	0.003578
Csnk1g2	MmuINT0043091	chr10	80101537	80101624	+	0.005251
Csnk1g2	MmuINT0043092	chr10	80101710	80101829	+	0.002474
Csnk1g2	MmuINT0043093	chr10	80101979	80102324	+	0.038641
Csnk1g2	MmuINT0043094	chr10	80102409	80102512	+	0.018293

Csnk1g3	MmuINT0043095	chr18	54022255	54055184	+	0.069642
Csnk1g3	MmuINT0043096	chr18	54093200	54107701	+	0.056823
Csnk1g3	MmuINT0043097	chr18	54107809	54108298	+	0.020877
Csnk1g3	MmuINT0043098	chr18	54108323	54112898	+	0.020682
Csnk1g3	MmuINT0043099	chr18	54055609	54062506	+	0.038192
Csnk1g3	MmuINT0043100	chr18	54062548	54066253	+	0.062356
Csnk1g3	MmuINT0043101	chr18	54066324	54076628	+	0.027985
Csnk1g3	MmuINT0043105	chr18	54090017	54091844	+	0.034732
Csnk1g3	MmuINT0043106	chr18	54091994	54093103	+	0.022031
Csnk2a2	MmuINT0043119	chr8	98011577	98012243	-	0.145067
Csnk2a2	MmuINT0043120	chr8	97977344	97979757	-	0.007483
Csnk2a2	MmuINT0043121	chr8	97972319	97977249	-	0.272533
Csnk2a2	MmuINT0043122	chr8	98001214	98011464	-	0.025001
Csnk2a2	MmuINT0043123	chr8	97997322	98001111	-	0.045033
Csnk2a2	MmuINT0043124	chr8	97989611	97997270	-	0.040141
Csnk2a2	MmuINT0043125	chr8	97985530	97989550	-	0.012244
Csnk2a2	MmuINT0043126	chr8	97984689	97985445	-	0.012904
Csnk2a2	MmuINT0043127	chr8	97984074	97984577	-	0.015258
Csnk2a2	MmuINT0043128	chr8	97981389	97983971	-	0.052818
Csnk2a2	MmuINT0043129	chr8	97979907	97981287	-	0.009429
Csnk2b	MmuINT0043130	chr17	35257473	35258066	-	0.003527
Csnk2b	MmuINT0043131	chr17	35256802	35257389	-	0.008979
Csnk2b	MmuINT0043132	chr17	35255520	35256698	-	0.017398
Csnk2b	MmuINT0043133	chr17	35255017	35255403	-	0.003522
Csnk2b	MmuINT0043134	chr17	35254831	35254940	-	0.018181
Csnk2b	MmuINT0043135	chr17	35253371	35254640	-	0.00608
Cspg4	MmuINT0043139	chr9	56738348	56738796	+	0.079175
Cspg4	MmuINT0043140	chr9	56738974	56740121	+	0.052672
Cspg4	MmuINT0043141	chr9	56740321	56740423	+	0.059835
Cspg4	MmuINT0043142	chr9	56740559	56740661	+	0.038368
Cspg4	MmuINT0043143	chr9	56740829	56744398	+	0.13285
Cspg4	MmuINT0043144	chr9	56744583	56744862	+	0.021833
Cspp1	MmuINT0043155	chr1	10086095	10094292	+	0.115141
Cspp1	MmuINT0043156	chr1	10094446	10098449	+	0.060151
Cspp1	MmuINT0043157	chr1	10098563	10102473	+	0.072309
Cspp1	MmuINT0043164	chr1	10116561	10117503	+	0.050685
Cspp1	MmuINT0043168	chr1	10123355	10124172	+	0.086483
Cspp1	MmuINT0043169	chr1	10124312	10126014	+	0.102911
Csrnp1	MmuINT0043178	chr9	1.2E+08	1.2E+08	-	0.039496
Csrnp1	MmuINT0043179	chr9	1.2E+08	1.2E+08	-	0.027697
Csrnp1	MmuINT0043180	chr9	1.2E+08	1.2E+08	-	0.013493
Csrnp2	MmuINT0043183	chr15	1E+08	1E+08	-	0.589112
Csrnp2	MmuINT0043184	chr15	1E+08	1E+08	-	0.618349
Csrp1	MmuINT0043192	chr1	1.38E+08	1.38E+08	+	0.007708
Csrp1	MmuINT0043193	chr1	1.38E+08	1.38E+08	+	0.006514
Csrp1	MmuINT0043194	chr1	1.38E+08	1.38E+08	+	0.013508
Csrp1	MmuINT0043195	chr1	1.38E+08	1.38E+08	+	0.030286
Csrp1	MmuINT0043196	chr1	1.38E+08	1.38E+08	+	0.031652
Csrp2	MmuINT0043197	chr10	1.1E+08	1.1E+08	+	0.024721
Csrp2	MmuINT0043198	chr10	1.1E+08	1.1E+08	+	0.01963

Csrp2	MmuINT0043199	chr10	1.1E+08	1.1E+08	+	0.020301
Csrp2	MmuINT0043200	chr10	1.1E+08	1.1E+08	+	0.01246
Csrp2	MmuINT0043201	chr10	1.1E+08	1.1E+08	+	0.077506
Csrp2bp	MmuINT0043202	chr2	1.44E+08	1.44E+08	+	0.046435
Csrp2bp	MmuINT0043203	chr2	1.44E+08	1.44E+08	+	0.05575
Csrp2bp	MmuINT0043204	chr2	1.44E+08	1.44E+08	+	0.014523
Csrp2bp	MmuINT0043205	chr2	1.44E+08	1.44E+08	+	0.019688
Csrp2bp	MmuINT0043206	chr2	1.44E+08	1.44E+08	+	0.020764
Csrp2bp	MmuINT0043207	chr2	1.44E+08	1.44E+08	+	0.043605
Csrp2bp	MmuINT0043208	chr2	1.44E+08	1.44E+08	+	0.015078
Csrp2bp	MmuINT0043209	chr2	1.44E+08	1.44E+08	+	0.084376
Csrp2bp	MmuINT0043210	chr2	1.44E+08	1.44E+08	+	0.009386
Csrp3	MmuINT0043212	chr7	56091006	56094790	-	0.000872
Csrp3	MmuINT0043213	chr7	56089242	56090836	-	0.004127
Csrp3	MmuINT0043214	chr7	56088026	56089108	-	0.007332
Csrp3	MmuINT0043215	chr7	56086077	56087931	-	0.003281
Cst3	MmuINT0043225	chr2	1.49E+08	1.49E+08	-	0.001078
Cst3	MmuINT0043226	chr2	1.49E+08	1.49E+08	-	0.001184
Cst6	MmuINT0043227	chr19	5348523	5349094	-	0.014317
Cst6	MmuINT0043228	chr19	5348050	5348396	-	0.010909
Cstb	MmuINT0043240	chr10	77888603	77889671	+	0.007374
Cstb	MmuINT0043241	chr10	77889774	77890055	+	0.00429
Cstf1	MmuINT0043242	chr2	1.72E+08	1.72E+08	+	0.015112
Cstf1	MmuINT0043243	chr2	1.72E+08	1.72E+08	+	0.015538
Cstf1	MmuINT0043244	chr2	1.72E+08	1.72E+08	+	0.011496
Cstf1	MmuINT0043245	chr2	1.72E+08	1.72E+08	+	0.030808
Cstf1	MmuINT0043246	chr2	1.72E+08	1.72E+08	+	0.062043
Cstf2	MmuINT0043247	chrX	1.31E+08	1.31E+08	+	0.040034
Cstf2	MmuINT0043248	chrX	1.31E+08	1.31E+08	+	0.020493
Cstf2	MmuINT0043249	chrX	1.31E+08	1.31E+08	+	0.08863
Cstf2	MmuINT0043250	chrX	1.31E+08	1.31E+08	+	0.045726
Cstf2	MmuINT0043251	chrX	1.31E+08	1.31E+08	+	0.040978
Cstf2	MmuINT0043252	chrX	1.31E+08	1.31E+08	+	0.017881
Cstf2	MmuINT0043253	chrX	1.31E+08	1.31E+08	+	0.022273
Cstf2	MmuINT0043254	chrX	1.31E+08	1.31E+08	+	0.024757
Cstf2	MmuINT0043255	chrX	1.31E+08	1.31E+08	+	0.033625
Cstf2	MmuINT0043256	chrX	1.31E+08	1.31E+08	+	0.024656
Cstf2	MmuINT0043257	chrX	1.31E+08	1.31E+08	+	0.02863
Cstf2	MmuINT0043258	chrX	1.31E+08	1.31E+08	+	0.183373
Cstf2	MmuINT0043259	chrX	1.31E+08	1.31E+08	+	0.021489
Cstf3	MmuINT0043260	chr2	1.04E+08	1.04E+08	+	0.042057
Cstf3	MmuINT0043261	chr2	1.04E+08	1.04E+08	+	0.032782
Cstf3	MmuINT0043262	chr2	1.04E+08	1.04E+08	+	0.051224
Cstf3	MmuINT0043263	chr2	1.04E+08	1.04E+08	+	0.045963
Cstf3	MmuINT0043264	chr2	1.04E+08	1.04E+08	+	0.05427
Cstf3	MmuINT0043265	chr2	1.04E+08	1.04E+08	+	0.097144
Cstf3	MmuINT0043266	chr2	1.04E+08	1.05E+08	+	0.065379
Cstf3	MmuINT0043267	chr2	1.05E+08	1.05E+08	+	0.118869
Cstf3	MmuINT0043268	chr2	1.05E+08	1.05E+08	+	0.092902
Cstf3	MmuINT0043269	chr2	1.05E+08	1.05E+08	+	0.076383

Cstf3	MmuINT0043270	chr2	1.05E+08	1.05E+08	+	0.093918
Cstf3	MmuINT0043271	chr2	1.04E+08	1.04E+08	+	0.060279
Cstf3	MmuINT0043272	chr2	1.04E+08	1.04E+08	+	0.047107
Cstf3	MmuINT0043273	chr2	1.04E+08	1.04E+08	+	0.036037
Cstf3	MmuINT0043274	chr2	1.04E+08	1.04E+08	+	0.030127
Cstf3	MmuINT0043275	chr2	1.04E+08	1.04E+08	+	0.040802
Cstf3	MmuINT0043276	chr2	1.04E+08	1.04E+08	+	0.036819
Cstf3	MmuINT0043277	chr2	1.04E+08	1.04E+08	+	0.020481
Ctage5	MmuINT0043285	chr12	60230884	60237050	+	0.05992
Ctage5	MmuINT0043286	chr12	60255466	60259239	+	0.005586
Ctage5	MmuINT0043289	chr12	60261254	60263867	+	0.00373
Ctage5	MmuINT0043290	chr12	60264007	60269920	+	0.000925
Ctage5	MmuINT0043291	chr12	60270023	60271244	+	0.003525
Ctage5	MmuINT0043292	chr12	60271306	60271943	+	0.005076
Ctage5	MmuINT0043293	chr12	60271980	60273511	+	0.00333
Ctage5	MmuINT0043294	chr12	60273580	60275092	+	0.005836
Ctage5	MmuINT0043295	chr12	60275176	60277317	+	0.22896
Ctage5	MmuINT0043296	chr12	60237183	60238567	+	0.002855
Ctage5	MmuINT0043297	chr12	60277447	60280836	+	0.264832
Ctage5	MmuINT0043298	chr12	60280996	60285173	+	0.005492
Ctage5	MmuINT0043299	chr12	60285291	60286715	+	0.004721
Ctage5	MmuINT0043300	chr12	60286775	60289297	+	0.004825
Ctage5	MmuINT0043301	chr12	60289533	60290622	+	0.005916
Ctage5	MmuINT0043302	chr12	60238590	60238684	+	0.002126
Ctage5	MmuINT0043303	chr12	60238774	60245685	+	0.062381
Ctage5	MmuINT0043304	chr12	60245758	60247322	+	0.06897
Ctage5	MmuINT0043305	chr12	60247350	60247833	+	0.011027
Ctage5	MmuINT0043306	chr12	60247945	60248838	+	0.00339
Ctage5	MmuINT0043307	chr12	60248911	60250450	+	0.004082
Ctage5	MmuINT0043308	chr12	60250556	60255342	+	0.003153
Ctbp1	MmuINT0043309	chr5	33609687	33617427	-	0.010354
Ctbp1	MmuINT0043310	chr5	33603803	33609531	-	0.001212
Ctbp1	MmuINT0043311	chr5	33601994	33603657	-	0.001151
Ctbp1	MmuINT0043312	chr5	33593722	33601786	-	0.005094
Ctbp1	MmuINT0043313	chr5	33593151	33593506	-	0.001062
Ctbp1	MmuINT0043314	chr5	33592364	33593019	-	0.028993
Ctbp1	MmuINT0043315	chr5	33591874	33592235	-	0.018248
Ctbp1	MmuINT0043316	chr5	33591336	33591755	-	0.021517
Ctbp2	MmuINT0043318	chr7	1.4E+08	1.4E+08	-	0.026102
Ctbp2	MmuINT0043319	chr7	1.4E+08	1.4E+08	-	0.009996
Ctbp2	MmuINT0043320	chr7	1.4E+08	1.4E+08	-	0.024223
Ctbp2	MmuINT0043321	chr7	1.4E+08	1.4E+08	-	0.020898
Ctbp2	MmuINT0043322	chr7	1.4E+08	1.4E+08	-	0.014494
Ctbp2	MmuINT0043323	chr7	1.4E+08	1.4E+08	-	0.014777
Ctbp2	MmuINT0043324	chr7	1.4E+08	1.4E+08	-	0.012245
Ctbp2	MmuINT0043325	chr7	1.4E+08	1.4E+08	-	0.014834
Ctbp2	MmuINT0043326	chr7	1.4E+08	1.4E+08	-	0.017276
Ctbp2	MmuINT0043327	chr7	1.4E+08	1.4E+08	-	0.018559
Ctbs	MmuINT0043328	chr3	1.46E+08	1.46E+08	+	0.074486
Ctbs	MmuINT0043330	chr3	1.46E+08	1.46E+08	+	0.096852

Ctcf	MmuINT0043332	chr8	1.08E+08	1.08E+08	+	0.089582
Ctcf	MmuINT0043333	chr8	1.08E+08	1.08E+08	+	0.061811
Ctcf	MmuINT0043334	chr8	1.08E+08	1.08E+08	+	0.088534
Ctcf	MmuINT0043335	chr8	1.08E+08	1.08E+08	+	0.007637
Ctcf	MmuINT0043336	chr8	1.08E+08	1.08E+08	+	0.008577
Ctcf	MmuINT0043337	chr8	1.08E+08	1.08E+08	+	0.007166
Ctcf	MmuINT0043338	chr8	1.08E+08	1.08E+08	+	0.009037
Ctcf	MmuINT0043339	chr8	1.08E+08	1.08E+08	+	0.010229
Ctcf	MmuINT0043340	chr8	1.08E+08	1.08E+08	+	0.008346
Ctcf	MmuINT0043341	chr8	1.08E+08	1.08E+08	+	0.007994
Ctcf	MmuINT0043342	chr8	1.08E+08	1.08E+08	+	0.007117
Ctdp1	MmuINT0043354	chr18	80631068	80642624	-	0.029314
Ctdp1	MmuINT0043355	chr18	80617370	80630904	-	0.022517
Ctdp1	MmuINT0043356	chr18	80605521	80617181	-	0.033199
Ctdp1	MmuINT0043357	chr18	80656035	80656668	-	0.065229
Ctdp1	MmuINT0043358	chr18	80655565	80655940	-	0.037135
Ctdp1	MmuINT0043359	chr18	80652844	80655435	-	0.023601
Ctdp1	MmuINT0043360	chr18	80649135	80652692	-	0.036157
Ctdp1	MmuINT0043361	chr18	80648061	80649043	-	0.025955
Ctdp1	MmuINT0043362	chr18	80646988	80647893	-	0.038802
Ctdp1	MmuINT0043363	chr18	80644305	80645979	-	0.02929
Ctdp1	MmuINT0043364	chr18	80642835	80644162	-	0.028082
Ctdsp1	MmuINT0043365	chr1	74438539	74439851	+	0.007641
Ctdsp1	MmuINT0043366	chr1	74440001	74440370	+	0.020459
Ctdsp1	MmuINT0043367	chr1	74440476	74440592	+	0.005819
Ctdsp1	MmuINT0043368	chr1	74440650	74441213	+	0.042617
Ctdsp1	MmuINT0043369	chr1	74441307	74441410	+	0.003075
Ctdsp1	MmuINT0043370	chr1	74441597	74442029	+	0.001822
Ctdspl2	MmuINT0043384	chr2	1.22E+08	1.22E+08	+	0.010658
Ctdspl2	MmuINT0043387	chr2	1.22E+08	1.22E+08	+	0.071745
Ctdspl2	MmuINT0043388	chr2	1.22E+08	1.22E+08	+	0.00147
Ctdspl2	MmuINT0043391	chr2	1.22E+08	1.22E+08	+	0.016713
Ctdspl2	MmuINT0043394	chr2	1.22E+08	1.22E+08	+	0.060316
Ctgf	MmuINT0043400	chr10	24315595	24315681	+	0.09607
Ctgf	MmuINT0043401	chr10	24315905	24316152	+	0.033746
Ctgf	MmuINT0043402	chr10	24316405	24316537	+	0.010237
Ctgf	MmuINT0043403	chr10	24316750	24317120	+	0.017415
Ctla2b	MmuINT0043422	chr13	60998107	60998695	-	0.967279
Ctnna1	MmuINT0043428	chr18	35278636	35312254	+	0.001897
Ctnna1	MmuINT0043429	chr18	35395355	35399036	+	0.000658
Ctnna1	MmuINT0043430	chr18	35399194	35403608	+	0.001328
Ctnna1	MmuINT0043431	chr18	35403810	35404350	+	0.003669
Ctnna1	MmuINT0043432	chr18	35404503	35409355	+	0.011319
Ctnna1	MmuINT0043433	chr18	35409467	35410499	+	0.001125
Ctnna1	MmuINT0043434	chr18	35410682	35410819	+	0.003338
Ctnna1	MmuINT0043435	chr18	35410926	35412269	+	0.020332
Ctnna1	MmuINT0043436	chr18	35412405	35413258	+	0.003943
Ctnna1	MmuINT0043437	chr18	35312362	35313998	+	0.000475
Ctnna1	MmuINT0043438	chr18	35314195	35333906	+	0.00052
Ctnna1	MmuINT0043439	chr18	35334074	35334750	+	0.00077

Ctnna1	MmuINT0043440	chr18	35334871	35339338	+	0.000824
Ctnna1	MmuINT0043441	chr18	35339609	35342003	+	0.000587
Ctnna1	MmuINT0043442	chr18	35342208	35381718	+	0.001206
Ctnna1	MmuINT0043443	chr18	35381800	35383076	+	0.000775
Ctnna1	MmuINT0043444	chr18	35383230	35395261	+	0.000507
Ctnna3	MmuINT0043468	chr10	64336091	64408666	+	0.010716
Ctnna3	MmuINT0043469	chr10	64408773	64422517	+	0.010038
Ctnna3	MmuINT0043470	chr10	64422653	64465293	+	0.009605
Ctnna3	MmuINT0043471	chr10	63315574	63713445	+	0.025205
Ctnna3	MmuINT0043472	chr10	63713527	63723560	+	0.012391
Ctnna3	MmuINT0043473	chr10	63723714	63871938	+	0.015477
Ctnna3	MmuINT0043474	chr10	63872032	63950209	+	0.010895
Ctnna3	MmuINT0043475	chr10	63950367	64048707	+	0.017349
Ctnna3	MmuINT0043476	chr10	64048909	64138512	+	0.010193
Ctnna3	MmuINT0043477	chr10	64138665	64297325	+	0.011072
Ctnna3	MmuINT0043478	chr10	64297419	64335908	+	0.008962
Ctnna3	MmuINT0043480	chr10	62966884	63000268	+	0.014644
Ctnna3	MmuINT0043481	chr10	63000462	63029551	+	0.01421
Ctnna3	MmuINT0043482	chr10	63029719	63044691	+	0.014541
Ctnna3	MmuINT0043483	chr10	63044812	63282969	+	0.013786
Ctnna1	MmuINT0043489	chr4	56830016	56830118	-	0.013343
Ctnna1	MmuINT0043491	chr4	56826759	56829052	-	0.033976
Ctnna1	MmuINT0043493	chr4	56825467	56826049	-	0.015669
Ctnna1	MmuINT0043494	chr4	56825261	56825382	-	0.009622
Ctnna1	MmuINT0043495	chr4	56857507	56860681	-	0.011881
Ctnna1	MmuINT0043496	chr4	56854553	56857318	-	0.013798
Ctnna1	MmuINT0043497	chr4	56851928	56854432	-	0.018649
Ctnna1	MmuINT0043501	chr4	56842515	56845777	-	0.015033
Ctnna1	MmuINT0043502	chr4	56840217	56842355	-	0.012231
Ctnnb1	MmuINT0043503	chr9	1.21E+08	1.21E+08	+	0.003629
Ctnnb1	MmuINT0043504	chr9	1.21E+08	1.21E+08	+	0.001048
Ctnnb1	MmuINT0043505	chr9	1.21E+08	1.21E+08	+	0.002404
Ctnnb1	MmuINT0043506	chr9	1.21E+08	1.21E+08	+	0.003253
Ctnnb1	MmuINT0043507	chr9	1.21E+08	1.21E+08	+	0.027991
Ctnnb1	MmuINT0043508	chr9	1.21E+08	1.21E+08	+	0.001159
Ctnnb1	MmuINT0043509	chr9	1.21E+08	1.21E+08	+	0.000651
Ctnnb1	MmuINT0043510	chr9	1.21E+08	1.21E+08	+	0.001041
Ctnnb1	MmuINT0043511	chr9	1.21E+08	1.21E+08	+	0.001507
Ctnnb1	MmuINT0043512	chr9	1.21E+08	1.21E+08	+	0.000669
Ctnnb1	MmuINT0043513	chr9	1.21E+08	1.21E+08	+	0.000933
Ctnnb1	MmuINT0043514	chr9	1.21E+08	1.21E+08	+	0.001382
Ctnnb1	MmuINT0043515	chr9	1.21E+08	1.21E+08	+	0.002849
Ctnnbip1	MmuINT0043518	chr4	1.49E+08	1.49E+08	+	0.061292
Ctnnbip1	MmuINT0043519	chr4	1.49E+08	1.49E+08	+	0.013695
Ctnnbip1	MmuINT0043520	chr4	1.49E+08	1.49E+08	+	0.007524
Ctnnbip1	MmuINT0043521	chr4	1.49E+08	1.49E+08	+	0.014382
Ctnnbl1	MmuINT0043522	chr2	1.58E+08	1.58E+08	+	0.011472
Ctnnbl1	MmuINT0043523	chr2	1.58E+08	1.58E+08	+	0.014529
Ctnnbl1	MmuINT0043524	chr2	1.58E+08	1.58E+08	+	0.016761
Ctnnbl1	MmuINT0043525	chr2	1.58E+08	1.58E+08	+	0.026261



Ctnnbl1	MmuINT0043526	chr2	1.58E+08	1.58E+08	+	0.019052
Ctnnbl1	MmuINT0043527	chr2	1.58E+08	1.58E+08	+	0.014479
Ctnnbl1	MmuINT0043528	chr2	1.58E+08	1.58E+08	+	0.045656
Ctnnbl1	MmuINT0043529	chr2	1.58E+08	1.58E+08	+	0.034408
Ctnnbl1	MmuINT0043530	chr2	1.58E+08	1.58E+08	+	0.015967
Ctnnbl1	MmuINT0043531	chr2	1.58E+08	1.58E+08	+	0.121182
Ctnnbl1	MmuINT0043532	chr2	1.58E+08	1.58E+08	+	0.022341
Ctnnbl1	MmuINT0043533	chr2	1.58E+08	1.58E+08	+	0.020809
Ctnnbl1	MmuINT0043534	chr2	1.58E+08	1.58E+08	+	0.024457
Ctnnbl1	MmuINT0043535	chr2	1.58E+08	1.58E+08	+	0.026273
Ctnnbl1	MmuINT0043536	chr2	1.58E+08	1.58E+08	+	0.023619
Ctnnd1	MmuINT0043542	chr2	84464716	84490562	-	0.013253
Ctnnd1	MmuINT0043543	chr2	84451048	84452180	-	0.010468
Ctnnd1	MmuINT0043544	chr2	84450816	84450919	-	0.011229
Ctnnd1	MmuINT0043545	chr2	84449880	84450664	-	0.01996
Ctnnd1	MmuINT0043546	chr2	84449232	84449686	-	0.004661
Ctnnd1	MmuINT0043547	chr2	84448574	84449116	-	0.00957
Ctnnd1	MmuINT0043548	chr2	84443910	84448485	-	0.026941
Ctnnd1	MmuINT0043549	chr2	84443061	84443805	-	0.04197
Ctnnd1	MmuINT0043550	chr2	84462240	84464426	-	0.017235
Ctnnd1	MmuINT0043551	chr2	84461145	84462167	-	0.006729
Ctnnd1	MmuINT0043552	chr2	84460612	84460991	-	0.009179
Ctnnd1	MmuINT0043553	chr2	84457101	84460075	-	0.00598
Ctnnd1	MmuINT0043554	chr2	84455429	84456636	-	0.004251
Ctnnd1	MmuINT0043555	chr2	84454163	84455244	-	0.00489
Ctnnd1	MmuINT0043556	chr2	84453247	84454044	-	0.007561
Ctnnd1	MmuINT0043557	chr2	84452250	84453092	-	0.051999
Ctns	MmuINT0043582	chr11	73010220	73012419	-	0.094198
Ctns	MmuINT0043583	chr11	72998554	72998739	-	0.028423
Ctns	MmuINT0043585	chr11	73005265	73006556	-	0.030418
Ctns	MmuINT0043586	chr11	73002295	73005179	-	0.141108
Ctns	MmuINT0043587	chr11	73002064	73002190	-	0.073565
Ctns	MmuINT0043588	chr11	73001339	73001931	-	0.043534
Ctns	MmuINT0043589	chr11	73001144	73001238	-	0.05287
Ctns	MmuINT0043590	chr11	72999962	73001023	-	0.306659
Ctns	MmuINT0043591	chr11	72998858	72999790	-	0.203723
Ctps	MmuINT0043592	chr4	1.2E+08	1.2E+08	-	0.000694
Ctps	MmuINT0043593	chr4	1.2E+08	1.2E+08	-	0.002177
Ctps	MmuINT0043595	chr4	1.2E+08	1.2E+08	-	0.006836
Ctps	MmuINT0043596	chr4	1.2E+08	1.2E+08	-	0.012213
Ctps	MmuINT0043597	chr4	1.2E+08	1.2E+08	-	0.005265
Ctps	MmuINT0043599	chr4	1.2E+08	1.2E+08	-	0.01142
Ctps	MmuINT0043600	chr4	1.2E+08	1.2E+08	-	0.009313
Ctps	MmuINT0043603	chr4	1.2E+08	1.2E+08	-	0.00792
Ctps	MmuINT0043604	chr4	1.2E+08	1.2E+08	-	0.005088
Ctps	MmuINT0043606	chr4	1.2E+08	1.2E+08	-	0.004683
Ctps	MmuINT0043607	chr4	1.2E+08	1.2E+08	-	0.001529
Ctps	MmuINT0043608	chr4	1.2E+08	1.2E+08	-	0.007428
Ctps	MmuINT0043609	chr4	1.2E+08	1.2E+08	-	0.015589
Ctps2	MmuINT0043610	chrX	1.59E+08	1.59E+08	+	0.02809

Ctps2	MmuINT0043611	chrX	1.59E+08	1.59E+08	+	0.268382
Ctps2	MmuINT0043612	chrX	1.59E+08	1.59E+08	+	0.034422
Ctps2	MmuINT0043613	chrX	1.59E+08	1.59E+08	+	0.029818
Ctps2	MmuINT0043614	chrX	1.59E+08	1.59E+08	+	0.035789
Ctps2	MmuINT0043615	chrX	1.59E+08	1.59E+08	+	0.034989
Ctps2	MmuINT0043616	chrX	1.59E+08	1.59E+08	+	0.029299
Ctps2	MmuINT0043617	chrX	1.59E+08	1.59E+08	+	0.031112
Ctps2	MmuINT0043618	chrX	1.59E+08	1.59E+08	+	0.028669
Ctps2	MmuINT0043619	chrX	1.59E+08	1.59E+08	+	0.02424
Ctps2	MmuINT0043620	chrX	1.59E+08	1.59E+08	+	0.025267
Ctps2	MmuINT0043621	chrX	1.59E+08	1.59E+08	+	0.029989
Ctps2	MmuINT0043622	chrX	1.59E+08	1.59E+08	+	0.054677
Ctps2	MmuINT0043623	chrX	1.59E+08	1.59E+08	+	0.037951
Ctps2	MmuINT0043624	chrX	1.59E+08	1.59E+08	+	0.045841
Ctps2	MmuINT0043625	chrX	1.59E+08	1.59E+08	+	0.045402
Ctps2	MmuINT0043626	chrX	1.59E+08	1.59E+08	+	0.040884
Ctr9	MmuINT0043630	chr7	1.18E+08	1.18E+08	+	0.021893
Ctr9	MmuINT0043631	chr7	1.18E+08	1.18E+08	+	0.014539
Ctr9	MmuINT0043632	chr7	1.18E+08	1.18E+08	+	0.015831
Ctr9	MmuINT0043633	chr7	1.18E+08	1.18E+08	+	0.010914
Ctr9	MmuINT0043634	chr7	1.18E+08	1.18E+08	+	0.017531
Ctr9	MmuINT0043635	chr7	1.18E+08	1.18E+08	+	0.021997
Ctr9	MmuINT0043636	chr7	1.18E+08	1.18E+08	+	0.033282
Ctr9	MmuINT0043637	chr7	1.18E+08	1.18E+08	+	0.075894
Ctr9	MmuINT0043638	chr7	1.18E+08	1.18E+08	+	0.032312
Ctr9	MmuINT0043639	chr7	1.18E+08	1.18E+08	+	0.023589
Ctr9	MmuINT0043640	chr7	1.18E+08	1.18E+08	+	0.022799
Ctr9	MmuINT0043641	chr7	1.18E+08	1.18E+08	+	0.020393
Ctr9	MmuINT0043642	chr7	1.18E+08	1.18E+08	+	0.012208
Ctr9	MmuINT0043643	chr7	1.18E+08	1.18E+08	+	0.048701
Ctr9	MmuINT0043644	chr7	1.18E+08	1.18E+08	+	0.020452
Ctr9	MmuINT0043645	chr7	1.18E+08	1.18E+08	+	0.046913
Ctr9	MmuINT0043646	chr7	1.18E+08	1.18E+08	+	0.024976
Ctr9	MmuINT0043647	chr7	1.18E+08	1.18E+08	+	0.023874
Ctr9	MmuINT0043648	chr7	1.18E+08	1.18E+08	+	0.017424
Ctr9	MmuINT0043649	chr7	1.18E+08	1.18E+08	+	0.018324
Ctr9	MmuINT0043650	chr7	1.18E+08	1.18E+08	+	0.017942
Ctr9	MmuINT0043651	chr7	1.18E+08	1.18E+08	+	0.035661
Ctr9	MmuINT0043652	chr7	1.18E+08	1.18E+08	+	0.025522
Ctr9	MmuINT0043653	chr7	1.18E+08	1.18E+08	+	0.014364
Ctsa	MmuINT0043705	chr2	1.65E+08	1.65E+08	+	0.003068
Ctsa	MmuINT0043706	chr2	1.65E+08	1.65E+08	+	0.002597
Ctsa	MmuINT0043707	chr2	1.65E+08	1.65E+08	+	0.021043
Ctsa	MmuINT0043708	chr2	1.65E+08	1.65E+08	+	0.003541
Ctsa	MmuINT0043709	chr2	1.65E+08	1.65E+08	+	0.008578
Ctsa	MmuINT0043710	chr2	1.65E+08	1.65E+08	+	0.018665
Ctsa	MmuINT0043711	chr2	1.65E+08	1.65E+08	+	0.059506
Ctsa	MmuINT0043712	chr2	1.65E+08	1.65E+08	+	0.050096
Ctsa	MmuINT0043713	chr2	1.65E+08	1.65E+08	+	0.007046
Ctsa	MmuINT0043714	chr2	1.65E+08	1.65E+08	+	0.040158

Ctsa	MmuINT0043715	chr2	1.65E+08	1.65E+08	+	0.008397
Ctsa	MmuINT0043716	chr2	1.65E+08	1.65E+08	+	0.012136
Ctsa	MmuINT0043717	chr2	1.65E+08	1.65E+08	+	0.00697
Ctsa	MmuINT0043718	chr2	1.65E+08	1.65E+08	+	0.005229
Ctsb	MmuINT0043719	chr14	63741403	63752152	+	0.000662
Ctsb	MmuINT0043720	chr14	63752304	63752801	+	0.000708
Ctsb	MmuINT0043721	chr14	63752888	63754444	+	0.000552
Ctsb	MmuINT0043722	chr14	63754560	63755243	+	0.0006
Ctsb	MmuINT0043723	chr14	63755363	63756869	+	0.001759
Ctsb	MmuINT0043724	chr14	63756956	63757187	+	0.000442
Ctsb	MmuINT0043725	chr14	63757332	63757835	+	0.000327
Ctsb	MmuINT0043726	chr14	63757953	63760570	+	0.002145
Ctsb	MmuINT0043727	chr14	63760700	63761068	+	0.000428
Ctsc	MmuINT0043728	chr7	95426885	95429896	+	0.007163
Ctsc	MmuINT0043729	chr7	95430043	95445592	+	0.01475
Ctsc	MmuINT0043730	chr7	95445760	95447954	+	0.005634
Ctsc	MmuINT0043731	chr7	95448108	95450694	+	0.006839
Ctsc	MmuINT0043732	chr7	95450811	95456522	+	0.009885
Ctsc	MmuINT0043733	chr7	95456655	95457909	+	0.008298
Ctsd	MmuINT0043734	chr7	1.5E+08	1.5E+08	-	0.000163
Ctsd	MmuINT0043735	chr7	1.5E+08	1.5E+08	-	0.00019
Ctsd	MmuINT0043736	chr7	1.5E+08	1.5E+08	-	0.000706
Ctsd	MmuINT0043737	chr7	1.5E+08	1.5E+08	-	0.000707
Ctsd	MmuINT0043738	chr7	1.5E+08	1.5E+08	-	0.002503
Ctsd	MmuINT0043739	chr7	1.5E+08	1.5E+08	-	0.001747
Ctsd	MmuINT0043740	chr7	1.5E+08	1.5E+08	-	0.001325
Ctsd	MmuINT0043741	chr7	1.5E+08	1.5E+08	-	0.001913
Ctsf	MmuINT0043751	chr19	4855487	4855697	+	0.072434
Ctsf	MmuINT0043752	chr19	4859523	4859601	+	0.026174
Ctsf	MmuINT0043753	chr19	4859667	4859757	+	0.012997
Ctsf	MmuINT0043754	chr19	4859849	4860249	+	0.040438
Ctsf	MmuINT0043755	chr19	4860309	4860390	+	0.007218
Ctsf	MmuINT0043756	chr19	4855797	4856069	+	0.044474
Ctsf	MmuINT0043757	chr19	4856155	4856246	+	0.040774
Ctsf	MmuINT0043758	chr19	4856309	4856511	+	0.043522
Ctsf	MmuINT0043759	chr19	4856588	4857969	+	0.022066
Ctsf	MmuINT0043760	chr19	4858084	4858186	+	0.004418
Ctsf	MmuINT0043761	chr19	4858333	4858415	+	0.012848
Ctsf	MmuINT0043762	chr19	4858513	4858591	+	0.043743
Ctsf	MmuINT0043763	chr19	4858673	4859402	+	0.055445
Ctsh	MmuINT0043768	chr9	89949473	89955316	+	0.0061
Ctsh	MmuINT0043769	chr9	89966764	89969705	+	0.019296
Ctsh	MmuINT0043770	chr9	89969832	89970519	+	0.014075
Ctsh	MmuINT0043771	chr9	89955349	89956356	+	0.011094
Ctsh	MmuINT0043772	chr9	89956463	89957554	+	0.021192
Ctsh	MmuINT0043773	chr9	89957626	89958990	+	0.011657
Ctsh	MmuINT0043774	chr9	89959096	89959344	+	0.012297
Ctsh	MmuINT0043775	chr9	89959432	89960229	+	0.003221
Ctsh	MmuINT0043776	chr9	89960286	89961864	+	0.010843
Ctsh	MmuINT0043777	chr9	89961947	89963242	+	0.055017

Ctsh	MmuINT0043778	chr9	89963312	89966656	+	0.055686
Ctsk	MmuINT0043786	chr3	95303259	95304755	+	0.063138
Ctsk	MmuINT0043787	chr3	95304877	95305268	+	0.037927
Ctsk	MmuINT0043788	chr3	95305392	95305472	+	0.034209
Ctsk	MmuINT0043790	chr3	95306723	95310483	+	0.068536
Ctsk	MmuINT0043791	chr3	95310650	95310834	+	0.039323
Ctsk	MmuINT0043792	chr3	95310941	95312744	+	0.064951
Ctsl	MmuINT0043793	chr13	64470473	64471543	-	0.005247
Ctsl	MmuINT0043794	chr13	64469547	64470335	-	0.008811
Ctsl	MmuINT0043795	chr13	64469315	64469423	-	0.001058
Ctsl	MmuINT0043796	chr13	64468401	64469167	-	0.001894
Ctsl	MmuINT0043797	chr13	64467950	64468175	-	0.001539
Ctsl	MmuINT0043798	chr13	64466631	64467786	-	0.001079
Ctsl	MmuINT0043799	chr13	64465509	64466512	-	0.002861
Ctso	MmuINT0043813	chr3	81736698	81745453	+	0.032208
Ctso	MmuINT0043814	chr3	81745560	81746114	+	0.018854
Ctso	MmuINT0043815	chr3	81746255	81748783	+	0.056199
Ctso	MmuINT0043816	chr3	81748952	81750235	+	0.086737
Ctso	MmuINT0043817	chr3	81750358	81755294	+	0.023434
Ctso	MmuINT0043818	chr3	81755459	81756120	+	0.031121
Ctso	MmuINT0043819	chr3	81756214	81758147	+	0.034858
Ctss	MmuINT0043834	chr3	95330848	95333358	+	0.018687
Ctss	MmuINT0043835	chr3	95333483	95342642	+	0.010516
Ctss	MmuINT0043836	chr3	95342766	95346934	+	0.010728
Ctss	MmuINT0043837	chr3	95347085	95349254	+	0.007944
Ctss	MmuINT0043838	chr3	95349486	95350717	+	0.01443
Ctss	MmuINT0043839	chr3	95350884	95353974	+	0.015304
Ctss	MmuINT0043840	chr3	95354078	95360007	+	0.012933
Ctsz	MmuINT0043850	chr2	1.74E+08	1.74E+08	-	0.011114
Ctsz	MmuINT0043851	chr2	1.74E+08	1.74E+08	-	0.0128
Ctsz	MmuINT0043852	chr2	1.74E+08	1.74E+08	-	0.095182
Ctsz	MmuINT0043853	chr2	1.74E+08	1.74E+08	-	0.020944
Ctsz	MmuINT0043854	chr2	1.74E+08	1.74E+08	-	0.011323
Cttn	MmuINT0043855	chr7	1.52E+08	1.52E+08	-	0.017069
Cttn	MmuINT0043856	chr7	1.52E+08	1.52E+08	-	0.068991
Cttn	MmuINT0043857	chr7	1.52E+08	1.52E+08	-	0.135023
Cttn	MmuINT0043860	chr7	1.52E+08	1.52E+08	-	0.004961
Cttn	MmuINT0043863	chr7	1.52E+08	1.52E+08	-	0.009977
Cttn	MmuINT0043864	chr7	1.52E+08	1.52E+08	-	0.000887
Cttn	MmuINT0043865	chr7	1.52E+08	1.52E+08	-	0.010859
Cttn	MmuINT0043866	chr7	1.52E+08	1.52E+08	-	0.003548
Cttn	MmuINT0043867	chr7	1.52E+08	1.52E+08	-	0.00573
Cttn	MmuINT0043868	chr7	1.52E+08	1.52E+08	-	0.005816
Cttn	MmuINT0043869	chr7	1.52E+08	1.52E+08	-	0.01867
Cttn	MmuINT0043870	chr7	1.52E+08	1.52E+08	-	0.028215
Cttn	MmuINT0043871	chr7	1.52E+08	1.52E+08	-	0.046815
Cttnbp2nl	MmuINT0043895	chr3	1.05E+08	1.05E+08	-	0.030595
Cttnbp2nl	MmuINT0043896	chr3	1.05E+08	1.05E+08	-	0.026135
Cttnbp2nl	MmuINT0043897	chr3	1.05E+08	1.05E+08	-	0.038463
Ctu1	MmuINT0043899	chr7	50931017	50931796	+	0.053178

Ctu2	MmuINT0043900	chr8	1.25E+08	1.25E+08	+	0.035111
Ctu2	MmuINT0043901	chr8	1.25E+08	1.25E+08	+	0.030197
Ctu2	MmuINT0043902	chr8	1.25E+08	1.25E+08	+	0.084597
Ctu2	MmuINT0043904	chr8	1.25E+08	1.25E+08	+	0.095874
Ctu2	MmuINT0043905	chr8	1.25E+08	1.25E+08	+	0.236877
Ctu2	MmuINT0043906	chr8	1.25E+08	1.25E+08	+	0.043199
Ctu2	MmuINT0043907	chr8	1.25E+08	1.25E+08	+	0.055492
Ctu2	MmuINT0043908	chr8	1.25E+08	1.25E+08	+	0.036774
Ctu2	MmuINT0043909	chr8	1.25E+08	1.25E+08	+	0.041057
Ctu2	MmuINT0043910	chr8	1.25E+08	1.25E+08	+	0.014958
Ctu2	MmuINT0043911	chr8	1.25E+08	1.25E+08	+	0.034558
Ctu2	MmuINT0043912	chr8	1.25E+08	1.25E+08	+	0.058944
Ctu2	MmuINT0043913	chr8	1.25E+08	1.25E+08	+	0.019505
Ctxn1	MmuINT0043914	chr8	4258648	4259050	-	0.366835
Cubn	MmuINT0043975	chr2	13205756	13208607	-	0.049257
Cubn	MmuINT0043979	chr2	13198463	13199988	-	0.08782
Cuedc1	MmuINT0043984	chr11	87912846	87983066	+	0.087435
Cuedc1	MmuINT0043985	chr11	88003628	88006098	+	0.01712
Cuedc1	MmuINT0043986	chr11	87983677	87990771	+	0.013427
Cuedc1	MmuINT0043987	chr11	87990900	87995982	+	0.005089
Cuedc1	MmuINT0043988	chr11	87996110	87996740	+	0.002911
Cuedc1	MmuINT0043989	chr11	87996934	87998135	+	0.007147
Cuedc1	MmuINT0043990	chr11	87998220	88000562	+	0.223065
Cuedc1	MmuINT0043991	chr11	88000635	88001495	+	0.032496
Cuedc1	MmuINT0043992	chr11	88001590	88002284	+	0.013069
Cuedc2	MmuINT0043995	chr19	46407192	46413058	-	0.122828
Cuedc2	MmuINT0043996	chr19	46406309	46406402	-	0.002101
Cuedc2	MmuINT0043997	chr19	46405957	46406035	-	0.006059
Cuedc2	MmuINT0043998	chr19	46405604	46405779	-	0.006088
Cuedc2	MmuINT0043999	chr19	46405471	46405541	-	0.005557
Cuedc2	MmuINT0044000	chr19	46405325	46405409	-	0.001589
Cul1	MmuINT0044001	chr6	47404483	47434742	+	0.008582
Cul1	MmuINT0044002	chr6	47464902	47464977	+	0.005525
Cul1	MmuINT0044003	chr6	47465085	47466473	+	0.004338
Cul1	MmuINT0044004	chr6	47466523	47467100	+	0.007088
Cul1	MmuINT0044005	chr6	47467233	47468163	+	0.008573
Cul1	MmuINT0044006	chr6	47468282	47469134	+	0.013831
Cul1	MmuINT0044007	chr6	47469212	47469646	+	0.020825
Cul1	MmuINT0044008	chr6	47469779	47470791	+	0.046781
Cul1	MmuINT0044009	chr6	47470885	47473076	+	0.079396
Cul1	MmuINT0044010	chr6	47473125	47473202	+	0.042979
Cul1	MmuINT0044011	chr6	47473286	47473697	+	0.033949
Cul1	MmuINT0044012	chr6	47435044	47445065	+	0.012665
Cul1	MmuINT0044013	chr6	47473804	47474515	+	0.005496
Cul1	MmuINT0044014	chr6	47474630	47475552	+	0.027664
Cul1	MmuINT0044015	chr6	47445241	47447219	+	0.005746
Cul1	MmuINT0044016	chr6	47447388	47451166	+	0.015629
Cul1	MmuINT0044017	chr6	47451218	47451697	+	0.005771
Cul1	MmuINT0044018	chr6	47451789	47452425	+	0.003525
Cul1	MmuINT0044019	chr6	47452590	47458224	+	0.002696

Cul1	MmuINT0044020	chr6	47458388	47458971	+	0.004111
Cul1	MmuINT0044021	chr6	47459103	47464793	+	0.003967
Cul2	MmuINT0044022	chr18	3383396	3399843	+	0.010796
Cul2	MmuINT0044023	chr18	3423592	3424447	+	0.007347
Cul2	MmuINT0044024	chr18	3424556	3425509	+	0.006538
Cul2	MmuINT0044025	chr18	3425570	3426092	+	0.006326
Cul2	MmuINT0044026	chr18	3426222	3426314	+	0.005582
Cul2	MmuINT0044027	chr18	3426402	3426755	+	0.007746
Cul2	MmuINT0044028	chr18	3426909	3427160	+	0.005523
Cul2	MmuINT0044029	chr18	3427239	3429567	+	0.015917
Cul2	MmuINT0044030	chr18	3429635	3430909	+	0.006725
Cul2	MmuINT0044031	chr18	3431113	3431481	+	0.011144
Cul2	MmuINT0044032	chr18	3431584	3433991	+	0.016919
Cul2	MmuINT0044033	chr18	3399985	3405682	+	0.005653
Cul2	MmuINT0044034	chr18	3434109	3434841	+	0.006978
Cul2	MmuINT0044035	chr18	3405786	3414127	+	0.008486
Cul2	MmuINT0044036	chr18	3414223	3417532	+	0.007503
Cul2	MmuINT0044037	chr18	3417639	3418561	+	0.009138
Cul2	MmuINT0044038	chr18	3418645	3419344	+	0.009092
Cul2	MmuINT0044039	chr18	3419442	3419529	+	0.006716
Cul2	MmuINT0044040	chr18	3419641	3421200	+	0.009056
Cul2	MmuINT0044041	chr18	3421364	3423466	+	0.010654
Cul3	MmuINT0044042	chr1	80319632	80336820	-	0.002446
Cul3	MmuINT0044043	chr1	80274664	80277407	-	0.003872
Cul3	MmuINT0044044	chr1	80274047	80274538	-	0.001473
Cul3	MmuINT0044045	chr1	80273124	80273949	-	0.001861
Cul3	MmuINT0044046	chr1	80268286	80272988	-	0.002999
Cul3	MmuINT0044047	chr1	80265931	80268098	-	0.001833
Cul3	MmuINT0044048	chr1	80263863	80265784	-	0.001496
Cul3	MmuINT0044049	chr1	80300769	80319433	-	0.002064
Cul3	MmuINT0044050	chr1	80286818	80300654	-	0.001751
Cul3	MmuINT0044051	chr1	80285434	80286656	-	0.002901
Cul3	MmuINT0044052	chr1	80283703	80285318	-	0.001635
Cul3	MmuINT0044053	chr1	80280397	80283473	-	0.001615
Cul3	MmuINT0044054	chr1	80279375	80280250	-	0.00179
Cul3	MmuINT0044055	chr1	80278129	80279197	-	0.001676
Cul3	MmuINT0044056	chr1	80277516	80277957	-	0.001605
Cul4a	MmuINT0044057	chr8	13105904	13106193	+	0.003881
Cul4a	MmuINT0044058	chr8	13133242	13133648	+	0.002183
Cul4a	MmuINT0044059	chr8	13133842	13135864	+	0.004072
Cul4a	MmuINT0044061	chr8	13136244	13136335	+	0.002744
Cul4a	MmuINT0044062	chr8	13136422	13136795	+	0.003268
Cul4a	MmuINT0044063	chr8	13136904	13140202	+	0.000669
Cul4a	MmuINT0044064	chr8	13140317	13142492	+	0.006126
Cul4a	MmuINT0044065	chr8	13142599	13142961	+	0.004552
Cul4a	MmuINT0044067	chr8	13144430	13146531	+	0.003769
Cul4a	MmuINT0044068	chr8	13106310	13115469	+	0.006014
Cul4a	MmuINT0044069	chr8	13115574	13121676	+	0.006031
Cul4a	MmuINT0044070	chr8	13121747	13122806	+	0.009541
Cul4a	MmuINT0044071	chr8	13122881	13123466	+	0.002448

Cul4a	MmuINT0044072	chr8	13123630	13123869	+	0.003522
Cul4a	MmuINT0044073	chr8	13123960	13124790	+	0.002694
Cul4a	MmuINT0044074	chr8	13124874	13127709	+	0.003485
Cul4a	MmuINT0044075	chr8	13127778	13133122	+	0.009649
Cul4b	MmuINT0044077	chrX	35902469	35902764	-	0.030047
Cul4b	MmuINT0044078	chrX	35901674	35902385	-	0.026678
Cul4b	MmuINT0044079	chrX	35901143	35901605	-	0.021963
Cul4b	MmuINT0044080	chrX	35900062	35901023	-	0.017949
Cul4b	MmuINT0044081	chrX	35898778	35899868	-	0.017006
Cul4b	MmuINT0044082	chrX	35898037	35898672	-	0.028468
Cul4b	MmuINT0044083	chrX	35896595	35897925	-	0.031148
Cul4b	MmuINT0044084	chrX	35895336	35896508	-	0.025
Cul4b	MmuINT0044085	chrX	35894228	35895227	-	0.036148
Cul4b	MmuINT0044086	chrX	35893283	35894113	-	0.019943
Cul4b	MmuINT0044088	chrX	35892304	35893176	-	0.012662
Cul4b	MmuINT0044089	chrX	35890452	35892130	-	0.018099
Cul4b	MmuINT0044090	chrX	35886906	35890298	-	0.01685
Cul4b	MmuINT0044091	chrX	35917386	35918109	-	0.474633
Cul4b	MmuINT0044092	chrX	35914902	35916839	-	0.030828
Cul4b	MmuINT0044093	chrX	35905663	35914785	-	0.030974
Cul4b	MmuINT0044094	chrX	35904901	35905558	-	0.025525
Cul4b	MmuINT0044095	chrX	35904117	35904830	-	0.029827
Cul4b	MmuINT0044096	chrX	35903177	35904042	-	0.027259
Cul4b	MmuINT0044097	chrX	35902855	35903013	-	0.024291
Cul5	MmuINT0044098	chr9	53466786	53475142	-	0.012074
Cul5	MmuINT0044099	chr9	53437413	53440377	-	0.010556
Cul5	MmuINT0044100	chr9	53434100	53437279	-	0.00932
Cul5	MmuINT0044101	chr9	53432387	53433967	-	0.008571
Cul5	MmuINT0044102	chr9	53431916	53432262	-	0.01119
Cul5	MmuINT0044103	chr9	53431049	53431739	-	0.007668
Cul5	MmuINT0044104	chr9	53430082	53430886	-	0.020665
Cul5	MmuINT0044105	chr9	53429389	53429962	-	0.004788
Cul5	MmuINT0044106	chr9	53426116	53429264	-	0.005776
Cul5	MmuINT0044107	chr9	53463477	53466675	-	0.009344
Cul5	MmuINT0044108	chr9	53454949	53463376	-	0.0079
Cul5	MmuINT0044109	chr9	53452734	53454771	-	0.012996
Cul5	MmuINT0044110	chr9	53450932	53452591	-	0.009592
Cul5	MmuINT0044112	chr9	53442221	53443076	-	0.008718
Cul5	MmuINT0044113	chr9	53441945	53442089	-	0.010998
Cul5	MmuINT0044114	chr9	53440443	53441836	-	0.016476
Cul7	MmuINT0044117	chr17	46787665	46788385	+	0.133814
Cul7	MmuINT0044118	chr17	46794171	46794392	+	0.012446
Cul7	MmuINT0044119	chr17	46794484	46794580	+	0.014635
Cul7	MmuINT0044120	chr17	46794753	46794876	+	0.016263
Cul7	MmuINT0044121	chr17	46794983	46795270	+	0.021037
Cul7	MmuINT0044122	chr17	46795367	46795556	+	0.026334
Cul7	MmuINT0044123	chr17	46795733	46796010	+	0.016305
Cul7	MmuINT0044124	chr17	46796145	46796415	+	0.030142
Cul7	MmuINT0044125	chr17	46796599	46796811	+	0.01117
Cul7	MmuINT0044126	chr17	46796919	46797007	+	0.016261

Cul7	MmuINT0044127	chr17	46797191	46798242	+	0.01984
Cul7	MmuINT0044128	chr17	46788968	46789408	+	0.013534
Cul7	MmuINT0044129	chr17	46798404	46798584	+	0.010668
Cul7	MmuINT0044130	chr17	46798802	46798873	+	0.011251
Cul7	MmuINT0044131	chr17	46799181	46800006	+	0.08261
Cul7	MmuINT0044132	chr17	46800153	46800270	+	0.018188
Cul7	MmuINT0044133	chr17	46800398	46800486	+	0.011627
Cul7	MmuINT0044134	chr17	46800693	46800916	+	0.015968
Cul7	MmuINT0044135	chr17	46789561	46789673	+	0.020471
Cul7	MmuINT0044136	chr17	46790148	46790698	+	0.012947
Cul7	MmuINT0044137	chr17	46790838	46790934	+	0.015886
Cul7	MmuINT0044138	chr17	46791132	46791382	+	0.012571
Cul7	MmuINT0044139	chr17	46791609	46792463	+	0.066757
Cul7	MmuINT0044140	chr17	46792702	46792792	+	0.036891
Cul7	MmuINT0044141	chr17	46792899	46793942	+	0.014559
Cul9	MmuINT0044142	chr17	46680733	46683194	-	0.032934
Cul9	MmuINT0044143	chr17	46665066	46665408	-	0.071536
Cul9	MmuINT0044144	chr17	46663758	46664847	-	0.04353
Cul9	MmuINT0044146	chr17	46662885	46663327	-	0.061363
Cul9	MmuINT0044147	chr17	46662396	46662656	-	0.028247
Cul9	MmuINT0044148	chr17	46662187	46662304	-	0.015795
Cul9	MmuINT0044149	chr17	46660311	46662014	-	0.034775
Cul9	MmuINT0044150	chr17	46659560	46660204	-	0.011759
Cul9	MmuINT0044151	chr17	46659245	46659463	-	0.011009
Cul9	MmuINT0044152	chr17	46658934	46659068	-	0.012544
Cul9	MmuINT0044154	chr17	46658465	46658799	-	0.055709
Cul9	MmuINT0044155	chr17	46658106	46658284	-	0.024722
Cul9	MmuINT0044156	chr17	46657905	46657989	-	0.030455
Cul9	MmuINT0044157	chr17	46657592	46657721	-	0.044898
Cul9	MmuINT0044158	chr17	46657190	46657430	-	0.02321
Cul9	MmuINT0044159	chr17	46656881	46656960	-	0.015917
Cul9	MmuINT0044160	chr17	46648534	46656693	-	0.24652
Cul9	MmuINT0044161	chr17	46648280	46648387	-	0.032556
Cul9	MmuINT0044162	chr17	46648000	46648149	-	0.035204
Cul9	MmuINT0044163	chr17	46647002	46647799	-	0.021617
Cul9	MmuINT0044164	chr17	46677692	46678633	-	0.015492
Cul9	MmuINT0044165	chr17	46645562	46646750	-	0.02306
Cul9	MmuINT0044166	chr17	46641124	46645215	-	0.071189
Cul9	MmuINT0044167	chr17	46640870	46640982	-	0.025211
Cul9	MmuINT0044168	chr17	46640585	46640704	-	0.023353
Cul9	MmuINT0044169	chr17	46640132	46640420	-	0.064249
Cul9	MmuINT0044170	chr17	46639637	46640037	-	0.022409
Cul9	MmuINT0044171	chr17	46639445	46639561	-	0.027831
Cul9	MmuINT0044172	chr17	46639197	46639333	-	0.023427
Cul9	MmuINT0044173	chr17	46638836	46639078	-	0.095638
Cul9	MmuINT0044174	chr17	46638030	46638701	-	0.069328
Cul9	MmuINT0044176	chr17	46637880	46637955	-	0.020567
Cul9	MmuINT0044178	chr17	46676081	46676201	-	0.011448
Cul9	MmuINT0044179	chr17	46675577	46675880	-	0.018548
Cul9	MmuINT0044180	chr17	46674765	46675173	-	0.023061



Cul9	MmuINT0044181	chr17	46667106	46674571	-	0.057056
Cul9	MmuINT0044182	chr17	46665606	46666897	-	0.080629
Cuta	MmuINT0044185	chr17	27076038	27076395	-	0.31423
Cuta	MmuINT0044186	chr17	27075732	27075828	-	0.009067
Cuta	MmuINT0044187	chr17	27075563	27075671	-	0.140037
Cuta	MmuINT0044188	chr17	27075413	27075516	-	0.055476
Cuta	MmuINT0044189	chr17	27075122	27075362	-	0.011047
Cutc	MmuINT0044191	chr19	43827711	43830109	+	0.029638
Cutc	MmuINT0044192	chr19	43830182	43833217	+	0.014603
Cutc	MmuINT0044193	chr19	43833278	43834339	+	0.012542
Cutc	MmuINT0044194	chr19	43834550	43835178	+	0.015525
Cutc	MmuINT0044195	chr19	43837497	43839449	+	0.029365
Cutc	MmuINT0044196	chr19	43839478	43841690	+	0.030013
Cutc	MmuINT0044197	chr19	43841797	43842664	+	0.012879
Cux1	MmuINT0044198	chr5	1.37E+08	1.37E+08	-	0.248208
Cux1	MmuINT0044199	chr5	1.37E+08	1.37E+08	-	0.005173
Cux1	MmuINT0044200	chr5	1.37E+08	1.37E+08	-	0.006287
Cux1	MmuINT0044203	chr5	1.37E+08	1.37E+08	-	0.076388
Cux1	MmuINT0044204	chr5	1.37E+08	1.37E+08	-	0.045056
Cux1	MmuINT0044205	chr5	1.37E+08	1.37E+08	-	0.058196
Cux1	MmuINT0044206	chr5	1.37E+08	1.37E+08	-	0.070511
Cux1	MmuINT0044207	chr5	1.37E+08	1.37E+08	-	0.004377
Cux1	MmuINT0044209	chr5	1.37E+08	1.37E+08	-	0.054751
Cux1	MmuINT0044210	chr5	1.37E+08	1.37E+08	-	0.047667
Cux1	MmuINT0044211	chr5	1.37E+08	1.37E+08	-	0.053123
Cux1	MmuINT0044212	chr5	1.37E+08	1.37E+08	-	0.004187
Cux1	MmuINT0044213	chr5	1.37E+08	1.37E+08	-	0.003181
Cux1	MmuINT0044214	chr5	1.37E+08	1.37E+08	-	0.002887
Cux1	MmuINT0044215	chr5	1.37E+08	1.37E+08	-	0.00349
Cux1	MmuINT0044216	chr5	1.37E+08	1.37E+08	-	0.003583
Cux1	MmuINT0044217	chr5	1.37E+08	1.37E+08	-	0.004722
Cux1	MmuINT0044218	chr5	1.37E+08	1.37E+08	-	0.00426
Cux1	MmuINT0044220	chr5	1.37E+08	1.37E+08	-	0.004253
Cux1	MmuINT0044221	chr5	1.37E+08	1.37E+08	-	0.006471
Cux1	MmuINT0044222	chr5	1.37E+08	1.37E+08	-	0.006435
Cux1	MmuINT0044223	chr5	1.37E+08	1.37E+08	-	0.0053
Cux1	MmuINT0044224	chr5	1.37E+08	1.37E+08	-	0.012721
Cux1	MmuINT0044225	chr5	1.37E+08	1.37E+08	-	0.010927
Cux1	MmuINT0044226	chr5	1.37E+08	1.37E+08	-	0.007341
Cux1	MmuINT0044227	chr5	1.37E+08	1.37E+08	-	0.005032
Cux2	MmuINT0044235	chr5	1.22E+08	1.22E+08	-	0.03898
Cux2	MmuINT0044237	chr5	1.22E+08	1.22E+08	-	0.022964
Cux2	MmuINT0044238	chr5	1.22E+08	1.22E+08	-	0.012692
Cux2	MmuINT0044240	chr5	1.22E+08	1.22E+08	-	0.058183
Cux2	MmuINT0044242	chr5	1.22E+08	1.22E+08	-	0.01221
Cuzd1	MmuINT0044255	chr7	1.38E+08	1.38E+08	-	0.061615
Cwc15	MmuINT0044258	chr9	14305226	14306359	+	0.005818
Cwc15	MmuINT0044259	chr9	14306499	14307257	+	0.001096
Cwc15	MmuINT0044260	chr9	14307371	14308041	+	0.001989
Cwc15	MmuINT0044261	chr9	14308131	14309276	+	0.00169

Cwc15	MmuINT0044262	chr9	14309385	14312294	+	0.00287
Cwc15	MmuINT0044263	chr9	14312414	14314643	+	0.006646
Cwc22	MmuINT0044276	chr2	77734636	77741852	-	0.225616
Cwc22	MmuINT0044277	chr2	77770821	77774649	-	0.314851
Cwc25	MmuINT0044284	chr11	97624696	97627738	-	0.022668
Cwc25	MmuINT0044285	chr11	97619124	97624522	-	0.031135
Cwc25	MmuINT0044286	chr11	97617535	97618886	-	0.037428
Cwc25	MmuINT0044287	chr11	97615347	97617464	-	0.113265
Cwc25	MmuINT0044288	chr11	97614594	97615218	-	0.038069
Cwc25	MmuINT0044289	chr11	97614078	97614529	-	0.069501
Cwc25	MmuINT0044290	chr11	97612276	97613883	-	0.043546
Cwc25	MmuINT0044291	chr11	97609437	97612185	-	0.037609
Cwc25	MmuINT0044292	chr11	97608784	97609274	-	0.026041
Cwc27	MmuINT0044293	chr13	1.06E+08	1.06E+08	-	0.020651
Cwc27	MmuINT0044294	chr13	1.06E+08	1.06E+08	-	0.009569
Cwc27	MmuINT0044295	chr13	1.05E+08	1.06E+08	-	0.011437
Cwc27	MmuINT0044296	chr13	1.05E+08	1.05E+08	-	0.012757
Cwc27	MmuINT0044297	chr13	1.05E+08	1.05E+08	-	0.01598
Cwc27	MmuINT0044298	chr13	1.06E+08	1.06E+08	-	0.012538
Cwc27	MmuINT0044299	chr13	1.06E+08	1.06E+08	-	0.0133
Cwc27	MmuINT0044300	chr13	1.06E+08	1.06E+08	-	0.013471
Cwc27	MmuINT0044301	chr13	1.06E+08	1.06E+08	-	0.015897
Cwc27	MmuINT0044302	chr13	1.06E+08	1.06E+08	-	0.014124
Cwc27	MmuINT0044303	chr13	1.06E+08	1.06E+08	-	0.0202
Cwc27	MmuINT0044304	chr13	1.06E+08	1.06E+08	-	0.016783
Cwc27	MmuINT0044305	chr13	1.06E+08	1.06E+08	-	0.043194
Cwf1911	MmuINT0044306	chr19	44207575	44210255	-	0.046712
Cwf1911	MmuINT0044307	chr19	44189224	44195362	-	0.06477
Cwf1911	MmuINT0044308	chr19	44188284	44189013	-	0.088554
Cwf1911	MmuINT0044309	chr19	44187537	44188163	-	0.043517
Cwf1911	MmuINT0044310	chr19	44185151	44187438	-	0.075398
Cwf1911	MmuINT0044311	chr19	44206655	44207489	-	0.057947
Cwf1911	MmuINT0044312	chr19	44206004	44206575	-	0.03126
Cwf1911	MmuINT0044313	chr19	44203903	44205901	-	0.036639
Cwf1911	MmuINT0044314	chr19	44201975	44203687	-	0.066725
Cwf1911	MmuINT0044315	chr19	44199383	44201855	-	0.057464
Cwf1911	MmuINT0044316	chr19	44197775	44199297	-	0.042938
Cwf1911	MmuINT0044317	chr19	44196451	44197633	-	0.045404
Cwf1911	MmuINT0044318	chr19	44195443	44196338	-	0.059614
Cwf1912	MmuINT0044319	chr9	3404191	3409965	+	0.019007
Cwf1912	MmuINT0044320	chr9	3443048	3447236	+	0.017041
Cwf1912	MmuINT0044321	chr9	3447354	3450013	+	0.013193
Cwf1912	MmuINT0044322	chr9	3450152	3454539	+	0.016933
Cwf1912	MmuINT0044323	chr9	3454753	3456732	+	0.01843
Cwf1912	MmuINT0044324	chr9	3456850	3458733	+	0.022968
Cwf1912	MmuINT0044325	chr9	3458890	3460050	+	0.022286
Cwf1912	MmuINT0044326	chr9	3460132	3475482	+	0.036519
Cwf1912	MmuINT0044327	chr9	3475585	3477816	+	0.021654
Cwf1912	MmuINT0044328	chr9	3410077	3411328	+	0.025597
Cwf1912	MmuINT0044329	chr9	3411452	3417868	+	0.04377

Cwf19l2	MmuINT0044330	chr9	3417983	3418655	+	0.024812
Cwf19l2	MmuINT0044331	chr9	3418776	3421285	+	0.021434
Cwf19l2	MmuINT0044332	chr9	3421377	3428667	+	0.020322
Cwf19l2	MmuINT0044333	chr9	3428784	3430437	+	0.02127
Cwf19l2	MmuINT0044334	chr9	3431088	3441054	+	0.038279
Cwf19l2	MmuINT0044335	chr9	3441146	3442960	+	0.023968
Cx3cl1	MmuINT0044351	chr8	97296235	97301927	+	0.02942
Cxadr	MmuINT0044354	chr16	78302120	78325401	+	0.024362
Cxadr	MmuINT0044355	chr16	78325569	78329198	+	0.007482
Cxadr	MmuINT0044356	chr16	78329404	78333606	+	0.023342
Cxadr	MmuINT0044357	chr16	78333763	78334413	+	0.012869
Cxadr	MmuINT0044358	chr16	78334537	78335066	+	0.021182
Cxcl12	MmuINT0044368	chr6	1.17E+08	1.17E+08	+	0.005123
Cxcl12	MmuINT0044369	chr6	1.17E+08	1.17E+08	+	0.008682
Cxcl14	MmuINT0044373	chr13	56397293	56397470	-	0.018496
Cxcl14	MmuINT0044374	chr13	56393936	56397186	-	0.019921
Cxcl14	MmuINT0044375	chr13	56391169	56393821	-	0.025503
Cxcl16	MmuINT0044379	chr11	70272670	70272879	-	0.057499
Cxcl16	MmuINT0044380	chr11	70272330	70272530	-	0.043317
Cxcl16	MmuINT0044381	chr11	70269565	70272246	-	0.052061
Cxcl16	MmuINT0044382	chr11	70268947	70269156	-	0.026883
Cxcl9	MmuINT0044395	chr5	92755903	92756988	-	0.027153
Cxcl9	MmuINT0044396	chr5	92754175	92755775	-	0.029317
Cxcl9	MmuINT0044397	chr5	92752933	92754089	-	0.036394
Cxcr4	MmuINT0044401	chr1	1.3E+08	1.3E+08	-	0.152844
Cxcr7	MmuINT0044404	chr1	92100663	92110369	+	0.007342
Cxx1c	MmuINT0044405	chrX	50911602	50911862	+	0.45991
Cxxc1	MmuINT0044406	chr18	74376137	74376820	+	0.050358
Cxxc1	MmuINT0044407	chr18	74379700	74379774	+	0.031071
Cxxc1	MmuINT0044408	chr18	74379886	74380010	+	0.109203
Cxxc1	MmuINT0044409	chr18	74380061	74380162	+	0.060688
Cxxc1	MmuINT0044410	chr18	74380260	74380481	+	0.118001
Cxxc1	MmuINT0044411	chr18	74380635	74380712	+	0.028878
Cxxc1	MmuINT0044412	chr18	74376940	74377042	+	0.046402
Cxxc1	MmuINT0044413	chr18	74377144	74377414	+	0.153405
Cxxc1	MmuINT0044414	chr18	74377651	74377739	+	0.102544
Cxxc1	MmuINT0044415	chr18	74377932	74378282	+	0.024761
Cxxc1	MmuINT0044416	chr18	74378310	74378385	+	0.103056
Cxxc1	MmuINT0044417	chr18	74378632	74378784	+	0.015648
Cxxc1	MmuINT0044418	chr18	74378893	74379036	+	0.119046
Cxxc1	MmuINT0044419	chr18	74379222	74379491	+	0.161597
Cxxc5	MmuINT0044421	chr18	35989641	36018046	+	0.832542
Cxxc5	MmuINT0044422	chr18	36019111	36020303	+	0.219746
Cyb5	MmuINT0044423	chr18	85021000	85040896	+	0.001576
Cyb5	MmuINT0044424	chr18	85041026	85042531	+	0.002634
Cyb5	MmuINT0044425	chr18	85042562	85047218	+	0.016061
Cyb5	MmuINT0044426	chr18	85047254	85048894	+	0.002548
Cyb561	MmuINT0044428	chr11	1.06E+08	1.06E+08	-	0.062023
Cyb561	MmuINT0044429	chr11	1.06E+08	1.06E+08	-	0.079098
Cyb561	MmuINT0044430	chr11	1.06E+08	1.06E+08	-	0.186764

Cyb561	MmuINT0044431	chr11	1.06E+08	1.06E+08	-	0.050424
Cyb561d1	MmuINT0044432	chr3	1.08E+08	1.08E+08	-	0.618188
Cyb561d1	MmuINT0044433	chr3	1.08E+08	1.08E+08	-	0.100072
Cyb561d2	MmuINT0044434	chr9	1.07E+08	1.07E+08	-	0.079006
Cyb561d2	MmuINT0044435	chr9	1.07E+08	1.07E+08	-	0.046316
Cyb5b	MmuINT0044436	chr8	1.1E+08	1.1E+08	+	0.003038
Cyb5b	MmuINT0044437	chr8	1.1E+08	1.1E+08	+	0.002019
Cyb5b	MmuINT0044438	chr8	1.1E+08	1.1E+08	+	0.008891
Cyb5b	MmuINT0044439	chr8	1.1E+08	1.1E+08	+	0.007447
Cyb5d2	MmuINT0044443	chr11	72602720	72609014	-	0.046675
Cyb5d2	MmuINT0044444	chr11	72596337	72602578	-	0.006785
Cyb5d2	MmuINT0044445	chr11	72592455	72596149	-	0.013367
Cyb5r1	MmuINT0044446	chr1	1.36E+08	1.36E+08	+	0.043475
Cyb5r1	MmuINT0044447	chr1	1.36E+08	1.36E+08	+	0.010222
Cyb5r1	MmuINT0044448	chr1	1.36E+08	1.36E+08	+	0.006779
Cyb5r1	MmuINT0044449	chr1	1.36E+08	1.36E+08	+	0.004523
Cyb5r1	MmuINT0044450	chr1	1.36E+08	1.36E+08	+	0.094255
Cyb5r1	MmuINT0044451	chr1	1.36E+08	1.36E+08	+	0.021659
Cyb5r1	MmuINT0044452	chr1	1.36E+08	1.36E+08	+	0.02359
Cyb5r1	MmuINT0044453	chr1	1.36E+08	1.36E+08	+	0.031363
Cyb5r3	MmuINT0044462	chr15	82996637	83002541	-	0.004031
Cyb5r3	MmuINT0044463	chr15	82992735	82996504	-	0.002825
Cyb5r3	MmuINT0044464	chr15	82992387	82992661	-	0.002998
Cyb5r3	MmuINT0044465	chr15	82991381	82992279	-	0.003067
Cyb5r3	MmuINT0044466	chr15	82990852	82991250	-	0.003373
Cyb5r3	MmuINT0044467	chr15	82990620	82990767	-	0.003241
Cyb5r3	MmuINT0044468	chr15	82989356	82990533	-	0.002761
Cyb5r3	MmuINT0044469	chr15	82985153	82989255	-	0.00598
Cyb5r4	MmuINT0044477	chr9	86921936	86924338	+	0.001184
Cyb5r4	MmuINT0044480	chr9	86933591	86935216	+	0.007251
Cyb5rl	MmuINT0044486	chr4	1.07E+08	1.07E+08	+	0.018116
Cyb5rl	MmuINT0044487	chr4	1.07E+08	1.07E+08	+	0.018082
Cyb5rl	MmuINT0044488	chr4	1.07E+08	1.07E+08	+	0.020417
Cyb5rl	MmuINT0044489	chr4	1.07E+08	1.07E+08	+	0.013438
Cyba	MmuINT0044490	chr8	1.25E+08	1.25E+08	-	0.008142
Cyba	MmuINT0044491	chr8	1.25E+08	1.25E+08	-	0.006951
Cyba	MmuINT0044492	chr8	1.25E+08	1.25E+08	-	0.017715
Cyba	MmuINT0044493	chr8	1.25E+08	1.25E+08	-	0.008518
Cyba	MmuINT0044494	chr8	1.25E+08	1.25E+08	-	0.012093
Cybasc3	MmuINT0044495	chr19	10652574	10653471	+	0.175197
Cybasc3	MmuINT0044496	chr19	10653565	10654952	+	0.079568
Cybasc3	MmuINT0044497	chr19	10655053	10656787	+	0.017821
Cybasc3	MmuINT0044498	chr19	10656987	10659671	+	0.032188
Cybasc3	MmuINT0044499	chr19	10659881	10661180	+	0.023068
Cybasc3	MmuINT0044500	chr19	10661336	10662311	+	0.017848
Cybasc3	MmuINT0044501	chr19	10662469	10663014	+	0.070221
Cybb	MmuINT0044503	chrX	9019806	9021673	-	0.059735
Cybb	MmuINT0044504	chrX	9017146	9019658	-	0.034583
Cybb	MmuINT0044510	chrX	9027938	9030711	-	0.038788
Cybb	MmuINT0044511	chrX	9026860	9027807	-	0.058951

Cybb	MmuINT0044512	chrX	9024073	9026766	-	0.054362
Cybb	MmuINT0044513	chrX	9021837	9023818	-	0.048968
Cyc1	MmuINT0044517	chr15	76174123	76174731	+	0.013728
Cyc1	MmuINT0044518	chr15	76174929	76175011	+	0.00167
Cyc1	MmuINT0044519	chr15	76175139	76175241	+	0.001063
Cyc1	MmuINT0044520	chr15	76175400	76175482	+	0.001683
Cyc1	MmuINT0044521	chr15	76175644	76175906	+	0.001533
Cyc1	MmuINT0044522	chr15	76176008	76176084	+	0.003743
Cyct	MmuINT0044525	chr2	76195659	76198369	-	0.031011
Cyct	MmuINT0044526	chr2	76194330	76195629	-	0.02729
Cyct	MmuINT0044527	chr2	76192294	76194136	-	0.027054
Cyfp1	MmuINT0044529	chr7	63134552	63142095	+	0.013931
Cyfp1	MmuINT0044530	chr7	63142188	63143191	+	0.014941
Cyfp1	MmuINT0044531	chr7	63143310	63147358	+	0.014788
Cyfp1	MmuINT0044532	chr7	63147482	63148489	+	0.026531
Cyfp1	MmuINT0044533	chr7	63148616	63150350	+	0.010742
Cyfp1	MmuINT0044534	chr7	63150518	63152037	+	0.014636
Cyfp1	MmuINT0044535	chr7	63152186	63153607	+	0.028317
Cyfp1	MmuINT0044536	chr7	63153762	63155284	+	0.010967
Cyfp1	MmuINT0044537	chr7	63155442	63155873	+	0.008738
Cyfp1	MmuINT0044538	chr7	63155971	63159558	+	0.021258
Cyfp1	MmuINT0044540	chr7	63159636	63159743	+	0.016414
Cyfp1	MmuINT0044541	chr7	63159853	63162688	+	0.01121
Cyfp1	MmuINT0044542	chr7	63162809	63163734	+	0.009479
Cyfp1	MmuINT0044543	chr7	63163935	63168809	+	0.00988
Cyfp1	MmuINT0044544	chr7	63168898	63174789	+	0.018161
Cyfp1	MmuINT0044545	chr7	63174934	63178116	+	0.012859
Cyfp1	MmuINT0044546	chr7	63178208	63179244	+	0.012627
Cyfp1	MmuINT0044547	chr7	63179376	63179743	+	0.020835
Cyfp1	MmuINT0044548	chr7	63179817	63180481	+	0.013046
Cyfp1	MmuINT0044549	chr7	63180577	63181657	+	0.015025
Cyfp1	MmuINT0044550	chr7	63127347	63127436	+	0.012174
Cyfp1	MmuINT0044551	chr7	63181897	63183556	+	0.050855
Cyfp1	MmuINT0044552	chr7	63183705	63185367	+	0.04959
Cyfp1	MmuINT0044553	chr7	63127527	63128815	+	0.019327
Cyfp1	MmuINT0044554	chr7	63128894	63129026	+	0.01837
Cyfp1	MmuINT0044555	chr7	63129129	63130276	+	0.008977
Cyfp1	MmuINT0044556	chr7	63130459	63133060	+	0.015481
Cyfp1	MmuINT0044557	chr7	63133158	63133248	+	0.017438
Cyfp1	MmuINT0044558	chr7	63133378	63134446	+	0.012216
Cyfp2	MmuINT0044562	chr11	46105155	46125728	-	0.005975
Cyfp2	MmuINT0044563	chr11	46084172	46086110	-	0.003201
Cyfp2	MmuINT0044564	chr11	46080332	46084053	-	0.001962
Cyfp2	MmuINT0044565	chr11	46079532	46080211	-	0.002212
Cyfp2	MmuINT0044566	chr11	46075106	46079405	-	0.00195
Cyfp2	MmuINT0044567	chr11	46074450	46074938	-	0.00198
Cyfp2	MmuINT0044568	chr11	46071205	46074301	-	0.004635
Cyfp2	MmuINT0044569	chr11	46068169	46071050	-	0.002232
Cyfp2	MmuINT0044570	chr11	46067546	46068011	-	0.002204
Cyfp2	MmuINT0044571	chr11	46066183	46067448	-	0.002567

Cyfp2	MmuINT0044572	chr11	46063341	46066105	-	0.00261
Cyfp2	MmuINT0044573	chr11	46103224	46105014	-	0.002075
Cyfp2	MmuINT0044574	chr11	46061181	46063231	-	0.001767
Cyfp2	MmuINT0044575	chr11	46055989	46061060	-	0.001707
Cyfp2	MmuINT0044576	chr11	46053594	46055788	-	0.001367
Cyfp2	MmuINT0044577	chr11	46037708	46053505	-	0.002464
Cyfp2	MmuINT0044578	chr11	46036203	46037563	-	0.002651
Cyfp2	MmuINT0044579	chr11	46034969	46036111	-	0.002781
Cyfp2	MmuINT0044580	chr11	46021863	46034837	-	0.002082
Cyfp2	MmuINT0044581	chr11	46020984	46021789	-	0.00243
Cyfp2	MmuINT0044582	chr11	46014387	46020888	-	0.006312
Cyfp2	MmuINT0044583	chr11	46012641	46014147	-	0.004702
Cyfp2	MmuINT0044584	chr11	46099647	46103133	-	0.003519
Cyfp2	MmuINT0044585	chr11	46009970	46012492	-	0.004524
Cyfp2	MmuINT0044586	chr11	46097761	46099568	-	0.003472
Cyfp2	MmuINT0044587	chr11	46093636	46097658	-	0.002194
Cyfp2	MmuINT0044588	chr11	46091658	46093453	-	0.002997
Cyfp2	MmuINT0044589	chr11	46090410	46091560	-	0.008424
Cyfp2	MmuINT0044590	chr11	46088245	46090280	-	0.002145
Cyfp2	MmuINT0044591	chr11	46086203	46088139	-	0.003765
Cygb	MmuINT0044592	chr11	1.17E+08	1.17E+08	-	0.016646
Cygb	MmuINT0044593	chr11	1.17E+08	1.17E+08	-	0.030318
Cygb	MmuINT0044594	chr11	1.17E+08	1.17E+08	-	0.139056
Cyhr1	MmuINT0044596	chr15	76478741	76479370	-	0.017863
Cyhr1	MmuINT0044597	chr15	76477005	76478528	-	0.011317
Cyld	MmuINT0044612	chr8	91258874	91259729	+	0.023645
Cyld	MmuINT0044613	chr8	91259797	91265189	+	0.058873
Cyld	MmuINT0044614	chr8	91265323	91266184	+	0.02156
Cyld	MmuINT0044615	chr8	91266294	91268726	+	0.02342
Cyld	MmuINT0044616	chr8	91268846	91269107	+	0.017064
Cyld	MmuINT0044617	chr8	91269325	91270727	+	0.011518
Cyld	MmuINT0044618	chr8	91229779	91230987	+	0.008875
Cyld	MmuINT0044619	chr8	91231291	91233789	+	0.013702
Cyld	MmuINT0044620	chr8	91243296	91246997	+	0.017856
Cyld	MmuINT0044621	chr8	91247112	91253357	+	0.037165
Cyld	MmuINT0044622	chr8	91253738	91254554	+	0.040042
Cyld	MmuINT0044623	chr8	91254721	91255573	+	0.029082
Cyld	MmuINT0044624	chr8	91255716	91256884	+	0.010662
Cyp20a1	MmuINT0044687	chr1	60400302	60408964	+	0.042258
Cyp20a1	MmuINT0044688	chr1	60436330	60439247	+	0.039296
Cyp20a1	MmuINT0044689	chr1	60439313	60443748	+	0.076454
Cyp20a1	MmuINT0044690	chr1	60443839	60443982	+	0.022602
Cyp20a1	MmuINT0044691	chr1	60409015	60409752	+	0.040404
Cyp20a1	MmuINT0044692	chr1	60409920	60411357	+	0.023183
Cyp20a1	MmuINT0044693	chr1	60411501	60420033	+	0.020082
Cyp20a1	MmuINT0044694	chr1	60420202	60423492	+	0.023102
Cyp20a1	MmuINT0044695	chr1	60423572	60428064	+	0.032765
Cyp20a1	MmuINT0044696	chr1	60428181	60429433	+	0.03476
Cyp20a1	MmuINT0044697	chr1	60429489	60432910	+	0.095679
Cyp20a1	MmuINT0044698	chr1	60433032	60436217	+	0.031366

Cyp27a1	MmuINT0044734	chr1	74760466	74778492	+	0.022197
Cyp27a1	MmuINT0044735	chr1	74778684	74781850	+	0.066068
Cyp27a1	MmuINT0044736	chr1	74782051	74782127	+	0.022687
Cyp27a1	MmuINT0044737	chr1	74782326	74782437	+	0.423231
Cyp27a1	MmuINT0044738	chr1	74782611	74783254	+	0.137713
Cyp27a1	MmuINT0044739	chr1	74783422	74783590	+	0.189934
Cyp27a1	MmuINT0044740	chr1	74783673	74783752	+	0.175954
Cyp27a1	MmuINT0044741	chr1	74783966	74784116	+	0.022925
Cyp2d22	MmuINT0044972	chr15	82206472	82210501	-	0.063166
Cyp2d22	MmuINT0044973	chr15	82204900	82206222	-	0.094631
Cyp2d22	MmuINT0044974	chr15	82204487	82204727	-	0.667045
Cyp2d22	MmuINT0044975	chr15	82204264	82204333	-	0.386079
Cyp2d22	MmuINT0044976	chr15	82203718	82204102	-	0.48003
Cyp2d22	MmuINT0044978	chr15	82203008	82203214	-	0.349063
Cyp2e1	MmuINT0045016	chr7	1.48E+08	1.48E+08	+	0.032048
Cyp2e1	MmuINT0045018	chr7	1.48E+08	1.48E+08	+	0.028494
Cyp2e1	MmuINT0045019	chr7	1.48E+08	1.48E+08	+	0.035042
Cyp2j6	MmuINT0045069	chr4	96212553	96219932	-	0.039267
Cyp2j6	MmuINT0045070	chr4	96202837	96212389	-	0.020942
Cyp2j6	MmuINT0045071	chr4	96202298	96202686	-	0.029417
Cyp2j6	MmuINT0045072	chr4	96198500	96202136	-	0.031144
Cyp2j6	MmuINT0045073	chr4	96196215	96198322	-	0.022885
Cyp2j6	MmuINT0045074	chr4	96192718	96196075	-	0.015859
Cyp2j6	MmuINT0045075	chr4	96190533	96192529	-	0.047976
Cyp2j6	MmuINT0045076	chr4	96184897	96190393	-	0.021315
Cyp2u1	MmuINT0045122	chr3	1.31E+08	1.31E+08	-	0.038666
Cyp2u1	MmuINT0045123	chr3	1.31E+08	1.31E+08	-	0.295656
Cyp2u1	MmuINT0045124	chr3	1.31E+08	1.31E+08	-	0.229568
Cyp2u1	MmuINT0045125	chr3	1.31E+08	1.31E+08	-	0.173105
Cyp39a1	MmuINT0045142	chr17	43838517	43862463	+	0.028761
Cyp39a1	MmuINT0045143	chr17	43862598	43867920	+	0.035127
Cyp3a13	MmuINT0045160	chr5	1.38E+08	1.38E+08	-	0.966725
Cyp4b1	MmuINT0045347	chr4	1.15E+08	1.15E+08	-	0.008442
Cyp4b1	MmuINT0045350	chr4	1.15E+08	1.15E+08	-	0.034182
Cyp4b1	MmuINT0045353	chr4	1.15E+08	1.15E+08	-	0.009457
Cyp4b1	MmuINT0045354	chr4	1.15E+08	1.15E+08	-	0.040849
Cyp4b1	MmuINT0045355	chr4	1.15E+08	1.15E+08	-	0.017487
Cyp4b1	MmuINT0045356	chr4	1.15E+08	1.15E+08	-	0.131723
Cyp4b1	MmuINT0045357	chr4	1.15E+08	1.15E+08	-	0.010524
Cyp4f13	MmuINT0045358	chr17	33083949	33084257	-	0.083199
Cyp4f13	MmuINT0045359	chr17	33062547	33062634	-	0.033305
Cyp4f13	MmuINT0045360	chr17	33062352	33062481	-	0.276029
Cyp4f13	MmuINT0045361	chr17	33061900	33062268	-	0.084098
Cyp4f13	MmuINT0045362	chr17	33078146	33083749	-	0.068209
Cyp4f13	MmuINT0045363	chr17	33069628	33078000	-	0.484928
Cyp4f13	MmuINT0045364	chr17	33069486	33069573	-	0.551193
Cyp4f13	MmuINT0045365	chr17	33067608	33069357	-	0.594601
Cyp4f13	MmuINT0045366	chr17	33067068	33067485	-	0.082052
Cyp4f13	MmuINT0045367	chr17	33066482	33066799	-	0.098708
Cyp4f13	MmuINT0045368	chr17	33066213	33066414	-	0.022684

Cyp4f13	MmuINT0045369	chr17	33062769	33066082	-	0.069722
Cyp4f16	MmuINT0045397	chr17	32674142	32677215	+	0.16689
Cyp4f16	MmuINT0045399	chr17	32679737	32679821	+	0.110157
Cyp4v3	MmuINT0045456	chr8	46392463	46393733	-	0.0766
Cyp4v3	MmuINT0045460	chr8	46403148	46405444	-	0.05775
Cyp4v3	MmuINT0045461	chr8	46401075	46403020	-	0.060475
Cyp4v3	MmuINT0045462	chr8	46395640	46400888	-	0.073413
Cyp4v3	MmuINT0045464	chr8	46393914	46394010	-	0.049757
Cyp51	MmuINT0045476	chr5	4103027	4104133	-	0.015608
Cyp51	MmuINT0045477	chr5	4101355	4102927	-	0.028315
Cyp51	MmuINT0045478	chr5	4100272	4101177	-	0.015164
Cyp51	MmuINT0045479	chr5	4099299	4100144	-	0.014919
Cyp51	MmuINT0045480	chr5	4092508	4099123	-	0.015965
Cyp51	MmuINT0045481	chr5	4092041	4092387	-	0.014382
Cyp51	MmuINT0045482	chr5	4087874	4091844	-	0.015628
Cyp51	MmuINT0045483	chr5	4086629	4087777	-	0.017439
Cyp51	MmuINT0045484	chr5	4083304	4086459	-	0.010389
Cyr61	MmuINT0045500	chr3	1.45E+08	1.45E+08	-	0.019332
Cyr61	MmuINT0045501	chr3	1.45E+08	1.45E+08	-	0.033684
Cyr61	MmuINT0045502	chr3	1.45E+08	1.45E+08	-	0.033029
Cyr61	MmuINT0045503	chr3	1.45E+08	1.45E+08	-	0.043474
Cyth1	MmuINT0045517	chr11	1.18E+08	1.18E+08	-	0.008682
Cyth1	MmuINT0045518	chr11	1.18E+08	1.18E+08	-	0.031102
Cyth1	MmuINT0045519	chr11	1.18E+08	1.18E+08	-	0.005066
Cyth1	MmuINT0045520	chr11	1.18E+08	1.18E+08	-	0.007755
Cyth1	MmuINT0045521	chr11	1.18E+08	1.18E+08	-	0.006729
Cyth1	MmuINT0045522	chr11	1.18E+08	1.18E+08	-	0.006462
Cyth1	MmuINT0045523	chr11	1.18E+08	1.18E+08	-	0.003813
Cyth1	MmuINT0045524	chr11	1.18E+08	1.18E+08	-	0.008523
Cyth1	MmuINT0045525	chr11	1.18E+08	1.18E+08	-	0.005717
Cyth1	MmuINT0045526	chr11	1.18E+08	1.18E+08	-	0.004762
Cyth1	MmuINT0045527	chr11	1.18E+08	1.18E+08	-	0.009552
Cyth1	MmuINT0045529	chr11	1.18E+08	1.18E+08	-	0.081923
Cyth2	MmuINT0045531	chr7	53063458	53063545	-	0.013452
Cyth2	MmuINT0045532	chr7	53063219	53063302	-	0.004939
Cyth2	MmuINT0045533	chr7	53068284	53068378	-	0.028612
Cyth2	MmuINT0045534	chr7	53067669	53068216	-	0.014172
Cyth2	MmuINT0045535	chr7	53066980	53067549	-	0.012597
Cyth2	MmuINT0045536	chr7	53066337	53066898	-	0.007674
Cyth2	MmuINT0045537	chr7	53066090	53066223	-	0.005346
Cyth2	MmuINT0045538	chr7	53065609	53065940	-	0.021953
Cyth2	MmuINT0045539	chr7	53063618	53063742	-	0.00797
Cyth2	MmuINT0045540	chr7	53063822	53065495	-	0.020356
Cyth3	MmuINT0045542	chr5	1.44E+08	1.44E+08	+	0.035278
Cyth3	MmuINT0045543	chr5	1.44E+08	1.44E+08	+	0.042301
Cyth3	MmuINT0045544	chr5	1.44E+08	1.44E+08	+	0.030428
Cyth3	MmuINT0045545	chr5	1.44E+08	1.44E+08	+	0.012339
Cyth3	MmuINT0045546	chr5	1.44E+08	1.44E+08	+	0.013716
Cyth3	MmuINT0045547	chr5	1.44E+08	1.44E+08	+	0.016659
Cyth3	MmuINT0045548	chr5	1.44E+08	1.44E+08	+	0.022915



Cyth3	MmuINT0045549	chr5	1.44E+08	1.44E+08	+	0.032718
Cyth3	MmuINT0045550	chr5	1.44E+08	1.44E+08	+	0.022491
Cyth3	MmuINT0045551	chr5	1.44E+08	1.44E+08	+	0.025072
Cyth3	MmuINT0045552	chr5	1.44E+08	1.44E+08	+	0.048851
Cyth4	MmuINT0045554	chr15	78427650	78433122	+	0.057051
Cyth4	MmuINT0045555	chr15	78448883	78449691	+	0.45373
Cyth4	MmuINT0045556	chr15	78449764	78450218	+	0.130824
Cyth4	MmuINT0045557	chr15	78450374	78450924	+	0.052831
Cyth4	MmuINT0045558	chr15	78433206	78435065	+	0.09292
Cyth4	MmuINT0045559	chr15	78435131	78436276	+	0.064022
Cyth4	MmuINT0045560	chr15	78436344	78437386	+	0.06691
Cyth4	MmuINT0045561	chr15	78437506	78438555	+	0.072095
Cyth4	MmuINT0045562	chr15	78438637	78440191	+	0.069828
Cyth4	MmuINT0045563	chr15	78440305	78441878	+	0.188307
Cyth4	MmuINT0045564	chr15	78442028	78446146	+	0.084565
Cyth4	MmuINT0045565	chr15	78446259	78448805	+	0.081796
Cyyr1	MmuINT0045576	chr16	85545169	85550280	-	0.016934
Cyyr1	MmuINT0045577	chr16	85465937	85545065	-	0.015411
Cyyr1	MmuINT0045578	chr16	85457927	85465781	-	0.019013
D030016E14Rik	MmuINT0045579	chr8	48616232	48618672	-	0.018378
D030016E14Rik	MmuINT0045580	chr8	48600232	48601812	-	0.013822
D030016E14Rik	MmuINT0045581	chr8	48599485	48600137	-	0.016967
D030016E14Rik	MmuINT0045582	chr8	48599314	48599404	-	0.017166
D030016E14Rik	MmuINT0045583	chr8	48599163	48599234	-	0.034043
D030016E14Rik	MmuINT0045584	chr8	48598783	48599107	-	0.097702
D030016E14Rik	MmuINT0045585	chr8	48597977	48598636	-	0.024421
D030016E14Rik	MmuINT0045586	chr8	48597823	48597914	-	0.017766
D030016E14Rik	MmuINT0045587	chr8	48596356	48597689	-	0.034899
D030016E14Rik	MmuINT0045588	chr8	48593091	48596224	-	0.012078
D030016E14Rik	MmuINT0045589	chr8	48591128	48592934	-	0.010033
D030016E14Rik	MmuINT0045590	chr8	48614853	48616005	-	0.009227
D030016E14Rik	MmuINT0045591	chr8	48590837	48590939	-	0.010149
D030016E14Rik	MmuINT0045592	chr8	48589358	48590687	-	0.01103
D030016E14Rik	MmuINT0045593	chr8	48588786	48589235	-	0.020332
D030016E14Rik	MmuINT0045594	chr8	48587228	48588665	-	0.022998
D030016E14Rik	MmuINT0045595	chr8	48587064	48587161	-	0.014117
D030016E14Rik	MmuINT0045596	chr8	48584120	48586906	-	0.01136
D030016E14Rik	MmuINT0045597	chr8	48582365	48584007	-	0.019584
D030016E14Rik	MmuINT0045598	chr8	48580491	48582272	-	0.026007
D030016E14Rik	MmuINT0045599	chr8	48578761	48580356	-	0.013085
D030016E14Rik	MmuINT0045600	chr8	48576273	48578592	-	0.038523
D030016E14Rik	MmuINT0045601	chr8	48613385	48614682	-	0.014525
D030016E14Rik	MmuINT0045602	chr8	48612409	48613313	-	0.015405
D030016E14Rik	MmuINT0045603	chr8	48610425	48612293	-	0.016937
D030016E14Rik	MmuINT0045604	chr8	48609953	48610324	-	0.037567
D030016E14Rik	MmuINT0045605	chr8	48607802	48609878	-	0.02083
D030016E14Rik	MmuINT0045606	chr8	48605060	48607704	-	0.017945
D030016E14Rik	MmuINT0045607	chr8	48601961	48604925	-	0.018628
D030056L22Rik	MmuINT0045615	chr19	18788150	18791711	+	0.056473
D0H4S114	MmuINT0045643	chr18	33602548	33621674	-	0.013194

D0H4S114	MmuINT0045644	chr18	33598494	33602469	-	0.022347
D10Jhu81e	MmuINT0045697	chr10	77632171	77632339	-	0.001349
D10Jhu81e	MmuINT0045698	chr10	77631668	77632117	-	0.001296
D10Jhu81e	MmuINT0045699	chr10	77630260	77631553	-	0.000636
D10Jhu81e	MmuINT0045700	chr10	77627676	77630139	-	0.001968
D10Jhu81e	MmuINT0045701	chr10	77626299	77627582	-	0.000661
D10Jhu81e	MmuINT0045702	chr10	77625464	77626141	-	0.002157
D10Wsu102e	MmuINT0045703	chr10	82823119	82824791	+	0.03039
D10Wsu102e	MmuINT0045704	chr10	82824879	82827123	+	0.036069
D10Wsu102e	MmuINT0045705	chr10	82827261	82828448	+	0.037601
D10Wsu52e	MmuINT0045706	chr10	85418543	85420359	-	0.004307
D10Wsu52e	MmuINT0045707	chr10	85404764	85405232	-	0.005321
D10Wsu52e	MmuINT0045708	chr10	85401865	85404643	-	0.015293
D10Wsu52e	MmuINT0045709	chr10	85416250	85418463	-	0.00445
D10Wsu52e	MmuINT0045710	chr10	85414200	85416181	-	0.010896
D10Wsu52e	MmuINT0045711	chr10	85412368	85414099	-	0.011407
D10Wsu52e	MmuINT0045712	chr10	85410079	85412210	-	0.011807
D10Wsu52e	MmuINT0045713	chr10	85409096	85409921	-	0.003065
D10Wsu52e	MmuINT0045714	chr10	85406736	85408935	-	0.005415
D10Wsu52e	MmuINT0045715	chr10	85406143	85406559	-	0.002284
D10Wsu52e	MmuINT0045716	chr10	85405344	85405953	-	0.007719
D11Wsu47e	MmuINT0045729	chr11	1.14E+08	1.14E+08	+	0.748149
D11Wsu47e	MmuINT0045730	chr11	1.14E+08	1.14E+08	+	0.111405
D11Wsu47e	MmuINT0045731	chr11	1.14E+08	1.14E+08	+	0.056953
D11Wsu47e	MmuINT0045732	chr11	1.14E+08	1.14E+08	+	0.080546
D130017N08Rik	MmuINT0045740	chr5	1.45E+08	1.45E+08	+	0.048209
D14Abb1e	MmuINT0045766	chr14	28242571	28251784	+	0.244589
D14Abb1e	MmuINT0045768	chr14	28263236	28272964	+	0.061093
D14Abb1e	MmuINT0045770	chr14	28273199	28274269	+	0.066766
D14Abb1e	MmuINT0045771	chr14	28274972	28277231	+	0.037229
D14Abb1e	MmuINT0045772	chr14	28277600	28279352	+	0.040893
D14Abb1e	MmuINT0045774	chr14	28280752	28284803	+	0.621217
D14Abb1e	MmuINT0045775	chr14	28285733	28288880	+	0.063222
D14Abb1e	MmuINT0045776	chr14	28289004	28289723	+	0.028426
D14Abb1e	MmuINT0045777	chr14	28251931	28253336	+	0.046393
D14Abb1e	MmuINT0045778	chr14	28289884	28290297	+	0.034409
D14Abb1e	MmuINT0045779	chr14	28290407	28292814	+	0.064337
D14Abb1e	MmuINT0045780	chr14	28292994	28293109	+	0.033931
D14Abb1e	MmuINT0045781	chr14	28253430	28254615	+	0.04919
D14Abb1e	MmuINT0045784	chr14	28255807	28259570	+	0.065815
D14Abb1e	MmuINT0045785	chr14	28259696	28260676	+	0.053795
D14Abb1e	MmuINT0045786	chr14	28260709	28261340	+	0.055753
D14Ert668e	MmuINT0045796	chr14	59975288	59978312	-	0.075648
D14Ert668e	MmuINT0045797	chr14	59974027	59975153	-	0.391925
D15Ert621e	MmuINT0045804	chr15	58261773	58262216	+	0.054715
D15Ert621e	MmuINT0045805	chr15	58262330	58262760	+	0.04053
D15Ert621e	MmuINT0045806	chr15	58262877	58264069	+	0.038534
D15Ert621e	MmuINT0045807	chr15	58264183	58264448	+	0.023481
D15Ert621e	MmuINT0045808	chr15	58264536	58266218	+	0.034016
D15Ert621e	MmuINT0045809	chr15	58266352	58273132	+	0.043173

D15Ert621e	MmuINT0045810	chr15	58273282	58274386	+	0.100766
D15Ert621e	MmuINT0045811	chr15	58274522	58274715	+	0.098313
D15Ert621e	MmuINT0045812	chr15	58274830	58279140	+	0.040271
D15Ert621e	MmuINT0045813	chr15	58279214	58279897	+	0.096728
D15Ert621e	MmuINT0045814	chr15	58251839	58253300	+	0.072339
D15Ert621e	MmuINT0045815	chr15	58280048	58281485	+	0.058435
D15Ert621e	MmuINT0045816	chr15	58281591	58282092	+	0.035826
D15Ert621e	MmuINT0045817	chr15	58282217	58284537	+	0.043672
D15Ert621e	MmuINT0045818	chr15	58284608	58286304	+	0.144473
D15Ert621e	MmuINT0045819	chr15	58253453	58254875	+	0.045691
D15Ert621e	MmuINT0045820	chr15	58254934	58255751	+	0.053437
D15Ert621e	MmuINT0045821	chr15	58255820	58256331	+	0.048225
D15Ert621e	MmuINT0045822	chr15	58256446	58258148	+	0.05579
D15Ert621e	MmuINT0045823	chr15	58258240	58258608	+	0.048433
D15Ert621e	MmuINT0045824	chr15	58258672	58261546	+	0.066129
D15Ert621e	MmuINT0045825	chr15	58261654	58261733	+	0.067006
D16H22S680E	MmuINT0045830	chr16	18324544	18343987	-	0.042757
D16H22S680E	MmuINT0045831	chr16	18316828	18324449	-	0.001689
D16H22S680E	MmuINT0045832	chr16	18312852	18316738	-	0.019443
D16H22S680E	MmuINT0045833	chr16	18311077	18312731	-	0.003383
D16H22S680E	MmuINT0045834	chr16	18308134	18310961	-	0.002515
D16H22S680E	MmuINT0045835	chr16	18303930	18308062	-	0.01202
D16H22S680E	MmuINT0045836	chr16	18302884	18303775	-	0.004848
D16H22S680E	MmuINT0045837	chr16	18301646	18302778	-	0.020422
D17H6S56E-3	MmuINT0045839	chr17	35159779	35160309	+	0.023795
D17H6S56E-3	MmuINT0045840	chr17	35160443	35160556	+	0.019989
D17H6S56E-3	MmuINT0045841	chr17	35160710	35160794	+	0.029333
D17H6S56E-3	MmuINT0045842	chr17	35160888	35161114	+	0.065674
D17H6S56E-3	MmuINT0045843	chr17	35161417	35161487	+	0.03996
D17H6S56E-3	MmuINT0045844	chr17	35161628	35161800	+	0.014367
D17H6S56E-3	MmuINT0045845	chr17	35161976	35162079	+	0.017463
D17H6S56E-3	MmuINT0045847	chr17	35154920	35155332	+	0.076267
D17H6S56E-3	MmuINT0045849	chr17	35156094	35156606	+	0.060058
D17H6S56E-3	MmuINT0045851	chr17	35157086	35158092	+	0.035319
D17H6S56E-3	MmuINT0045852	chr17	35158206	35158455	+	0.041849
D17H6S56E-3	MmuINT0045853	chr17	35158573	35159592	+	0.019455
D17Wsu104e	MmuINT0045854	chr17	56322139	56323161	-	0.008505
D17Wsu104e	MmuINT0045855	chr17	56318849	56322087	-	0.012485
D17Wsu104e	MmuINT0045856	chr17	56317769	56318786	-	0.044421
D17Wsu104e	MmuINT0045857	chr17	56317195	56317686	-	0.029073
D17Wsu104e	MmuINT0045858	chr17	56316427	56317121	-	0.03281
D17Wsu92e	MmuINT0045860	chr17	27931009	27957121	-	0.00141
D17Wsu92e	MmuINT0045861	chr17	27923214	27930853	-	0.001365
D18Ert653e	MmuINT0045865	chr18	68266346	68395308	+	0.043521
D18Ert653e	MmuINT0045867	chr18	68410279	68413662	+	0.142122
D19Bwg1357e	MmuINT0045868	chr19	27501619	27504281	-	0.027965
D19Bwg1357e	MmuINT0045869	chr19	27491324	27493284	-	0.006977
D19Bwg1357e	MmuINT0045870	chr19	27490430	27491224	-	0.018821
D19Bwg1357e	MmuINT0045871	chr19	27486753	27490375	-	0.04246
D19Bwg1357e	MmuINT0045873	chr19	27473595	27474168	-	0.012188

D19Bwg1357e	MmuINT0045875	chr19	27468819	27470784	-	0.015111
D19Bwg1357e	MmuINT0045876	chr19	27464804	27468727	-	0.006191
D19Bwg1357e	MmuINT0045877	chr19	27500505	27501526	-	0.00787
D19Bwg1357e	MmuINT0045878	chr19	27498835	27500285	-	0.008259
D19Bwg1357e	MmuINT0045879	chr19	27498072	27498698	-	0.007969
D19Bwg1357e	MmuINT0045880	chr19	27497238	27497995	-	0.0107
D19Bwg1357e	MmuINT0045881	chr19	27496912	27497143	-	0.020392
D19Bwg1357e	MmuINT0045882	chr19	27495962	27496844	-	0.020446
D19Bwg1357e	MmuINT0045883	chr19	27494612	27495786	-	0.009218
D19Bwg1357e	MmuINT0045884	chr19	27493364	27494507	-	0.016615
D19ErtD386e	MmuINT0045885	chr19	42593348	42637041	+	0.061356
D19ErtD386e	MmuINT0045886	chr19	42638832	42650515	+	0.021336
D19ErtD386e	MmuINT0045887	chr19	42650692	42656409	+	0.055306
D19ErtD386e	MmuINT0045888	chr19	42656481	42657314	+	0.043861
D19ErtD386e	MmuINT0045889	chr19	42657411	42657892	+	0.030242
D19ErtD386e	MmuINT0045890	chr19	42658034	42665094	+	0.018315
D19ErtD737e	MmuINT0045928	chr19	60297208	60302134	-	0.0767
D19ErtD737e	MmuINT0045929	chr19	60296481	60296956	-	0.01575
D19ErtD737e	MmuINT0045930	chr19	60296264	60296392	-	0.018982
D19ErtD737e	MmuINT0045931	chr19	60296043	60296232	-	0.009054
D19ErtD737e	MmuINT0045932	chr19	60288666	60295942	-	0.011843
D19ErtD737e	MmuINT0045933	chr19	60275980	60288575	-	0.010047
D19ErtD737e	MmuINT0045934	chr19	60275391	60275872	-	0.008174
D19Wsu162e	MmuINT0045935	chr19	46673784	46681201	+	0.03064
D19Wsu162e	MmuINT0045936	chr19	46681250	46718842	+	0.073798
D19Wsu162e	MmuINT0045937	chr19	46718946	46726963	+	0.060956
D19Wsu162e	MmuINT0045938	chr19	46727126	46728454	+	0.015488
D1Bwg0212e	MmuINT0045941	chr1	39593183	39594260	+	0.023386
D1Bwg0212e	MmuINT0045942	chr1	39594426	39595115	+	0.023487
D1Bwg0212e	MmuINT0045943	chr1	39595269	39596717	+	0.022171
D1Bwg0212e	MmuINT0045944	chr1	39596921	39599244	+	0.008927
D1Bwg0212e	MmuINT0045945	chr1	39599448	39601736	+	0.028112
D1Bwg0212e	MmuINT0045946	chr1	39601834	39601913	+	0.048852
D1ErtD622e	MmuINT0045947	chr1	99551267	99558407	-	0.051934
D230025D16Rik	MmuINT0045949	chr8	1.08E+08	1.08E+08	+	0.020223
D230025D16Rik	MmuINT0045950	chr8	1.08E+08	1.08E+08	+	0.019434
D230025D16Rik	MmuINT0045951	chr8	1.08E+08	1.08E+08	+	0.017258
D230025D16Rik	MmuINT0045952	chr8	1.08E+08	1.08E+08	+	0.090636
D230025D16Rik	MmuINT0045953	chr8	1.08E+08	1.08E+08	+	0.03354
D230025D16Rik	MmuINT0045954	chr8	1.08E+08	1.08E+08	+	0.040551
D230025D16Rik	MmuINT0045955	chr8	1.08E+08	1.08E+08	+	0.007147
D230025D16Rik	MmuINT0045956	chr8	1.08E+08	1.08E+08	+	0.020577
D230025D16Rik	MmuINT0045957	chr8	1.08E+08	1.08E+08	+	0.02687
D230025D16Rik	MmuINT0045958	chr8	1.08E+08	1.08E+08	+	0.039063
D230025D16Rik	MmuINT0045959	chr8	1.08E+08	1.08E+08	+	0.020319
D230025D16Rik	MmuINT0045960	chr8	1.08E+08	1.08E+08	+	0.012989
D230025D16Rik	MmuINT0045961	chr8	1.08E+08	1.08E+08	+	0.015638
D230025D16Rik	MmuINT0045962	chr8	1.08E+08	1.08E+08	+	0.011583
D230025D16Rik	MmuINT0045963	chr8	1.08E+08	1.08E+08	+	0.006138
D230037D09Rik	MmuINT0045964	chr12	1.04E+08	1.04E+08	+	0.043109

D2Wsu81e	MmuINT0045973	chr2	30033486	30033909	-	0.282252
D2Wsu81e	MmuINT0045974	chr2	30030590	30030706	-	0.053586
D2Wsu81e	MmuINT0045975	chr2	30029706	30030441	-	0.040806
D2Wsu81e	MmuINT0045976	chr2	30033242	30033439	-	0.157876
D2Wsu81e	MmuINT0045977	chr2	30033003	30033112	-	0.070459
D2Wsu81e	MmuINT0045978	chr2	30032349	30032842	-	0.080439
D2Wsu81e	MmuINT0045979	chr2	30032185	30032258	-	0.041933
D2Wsu81e	MmuINT0045980	chr2	30032013	30032134	-	0.033146
D2Wsu81e	MmuINT0045981	chr2	30031512	30031881	-	0.123703
D2Wsu81e	MmuINT0045982	chr2	30031333	30031438	-	0.059636
D2Wsu81e	MmuINT0045983	chr2	30030810	30031233	-	0.172506
D2hgdh	MmuINT0045984	chr1	95721897	95722861	+	0.054603
D2hgdh	MmuINT0045989	chr1	95732033	95734516	+	0.005695
D330012F22Rik	MmuINT0045993	chr7	87378092	87383099	+	0.056839
D330041H03Rik	MmuINT0046004	chr17	24547299	24548869	-	0.381382
D3Erttd751e	MmuINT0046027	chr3	41546612	41550469	+	0.019588
D3Erttd751e	MmuINT0046030	chr3	41557563	41557645	+	0.032522
D3Erttd751e	MmuINT0046031	chr3	41557846	41559970	+	0.009908
D430042O09Rik	MmuINT0046060	chr7	1.33E+08	1.33E+08	+	0.03813
D430042O09Rik	MmuINT0046061	chr7	1.33E+08	1.33E+08	+	0.048267
D430042O09Rik	MmuINT0046062	chr7	1.33E+08	1.33E+08	+	0.041728
D430042O09Rik	MmuINT0046063	chr7	1.33E+08	1.33E+08	+	0.030483
D430042O09Rik	MmuINT0046064	chr7	1.33E+08	1.33E+08	+	0.051021
D430042O09Rik	MmuINT0046065	chr7	1.33E+08	1.33E+08	+	0.109761
D430042O09Rik	MmuINT0046066	chr7	1.33E+08	1.33E+08	+	0.034013
D430042O09Rik	MmuINT0046067	chr7	1.33E+08	1.33E+08	+	0.031925
D430042O09Rik	MmuINT0046069	chr7	1.33E+08	1.33E+08	+	0.041342
D430042O09Rik	MmuINT0046070	chr7	1.33E+08	1.33E+08	+	0.027627
D430042O09Rik	MmuINT0046071	chr7	1.33E+08	1.33E+08	+	0.047607
D430042O09Rik	MmuINT0046072	chr7	1.33E+08	1.33E+08	+	0.08097
D430042O09Rik	MmuINT0046073	chr7	1.33E+08	1.33E+08	+	0.139928
D430042O09Rik	MmuINT0046074	chr7	1.33E+08	1.33E+08	+	0.137168
D430042O09Rik	MmuINT0046075	chr7	1.33E+08	1.33E+08	+	0.056626
D430042O09Rik	MmuINT0046076	chr7	1.33E+08	1.33E+08	+	0.022874
D430042O09Rik	MmuINT0046078	chr7	1.33E+08	1.33E+08	+	0.036217
D430042O09Rik	MmuINT0046079	chr7	1.33E+08	1.33E+08	+	0.040529
D430042O09Rik	MmuINT0046081	chr7	1.33E+08	1.33E+08	+	0.032946
D430042O09Rik	MmuINT0046082	chr7	1.33E+08	1.33E+08	+	0.053507
D430042O09Rik	MmuINT0046083	chr7	1.33E+08	1.33E+08	+	0.029248
D4Erttd22e	MmuINT0046087	chr4	1.41E+08	1.41E+08	-	0.0103
D4Erttd22e	MmuINT0046088	chr4	1.41E+08	1.41E+08	-	0.009709
D4Wsu53e	MmuINT0046090	chr4	1.34E+08	1.34E+08	+	0.012591
D4Wsu53e	MmuINT0046091	chr4	1.34E+08	1.34E+08	+	0.007822
D4Wsu53e	MmuINT0046092	chr4	1.34E+08	1.34E+08	+	0.446511
D4Wsu53e	MmuINT0046093	chr4	1.34E+08	1.34E+08	+	0.001952
D5Erttd579e	MmuINT0046097	chr5	36961474	36962312	-	0.004843
D5Erttd579e	MmuINT0046098	chr5	36959184	36961391	-	0.019246
D5Erttd579e	MmuINT0046099	chr5	36950696	36955894	-	0.02011
D5Erttd579e	MmuINT0046100	chr5	36947258	36950586	-	0.017329
D5Erttd579e	MmuINT0046101	chr5	36945453	36947159	-	0.009632

D630037F22Rik	MmuINT0046140	chr10	55944532	55948283	-	0.047635
D630037F22Rik	MmuINT0046145	chr10	55890778	55893647	-	0.066428
D630037F22Rik	MmuINT0046148	chr10	55875625	55880940	-	0.04865
D630037F22Rik	MmuINT0046149	chr10	55871660	55875485	-	0.06235
D630037F22Rik	MmuINT0046150	chr10	55870719	55871571	-	0.053903
D630037F22Rik	MmuINT0046152	chr10	55848984	55870599	-	0.054747
D630037F22Rik	MmuINT0046155	chr10	55808221	55809522	-	0.059953
D630037F22Rik	MmuINT0046156	chr10	55807431	55808111	-	0.048463
D630037F22Rik	MmuINT0046157	chr10	55792408	55807336	-	0.051681
D630037F22Rik	MmuINT0046160	chr10	55769684	55771194	-	0.080284
D630037F22Rik	MmuINT0046161	chr10	55768824	55769567	-	0.059187
D630037F22Rik	MmuINT0046163	chr10	55760086	55768668	-	0.123073
D630037F22Rik	MmuINT0046164	chr10	55747894	55759944	-	0.043695
D630037F22Rik	MmuINT0046165	chr10	55737511	55747704	-	0.052106
D630042P16Rik	MmuINT0046186	chr6	1.12E+08	1.12E+08	-	0.22532
D6Wsu116e	MmuINT0046220	chr6	1.16E+08	1.16E+08	+	0.199405
D6Wsu116e	MmuINT0046221	chr6	1.16E+08	1.16E+08	+	0.019993
D6Wsu116e	MmuINT0046222	chr6	1.16E+08	1.16E+08	+	0.015188
D6Wsu116e	MmuINT0046223	chr6	1.16E+08	1.16E+08	+	0.052502
D6Wsu116e	MmuINT0046224	chr6	1.16E+08	1.16E+08	+	0.040535
D6Wsu116e	MmuINT0046225	chr6	1.16E+08	1.16E+08	+	0.020606
D6Wsu116e	MmuINT0046226	chr6	1.16E+08	1.16E+08	+	0.015172
D6Wsu116e	MmuINT0046227	chr6	1.16E+08	1.16E+08	+	0.029175
D6Wsu116e	MmuINT0046228	chr6	1.16E+08	1.16E+08	+	0.019664
D6Wsu116e	MmuINT0046229	chr6	1.16E+08	1.16E+08	+	0.012699
D6Wsu116e	MmuINT0046230	chr6	1.16E+08	1.16E+08	+	0.010917
D6Wsu116e	MmuINT0046231	chr6	1.16E+08	1.16E+08	+	0.012076
D6Wsu116e	MmuINT0046232	chr6	1.16E+08	1.16E+08	+	0.012006
D6Wsu116e	MmuINT0046233	chr6	1.16E+08	1.16E+08	+	0.010631
D6Wsu116e	MmuINT0046234	chr6	1.16E+08	1.16E+08	+	0.018007
D6Wsu116e	MmuINT0046235	chr6	1.16E+08	1.16E+08	+	0.012932
D6Wsu116e	MmuINT0046236	chr6	1.16E+08	1.16E+08	+	0.097143
D6Wsu116e	MmuINT0046237	chr6	1.16E+08	1.16E+08	+	0.153092
D6Wsu116e	MmuINT0046238	chr6	1.16E+08	1.16E+08	+	0.054487
D6Wsu116e	MmuINT0046239	chr6	1.16E+08	1.16E+08	+	0.097292
D6Wsu116e	MmuINT0046240	chr6	1.16E+08	1.16E+08	+	0.018346
D6Wsu116e	MmuINT0046241	chr6	1.16E+08	1.16E+08	+	0.037414
D6Wsu116e	MmuINT0046242	chr6	1.16E+08	1.16E+08	+	0.012578
D6Wsu116e	MmuINT0046243	chr6	1.16E+08	1.16E+08	+	0.043988
D6Wsu116e	MmuINT0046244	chr6	1.16E+08	1.16E+08	+	0.01237
D6Wsu116e	MmuINT0046245	chr6	1.16E+08	1.16E+08	+	0.011821
D6Wsu116e	MmuINT0046246	chr6	1.16E+08	1.16E+08	+	0.027466
D6Wsu116e	MmuINT0046247	chr6	1.16E+08	1.16E+08	+	0.029002
D6Wsu116e	MmuINT0046248	chr6	1.16E+08	1.16E+08	+	0.017723
D6Wsu116e	MmuINT0046249	chr6	1.16E+08	1.16E+08	+	0.031281
D6Wsu163e	MmuINT0046250	chr6	1.27E+08	1.27E+08	+	0.086929
D6Wsu163e	MmuINT0046251	chr6	1.27E+08	1.27E+08	+	0.047662
D6Wsu163e	MmuINT0046252	chr6	1.27E+08	1.27E+08	+	0.055707
D6Wsu163e	MmuINT0046253	chr6	1.27E+08	1.27E+08	+	0.055681
D6Wsu163e	MmuINT0046254	chr6	1.27E+08	1.27E+08	+	0.019575

D6Wsu163e	MmuINT0046255	chr6	1.27E+08	1.27E+08	+	0.119967
D6Wsu163e	MmuINT0046256	chr6	1.27E+08	1.27E+08	+	0.024395
D6Wsu163e	MmuINT0046257	chr6	1.27E+08	1.27E+08	+	0.082702
D6Wsu163e	MmuINT0046258	chr6	1.27E+08	1.27E+08	+	0.086862
D6Wsu163e	MmuINT0046259	chr6	1.27E+08	1.27E+08	+	0.105309
D6Wsu163e	MmuINT0046260	chr6	1.27E+08	1.27E+08	+	0.08804
D6Wsu163e	MmuINT0046261	chr6	1.27E+08	1.27E+08	+	0.130556
D6Wsu163e	MmuINT0046262	chr6	1.27E+08	1.27E+08	+	0.190449
D730040F13Rik	MmuINT0046271	chr4	56950852	56959716	-	0.023748
D730040F13Rik	MmuINT0046272	chr4	56916922	56919086	-	0.01615
D730040F13Rik	MmuINT0046275	chr4	56912044	56912177	-	0.005436
D730040F13Rik	MmuINT0046276	chr4	56903773	56911897	-	0.010921
D730040F13Rik	MmuINT0046277	chr4	56901582	56903671	-	0.007047
D730040F13Rik	MmuINT0046278	chr4	56899085	56901406	-	0.007237
D730040F13Rik	MmuINT0046279	chr4	56893165	56898889	-	0.012547
D730040F13Rik	MmuINT0046280	chr4	56949343	56950733	-	0.0103
D730040F13Rik	MmuINT0046281	chr4	56939166	56949240	-	0.010988
D730040F13Rik	MmuINT0046282	chr4	56938088	56939048	-	0.006963
D730040F13Rik	MmuINT0046283	chr4	56936381	56937850	-	0.00803
D730040F13Rik	MmuINT0046284	chr4	56929679	56936210	-	0.13314
D730040F13Rik	MmuINT0046285	chr4	56925003	56929573	-	0.010385
D730040F13Rik	MmuINT0046286	chr4	56923120	56924919	-	0.012679
D730040F13Rik	MmuINT0046287	chr4	56919186	56923028	-	0.007436
D8ErtD738e	MmuINT0046303	chr8	86773429	86773514	-	0.00498
D8ErtD738e	MmuINT0046304	chr8	86770593	86773372	-	0.003206
D8ErtD82e	MmuINT0046308	chr8	37192216	37202405	+	0.083436
D8ErtD82e	MmuINT0046309	chr8	37203167	37209355	+	0.090016
D930014E17Rik	MmuINT0046310	chr7	1.17E+08	1.17E+08	+	0.027249
D930014E17Rik	MmuINT0046311	chr7	1.17E+08	1.17E+08	+	0.023792
D930014E17Rik	MmuINT0046312	chr7	1.17E+08	1.17E+08	+	0.013016
D930014E17Rik	MmuINT0046313	chr7	1.17E+08	1.17E+08	+	0.015145
D930014E17Rik	MmuINT0046314	chr7	1.17E+08	1.17E+08	+	0.014635
D930015E06Rik	MmuINT0046316	chr3	83744528	83744812	-	0.024853
D930015E06Rik	MmuINT0046317	chr3	83742668	83744418	-	0.032858
D930015E06Rik	MmuINT0046318	chr3	83742090	83742573	-	0.023301
D930015E06Rik	MmuINT0046319	chr3	83741515	83741935	-	0.015395
D930015E06Rik	MmuINT0046320	chr3	83739989	83741343	-	0.025489
D930015E06Rik	MmuINT0046321	chr3	83738860	83739918	-	0.020302
D930015E06Rik	MmuINT0046322	chr3	83736787	83738741	-	0.021518
D930015E06Rik	MmuINT0046323	chr3	83735755	83736644	-	0.018788
D930015E06Rik	MmuINT0046324	chr3	83734631	83735644	-	0.02489
D930015E06Rik	MmuINT0046325	chr3	83732731	83734557	-	0.0229
D930015E06Rik	MmuINT0046327	chr3	83731077	83732602	-	0.020711
D930015E06Rik	MmuINT0046328	chr3	83730214	83730933	-	0.013574
D930015E06Rik	MmuINT0046329	chr3	83728096	83730026	-	0.013482
D930015E06Rik	MmuINT0046330	chr3	83727020	83727909	-	0.014665
D930015E06Rik	MmuINT0046331	chr3	83726485	83726869	-	0.012194
D930015E06Rik	MmuINT0046332	chr3	83723522	83725861	-	0.042638
D930015E06Rik	MmuINT0046333	chr3	83717311	83723372	-	0.013383
D930015E06Rik	MmuINT0046334	chr3	83714431	83717185	-	0.010534

D930015E06Rik	MmuINT0046335	chr3	83713257	83714290	-	0.102447
D930015E06Rik	MmuINT0046336	chr3	83710348	83713073	-	0.08121
D930015E06Rik	MmuINT0046338	chr3	83709038	83710268	-	0.022565
D930015E06Rik	MmuINT0046339	chr3	83705389	83708954	-	0.018553
D930015E06Rik	MmuINT0046340	chr3	83704341	83705267	-	0.020782
D930015E06Rik	MmuINT0046341	chr3	83703239	83704248	-	0.021574
D930015E06Rik	MmuINT0046342	chr3	83702536	83703098	-	0.009614
D930015E06Rik	MmuINT0046344	chr3	83765557	83766219	-	0.021012
D930015E06Rik	MmuINT0046346	chr3	83746752	83764608	-	0.046838
D930015E06Rik	MmuINT0046347	chr3	83746463	83746673	-	0.015861
D930015E06Rik	MmuINT0046348	chr3	83744872	83746308	-	0.019844
D930048N14Rik	MmuINT0046368	chr11	51467616	51468274	+	0.207882
D9Ert402e	MmuINT0046369	chr9	1.23E+08	1.23E+08	+	0.030708
D9Ert402e	MmuINT0046370	chr9	1.23E+08	1.23E+08	+	0.012307
D9Ert402e	MmuINT0046371	chr9	1.23E+08	1.23E+08	+	0.006513
D9Ert402e	MmuINT0046372	chr9	1.23E+08	1.23E+08	+	0.005007
D9Ert402e	MmuINT0046373	chr9	1.23E+08	1.23E+08	+	0.005782
D9Ert402e	MmuINT0046374	chr9	1.23E+08	1.23E+08	+	0.019419
D9Ert402e	MmuINT0046375	chr9	1.23E+08	1.23E+08	+	0.008279
D9Ert402e	MmuINT0046376	chr9	1.23E+08	1.23E+08	+	0.005728
D9Ert402e	MmuINT0046377	chr9	1.23E+08	1.23E+08	+	0.012025
D9Ert402e	MmuINT0046378	chr9	1.23E+08	1.23E+08	+	0.005767
Daam1	MmuINT0046383	chr12	72932319	72996713	+	0.016447
Daam1	MmuINT0046384	chr12	73047620	73047985	+	0.005355
Daam1	MmuINT0046385	chr12	73048125	73048379	+	0.004182
Daam1	MmuINT0046386	chr12	73048439	73052180	+	0.005785
Daam1	MmuINT0046387	chr12	73052369	73052819	+	0.006573
Daam1	MmuINT0046388	chr12	73053120	73053438	+	0.004989
Daam1	MmuINT0046391	chr12	73060900	73072080	+	0.010555
Daam1	MmuINT0046392	chr12	73072166	73076176	+	0.008726
Daam1	MmuINT0046393	chr12	73076284	73077782	+	0.005459
Daam1	MmuINT0046394	chr12	72996934	73016685	+	0.00546
Daam1	MmuINT0046395	chr12	73077872	73078629	+	0.0312
Daam1	MmuINT0046396	chr12	73078799	73081740	+	0.009476
Daam1	MmuINT0046397	chr12	73081849	73083679	+	0.011054
Daam1	MmuINT0046398	chr12	73083741	73086669	+	0.013937
Daam1	MmuINT0046399	chr12	73086802	73089872	+	0.005081
Daam1	MmuINT0046400	chr12	73090044	73090665	+	0.006216
Daam1	MmuINT0046401	chr12	73016776	73037545	+	0.007617
Daam1	MmuINT0046402	chr12	73037618	73043159	+	0.004842
Daam1	MmuINT0046403	chr12	73043255	73045040	+	0.004464
Daam1	MmuINT0046404	chr12	73045375	73046170	+	0.004558
Daam1	MmuINT0046405	chr12	73046282	73046384	+	0.009429
Daam1	MmuINT0046406	chr12	73046489	73047214	+	0.009088
Daam1	MmuINT0046407	chr12	73047282	73047501	+	0.006578
Daam2	MmuINT0046417	chr17	49609092	49611287	-	0.046304
Daam2	MmuINT0046421	chr17	49603359	49603787	-	0.033058
Daam2	MmuINT0046422	chr17	49601527	49603250	-	0.062863
Daam2	MmuINT0046424	chr17	49598549	49599931	-	0.099104
Daam2	MmuINT0046425	chr17	49598073	49598377	-	0.216019



Daam2	MmuINT0046429	chr17	49628381	49629318	-	0.075601
Dab2	MmuINT0046447	chr15	6336933	6366805	+	0.017836
Dab2	MmuINT0046448	chr15	6379950	6380953	+	0.169099
Dab2	MmuINT0046449	chr15	6381108	6385164	+	0.020897
Dab2	MmuINT0046450	chr15	6385801	6386390	+	0.015997
Dab2	MmuINT0046451	chr15	6386498	6386982	+	0.014024
Dab2	MmuINT0046452	chr15	6387051	6388781	+	0.112562
Dab2	MmuINT0046453	chr15	6366995	6368229	+	0.011644
Dab2	MmuINT0046454	chr15	6368370	6369738	+	0.014065
Dab2	MmuINT0046455	chr15	6369838	6372234	+	0.015644
Dab2	MmuINT0046456	chr15	6372367	6373085	+	0.027857
Dab2	MmuINT0046457	chr15	6373167	6373925	+	0.057465
Dab2	MmuINT0046458	chr15	6373953	6374196	+	0.041417
Dab2	MmuINT0046459	chr15	6374251	6374634	+	0.047113
Dab2	MmuINT0046460	chr15	6374698	6379295	+	0.194967
Dab2ip	MmuINT0046464	chr2	35572793	35574279	+	0.013781
Dab2ip	MmuINT0046465	chr2	35574459	35575372	+	0.023591
Dab2ip	MmuINT0046466	chr2	35576262	35576780	+	0.012014
Dab2ip	MmuINT0046467	chr2	35576934	35578548	+	0.067591
Dab2ip	MmuINT0046468	chr2	35578743	35582945	+	0.034539
Dab2ip	MmuINT0046469	chr2	35583034	35583577	+	0.032714
Dab2ip	MmuINT0046470	chr2	35583649	35584630	+	0.818547
Dab2ip	MmuINT0046471	chr2	35499512	35517011	+	0.063953
Dab2ip	MmuINT0046472	chr2	35517146	35563167	+	0.019423
Dab2ip	MmuINT0046473	chr2	35563322	35564333	+	0.015575
Dab2ip	MmuINT0046474	chr2	35564433	35565337	+	0.008992
Dab2ip	MmuINT0046475	chr2	35565893	35568385	+	0.011155
Dab2ip	MmuINT0046476	chr2	35568531	35568625	+	0.021592
Dab2ip	MmuINT0046477	chr2	35568771	35570788	+	0.014488
Dab2ip	MmuINT0046478	chr2	35571026	35572590	+	0.007781
Dach1	MmuINT0046489	chr14	98230661	98239307	-	0.030528
Dact3	MmuINT0046511	chr7	17461023	17468475	+	0.010974
Dact3	MmuINT0046512	chr7	17468573	17468706	+	0.047086
Dact3	MmuINT0046513	chr7	17468860	17470429	+	0.024307
Dad1	MmuINT0046514	chr14	54862544	54873306	-	0.001365
Dag1	MmuINT0046524	chr9	1.08E+08	1.08E+08	-	0.009379
Dag1	MmuINT0046525	chr9	1.08E+08	1.08E+08	-	0.021387
Dag1	MmuINT0046526	chr9	1.08E+08	1.08E+08	-	0.00395
Daglb	MmuINT0046546	chr5	1.44E+08	1.44E+08	+	0.036877
Daglb	MmuINT0046547	chr5	1.44E+08	1.44E+08	+	0.027748
Daglb	MmuINT0046548	chr5	1.44E+08	1.44E+08	+	0.037882
Daglb	MmuINT0046549	chr5	1.44E+08	1.44E+08	+	0.02951
Daglb	MmuINT0046550	chr5	1.44E+08	1.44E+08	+	0.054303
Daglb	MmuINT0046551	chr5	1.44E+08	1.44E+08	+	0.023884
Daglb	MmuINT0046552	chr5	1.44E+08	1.44E+08	+	0.02416
Daglb	MmuINT0046553	chr5	1.44E+08	1.44E+08	+	0.055297
Daglb	MmuINT0046554	chr5	1.44E+08	1.44E+08	+	0.051681
Daglb	MmuINT0046555	chr5	1.44E+08	1.44E+08	+	0.019183
Daglb	MmuINT0046556	chr5	1.44E+08	1.44E+08	+	0.022651
Daglb	MmuINT0046557	chr5	1.44E+08	1.44E+08	+	0.057407

Daglb	MmuINT0046558	chr5	1.44E+08	1.44E+08	+	0.052643
Daglb	MmuINT0046559	chr5	1.44E+08	1.44E+08	+	0.040015
Dak	MmuINT0046560	chr19	10675251	10678657	-	0.027967
Dak	MmuINT0046561	chr19	10669313	10669783	-	0.026409
Dak	MmuINT0046562	chr19	10669059	10669192	-	0.035212
Dak	MmuINT0046563	chr19	10668267	10668920	-	0.045204
Dak	MmuINT0046564	chr19	10668058	10668159	-	0.024439
Dak	MmuINT0046565	chr19	10667850	10667953	-	0.023339
Dak	MmuINT0046566	chr19	10667727	10667815	-	0.046012
Dak	MmuINT0046567	chr19	10667280	10667636	-	0.056561
Dak	MmuINT0046568	chr19	10673909	10675060	-	0.032193
Dak	MmuINT0046569	chr19	10673704	10673797	-	0.050006
Dak	MmuINT0046570	chr19	10671879	10673521	-	0.024438
Dak	MmuINT0046571	chr19	10671512	10671799	-	0.03328
Dak	MmuINT0046572	chr19	10670883	10671421	-	0.082847
Dak	MmuINT0046573	chr19	10670773	10670847	-	0.058617
Dak	MmuINT0046574	chr19	10670592	10670687	-	0.053932
Dak	MmuINT0046575	chr19	10669901	10670501	-	0.02963
Dalrd3	MmuINT0046576	chr9	1.08E+08	1.08E+08	+	0.014729
Dalrd3	MmuINT0046577	chr9	1.08E+08	1.08E+08	+	0.328438
Dalrd3	MmuINT0046578	chr9	1.08E+08	1.08E+08	+	0.005383
Dalrd3	MmuINT0046579	chr9	1.08E+08	1.08E+08	+	0.022321
Dalrd3	MmuINT0046580	chr9	1.08E+08	1.08E+08	+	0.019746
Dalrd3	MmuINT0046581	chr9	1.08E+08	1.08E+08	+	0.122317
Dalrd3	MmuINT0046582	chr9	1.08E+08	1.08E+08	+	0.080096
Dalrd3	MmuINT0046583	chr9	1.08E+08	1.08E+08	+	0.030711
Dalrd3	MmuINT0046584	chr9	1.08E+08	1.08E+08	+	0.23431
Dalrd3	MmuINT0046585	chr9	1.08E+08	1.08E+08	+	0.251052
Dand5	MmuINT0046587	chr8	87340433	87356068	-	0.091145
Dap	MmuINT0046598	chr15	31154339	31165527	+	0.009418
Dap	MmuINT0046599	chr15	31165625	31202143	+	0.026126
Dap	MmuINT0046600	chr15	31202187	31202951	+	0.016979
Dap3	MmuINT0046602	chr3	88746751	88753789	-	0.004023
Dap3	MmuINT0046603	chr3	88730284	88730932	-	0.012354
Dap3	MmuINT0046604	chr3	88729334	88730193	-	0.020105
Dap3	MmuINT0046605	chr3	88727836	88729215	-	0.000236
Dap3	MmuINT0046606	chr3	88740176	88746696	-	0.002706
Dap3	MmuINT0046607	chr3	88737589	88740070	-	0.002687
Dap3	MmuINT0046608	chr3	88734943	88737486	-	0.0053
Dap3	MmuINT0046609	chr3	88734491	88734833	-	0.003752
Dap3	MmuINT0046610	chr3	88733449	88734397	-	0.005069
Dap3	MmuINT0046611	chr3	88732450	88733317	-	0.005727
Dap3	MmuINT0046612	chr3	88732290	88732368	-	0.009232
Dap3	MmuINT0046613	chr3	88730993	88732130	-	0.016212
Dapk1	MmuINT0046614	chr13	60703472	60703785	+	0.053208
Dapk1	MmuINT0046615	chr13	60823225	60824380	+	0.023738
Dapk1	MmuINT0046616	chr13	60824474	60826657	+	0.009966
Dapk1	MmuINT0046617	chr13	60826778	60827176	+	0.008351
Dapk1	MmuINT0046618	chr13	60827276	60827922	+	0.013889
Dapk1	MmuINT0046619	chr13	60828022	60829788	+	0.014212

Dapk1	MmuINT0046620	chr13	60829888	60830737	+	0.006781
Dapk1	MmuINT0046621	chr13	60830936	60832185	+	0.008498
Dapk1	MmuINT0046622	chr13	60832384	60837604	+	0.042264
Dapk1	MmuINT0046623	chr13	60837704	60841415	+	0.008254
Dapk1	MmuINT0046624	chr13	60841494	60849461	+	0.00745
Dapk1	MmuINT0046625	chr13	60703958	60797591	+	0.009047
Dapk1	MmuINT0046626	chr13	60849685	60850553	+	0.00584
Dapk1	MmuINT0046627	chr13	60850743	60852491	+	0.011065
Dapk1	MmuINT0046628	chr13	60852690	60853574	+	0.004926
Dapk1	MmuINT0046629	chr13	60853714	60855469	+	0.029381
Dapk1	MmuINT0046630	chr13	60855591	60858709	+	0.008053
Dapk1	MmuINT0046631	chr13	60797814	60818038	+	0.010702
Dapk1	MmuINT0046632	chr13	60818178	60819374	+	0.009292
Dapk1	MmuINT0046633	chr13	60819505	60819662	+	0.028831
Dapk1	MmuINT0046634	chr13	60819712	60819797	+	0.067248
Dapk1	MmuINT0046635	chr13	60819825	60820970	+	0.006866
Dapk1	MmuINT0046636	chr13	60821124	60821471	+	0.010443
Dapk1	MmuINT0046637	chr13	60821518	60823134	+	0.011098
Dapk1	MmuINT0046639	chr13	60863246	60863717	+	0.944533
Dapk2	MmuINT0046641	chr9	66116576	66116673	+	0.060294
Dapk2	MmuINT0046642	chr9	66116758	66119433	+	0.069111
Dapk2	MmuINT0046644	chr9	66068563	66079519	+	0.055496
Dapk2	MmuINT0046648	chr9	66098909	66102277	+	0.053574
Dapk3	MmuINT0046651	chr10	80646821	80652683	+	0.080015
Dapk3	MmuINT0046652	chr10	80653045	80653126	+	0.080423
Dapk3	MmuINT0046653	chr10	80653257	80653342	+	0.062447
Dapk3	MmuINT0046654	chr10	80653392	80653786	+	0.113661
Dapk3	MmuINT0046655	chr10	80653814	80654503	+	0.137554
Dapk3	MmuINT0046656	chr10	80654657	80655041	+	0.300423
Dapk3	MmuINT0046657	chr10	80655088	80655170	+	0.103613
Dapp1	MmuINT0046662	chr3	1.38E+08	1.38E+08	-	0.382453
Dapp1	MmuINT0046663	chr3	1.38E+08	1.38E+08	-	0.053485
Dapp1	MmuINT0046664	chr3	1.38E+08	1.38E+08	-	0.077259
Dapp1	MmuINT0046665	chr3	1.38E+08	1.38E+08	-	0.050547
Dapp1	MmuINT0046666	chr3	1.38E+08	1.38E+08	-	0.05279
Dapp1	MmuINT0046667	chr3	1.38E+08	1.38E+08	-	0.053026
Dapp1	MmuINT0046668	chr3	1.38E+08	1.38E+08	-	0.051306
Dars	MmuINT0046670	chr1	1.3E+08	1.3E+08	-	0.002983
Dars	MmuINT0046671	chr1	1.3E+08	1.3E+08	-	0.003849
Dars	MmuINT0046673	chr1	1.3E+08	1.3E+08	-	0.013496
Dars	MmuINT0046674	chr1	1.3E+08	1.3E+08	-	0.004806
Dars	MmuINT0046675	chr1	1.3E+08	1.3E+08	-	0.008985
Dars	MmuINT0046676	chr1	1.3E+08	1.3E+08	-	0.003139
Dars	MmuINT0046677	chr1	1.3E+08	1.3E+08	-	0.003977
Dars	MmuINT0046678	chr1	1.3E+08	1.3E+08	-	0.007884
Dars	MmuINT0046680	chr1	1.3E+08	1.3E+08	-	0.003686
Dars	MmuINT0046681	chr1	1.3E+08	1.3E+08	-	0.00515
Dars	MmuINT0046682	chr1	1.3E+08	1.3E+08	-	0.003831
Dars	MmuINT0046683	chr1	1.3E+08	1.3E+08	-	0.003987
Dars	MmuINT0046684	chr1	1.3E+08	1.3E+08	-	0.003076

Dars	MmuINT0046685	chr1	1.3E+08	1.3E+08	-	0.010137
Dars2	MmuINT0046686	chr1	1.63E+08	1.63E+08	-	0.021413
Dars2	MmuINT0046687	chr1	1.63E+08	1.63E+08	-	0.008414
Dars2	MmuINT0046688	chr1	1.63E+08	1.63E+08	-	0.012944
Dars2	MmuINT0046689	chr1	1.63E+08	1.63E+08	-	0.011774
Dars2	MmuINT0046690	chr1	1.63E+08	1.63E+08	-	0.010261
Dars2	MmuINT0046691	chr1	1.63E+08	1.63E+08	-	0.092888
Dars2	MmuINT0046692	chr1	1.63E+08	1.63E+08	-	0.024203
Dars2	MmuINT0046693	chr1	1.63E+08	1.63E+08	-	0.012257
Dars2	MmuINT0046694	chr1	1.63E+08	1.63E+08	-	0.018722
Dars2	MmuINT0046695	chr1	1.63E+08	1.63E+08	-	0.013349
Dars2	MmuINT0046696	chr1	1.63E+08	1.63E+08	-	0.011788
Dars2	MmuINT0046697	chr1	1.63E+08	1.63E+08	-	0.01214
Dars2	MmuINT0046698	chr1	1.63E+08	1.63E+08	-	0.016377
Dars2	MmuINT0046699	chr1	1.63E+08	1.63E+08	-	0.018077
Dars2	MmuINT0046700	chr1	1.63E+08	1.63E+08	-	0.012419
Dars2	MmuINT0046701	chr1	1.63E+08	1.63E+08	-	0.013097
Daxx	MmuINT0046702	chr17	34046544	34047375	+	0.075988
Daxx	MmuINT0046703	chr17	34047617	34048182	+	0.052928
Daxx	MmuINT0046704	chr17	34049015	34049102	+	0.01098
Daxx	MmuINT0046705	chr17	34049315	34049532	+	0.025261
Daxx	MmuINT0046706	chr17	34049753	34050217	+	0.046266
Daxx	MmuINT0046707	chr17	34050672	34050787	+	0.06693
Daxx	MmuINT0046708	chr17	34051008	34052287	+	0.03705
Dazap1	MmuINT0046710	chr10	79727924	79736751	+	0.019593
Dazap1	MmuINT0046711	chr10	79747295	79747994	+	0.046419
Dazap1	MmuINT0046712	chr10	79748172	79750280	+	0.198034
Dazap1	MmuINT0046713	chr10	79736793	79737192	+	0.019381
Dazap1	MmuINT0046714	chr10	79737360	79737548	+	0.008034
Dazap1	MmuINT0046715	chr10	79740428	79740977	+	0.011099
Dazap1	MmuINT0046716	chr10	79741027	79743673	+	0.177609
Dazap1	MmuINT0046717	chr10	79743757	79745768	+	0.105761
Dazap1	MmuINT0046718	chr10	79745923	79746974	+	0.026995
Dazap1	MmuINT0046719	chr10	79747005	79747153	+	0.07322
Dazap2	MmuINT0046720	chr15	1E+08	1E+08	+	0.00664
Dbi	MmuINT0046763	chr1	1.22E+08	1.22E+08	-	0.000671
Dbi	MmuINT0046764	chr1	1.22E+08	1.22E+08	-	0.001909
Dbi	MmuINT0046765	chr1	1.22E+08	1.22E+08	-	0.001994
Dbn1	MmuINT0046770	chr13	55584804	55589223	-	0.058269
Dbn1	MmuINT0046771	chr13	55577678	55578911	-	0.089027
Dbn1	MmuINT0046772	chr13	55576898	55577506	-	0.031969
Dbn1	MmuINT0046773	chr13	55575655	55575816	-	0.044783
Dbn1	MmuINT0046774	chr13	55584166	55584747	-	0.078623
Dbn1	MmuINT0046775	chr13	55583849	55584052	-	0.072358
Dbn1	MmuINT0046776	chr13	55583659	55583773	-	0.04654
Dbn1	MmuINT0046777	chr13	55583352	55583511	-	0.143714
Dbn1	MmuINT0046778	chr13	55583052	55583273	-	0.129805
Dbn1	MmuINT0046779	chr13	55582774	55582899	-	0.040199
Dbn1	MmuINT0046780	chr13	55579198	55582709	-	0.055805
Dbn1	MmuINT0046781	chr13	55579042	55579137	-	0.048664

Dbndd1	MmuINT0046782	chr8	1.26E+08	1.26E+08	-	0.947753
Dbndd2	MmuINT0046787	chr2	1.64E+08	1.64E+08	+	0.021339
Dbnl	MmuINT0046789	chr11	5688646	5691794	+	0.022745
Dbnl	MmuINT0046790	chr11	5698115	5698218	+	0.009061
Dbnl	MmuINT0046791	chr11	5698329	5699236	+	0.018797
Dbnl	MmuINT0046792	chr11	5699343	5699862	+	0.014103
Dbnl	MmuINT0046793	chr11	5691851	5693652	+	0.012808
Dbnl	MmuINT0046794	chr11	5693766	5694239	+	0.029288
Dbnl	MmuINT0046795	chr11	5694315	5695450	+	0.006908
Dbnl	MmuINT0046796	chr11	5695598	5696748	+	0.005801
Dbnl	MmuINT0046797	chr11	5696827	5697026	+	0.005602
Dbnl	MmuINT0046798	chr11	5697724	5698018	+	0.036883
Dbp	MmuINT0046799	chr7	52961133	52961975	+	0.17452
Dbp	MmuINT0046800	chr7	52962387	52963629	+	0.195585
Dbr1	MmuINT0046801	chr9	99476545	99476994	+	0.053426
Dbr1	MmuINT0046802	chr9	99477120	99478859	+	0.121765
Dbr1	MmuINT0046803	chr9	99478941	99479775	+	0.071538
Dbr1	MmuINT0046804	chr9	99479862	99480557	+	0.051481
Dbr1	MmuINT0046805	chr9	99480783	99482440	+	0.071194
Dbr1	MmuINT0046806	chr9	99482522	99482735	+	0.03162
Dbr1	MmuINT0046807	chr9	99482882	99483730	+	0.038748
Dbt	MmuINT0046808	chr3	1.16E+08	1.16E+08	+	0.004298
Dbt	MmuINT0046809	chr3	1.16E+08	1.16E+08	+	0.005811
Dbt	MmuINT0046810	chr3	1.16E+08	1.16E+08	+	0.004548
Dbt	MmuINT0046811	chr3	1.16E+08	1.16E+08	+	0.003999
Dbt	MmuINT0046812	chr3	1.16E+08	1.16E+08	+	0.002478
Dbt	MmuINT0046813	chr3	1.16E+08	1.16E+08	+	0.004059
Dbt	MmuINT0046814	chr3	1.16E+08	1.16E+08	+	0.002114
Dbt	MmuINT0046815	chr3	1.16E+08	1.16E+08	+	0.003269
Dbt	MmuINT0046816	chr3	1.16E+08	1.16E+08	+	0.005995
Dbt	MmuINT0046817	chr3	1.16E+08	1.16E+08	+	0.004011
Dcaf10	MmuINT0046824	chr4	45355600	45360977	+	0.027107
Dcaf10	MmuINT0046825	chr4	45361092	45372632	+	0.027
Dcaf10	MmuINT0046826	chr4	45372831	45383177	+	0.038926
Dcaf10	MmuINT0046827	chr4	45383381	45385535	+	0.031784
Dcaf10	MmuINT0046828	chr4	45385647	45385795	+	0.030054
Dcaf10	MmuINT0046829	chr4	45385942	45386780	+	0.028928
Dcaf11	MmuINT0046830	chr14	56178959	56180046	+	0.521717
Dcaf11	MmuINT0046831	chr14	56184379	56184473	+	0.005356
Dcaf11	MmuINT0046832	chr14	56184660	56185700	+	0.019235
Dcaf11	MmuINT0046833	chr14	56185855	56186084	+	0.007349
Dcaf11	MmuINT0046834	chr14	56186238	56187859	+	0.013581
Dcaf11	MmuINT0046835	chr14	56187967	56188064	+	0.008386
Dcaf11	MmuINT0046836	chr14	56180280	56181728	+	0.01936
Dcaf11	MmuINT0046837	chr14	56181857	56182208	+	0.001042
Dcaf11	MmuINT0046838	chr14	56182337	56182556	+	0.009334
Dcaf11	MmuINT0046839	chr14	56182622	56182889	+	0.003614
Dcaf11	MmuINT0046840	chr14	56182991	56183207	+	0.001452
Dcaf11	MmuINT0046841	chr14	56183355	56183570	+	0.007214
Dcaf11	MmuINT0046842	chr14	56183626	56183934	+	0.017193

Dcaf11	MmuINT0046843	chr14	56184004	56184320	+	0.021347
Dcaf12	MmuINT0046844	chr4	41260499	41261520	-	0.031948
Dcaf12	MmuINT0046845	chr4	41249854	41260243	-	0.010729
Dcaf12	MmuINT0046846	chr4	41248428	41249646	-	0.011181
Dcaf12	MmuINT0046847	chr4	41246634	41248366	-	0.031778
Dcaf12	MmuINT0046848	chr4	41245385	41246439	-	0.011087
Dcaf12	MmuINT0046849	chr4	41243507	41245318	-	0.00919
Dcaf12	MmuINT0046850	chr4	41241145	41243343	-	0.006889
Dcaf12	MmuINT0046851	chr4	41240248	41240965	-	0.006701
Dcaf13	MmuINT0046853	chr15	38944598	38950256	+	0.008884
Dcaf13	MmuINT0046854	chr15	38976801	38978218	+	0.016062
Dcaf13	MmuINT0046855	chr15	38950457	38950890	+	0.009893
Dcaf13	MmuINT0046856	chr15	38950999	38954758	+	0.021461
Dcaf13	MmuINT0046857	chr15	38954849	38955874	+	0.01514
Dcaf13	MmuINT0046858	chr15	38956031	38959435	+	0.013863
Dcaf13	MmuINT0046859	chr15	38959514	38961761	+	0.016157
Dcaf13	MmuINT0046860	chr15	38961845	38969629	+	0.027767
Dcaf13	MmuINT0046861	chr15	38969795	38975168	+	0.011723
Dcaf13	MmuINT0046862	chr15	38975305	38976636	+	0.017047
Dcaf15	MmuINT0046864	chr8	86621940	86622097	-	0.097795
Dcaf15	MmuINT0046865	chr8	86621752	86621834	-	0.108556
Dcaf15	MmuINT0046866	chr8	86621408	86621521	-	0.834062
Dcaf15	MmuINT0046867	chr8	86626781	86626854	-	0.053729
Dcaf15	MmuINT0046868	chr8	86626170	86626644	-	0.123128
Dcaf15	MmuINT0046869	chr8	86625971	86626062	-	0.099048
Dcaf15	MmuINT0046870	chr8	86625746	86625830	-	0.064133
Dcaf15	MmuINT0046871	chr8	86623092	86625574	-	0.095749
Dcaf15	MmuINT0046872	chr8	86622570	86622656	-	0.057517
Dcaf15	MmuINT0046873	chr8	86622390	86622477	-	0.046551
Dcaf15	MmuINT0046874	chr8	86622184	86622260	-	0.068431
Dcaf17	MmuINT0046875	chr2	70922592	70924595	+	0.050304
Dcaf17	MmuINT0046876	chr2	70924684	70925371	+	0.053012
Dcaf17	MmuINT0046877	chr2	70925456	70926403	+	0.03862
Dcaf17	MmuINT0046880	chr2	70894177	70894551	+	0.129305
Dcaf17	MmuINT0046881	chr2	70894656	70898409	+	0.049672
Dcaf17	MmuINT0046882	chr2	70898501	70901415	+	0.057885
Dcaf17	MmuINT0046885	chr2	70913594	70916116	+	0.067696
Dcaf4	MmuINT0046887	chr12	84878765	84878893	+	0.040101
Dcaf4	MmuINT0046888	chr12	84878992	84880257	+	0.011263
Dcaf4	MmuINT0046889	chr12	84880432	84880738	+	0.009831
Dcaf4	MmuINT0046890	chr12	84880854	84882314	+	0.015002
Dcaf4	MmuINT0046891	chr12	84867191	84870117	+	0.010034
Dcaf4	MmuINT0046892	chr12	84870219	84870926	+	0.009432
Dcaf4	MmuINT0046893	chr12	84871085	84871773	+	0.014581
Dcaf4	MmuINT0046894	chr12	84871857	84873228	+	0.029022
Dcaf4	MmuINT0046895	chr12	84873332	84874816	+	0.019456
Dcaf4	MmuINT0046896	chr12	84874961	84875809	+	0.027857
Dcaf4	MmuINT0046897	chr12	84875860	84876849	+	0.018895
Dcaf4	MmuINT0046898	chr12	84876930	84878662	+	0.016003
Dcaf5	MmuINT0046899	chr12	81505686	81537171	-	0.015411

Dcaf5	MmuINT0046900	chr12	81500973	81505541	-	0.011674
Dcaf5	MmuINT0046901	chr12	81499896	81500935	-	0.011459
Dcaf5	MmuINT0046902	chr12	81498770	81499755	-	0.008097
Dcaf5	MmuINT0046903	chr12	81477719	81498639	-	0.011592
Dcaf5	MmuINT0046904	chr12	81465058	81477504	-	0.007049
Dcaf5	MmuINT0046905	chr12	81449435	81464990	-	0.014647
Dcaf5	MmuINT0046906	chr12	81441264	81449306	-	0.00786
Dcaf6	MmuINT0046908	chr1	1.67E+08	1.67E+08	-	0.019711
Dcaf6	MmuINT0046909	chr1	1.67E+08	1.67E+08	-	0.002734
Dcaf6	MmuINT0046910	chr1	1.67E+08	1.67E+08	-	0.004154
Dcaf6	MmuINT0046911	chr1	1.67E+08	1.67E+08	-	0.00176
Dcaf6	MmuINT0046912	chr1	1.67E+08	1.67E+08	-	0.002012
Dcaf6	MmuINT0046913	chr1	1.67E+08	1.67E+08	-	0.046068
Dcaf6	MmuINT0046914	chr1	1.67E+08	1.67E+08	-	0.004374
Dcaf6	MmuINT0046915	chr1	1.67E+08	1.67E+08	-	0.008287
Dcaf6	MmuINT0046916	chr1	1.67E+08	1.67E+08	-	0.006752
Dcaf6	MmuINT0046917	chr1	1.67E+08	1.67E+08	-	0.004787
Dcaf6	MmuINT0046918	chr1	1.67E+08	1.67E+08	-	0.004263
Dcaf6	MmuINT0046919	chr1	1.67E+08	1.67E+08	-	0.003573
Dcaf6	MmuINT0046920	chr1	1.67E+08	1.67E+08	-	0.003273
Dcaf6	MmuINT0046921	chr1	1.67E+08	1.67E+08	-	0.003267
Dcaf6	MmuINT0046922	chr1	1.67E+08	1.67E+08	-	0.002694
Dcaf6	MmuINT0046923	chr1	1.67E+08	1.67E+08	-	0.002769
Dcaf6	MmuINT0046924	chr1	1.67E+08	1.67E+08	-	0.005624
Dcaf7	MmuINT0046925	chr11	1.06E+08	1.06E+08	+	0.00786
Dcaf7	MmuINT0046926	chr11	1.06E+08	1.06E+08	+	0.009828
Dcaf7	MmuINT0046927	chr11	1.06E+08	1.06E+08	+	0.012222
Dcaf7	MmuINT0046928	chr11	1.06E+08	1.06E+08	+	0.008728
Dcaf7	MmuINT0046929	chr11	1.06E+08	1.06E+08	+	0.006574
Dcaf7	MmuINT0046930	chr11	1.06E+08	1.06E+08	+	0.017796
Dcaf8	MmuINT0046931	chr1	1.74E+08	1.74E+08	+	0.109501
Dcaf8	MmuINT0046932	chr1	1.74E+08	1.74E+08	+	0.039536
Dcaf8	MmuINT0046933	chr1	1.74E+08	1.74E+08	+	0.014748
Dcaf8	MmuINT0046934	chr1	1.74E+08	1.74E+08	+	0.002702
Dcaf8	MmuINT0046935	chr1	1.74E+08	1.74E+08	+	0.018211
Dcaf8	MmuINT0046936	chr1	1.74E+08	1.74E+08	+	0.002334
Dcaf8	MmuINT0046937	chr1	1.74E+08	1.74E+08	+	0.00162
Dcaf8	MmuINT0046938	chr1	1.74E+08	1.74E+08	+	0.013354
Dcaf8	MmuINT0046939	chr1	1.74E+08	1.74E+08	+	0.003864
Dcaf8	MmuINT0046940	chr1	1.74E+08	1.74E+08	+	0.013292
Dcaf8	MmuINT0046941	chr1	1.74E+08	1.74E+08	+	0.001746
Dcaf8	MmuINT0046942	chr1	1.74E+08	1.74E+08	+	0.022015
Dcaf8	MmuINT0046943	chr1	1.74E+08	1.74E+08	+	0.05593
Dcakd	MmuINT0046944	chr11	1.03E+08	1.03E+08	-	0.152837
Dcakd	MmuINT0046945	chr11	1.03E+08	1.03E+08	-	0.131367
Dcakd	MmuINT0046946	chr11	1.03E+08	1.03E+08	-	0.480669
Dcakd	MmuINT0046947	chr11	1.03E+08	1.03E+08	-	0.014327
Dcbld1	MmuINT0046949	chr10	52036958	52039281	+	0.047746
Dcbld1	MmuINT0046951	chr10	52004044	52006153	+	0.045896
Dcbld2	MmuINT0046958	chr16	58409065	58424673	+	0.042585

Dcbld2	MmuINT0046959	chr16	58455390	58456189	+	0.024101
Dcbld2	MmuINT0046960	chr16	58456271	58456395	+	0.036984
Dcbld2	MmuINT0046961	chr16	58456522	58461067	+	0.065406
Dcbld2	MmuINT0046962	chr16	58461162	58463171	+	0.055181
Dcbld2	MmuINT0046963	chr16	58463222	58464302	+	0.095477
Dcbld2	MmuINT0046964	chr16	58464441	58465435	+	0.032021
Dcbld2	MmuINT0046965	chr16	58424902	58433438	+	0.019508
Dcbld2	MmuINT0046966	chr16	58433577	58445453	+	0.058462
Dcbld2	MmuINT0046967	chr16	58445506	58448564	+	0.072173
Dcbld2	MmuINT0046968	chr16	58448638	58448928	+	0.080452
Dcbld2	MmuINT0046969	chr16	58449063	58449911	+	0.045443
Dcbld2	MmuINT0046970	chr16	58449953	58450836	+	0.027593
Dcbld2	MmuINT0046971	chr16	58451053	58451773	+	0.066193
Dcbld2	MmuINT0046972	chr16	58451899	58455238	+	0.04941
Dchs1	MmuINT0047031	chr7	1.13E+08	1.13E+08	-	0.057163
Dci	MmuINT0047045	chr17	24563688	24563797	+	0.016775
Dci	MmuINT0047046	chr17	24563885	24570077	+	0.001221
Dci	MmuINT0047047	chr17	24570206	24573122	+	0.002703
Dci	MmuINT0047048	chr17	24573270	24574164	+	0.007115
Dci	MmuINT0047049	chr17	24574287	24574376	+	0.002854
Dci	MmuINT0047050	chr17	24574556	24575893	+	0.00138
Dck	MmuINT0047052	chr5	89198745	89201654	+	0.060313
Dck	MmuINT0047054	chr5	89203255	89205881	+	0.049829
Dck	MmuINT0047055	chr5	89205998	89207386	+	0.06203
Dck	MmuINT0047056	chr5	89207478	89210244	+	0.067824
Dclre1a	MmuINT0047098	chr19	56620137	56621126	-	0.035528
Dclre1a	MmuINT0047099	chr19	56617257	56618504	-	0.042963
Dclre1a	MmuINT0047100	chr19	56616114	56617122	-	0.047443
Dclre1a	MmuINT0047101	chr19	56614813	56615994	-	0.135516
Dclre1a	MmuINT0047102	chr19	56612933	56614671	-	0.073194
Dclre1a	MmuINT0047103	chr19	56611773	56612786	-	0.047742
Dclre1a	MmuINT0047104	chr19	56605849	56611617	-	0.045026
Dclre1b	MmuINT0047107	chr3	1.04E+08	1.04E+08	-	0.102053
Dclre1b	MmuINT0047108	chr3	1.04E+08	1.04E+08	-	0.065457
Dclre1b	MmuINT0047109	chr3	1.04E+08	1.04E+08	-	0.042005
Dclre1c	MmuINT0047110	chr2	3341599	3342635	+	0.053548
Dclre1c	MmuINT0047113	chr2	3364435	3367550	+	0.220456
Dclre1c	MmuINT0047118	chr2	3354363	3354947	+	0.063145
Dclre1c	MmuINT0047119	chr2	3355021	3355223	+	0.060069
Dclre1c	MmuINT0047120	chr2	3355365	3358029	+	0.078813
Dclre1c	MmuINT0047121	chr2	3358132	3360925	+	0.389208
Dcn	MmuINT0047124	chr10	96945182	96945972	+	0.003419
Dcn	MmuINT0047125	chr10	96946193	96957635	+	0.000623
Dcn	MmuINT0047126	chr10	96957749	96969126	+	0.000848
Dcn	MmuINT0047127	chr10	96969341	96970336	+	0.001666
Dcn	MmuINT0047128	chr10	96970451	96972598	+	0.002495
Dcn	MmuINT0047129	chr10	96972693	96976232	+	0.003644
Dcn	MmuINT0047130	chr10	96976372	96980094	+	0.001219
Dcp1a	MmuINT0047131	chr14	31293003	31295378	+	0.034466
Dcp1a	MmuINT0047132	chr14	31295420	31297644	+	0.038778



Dcp1a	MmuINT0047133	chr14	31297773	31316011	+	0.030845
Dcp1a	MmuINT0047134	chr14	31316079	31318731	+	0.050775
Dcp1a	MmuINT0047135	chr14	31318871	31326169	+	0.040268
Dcp1a	MmuINT0047136	chr14	31326284	31332104	+	0.02784
Dcp1a	MmuINT0047137	chr14	31332864	31334775	+	0.204972
Dcp1a	MmuINT0047139	chr14	31336133	31336411	+	0.022889
Dcp1b	MmuINT0047142	chr6	1.19E+08	1.19E+08	+	0.250137
Dcp1b	MmuINT0047143	chr6	1.19E+08	1.19E+08	+	0.223469
Dcp1b	MmuINT0047144	chr6	1.19E+08	1.19E+08	+	0.067836
Dcp1b	MmuINT0047145	chr6	1.19E+08	1.19E+08	+	0.060095
Dcp1b	MmuINT0047146	chr6	1.19E+08	1.19E+08	+	0.289378
Dcp1b	MmuINT0047147	chr6	1.19E+08	1.19E+08	+	0.136175
Dcp2	MmuINT0047148	chr18	44540341	44555526	+	0.027054
Dcp2	MmuINT0047149	chr18	44575083	44577219	+	0.040514
Dcp2	MmuINT0047150	chr18	44555679	44559277	+	0.054368
Dcp2	MmuINT0047151	chr18	44559406	44559970	+	0.036099
Dcp2	MmuINT0047152	chr18	44560070	44564863	+	0.04381
Dcp2	MmuINT0047153	chr18	44565017	44565110	+	0.048805
Dcp2	MmuINT0047154	chr18	44565224	44565306	+	0.050778
Dcp2	MmuINT0047155	chr18	44565415	44569836	+	0.032941
Dcp2	MmuINT0047156	chr18	44569973	44572169	+	0.039334
Dcp2	MmuINT0047157	chr18	44572281	44575030	+	0.073477
Dcps	MmuINT0047165	chr9	34978837	34983355	-	0.005534
Dcps	MmuINT0047166	chr9	34944075	34978661	-	0.005537
Dcps	MmuINT0047167	chr9	34937160	34943928	-	0.018847
Dcps	MmuINT0047168	chr9	34934003	34937045	-	0.122135
Dcps	MmuINT0047169	chr9	34932430	34933891	-	0.101812
Dct	MmuINT0047188	chr14	1.18E+08	1.18E+08	-	0.304858
Dctd	MmuINT0047194	chr8	49197145	49197321	+	0.039497
Dctn1	MmuINT0047199	chr6	83140100	83140196	+	0.003013
Dctn1	MmuINT0047200	chr6	83140276	83140414	+	0.00185
Dctn1	MmuINT0047201	chr6	83140575	83140686	+	0.005228
Dctn1	MmuINT0047202	chr6	83140792	83140962	+	0.00171
Dctn1	MmuINT0047203	chr6	83141155	83141238	+	0.002866
Dctn1	MmuINT0047204	chr6	83141356	83141559	+	0.002296
Dctn1	MmuINT0047205	chr6	83141713	83142453	+	0.001635
Dctn1	MmuINT0047206	chr6	83142615	83142727	+	0.002557
Dctn1	MmuINT0047207	chr6	83142897	83143700	+	0.008128
Dctn1	MmuINT0047208	chr6	83143770	83143952	+	0.007591
Dctn1	MmuINT0047209	chr6	83132764	83133052	+	0.002688
Dctn1	MmuINT0047210	chr6	83144016	83144113	+	0.00349
Dctn1	MmuINT0047211	chr6	83144264	83144423	+	0.01208
Dctn1	MmuINT0047212	chr6	83144586	83144667	+	0.003423
Dctn1	MmuINT0047213	chr6	83144800	83144981	+	0.002975
Dctn1	MmuINT0047214	chr6	83145108	83145541	+	0.035922
Dctn1	MmuINT0047215	chr6	83145685	83145934	+	0.002103
Dctn1	MmuINT0047216	chr6	83146102	83147312	+	0.734285
Dctn1	MmuINT0047217	chr6	83147328	83147484	+	0.618031
Dctn1	MmuINT0047218	chr6	83147619	83147749	+	0.002886
Dctn1	MmuINT0047219	chr6	83147943	83148575	+	0.004116

Dctn1	MmuINT0047220	chr6	83133132	83133292	+	0.004127
Dctn1	MmuINT0047221	chr6	83148656	83149181	+	0.008632
Dctn1	MmuINT0047222	chr6	83149272	83149667	+	0.008796
Dctn1	MmuINT0047226	chr6	83137779	83139070	+	0.016759
Dctn1	MmuINT0047227	chr6	83139263	83139541	+	0.001696
Dctn1	MmuINT0047228	chr6	83139740	83139894	+	0.002025
Dctn2	MmuINT0047229	chr10	1.27E+08	1.27E+08	+	0.012253
Dctn2	MmuINT0047230	chr10	1.27E+08	1.27E+08	+	0.017741
Dctn2	MmuINT0047231	chr10	1.27E+08	1.27E+08	+	0.030654
Dctn2	MmuINT0047232	chr10	1.27E+08	1.27E+08	+	0.001259
Dctn2	MmuINT0047233	chr10	1.27E+08	1.27E+08	+	0.005865
Dctn2	MmuINT0047236	chr10	1.27E+08	1.27E+08	+	0.002284
Dctn2	MmuINT0047237	chr10	1.27E+08	1.27E+08	+	0.038854
Dctn2	MmuINT0047238	chr10	1.27E+08	1.27E+08	+	0.007415
Dctn2	MmuINT0047239	chr10	1.27E+08	1.27E+08	+	0.01075
Dctn2	MmuINT0047240	chr10	1.27E+08	1.27E+08	+	0.01337
Dctn2	MmuINT0047241	chr10	1.27E+08	1.27E+08	+	0.019123
Dctn3	MmuINT0047243	chr4	41667900	41670066	-	0.00561
Dctn3	MmuINT0047244	chr4	41666956	41667814	-	0.010726
Dctn3	MmuINT0047245	chr4	41664473	41666868	-	0.017336
Dctn3	MmuINT0047246	chr4	41663487	41664388	-	0.009424
Dctn3	MmuINT0047248	chr4	41662292	41662427	-	0.026883
Dctn4	MmuINT0047249	chr18	60686020	60694246	+	0.010929
Dctn4	MmuINT0047250	chr18	60711597	60712498	+	0.010085
Dctn4	MmuINT0047251	chr18	60712607	60714760	+	0.023301
Dctn4	MmuINT0047252	chr18	60714859	60715881	+	0.014188
Dctn4	MmuINT0047253	chr18	60694318	60697917	+	0.007421
Dctn4	MmuINT0047254	chr18	60698097	60701225	+	0.006298
Dctn4	MmuINT0047255	chr18	60701270	60703692	+	0.01592
Dctn4	MmuINT0047256	chr18	60703801	60705401	+	0.066404
Dctn4	MmuINT0047257	chr18	60705476	60705874	+	0.018242
Dctn4	MmuINT0047258	chr18	60705988	60706420	+	0.006041
Dctn4	MmuINT0047259	chr18	60706531	60709839	+	0.011239
Dctn4	MmuINT0047260	chr18	60709914	60711541	+	0.008397
Dctn5	MmuINT0047261	chr7	1.29E+08	1.29E+08	+	0.140068
Dctn5	MmuINT0047262	chr7	1.29E+08	1.29E+08	+	0.002218
Dctn5	MmuINT0047263	chr7	1.29E+08	1.29E+08	+	0.004691
Dctn5	MmuINT0047264	chr7	1.29E+08	1.29E+08	+	0.011779
Dctn5	MmuINT0047265	chr7	1.29E+08	1.29E+08	+	0.029072
Dctn6	MmuINT0047266	chr8	35169461	35171472	-	0.005363
Dctn6	MmuINT0047267	chr8	35160349	35169395	-	0.054465
Dctn6	MmuINT0047268	chr8	35158027	35160242	-	0.005317
Dctn6	MmuINT0047269	chr8	35156731	35157937	-	0.024289
Dctn6	MmuINT0047270	chr8	35155708	35156682	-	0.077158
Dctn6	MmuINT0047271	chr8	35153897	35155564	-	0.003643
Dctpp1	MmuINT0047272	chr7	1.34E+08	1.34E+08	-	0.003477
Dctpp1	MmuINT0047273	chr7	1.34E+08	1.34E+08	-	0.006584
Dcun1d2	MmuINT0047284	chr8	13281126	13287803	-	0.025168
Dcun1d2	MmuINT0047285	chr8	13278686	13280908	-	0.007775
Dcun1d2	MmuINT0047286	chr8	13271721	13278516	-	0.004027

Dcun1d2	MmuINT0047287	chr8	13261468	13271589	-	0.004022
Dcun1d3	MmuINT0047291	chr7	1.27E+08	1.27E+08	-	0.032832
Dcun1d4	MmuINT0047295	chr5	73946703	73948492	+	0.0238
Dcun1d4	MmuINT0047296	chr5	73948596	73948870	+	0.03054
Dcun1d4	MmuINT0047298	chr5	73902196	73902365	+	0.030043
Dcun1d4	MmuINT0047299	chr5	73902406	73911354	+	0.032436
Dcun1d4	MmuINT0047300	chr5	73911470	73913891	+	0.035547
Dcun1d4	MmuINT0047301	chr5	73913984	73922742	+	0.047186
Dcun1d4	MmuINT0047302	chr5	73922814	73925844	+	0.030099
Dcun1d4	MmuINT0047303	chr5	73925937	73935285	+	0.020805
Dcun1d4	MmuINT0047304	chr5	73935395	73946597	+	0.057554
Dcun1d5	MmuINT0047305	chr9	7184883	7186767	+	0.019812
Dcun1d5	MmuINT0047306	chr9	7186860	7188745	+	0.003139
Dcun1d5	MmuINT0047307	chr9	7188817	7189161	+	0.002599
Dcun1d5	MmuINT0047308	chr9	7189254	7203262	+	0.003509
Dcun1d5	MmuINT0047309	chr9	7203372	7203450	+	0.002772
Dcun1d5	MmuINT0047310	chr9	7203556	7205297	+	0.017905
Dcun1d5	MmuINT0047311	chr9	7205401	7206719	+	0.083183
Dcxr	MmuINT0047316	chr11	1.21E+08	1.21E+08	-	0.010744
Dcxr	MmuINT0047317	chr11	1.21E+08	1.21E+08	-	0.016534
Dcxr	MmuINT0047318	chr11	1.21E+08	1.21E+08	-	0.014617
Dcxr	MmuINT0047319	chr11	1.21E+08	1.21E+08	-	0.055725
Dcxr	MmuINT0047320	chr11	1.21E+08	1.21E+08	-	0.029246
Dcxr	MmuINT0047321	chr11	1.21E+08	1.21E+08	-	0.598737
Dcxr	MmuINT0047322	chr11	1.21E+08	1.21E+08	-	0.033919
Dda1	MmuINT0047323	chr8	73993225	73995935	+	0.022123
Dda1	MmuINT0047324	chr8	73996017	73996093	+	0.077806
Dda1	MmuINT0047325	chr8	73996146	73997673	+	0.068312
Dda1	MmuINT0047326	chr8	73997736	73998386	+	0.077787
Ddah1	MmuINT0047327	chr3	1.45E+08	1.46E+08	+	0.041656
Ddah1	MmuINT0047328	chr3	1.46E+08	1.46E+08	+	0.037511
Ddah1	MmuINT0047329	chr3	1.46E+08	1.46E+08	+	0.03755
Ddah1	MmuINT0047330	chr3	1.46E+08	1.46E+08	+	0.021031
Ddah1	MmuINT0047331	chr3	1.46E+08	1.46E+08	+	0.023153
Ddah2	MmuINT0047332	chr17	35196218	35197047	+	0.059008
Ddah2	MmuINT0047333	chr17	35197407	35197547	+	0.031756
Ddah2	MmuINT0047334	chr17	35197648	35197777	+	0.076626
Ddah2	MmuINT0047335	chr17	35197852	35197949	+	0.049939
Ddah2	MmuINT0047336	chr17	35198571	35198735	+	0.021464
Ddb1	MmuINT0047337	chr19	10680257	10681334	+	0.010129
Ddb1	MmuINT0047338	chr19	10690081	10693538	+	0.003196
Ddb1	MmuINT0047339	chr19	10693615	10693709	+	0.001521
Ddb1	MmuINT0047340	chr19	10693819	10696030	+	0.002001
Ddb1	MmuINT0047341	chr19	10696210	10696310	+	0.001321
Ddb1	MmuINT0047342	chr19	10696475	10696551	+	0.001693
Ddb1	MmuINT0047343	chr19	10696660	10696779	+	0.003263
Ddb1	MmuINT0047344	chr19	10696988	10697828	+	0.001453
Ddb1	MmuINT0047345	chr19	10697925	10698016	+	0.002449
Ddb1	MmuINT0047346	chr19	10698129	10699213	+	0.010735
Ddb1	MmuINT0047347	chr19	10699338	10699656	+	0.013829

Ddb1	MmuINT0047348	chr19	10681484	10682282	+	0.001898
Ddb1	MmuINT0047349	chr19	10699822	10700385	+	0.001889
Ddb1	MmuINT0047350	chr19	10700481	10701081	+	0.013414
Ddb1	MmuINT0047351	chr19	10701253	10701615	+	0.005229
Ddb1	MmuINT0047352	chr19	10701726	10701978	+	0.014661
Ddb1	MmuINT0047353	chr19	10702149	10702251	+	0.006307
Ddb1	MmuINT0047354	chr19	10702355	10702914	+	0.002765
Ddb1	MmuINT0047355	chr19	10703039	10703568	+	0.004202
Ddb1	MmuINT0047356	chr19	10682400	10682740	+	0.004633
Ddb1	MmuINT0047357	chr19	10682963	10685191	+	0.011669
Ddb1	MmuINT0047358	chr19	10685307	10686133	+	0.003194
Ddb1	MmuINT0047359	chr19	10686232	10687362	+	0.002242
Ddb1	MmuINT0047360	chr19	10687522	10688597	+	0.002369
Ddb1	MmuINT0047361	chr19	10688682	10689341	+	0.001692
Ddb1	MmuINT0047362	chr19	10689459	10689977	+	0.004404
Ddb2	MmuINT0047363	chr2	91075109	91076846	-	0.103122
Ddb2	MmuINT0047364	chr2	91074457	91074971	-	0.71159
Ddb2	MmuINT0047367	chr2	91057388	91057463	-	0.038468
Ddb2	MmuINT0047369	chr2	91052483	91052606	-	0.658807
Ddb2	MmuINT0047370	chr2	91052170	91052436	-	0.664437
Ddc	MmuINT0047372	chr11	11724872	11729104	-	0.062352
Ddc	MmuINT0047373	chr11	11722297	11724851	-	0.024939
Ddc	MmuINT0047374	chr11	11719396	11722197	-	0.039444
Ddc	MmuINT0047375	chr11	11715432	11719293	-	0.026708
Ddc	MmuINT0047376	chr11	11714521	11715213	-	0.021611
Ddc	MmuINT0047377	chr11	11776362	11780444	-	0.020508
Ddc	MmuINT0047378	chr11	11773257	11776247	-	0.011518
Ddc	MmuINT0047379	chr11	11765032	11773136	-	0.024945
Ddc	MmuINT0047380	chr11	11763798	11764896	-	0.015796
Ddc	MmuINT0047382	chr11	11739496	11746638	-	0.041389
Ddc	MmuINT0047383	chr11	11735813	11739400	-	0.034328
Ddc	MmuINT0047384	chr11	11729182	11735744	-	0.027351
Ddhd1	MmuINT0047391	chr14	46249429	46276896	-	0.024419
Ddhd1	MmuINT0047392	chr14	46221432	46222313	-	0.026579
Ddhd1	MmuINT0047395	chr14	46240516	46249254	-	0.240574
Ddhd1	MmuINT0047396	chr14	46239092	46240386	-	0.028122
Ddhd1	MmuINT0047397	chr14	46236312	46238943	-	0.025454
Ddhd1	MmuINT0047398	chr14	46233945	46236204	-	0.026566
Ddhd1	MmuINT0047399	chr14	46230430	46233837	-	0.066634
Ddhd1	MmuINT0047400	chr14	46228689	46230166	-	0.125135
Ddhd1	MmuINT0047401	chr14	46224878	46228612	-	0.028676
Ddhd1	MmuINT0047402	chr14	46222567	46224727	-	0.019772
Ddhd2	MmuINT0047404	chr8	26848780	26849934	-	0.060537
Ddhd2	MmuINT0047405	chr8	26846563	26848683	-	0.028113
Ddhd2	MmuINT0047406	chr8	26846373	26846478	-	0.018642
Ddhd2	MmuINT0047407	chr8	26845584	26846216	-	0.082439
Ddhd2	MmuINT0047408	chr8	26845359	26845480	-	0.065024
Ddhd2	MmuINT0047409	chr8	26843595	26845187	-	0.080123
Ddhd2	MmuINT0047410	chr8	26838210	26843434	-	0.016755
Ddhd2	MmuINT0047411	chr8	26837836	26838101	-	0.2222

Ddhd2	MmuINT0047412	chr8	26862763	26863419	-	0.01495
Ddhd2	MmuINT0047414	chr8	26860320	26861174	-	0.020096
Ddhd2	MmuINT0047416	chr8	26857426	26859009	-	0.025773
Ddhd2	MmuINT0047417	chr8	26852282	26857289	-	0.029789
Ddhd2	MmuINT0047418	chr8	26851827	26852072	-	0.158785
Ddhd2	MmuINT0047419	chr8	26850058	26851758	-	0.052907
Ddi2	MmuINT0047420	chr4	1.41E+08	1.41E+08	-	0.020103
Ddi2	MmuINT0047421	chr4	1.41E+08	1.41E+08	-	0.01366
Ddi2	MmuINT0047422	chr4	1.41E+08	1.41E+08	-	0.012929
Ddi2	MmuINT0047423	chr4	1.41E+08	1.41E+08	-	0.018948
Ddi2	MmuINT0047424	chr4	1.41E+08	1.41E+08	-	0.062658
Ddi2	MmuINT0047425	chr4	1.41E+08	1.41E+08	-	0.030398
Ddi2	MmuINT0047426	chr4	1.41E+08	1.41E+08	-	0.021344
Ddi2	MmuINT0047427	chr4	1.41E+08	1.41E+08	-	0.138701
Ddi2	MmuINT0047428	chr4	1.41E+08	1.41E+08	-	0.137268
Ddit3	MmuINT0047429	chr10	1.27E+08	1.27E+08	+	0.229776
Ddit3	MmuINT0047430	chr10	1.27E+08	1.27E+08	+	0.217589
Ddit3	MmuINT0047431	chr10	1.27E+08	1.27E+08	+	0.080593
Ddit4	MmuINT0047432	chr10	59414321	59414444	-	0.013585
Ddit4	MmuINT0047433	chr10	59413778	59414064	-	0.029331
Ddo	MmuINT0047437	chr10	40349898	40351411	+	0.004477
Ddo	MmuINT0047438	chr10	40351587	40352743	+	0.008163
Ddo	MmuINT0047439	chr10	40352853	40357150	+	0.005376
Ddo	MmuINT0047440	chr10	40357328	40367279	+	0.010618
Ddost	MmuINT0047441	chr4	1.38E+08	1.38E+08	+	0.004169
Ddost	MmuINT0047442	chr4	1.38E+08	1.38E+08	+	0.017487
Ddost	MmuINT0047443	chr4	1.38E+08	1.38E+08	+	0.008238
Ddost	MmuINT0047444	chr4	1.38E+08	1.38E+08	+	0.01074
Ddost	MmuINT0047445	chr4	1.38E+08	1.38E+08	+	0.032875
Ddost	MmuINT0047446	chr4	1.38E+08	1.38E+08	+	0.026473
Ddost	MmuINT0047447	chr4	1.38E+08	1.38E+08	+	0.018992
Ddost	MmuINT0047448	chr4	1.38E+08	1.38E+08	+	0.020165
Ddost	MmuINT0047449	chr4	1.38E+08	1.38E+08	+	0.039471
Ddost	MmuINT0047450	chr4	1.38E+08	1.38E+08	+	0.031588
Ddr1	MmuINT0047452	chr17	35824256	35825483	-	0.026045
Ddr1	MmuINT0047453	chr17	35823537	35824089	-	0.147411
Ddr1	MmuINT0047455	chr17	35822068	35822250	-	0.010508
Ddr1	MmuINT0047456	chr17	35821259	35821939	-	0.017302
Ddr1	MmuINT0047457	chr17	35820617	35821039	-	0.008123
Ddr1	MmuINT0047458	chr17	35819719	35820381	-	0.012891
Ddr1	MmuINT0047459	chr17	35819464	35819568	-	0.011106
Ddr1	MmuINT0047460	chr17	35830640	35830732	-	0.014393
Ddr1	MmuINT0047461	chr17	35830030	35830536	-	0.012251
Ddr1	MmuINT0047462	chr17	35828540	35829800	-	0.010599
Ddr1	MmuINT0047463	chr17	35828176	35828391	-	0.019724
Ddr1	MmuINT0047464	chr17	35827126	35828072	-	0.015486
Ddr1	MmuINT0047465	chr17	35826859	35826938	-	0.008148
Ddr1	MmuINT0047466	chr17	35825815	35826611	-	0.012288
Ddr1	MmuINT0047467	chr17	35825636	35825730	-	0.016751
Ddr2	MmuINT0047470	chr1	1.72E+08	1.72E+08	-	0.069055

Ddr2	MmuINT0047471	chr1	1.72E+08	1.72E+08	-	0.026501
Ddr2	MmuINT0047472	chr1	1.72E+08	1.72E+08	-	0.032491
Ddr2	MmuINT0047473	chr1	1.72E+08	1.72E+08	-	0.131785
Ddr2	MmuINT0047474	chr1	1.72E+08	1.72E+08	-	0.029355
Ddr2	MmuINT0047475	chr1	1.72E+08	1.72E+08	-	0.024714
Ddr2	MmuINT0047476	chr1	1.72E+08	1.72E+08	-	0.033854
Ddr2	MmuINT0047480	chr1	1.72E+08	1.72E+08	-	0.049156
Ddr2	MmuINT0047482	chr1	1.72E+08	1.72E+08	-	0.037979
Ddrgk1	MmuINT0047485	chr2	1.3E+08	1.3E+08	-	0.045483
Ddrgk1	MmuINT0047486	chr2	1.3E+08	1.3E+08	-	0.032892
Ddrgk1	MmuINT0047487	chr2	1.3E+08	1.3E+08	-	0.003117
Ddrgk1	MmuINT0047488	chr2	1.3E+08	1.3E+08	-	0.003473
Ddrgk1	MmuINT0047489	chr2	1.3E+08	1.3E+08	-	0.003551
Ddrgk1	MmuINT0047490	chr2	1.3E+08	1.3E+08	-	0.029472
Ddrgk1	MmuINT0047491	chr2	1.3E+08	1.3E+08	-	0.007089
Ddrgk1	MmuINT0047492	chr2	1.3E+08	1.3E+08	-	0.002517
Ddt	MmuINT0047493	chr10	75235659	75235960	-	0.00789
Ddt	MmuINT0047494	chr10	75234252	75235482	-	0.004424
Ddx1	MmuINT0047495	chr12	13252884	13255909	-	0.009425
Ddx1	MmuINT0047496	chr12	13244612	13245911	-	0.006525
Ddx1	MmuINT0047497	chr12	13244134	13244534	-	0.00392
Ddx1	MmuINT0047498	chr12	13242939	13244018	-	0.002847
Ddx1	MmuINT0047499	chr12	13240907	13242799	-	0.004807
Ddx1	MmuINT0047500	chr12	13238350	13240845	-	0.004636
Ddx1	MmuINT0047501	chr12	13237188	13238250	-	0.002411
Ddx1	MmuINT0047502	chr12	13236237	13237097	-	0.0028
Ddx1	MmuINT0047503	chr12	13235951	13236047	-	0.003463
Ddx1	MmuINT0047504	chr12	13234258	13235898	-	0.002945
Ddx1	MmuINT0047505	chr12	13232297	13234110	-	0.002465
Ddx1	MmuINT0047506	chr12	13252556	13252831	-	0.00771
Ddx1	MmuINT0047507	chr12	13230821	13232204	-	0.008345
Ddx1	MmuINT0047508	chr12	13230672	13230747	-	0.009721
Ddx1	MmuINT0047509	chr12	13230525	13230598	-	0.015256
Ddx1	MmuINT0047510	chr12	13227640	13230481	-	0.024027
Ddx1	MmuINT0047511	chr12	13227274	13227543	-	0.003876
Ddx1	MmuINT0047512	chr12	13226435	13227152	-	0.003292
Ddx1	MmuINT0047513	chr12	13251804	13252491	-	0.017054
Ddx1	MmuINT0047514	chr12	13250763	13251773	-	0.003122
Ddx1	MmuINT0047515	chr12	13249154	13250665	-	0.005043
Ddx1	MmuINT0047516	chr12	13247741	13249105	-	0.004362
Ddx1	MmuINT0047517	chr12	13247449	13247656	-	0.003625
Ddx1	MmuINT0047518	chr12	13246374	13247364	-	0.003755
Ddx1	MmuINT0047519	chr12	13245985	13246296	-	0.005086
Ddx10	MmuINT0047520	chr9	53048643	53055922	-	0.041579
Ddx10	MmuINT0047522	chr9	53015660	53017793	-	0.041353
Ddx10	MmuINT0047523	chr9	53012636	53015570	-	0.025914
Ddx10	MmuINT0047524	chr9	52968123	53012163	-	0.017664
Ddx10	MmuINT0047525	chr9	52965438	52968002	-	0.00402
Ddx10	MmuINT0047526	chr9	52957665	52965275	-	0.013554
Ddx10	MmuINT0047527	chr9	52925395	52957607	-	0.018045

Ddx10	MmuINT0047528	chr9	52907368	52925257	-	0.009736
Ddx10	MmuINT0047529	chr9	53046284	53048581	-	0.036231
Ddx10	MmuINT0047531	chr9	53043489	53044504	-	0.022936
Ddx10	MmuINT0047532	chr9	53042123	53043367	-	0.015825
Ddx10	MmuINT0047533	chr9	53037357	53041932	-	0.019699
Ddx10	MmuINT0047534	chr9	53033741	53037229	-	0.024486
Ddx10	MmuINT0047535	chr9	53031850	53033577	-	0.025858
Ddx10	MmuINT0047536	chr9	53021443	53031764	-	0.024932
Ddx11	MmuINT0047555	chr17	66500069	66500142	+	0.064116
Ddx17	MmuINT0047563	chr15	79374287	79376624	-	0.004287
Ddx17	MmuINT0047564	chr15	79373017	79374135	-	0.004006
Ddx17	MmuINT0047565	chr15	79371598	79372916	-	0.004219
Ddx17	MmuINT0047566	chr15	79370909	79371463	-	0.002629
Ddx17	MmuINT0047567	chr15	79369891	79370842	-	0.003764
Ddx17	MmuINT0047568	chr15	79369409	79369748	-	0.00768
Ddx17	MmuINT0047569	chr15	79369162	79369247	-	0.008864
Ddx17	MmuINT0047570	chr15	79367976	79368988	-	0.013772
Ddx17	MmuINT0047571	chr15	79367489	79367864	-	0.004773
Ddx19a	MmuINT0047585	chr8	1.14E+08	1.14E+08	-	0.009873
Ddx19a	MmuINT0047588	chr8	1.14E+08	1.14E+08	-	0.023105
Ddx19a	MmuINT0047589	chr8	1.14E+08	1.14E+08	-	0.014194
Ddx19a	MmuINT0047590	chr8	1.14E+08	1.14E+08	-	0.007307
Ddx19a	MmuINT0047592	chr8	1.14E+08	1.14E+08	-	0.009658
Ddx19a	MmuINT0047593	chr8	1.14E+08	1.14E+08	-	0.024071
Ddx19b	MmuINT0047597	chr8	1.14E+08	1.14E+08	-	0.022609
Ddx19b	MmuINT0047599	chr8	1.14E+08	1.14E+08	-	0.036001
Ddx19b	MmuINT0047600	chr8	1.14E+08	1.14E+08	-	0.02543
Ddx19b	MmuINT0047601	chr8	1.14E+08	1.14E+08	-	0.015555
Ddx19b	MmuINT0047602	chr8	1.14E+08	1.14E+08	-	0.028911
Ddx19b	MmuINT0047603	chr8	1.14E+08	1.14E+08	-	0.050963
Ddx19b	MmuINT0047604	chr8	1.14E+08	1.14E+08	-	0.018557
Ddx20	MmuINT0047607	chr3	1.05E+08	1.05E+08	-	0.032269
Ddx20	MmuINT0047608	chr3	1.05E+08	1.05E+08	-	0.016814
Ddx20	MmuINT0047609	chr3	1.05E+08	1.05E+08	-	0.10998
Ddx20	MmuINT0047610	chr3	1.05E+08	1.05E+08	-	0.05029
Ddx20	MmuINT0047611	chr3	1.05E+08	1.05E+08	-	0.026791
Ddx20	MmuINT0047612	chr3	1.05E+08	1.05E+08	-	0.03675
Ddx20	MmuINT0047613	chr3	1.05E+08	1.05E+08	-	0.067333
Ddx20	MmuINT0047614	chr3	1.05E+08	1.05E+08	-	0.163418
Ddx20	MmuINT0047615	chr3	1.05E+08	1.05E+08	-	0.119989
Ddx20	MmuINT0047616	chr3	1.05E+08	1.05E+08	-	0.038236
Ddx21	MmuINT0047617	chr10	62061640	62064875	-	0.004122
Ddx21	MmuINT0047618	chr10	62050286	62050751	-	0.010862
Ddx21	MmuINT0047619	chr10	62048433	62050211	-	0.013984
Ddx21	MmuINT0047620	chr10	62047514	62048272	-	0.010358
Ddx21	MmuINT0047621	chr10	62045847	62047378	-	0.010439
Ddx21	MmuINT0047622	chr10	62045356	62045801	-	0.0046
Ddx21	MmuINT0047623	chr10	62057860	62060979	-	0.007937
Ddx21	MmuINT0047624	chr10	62056889	62057783	-	0.004858
Ddx21	MmuINT0047625	chr10	62055876	62056709	-	0.009239

Ddx21	MmuINT0047626	chr10	62054751	62055757	-	0.009423
Ddx21	MmuINT0047628	chr10	62052676	62053368	-	0.014732
Ddx21	MmuINT0047629	chr10	62051567	62052525	-	0.006555
Ddx21	MmuINT0047630	chr10	62050872	62051404	-	0.010695
Ddx23	MmuINT0047631	chr15	98488867	98493253	-	0.017307
Ddx23	MmuINT0047632	chr15	98480721	98481023	-	0.034509
Ddx23	MmuINT0047633	chr15	98480324	98480574	-	0.004421
Ddx23	MmuINT0047634	chr15	98479161	98480145	-	0.003697
Ddx23	MmuINT0047635	chr15	98478057	98478917	-	0.056137
Ddx23	MmuINT0047636	chr15	98477703	98477904	-	0.030613
Ddx23	MmuINT0047637	chr15	98476950	98477593	-	0.030291
Ddx23	MmuINT0047638	chr15	98476449	98476774	-	0.014461
Ddx23	MmuINT0047639	chr15	98487144	98488660	-	0.010366
Ddx23	MmuINT0047640	chr15	98483413	98487032	-	0.005503
Ddx23	MmuINT0047641	chr15	98482970	98483318	-	0.029663
Ddx23	MmuINT0047642	chr15	98482488	98482903	-	0.061118
Ddx23	MmuINT0047644	chr15	98481788	98481895	-	0.004648
Ddx23	MmuINT0047645	chr15	98481488	98481674	-	0.015638
Ddx23	MmuINT0047646	chr15	98481250	98481343	-	0.003808
Ddx24	MmuINT0047648	chr12	1.05E+08	1.05E+08	-	0.010847
Ddx24	MmuINT0047649	chr12	1.05E+08	1.05E+08	-	0.003001
Ddx24	MmuINT0047650	chr12	1.05E+08	1.05E+08	-	0.004698
Ddx24	MmuINT0047651	chr12	1.05E+08	1.05E+08	-	0.003438
Ddx24	MmuINT0047652	chr12	1.05E+08	1.05E+08	-	0.006807
Ddx24	MmuINT0047653	chr12	1.05E+08	1.05E+08	-	0.037074
Ddx24	MmuINT0047654	chr12	1.05E+08	1.05E+08	-	0.010621
Ddx24	MmuINT0047655	chr12	1.05E+08	1.05E+08	-	0.014455
Ddx26b	MmuINT0047667	chrX	53708494	53708625	+	0.417084
Ddx26b	MmuINT0047668	chrX	53746311	53749692	+	0.698639
Ddx26b	MmuINT0047669	chrX	53749912	53751037	+	0.013541
Ddx26b	MmuINT0047670	chrX	53751162	53752744	+	0.020974
Ddx26b	MmuINT0047671	chrX	53752888	53754837	+	0.016309
Ddx26b	MmuINT0047672	chrX	53755073	53757901	+	0.03968
Ddx26b	MmuINT0047673	chrX	53758277	53759549	+	0.165198
Ddx26b	MmuINT0047674	chrX	53759644	53760056	+	0.034773
Ddx26b	MmuINT0047677	chrX	53733838	53734066	+	0.02516
Ddx26b	MmuINT0047678	chrX	53734251	53734502	+	0.042241
Ddx26b	MmuINT0047680	chrX	53737120	53738415	+	0.019004
Ddx26b	MmuINT0047681	chrX	53738569	53742182	+	0.034597
Ddx26b	MmuINT0047682	chrX	53742316	53746215	+	0.030036
Ddx27	MmuINT0047683	chr2	1.67E+08	1.67E+08	+	0.015787
Ddx27	MmuINT0047684	chr2	1.67E+08	1.67E+08	+	0.016416
Ddx27	MmuINT0047685	chr2	1.67E+08	1.67E+08	+	0.073043
Ddx27	MmuINT0047686	chr2	1.67E+08	1.67E+08	+	0.095656
Ddx27	MmuINT0047687	chr2	1.67E+08	1.67E+08	+	0.064051
Ddx27	MmuINT0047688	chr2	1.67E+08	1.67E+08	+	0.049744
Ddx27	MmuINT0047689	chr2	1.67E+08	1.67E+08	+	0.018894
Ddx27	MmuINT0047690	chr2	1.67E+08	1.67E+08	+	0.051763
Ddx27	MmuINT0047691	chr2	1.67E+08	1.67E+08	+	0.024301
Ddx27	MmuINT0047692	chr2	1.67E+08	1.67E+08	+	0.028279



Ddx27	MmuINT0047693	chr2	1.67E+08	1.67E+08	+	0.024999
Ddx27	MmuINT0047694	chr2	1.67E+08	1.67E+08	+	0.016758
Ddx27	MmuINT0047695	chr2	1.67E+08	1.67E+08	+	0.087068
Ddx27	MmuINT0047696	chr2	1.67E+08	1.67E+08	+	0.018115
Ddx27	MmuINT0047697	chr2	1.67E+08	1.67E+08	+	0.028988
Ddx27	MmuINT0047698	chr2	1.67E+08	1.67E+08	+	0.028054
Ddx27	MmuINT0047699	chr2	1.67E+08	1.67E+08	+	0.018317
Ddx27	MmuINT0047700	chr2	1.67E+08	1.67E+08	+	0.023873
Ddx27	MmuINT0047701	chr2	1.67E+08	1.67E+08	+	0.052029
Ddx27	MmuINT0047702	chr2	1.67E+08	1.67E+08	+	0.02931
Ddx31	MmuINT0047703	chr2	28696381	28700357	+	0.065352
Ddx31	MmuINT0047704	chr2	28714376	28714507	+	0.036876
Ddx31	MmuINT0047706	chr2	28715598	28716235	+	0.002195
Ddx31	MmuINT0047709	chr2	28729702	28731209	+	0.041358
Ddx31	MmuINT0047710	chr2	28731350	28736662	+	0.064144
Ddx31	MmuINT0047711	chr2	28736745	28742410	+	0.058939
Ddx31	MmuINT0047712	chr2	28742523	28747898	+	0.04281
Ddx31	MmuINT0047713	chr2	28748062	28760108	+	0.069738
Ddx39	MmuINT0047722	chr8	86239237	86243285	+	0.032255
Ddx39	MmuINT0047723	chr8	86246934	86247023	+	0.044432
Ddx39	MmuINT0047724	chr8	86243498	86243710	+	0.025492
Ddx39	MmuINT0047725	chr8	86243839	86244447	+	0.038523
Ddx39	MmuINT0047726	chr8	86244541	86244855	+	0.0833
Ddx39	MmuINT0047727	chr8	86245040	86245632	+	0.069821
Ddx39	MmuINT0047728	chr8	86245752	86246128	+	0.150758
Ddx39	MmuINT0047729	chr8	86246261	86246347	+	0.02989
Ddx39	MmuINT0047730	chr8	86246458	86246547	+	0.034369
Ddx39	MmuINT0047731	chr8	86246693	86246785	+	0.018472
Ddx3x	MmuINT0047732	chrX	12858284	12861303	+	0.005578
Ddx3x	MmuINT0047733	chrX	12866067	12866520	+	0.005447
Ddx3x	MmuINT0047734	chrX	12866666	12866962	+	0.010002
Ddx3x	MmuINT0047736	chrX	12867487	12867571	+	0.004381
Ddx3x	MmuINT0047737	chrX	12867690	12868026	+	0.003039
Ddx3x	MmuINT0047738	chrX	12868181	12868288	+	0.004712
Ddx3x	MmuINT0047739	chrX	12868429	12868538	+	0.006019
Ddx3x	MmuINT0047740	chrX	12861362	12862040	+	0.009464
Ddx3x	MmuINT0047741	chrX	12862089	12863159	+	0.004223
Ddx3x	MmuINT0047742	chrX	12863293	12864350	+	0.010132
Ddx3x	MmuINT0047743	chrX	12864510	12864589	+	0.002469
Ddx3x	MmuINT0047744	chrX	12864690	12864910	+	0.010433
Ddx3x	MmuINT0047745	chrX	12865047	12865404	+	0.007566
Ddx3x	MmuINT0047746	chrX	12865491	12865698	+	0.009612
Ddx3x	MmuINT0047747	chrX	12865798	12865905	+	0.001751
Ddx3y	MmuINT0047748	chrY	620826	622921	-	0.011379
Ddx3y	MmuINT0047749	chrY	602417	602801	-	0.011435
Ddx3y	MmuINT0047750	chrY	602163	602271	-	0.009671
Ddx3y	MmuINT0047751	chrY	601653	602017	-	0.02647
Ddx3y	MmuINT0047752	chrY	601402	601470	-	0.100306
Ddx3y	MmuINT0047753	chrY	600393	601283	-	0.023395
Ddx3y	MmuINT0047754	chrY	600144	600238	-	0.00597

Ddx3y	MmuINT0047755	chrY	599811	600012	-	0.010278
Ddx3y	MmuINT0047756	chrY	619392	620764	-	0.012644
Ddx3y	MmuINT0047757	chrY	616883	619343	-	0.019243
Ddx3y	MmuINT0047758	chrY	616022	616752	-	0.004168
Ddx3y	MmuINT0047759	chrY	615440	615865	-	0.006222
Ddx3y	MmuINT0047760	chrY	606284	615339	-	0.006443
Ddx3y	MmuINT0047761	chrY	603632	606147	-	0.01225
Ddx3y	MmuINT0047762	chrY	603137	603545	-	0.012081
Ddx3y	MmuINT0047763	chrY	602963	603037	-	0.010883
Ddx41	MmuINT0047786	chr13	55637768	55637841	-	0.04111
Ddx41	MmuINT0047787	chr13	55633841	55634359	-	0.030196
Ddx41	MmuINT0047788	chr13	55633471	55633708	-	0.030628
Ddx41	MmuINT0047789	chr13	55633290	55633398	-	0.029186
Ddx41	MmuINT0047790	chr13	55633046	55633192	-	0.038941
Ddx41	MmuINT0047791	chr13	55632811	55632895	-	0.019718
Ddx41	MmuINT0047792	chr13	55632653	55632738	-	0.018032
Ddx41	MmuINT0047794	chr13	55637407	55637656	-	0.097951
Ddx41	MmuINT0047795	chr13	55637166	55637246	-	0.043156
Ddx41	MmuINT0047796	chr13	55636981	55637090	-	0.046725
Ddx41	MmuINT0047797	chr13	55636787	55636919	-	0.094452
Ddx41	MmuINT0047798	chr13	55635850	55636649	-	0.121867
Ddx41	MmuINT0047799	chr13	55635678	55635776	-	0.053897
Ddx41	MmuINT0047800	chr13	55635450	55635523	-	0.042552
Ddx41	MmuINT0047801	chr13	55634523	55635312	-	0.069786
Ddx42	MmuINT0047802	chr11	1.06E+08	1.06E+08	+	0.009474
Ddx42	MmuINT0047803	chr11	1.06E+08	1.06E+08	+	0.021763
Ddx42	MmuINT0047804	chr11	1.06E+08	1.06E+08	+	0.061127
Ddx42	MmuINT0047805	chr11	1.06E+08	1.06E+08	+	0.034608
Ddx42	MmuINT0047806	chr11	1.06E+08	1.06E+08	+	0.009914
Ddx42	MmuINT0047807	chr11	1.06E+08	1.06E+08	+	0.018744
Ddx42	MmuINT0047808	chr11	1.06E+08	1.06E+08	+	0.014222
Ddx42	MmuINT0047809	chr11	1.06E+08	1.06E+08	+	0.008943
Ddx42	MmuINT0047810	chr11	1.06E+08	1.06E+08	+	0.006431
Ddx42	MmuINT0047811	chr11	1.06E+08	1.06E+08	+	0.009513
Ddx42	MmuINT0047812	chr11	1.06E+08	1.06E+08	+	0.013328
Ddx42	MmuINT0047813	chr11	1.06E+08	1.06E+08	+	0.142899
Ddx42	MmuINT0047814	chr11	1.06E+08	1.06E+08	+	0.127808
Ddx42	MmuINT0047815	chr11	1.06E+08	1.06E+08	+	0.015171
Ddx42	MmuINT0047816	chr11	1.06E+08	1.06E+08	+	0.029558
Ddx42	MmuINT0047817	chr11	1.06E+08	1.06E+08	+	0.013563
Ddx42	MmuINT0047818	chr11	1.06E+08	1.06E+08	+	0.009635
Ddx46	MmuINT0047835	chr13	55736557	55739386	+	0.012234
Ddx46	MmuINT0047836	chr13	55755541	55756369	+	0.013353
Ddx46	MmuINT0047837	chr13	55756492	55760380	+	0.009113
Ddx46	MmuINT0047838	chr13	55760460	55762077	+	0.213281
Ddx46	MmuINT0047839	chr13	55762161	55764579	+	0.010193
Ddx46	MmuINT0047840	chr13	55764745	55765139	+	0.008201
Ddx46	MmuINT0047841	chr13	55765303	55767547	+	0.00749
Ddx46	MmuINT0047842	chr13	55767742	55771072	+	0.009265
Ddx46	MmuINT0047843	chr13	55771211	55771564	+	0.007618

Ddx46	MmuINT0047844	chr13	55771715	55775301	+	0.01136
Ddx46	MmuINT0047845	chr13	55775476	55777256	+	0.554345
Ddx46	MmuINT0047846	chr13	55739576	55741151	+	0.006254
Ddx46	MmuINT0047847	chr13	55777476	55778130	+	0.009061
Ddx46	MmuINT0047848	chr13	55778276	55778881	+	0.012733
Ddx46	MmuINT0047849	chr13	55778956	55780144	+	0.018907
Ddx46	MmuINT0047850	chr13	55741296	55746731	+	0.008119
Ddx46	MmuINT0047851	chr13	55746829	55748987	+	0.007593
Ddx46	MmuINT0047852	chr13	55749154	55751775	+	0.006985
Ddx46	MmuINT0047853	chr13	55751928	55753404	+	0.009212
Ddx46	MmuINT0047854	chr13	55753519	55754273	+	0.008029
Ddx46	MmuINT0047855	chr13	55754440	55754962	+	0.013402
Ddx46	MmuINT0047856	chr13	55755084	55755364	+	0.008965
Ddx47	MmuINT0047857	chr6	1.35E+08	1.35E+08	+	0.005863
Ddx47	MmuINT0047858	chr6	1.35E+08	1.35E+08	+	0.075767
Ddx47	MmuINT0047859	chr6	1.35E+08	1.35E+08	+	0.020983
Ddx47	MmuINT0047860	chr6	1.35E+08	1.35E+08	+	0.00464
Ddx47	MmuINT0047861	chr6	1.35E+08	1.35E+08	+	0.017873
Ddx47	MmuINT0047862	chr6	1.35E+08	1.35E+08	+	0.016293
Ddx47	MmuINT0047863	chr6	1.35E+08	1.35E+08	+	0.022568
Ddx47	MmuINT0047864	chr6	1.35E+08	1.35E+08	+	0.004286
Ddx47	MmuINT0047865	chr6	1.35E+08	1.35E+08	+	0.013754
Ddx47	MmuINT0047866	chr6	1.35E+08	1.35E+08	+	0.021771
Ddx47	MmuINT0047867	chr6	1.35E+08	1.35E+08	+	0.053966
Ddx49	MmuINT0047868	chr8	72825002	72826221	-	0.012916
Ddx49	MmuINT0047869	chr8	72817799	72817897	-	0.20607
Ddx49	MmuINT0047870	chr8	72817587	72817726	-	0.127371
Ddx49	MmuINT0047871	chr8	72822066	72824877	-	0.030289
Ddx49	MmuINT0047872	chr8	72821897	72821979	-	0.038688
Ddx49	MmuINT0047873	chr8	72821218	72821774	-	0.012059
Ddx49	MmuINT0047874	chr8	72820943	72821029	-	0.012659
Ddx49	MmuINT0047875	chr8	72820358	72820801	-	0.019624
Ddx49	MmuINT0047876	chr8	72819551	72820281	-	0.107529
Ddx49	MmuINT0047877	chr8	72819364	72819473	-	0.01626
Ddx49	MmuINT0047878	chr8	72818661	72819265	-	0.047589
Ddx5	MmuINT0047880	chr11	1.07E+08	1.07E+08	-	0.007073
Ddx50	MmuINT0047891	chr10	62109950	62113772	-	0.021168
Ddx50	MmuINT0047894	chr10	62084272	62087515	-	0.007498
Ddx50	MmuINT0047897	chr10	62106121	62109661	-	0.019118
Ddx50	MmuINT0047901	chr10	62102755	62103194	-	0.004359
Ddx51	MmuINT0047905	chr5	1.11E+08	1.11E+08	+	0.039225
Ddx51	MmuINT0047906	chr5	1.11E+08	1.11E+08	+	0.063318
Ddx51	MmuINT0047907	chr5	1.11E+08	1.11E+08	+	0.076598
Ddx51	MmuINT0047908	chr5	1.11E+08	1.11E+08	+	0.051597
Ddx51	MmuINT0047909	chr5	1.11E+08	1.11E+08	+	0.037782
Ddx51	MmuINT0047910	chr5	1.11E+08	1.11E+08	+	0.026943
Ddx51	MmuINT0047911	chr5	1.11E+08	1.11E+08	+	0.029629
Ddx51	MmuINT0047912	chr5	1.11E+08	1.11E+08	+	0.025376
Ddx51	MmuINT0047913	chr5	1.11E+08	1.11E+08	+	0.054474
Ddx51	MmuINT0047914	chr5	1.11E+08	1.11E+08	+	0.102787

Ddx51	MmuINT0047915	chr5	1.11E+08	1.11E+08	+	0.168556
Ddx51	MmuINT0047916	chr5	1.11E+08	1.11E+08	+	0.127092
Ddx51	MmuINT0047917	chr5	1.11E+08	1.11E+08	+	0.052573
Ddx51	MmuINT0047918	chr5	1.11E+08	1.11E+08	+	0.027179
Ddx52	MmuINT0047919	chr11	83755767	83756744	+	0.022569
Ddx52	MmuINT0047920	chr11	83768706	83768790	+	0.019058
Ddx52	MmuINT0047921	chr11	83768942	83769473	+	0.031886
Ddx52	MmuINT0047922	chr11	83769550	83770967	+	0.028917
Ddx52	MmuINT0047923	chr11	83771040	83772948	+	0.030247
Ddx52	MmuINT0047924	chr11	83773036	83775251	+	0.033894
Ddx52	MmuINT0047925	chr11	83756944	83758037	+	0.013671
Ddx52	MmuINT0047926	chr11	83758172	83759606	+	0.015215
Ddx52	MmuINT0047927	chr11	83759793	83761946	+	0.02216
Ddx52	MmuINT0047928	chr11	83762091	83763084	+	0.028136
Ddx52	MmuINT0047929	chr11	83763197	83764791	+	0.105021
Ddx52	MmuINT0047930	chr11	83764865	83765613	+	0.126908
Ddx52	MmuINT0047931	chr11	83765818	83766728	+	0.016764
Ddx52	MmuINT0047932	chr11	83766820	83768582	+	0.012402
Ddx54	MmuINT0047933	chr5	1.21E+08	1.21E+08	+	0.008565
Ddx54	MmuINT0047934	chr5	1.21E+08	1.21E+08	+	0.012162
Ddx54	MmuINT0047935	chr5	1.21E+08	1.21E+08	+	0.007665
Ddx54	MmuINT0047936	chr5	1.21E+08	1.21E+08	+	0.015419
Ddx54	MmuINT0047937	chr5	1.21E+08	1.21E+08	+	0.009493
Ddx54	MmuINT0047938	chr5	1.21E+08	1.21E+08	+	0.010133
Ddx54	MmuINT0047939	chr5	1.21E+08	1.21E+08	+	0.012811
Ddx54	MmuINT0047940	chr5	1.21E+08	1.21E+08	+	0.01271
Ddx54	MmuINT0047941	chr5	1.21E+08	1.21E+08	+	0.014502
Ddx54	MmuINT0047942	chr5	1.21E+08	1.21E+08	+	0.006574
Ddx54	MmuINT0047943	chr5	1.21E+08	1.21E+08	+	0.005044
Ddx54	MmuINT0047944	chr5	1.21E+08	1.21E+08	+	0.01403
Ddx54	MmuINT0047945	chr5	1.21E+08	1.21E+08	+	0.010995
Ddx54	MmuINT0047946	chr5	1.21E+08	1.21E+08	+	0.009465
Ddx54	MmuINT0047947	chr5	1.21E+08	1.21E+08	+	0.011598
Ddx54	MmuINT0047948	chr5	1.21E+08	1.21E+08	+	0.007284
Ddx54	MmuINT0047949	chr5	1.21E+08	1.21E+08	+	0.013341
Ddx54	MmuINT0047950	chr5	1.21E+08	1.21E+08	+	0.016854
Ddx54	MmuINT0047951	chr5	1.21E+08	1.21E+08	+	0.009713
Ddx55	MmuINT0047952	chr5	1.25E+08	1.25E+08	+	0.059506
Ddx55	MmuINT0047953	chr5	1.25E+08	1.25E+08	+	0.113412
Ddx55	MmuINT0047954	chr5	1.25E+08	1.25E+08	+	0.029045
Ddx55	MmuINT0047955	chr5	1.25E+08	1.25E+08	+	0.020467
Ddx55	MmuINT0047957	chr5	1.25E+08	1.25E+08	+	0.341772
Ddx55	MmuINT0047958	chr5	1.25E+08	1.25E+08	+	0.102101
Ddx55	MmuINT0047959	chr5	1.25E+08	1.25E+08	+	0.188044
Ddx55	MmuINT0047960	chr5	1.25E+08	1.25E+08	+	0.077657
Ddx55	MmuINT0047961	chr5	1.25E+08	1.25E+08	+	0.051271
Ddx55	MmuINT0047962	chr5	1.25E+08	1.25E+08	+	0.138002
Ddx55	MmuINT0047963	chr5	1.25E+08	1.25E+08	+	0.053272
Ddx56	MmuINT0047965	chr11	6167583	6167662	-	0.019303
Ddx56	MmuINT0047966	chr11	6162550	6162665	-	0.011327

Ddx56	MmuINT0047967	chr11	6161725	6162459	-	0.029529
Ddx56	MmuINT0047968	chr11	6159624	6161618	-	0.032913
Ddx56	MmuINT0047969	chr11	6159262	6159549	-	0.024524
Ddx56	MmuINT0047970	chr11	6166975	6167420	-	0.024426
Ddx56	MmuINT0047971	chr11	6166686	6166813	-	0.023682
Ddx56	MmuINT0047972	chr11	6166410	6166514	-	0.007364
Ddx56	MmuINT0047973	chr11	6165760	6166318	-	0.007909
Ddx56	MmuINT0047974	chr11	6164799	6165514	-	0.044357
Ddx56	MmuINT0047975	chr11	6164241	6164678	-	0.013678
Ddx56	MmuINT0047976	chr11	6164037	6164126	-	0.007994
Ddx56	MmuINT0047977	chr11	6162740	6163941	-	0.022997
Ddx58	MmuINT0047978	chr4	40182416	40186623	-	0.0341
Ddx58	MmuINT0047979	chr4	40164521	40167431	-	0.02496
Ddx58	MmuINT0047980	chr4	40163524	40164362	-	0.035516
Ddx58	MmuINT0047981	chr4	40160913	40163387	-	0.052517
Ddx58	MmuINT0047982	chr4	40158674	40160763	-	0.031286
Ddx58	MmuINT0047983	chr4	40157083	40158582	-	0.065078
Ddx58	MmuINT0047984	chr4	40155956	40156911	-	0.068068
Ddx58	MmuINT0047985	chr4	40155628	40155803	-	0.028673
Ddx58	MmuINT0047986	chr4	40153140	40155483	-	0.044461
Ddx58	MmuINT0047988	chr4	40175147	40176527	-	0.136855
Ddx58	MmuINT0047989	chr4	40173753	40174998	-	0.044897
Ddx58	MmuINT0047992	chr4	40171090	40172072	-	0.028445
Ddx58	MmuINT0047993	chr4	40169231	40170830	-	0.070105
Ddx58	MmuINT0047994	chr4	40167537	40169067	-	0.098774
Ddx59	MmuINT0047995	chr1	1.38E+08	1.38E+08	+	0.018656
Ddx59	MmuINT0047996	chr1	1.38E+08	1.38E+08	+	0.017709
Ddx59	MmuINT0047997	chr1	1.38E+08	1.38E+08	+	0.036607
Ddx59	MmuINT0047998	chr1	1.38E+08	1.38E+08	+	0.015539
Ddx59	MmuINT0047999	chr1	1.38E+08	1.38E+08	+	0.028619
Ddx59	MmuINT0048000	chr1	1.38E+08	1.38E+08	+	0.030777
Ddx6	MmuINT0048004	chr9	44442278	44443765	+	0.000571
Ddx6	MmuINT0048005	chr9	44443949	44444571	+	0.006889
Ddx6	MmuINT0048006	chr9	44415676	44420910	+	0.007567
Ddx6	MmuINT0048008	chr9	44422400	44431701	+	0.002876
Ddx6	MmuINT0048010	chr9	44432705	44434470	+	0.005043
Ddx6	MmuINT0048011	chr9	44434566	44435720	+	0.006259
Ddx6	MmuINT0048013	chr9	44436853	44438106	+	0.003573
Deaf1	MmuINT0048053	chr7	1.48E+08	1.48E+08	-	0.013248
Deaf1	MmuINT0048054	chr7	1.48E+08	1.48E+08	-	0.066974
Deaf1	MmuINT0048055	chr7	1.48E+08	1.48E+08	-	0.091367
Deaf1	MmuINT0048056	chr7	1.49E+08	1.49E+08	-	0.016711
Deaf1	MmuINT0048057	chr7	1.49E+08	1.49E+08	-	0.015477
Deaf1	MmuINT0048058	chr7	1.49E+08	1.49E+08	-	0.015307
Deaf1	MmuINT0048059	chr7	1.49E+08	1.49E+08	-	0.028283
Deaf1	MmuINT0048062	chr7	1.49E+08	1.49E+08	-	0.028272
Deaf1	MmuINT0048063	chr7	1.48E+08	1.49E+08	-	0.035096
Deb1	MmuINT0048068	chr9	1.22E+08	1.22E+08	+	0.165275
Deb1	MmuINT0048069	chr9	1.22E+08	1.22E+08	+	0.022328
Decr1	MmuINT0048071	chr4	15858330	15860039	-	0.00047

Decr1	MmuINT0048072	chr4	15858148	15858271	-	0.000543
Decr1	MmuINT0048073	chr4	15857022	15858060	-	0.000312
Decr1	MmuINT0048074	chr4	15851501	15856873	-	0.002498
Decr1	MmuINT0048075	chr4	15849705	15851400	-	0.002267
Decr1	MmuINT0048076	chr4	15847126	15849631	-	0.000706
Decr1	MmuINT0048077	chr4	15846404	15846978	-	0.000557
Decr1	MmuINT0048078	chr4	15846242	15846340	-	0.000775
Decr2	MmuINT0048079	chr17	26225943	26226908	-	0.119268
Decr2	MmuINT0048080	chr17	26225019	26225873	-	0.10003
Decr2	MmuINT0048081	chr17	26224405	26224966	-	0.046082
Decr2	MmuINT0048082	chr17	26221081	26224268	-	0.038136
Decr2	MmuINT0048083	chr17	26220884	26220955	-	0.055019
Decr2	MmuINT0048084	chr17	26220626	26220789	-	0.031726
Decr2	MmuINT0048085	chr17	26220039	26220520	-	0.018622
Decr2	MmuINT0048086	chr17	26219207	26219820	-	0.02631
Dedd	MmuINT0048089	chr1	1.73E+08	1.73E+08	+	0.134233
Dedd	MmuINT0048090	chr1	1.73E+08	1.73E+08	+	0.010707
Dedd	MmuINT0048091	chr1	1.73E+08	1.73E+08	+	0.00693
Dedd	MmuINT0048092	chr1	1.73E+08	1.73E+08	+	0.095936
Dedd2	MmuINT0048093	chr7	26004187	26004782	-	0.593048
Dedd2	MmuINT0048094	chr7	26002687	26003819	-	0.013621
Dedd2	MmuINT0048095	chr7	25996318	26002563	-	0.012382
Dedd2	MmuINT0048096	chr7	25988951	25996167	-	0.03103
Def6	MmuINT0048097	chr17	28344884	28353909	+	0.060438
Def6	MmuINT0048100	chr17	28354732	28356689	+	0.103802
Def6	MmuINT0048101	chr17	28356927	28357021	+	0.054392
Def6	MmuINT0048103	chr17	28360726	28360832	+	0.074834
Def6	MmuINT0048104	chr17	28361132	28362789	+	0.057801
Def6	MmuINT0048105	chr17	28362957	28363045	+	0.129482
Def8	MmuINT0048107	chr8	1.26E+08	1.26E+08	+	0.025664
Def8	MmuINT0048108	chr8	1.26E+08	1.26E+08	+	0.003649
Def8	MmuINT0048109	chr8	1.26E+08	1.26E+08	+	0.009128
Def8	MmuINT0048110	chr8	1.26E+08	1.26E+08	+	0.003425
Def8	MmuINT0048111	chr8	1.26E+08	1.26E+08	+	0.00466
Def8	MmuINT0048112	chr8	1.26E+08	1.26E+08	+	0.003794
Def8	MmuINT0048113	chr8	1.26E+08	1.26E+08	+	0.00326
Def8	MmuINT0048114	chr8	1.26E+08	1.26E+08	+	0.003744
Def8	MmuINT0048115	chr8	1.26E+08	1.26E+08	+	0.004502
Def8	MmuINT0048116	chr8	1.26E+08	1.26E+08	+	0.0306
Def8	MmuINT0048117	chr8	1.26E+08	1.26E+08	+	0.006069
Degs1	MmuINT0048178	chr1	1.84E+08	1.84E+08	-	0.003172
Degs1	MmuINT0048179	chr1	1.84E+08	1.84E+08	-	0.010777
Dek	MmuINT0048183	chr13	47201106	47201440	-	0.023765
Dek	MmuINT0048184	chr13	47181449	47181793	-	0.00874
Dek	MmuINT0048186	chr13	47197101	47197340	-	0.021272
Dek	MmuINT0048187	chr13	47195637	47196990	-	0.041261
Dek	MmuINT0048188	chr13	47194832	47195541	-	0.006577
Dek	MmuINT0048189	chr13	47193712	47194710	-	0.015997
Dek	MmuINT0048190	chr13	47183985	47193522	-	0.014837
Dek	MmuINT0048191	chr13	47183543	47183845	-	0.009023

Dek	MmuINT0048192	chr13	47181863	47183393	-	0.00516
Dennd1a	MmuINT0048194	chr2	38098993	38142632	-	0.03199
Dennd1a	MmuINT0048195	chr2	37838626	37858893	-	0.034994
Dennd1a	MmuINT0048196	chr2	37817263	37838579	-	0.021372
Dennd1a	MmuINT0048197	chr2	37792265	37817160	-	0.017657
Dennd1a	MmuINT0048198	chr2	37713993	37792138	-	0.028473
Dennd1a	MmuINT0048199	chr2	37713626	37713887	-	0.017909
Dennd1a	MmuINT0048200	chr2	37711677	37713537	-	0.02786
Dennd1a	MmuINT0048201	chr2	37709585	37711635	-	0.024762
Dennd1a	MmuINT0048202	chr2	37707973	37709512	-	0.023882
Dennd1a	MmuINT0048203	chr2	37700429	37707915	-	0.016991
Dennd1a	MmuINT0048204	chr2	37672525	37700296	-	0.03278
Dennd1a	MmuINT0048205	chr2	38015371	38098921	-	0.03278
Dennd1a	MmuINT0048206	chr2	37657794	37672435	-	0.494739
Dennd1a	MmuINT0048207	chr2	37656771	37657534	-	0.01325
Dennd1a	MmuINT0048208	chr2	37992496	38015326	-	0.035733
Dennd1a	MmuINT0048209	chr2	37982169	37992445	-	0.019417
Dennd1a	MmuINT0048210	chr2	37904315	37982048	-	0.018388
Dennd1a	MmuINT0048211	chr2	37898940	37904244	-	0.023042
Dennd1a	MmuINT0048212	chr2	37894726	37898858	-	0.022131
Dennd1a	MmuINT0048213	chr2	37876987	37894671	-	0.02463
Dennd1a	MmuINT0048214	chr2	37858995	37876875	-	0.026765
Dennd1b	MmuINT0048216	chr1	1.41E+08	1.41E+08	+	0.043891
Dennd1b	MmuINT0048217	chr1	1.41E+08	1.41E+08	+	0.064452
Dennd1b	MmuINT0048218	chr1	1.41E+08	1.41E+08	+	0.039803
Dennd1b	MmuINT0048219	chr1	1.41E+08	1.41E+08	+	0.03423
Dennd1b	MmuINT0048220	chr1	1.41E+08	1.41E+08	+	0.061668
Dennd1b	MmuINT0048221	chr1	1.41E+08	1.41E+08	+	0.052005
Dennd1b	MmuINT0048222	chr1	1.41E+08	1.41E+08	+	0.054301
Dennd1b	MmuINT0048223	chr1	1.41E+08	1.41E+08	+	0.04225
Dennd1b	MmuINT0048224	chr1	1.41E+08	1.41E+08	+	0.036069
Dennd1b	MmuINT0048225	chr1	1.41E+08	1.41E+08	+	0.050637
Dennd1b	MmuINT0048227	chr1	1.41E+08	1.41E+08	+	0.042696
Dennd1b	MmuINT0048228	chr1	1.41E+08	1.41E+08	+	0.034502
Dennd1b	MmuINT0048230	chr1	1.41E+08	1.41E+08	+	0.050098
Dennd1b	MmuINT0048231	chr1	1.41E+08	1.41E+08	+	0.051624
Dennd1b	MmuINT0048232	chr1	1.41E+08	1.41E+08	+	0.069675
Dennd1b	MmuINT0048233	chr1	1.41E+08	1.41E+08	+	0.041232
Dennd1b	MmuINT0048234	chr1	1.41E+08	1.41E+08	+	0.05763
Dennd1b	MmuINT0048235	chr1	1.41E+08	1.41E+08	+	0.040739
Dennd1c	MmuINT0048245	chr17	57209608	57209830	-	0.654827
Dennd1c	MmuINT0048247	chr17	57207257	57207339	-	0.938261
Dennd1c	MmuINT0048249	chr17	57207124	57207211	-	0.258037
Dennd1c	MmuINT0048251	chr17	57206366	57206471	-	0.360505
Dennd1c	MmuINT0048252	chr17	57206065	57206154	-	0.203219
Dennd2a	MmuINT0048262	chr6	39433153	39435557	-	0.058572
Dennd2a	MmuINT0048264	chr6	39420376	39430199	-	0.045441
Dennd2a	MmuINT0048267	chr6	39415290	39415582	-	0.042596
Dennd2a	MmuINT0048268	chr6	39414298	39415049	-	0.031671
Dennd2a	MmuINT0048269	chr6	39413451	39414210	-	0.03864

Dennd2a	MmuINT0048270	chr6	39458369	39472654	-	0.053157
Dennd2a	MmuINT0048274	chr6	39444704	39445175	-	0.050288
Dennd2a	MmuINT0048275	chr6	39443186	39444652	-	0.050043
Dennd3	MmuINT0048308	chr15	73373247	73374787	+	0.059895
Dennd3	MmuINT0048310	chr15	73375576	73377550	+	0.043457
Dennd3	MmuINT0048311	chr15	73378073	73385486	+	0.02685
Dennd3	MmuINT0048312	chr15	73385747	73386777	+	0.040078
Dennd3	MmuINT0048313	chr15	73386949	73388011	+	0.070596
Dennd3	MmuINT0048314	chr15	73388142	73392754	+	0.142795
Dennd3	MmuINT0048315	chr15	73392863	73394926	+	0.048788
Dennd3	MmuINT0048316	chr15	73395067	73395445	+	0.265145
Dennd3	MmuINT0048317	chr15	73395604	73397462	+	0.112976
Dennd3	MmuINT0048319	chr15	73397597	73398851	+	0.310868
Dennd3	MmuINT0048320	chr15	73398956	73399037	+	0.191754
Dennd3	MmuINT0048321	chr15	73399176	73401183	+	0.138379
Dennd3	MmuINT0048327	chr15	73367842	73371122	+	0.048426
Dennd3	MmuINT0048328	chr15	73371279	73373149	+	0.054761
Dennd4a	MmuINT0048332	chr9	64709855	64710133	+	0.065268
Dennd4a	MmuINT0048333	chr9	64710310	64715568	+	0.052383
Dennd4a	MmuINT0048334	chr9	64715670	64719634	+	0.067651
Dennd4a	MmuINT0048336	chr9	64720947	64734663	+	0.057986
Dennd4a	MmuINT0048337	chr9	64734798	64736292	+	0.09107
Dennd4a	MmuINT0048339	chr9	64736934	64737022	+	0.055628
Dennd4a	MmuINT0048342	chr9	64737539	64741092	+	0.0621
Dennd4a	MmuINT0048343	chr9	64741210	64742204	+	0.049103
Dennd4a	MmuINT0048344	chr9	64742337	64744140	+	0.052366
Dennd4a	MmuINT0048345	chr9	64745238	64751956	+	0.040337
Dennd4a	MmuINT0048346	chr9	64752147	64753807	+	0.058953
Dennd4a	MmuINT0048347	chr9	64753903	64754644	+	0.055626
Dennd4a	MmuINT0048348	chr9	64754821	64754909	+	0.054437
Dennd4a	MmuINT0048349	chr9	64755045	64757307	+	0.047803
Dennd4a	MmuINT0048350	chr9	64757507	64757737	+	0.045166
Dennd4a	MmuINT0048351	chr9	64683160	64683760	+	0.053914
Dennd4a	MmuINT0048352	chr9	64757993	64759471	+	0.053752
Dennd4a	MmuINT0048353	chr9	64759590	64759693	+	0.041144
Dennd4a	MmuINT0048354	chr9	64759721	64760160	+	0.070163
Dennd4a	MmuINT0048355	chr9	64760324	64760482	+	0.054591
Dennd4a	MmuINT0048356	chr9	64760548	64764765	+	0.061656
Dennd4a	MmuINT0048358	chr9	64686952	64690246	+	0.061459
Dennd4a	MmuINT0048361	chr9	64699189	64700222	+	0.062517
Dennd4b	MmuINT0048363	chr3	90070589	90071334	+	0.332549
Dennd4b	MmuINT0048364	chr3	90074927	90075055	+	0.00664
Dennd4b	MmuINT0048365	chr3	90075157	90075488	+	0.010122
Dennd4b	MmuINT0048366	chr3	90075705	90076177	+	0.007039
Dennd4b	MmuINT0048367	chr3	90076324	90076636	+	0.006832
Dennd4b	MmuINT0048368	chr3	90076777	90076858	+	0.017638
Dennd4b	MmuINT0048369	chr3	90076986	90077725	+	0.006959
Dennd4b	MmuINT0048370	chr3	90077933	90078210	+	0.009784
Dennd4b	MmuINT0048371	chr3	90078340	90079367	+	0.016377
Dennd4b	MmuINT0048372	chr3	90079567	90080144	+	0.011027



Dennd4b	MmuINT0048373	chr3	90080313	90080801	+	0.029042
Dennd4b	MmuINT0048374	chr3	90071675	90072164	+	0.057508
Dennd4b	MmuINT0048375	chr3	90081191	90081342	+	0.007471
Dennd4b	MmuINT0048376	chr3	90081466	90081656	+	0.00842
Dennd4b	MmuINT0048377	chr3	90081827	90081909	+	0.007411
Dennd4b	MmuINT0048378	chr3	90082052	90082232	+	0.008967
Dennd4b	MmuINT0048379	chr3	90082470	90083081	+	0.038449
Dennd4b	MmuINT0048380	chr3	90083209	90083299	+	0.036845
Dennd4b	MmuINT0048381	chr3	90083466	90083541	+	0.008396
Dennd4b	MmuINT0048382	chr3	90083607	90083698	+	0.00616
Dennd4b	MmuINT0048383	chr3	90072418	90072669	+	0.125244
Dennd4b	MmuINT0048384	chr3	90072740	90072909	+	0.086151
Dennd4b	MmuINT0048385	chr3	90073080	90073155	+	0.01963
Dennd4b	MmuINT0048386	chr3	90073401	90073976	+	0.045357
Dennd4b	MmuINT0048387	chr3	90074044	90074134	+	0.022975
Dennd4b	MmuINT0048388	chr3	90074194	90074368	+	0.024114
Dennd4b	MmuINT0048389	chr3	90074514	90074750	+	0.006641
Dennd4c	MmuINT0048392	chr4	86394817	86420141	+	0.040906
Dennd4c	MmuINT0048393	chr4	86441202	86443947	+	0.020728
Dennd4c	MmuINT0048394	chr4	86444049	86445256	+	0.013951
Dennd4c	MmuINT0048395	chr4	86445476	86448810	+	0.021363
Dennd4c	MmuINT0048396	chr4	86448957	86451273	+	0.020002
Dennd4c	MmuINT0048397	chr4	86451310	86451398	+	0.023604
Dennd4c	MmuINT0048398	chr4	86451530	86453331	+	0.018035
Dennd4c	MmuINT0048399	chr4	86453465	86457316	+	0.02575
Dennd4c	MmuINT0048400	chr4	86457524	86458228	+	0.025618
Dennd4c	MmuINT0048401	chr4	86458358	86459296	+	0.022924
Dennd4c	MmuINT0048402	chr4	86459442	86465765	+	0.017
Dennd4c	MmuINT0048404	chr4	86465886	86467230	+	0.014132
Dennd4c	MmuINT0048405	chr4	86467375	86470821	+	0.013891
Dennd4c	MmuINT0048406	chr4	86471985	86473871	+	0.015685
Dennd4c	MmuINT0048407	chr4	86474053	86474823	+	0.011919
Dennd4c	MmuINT0048408	chr4	86474934	86475394	+	0.017677
Dennd4c	MmuINT0048417	chr4	86427616	86431951	+	0.021805
Dennd4c	MmuINT0048420	chr4	86435867	86437230	+	0.027289
Dennd4c	MmuINT0048421	chr4	86437376	86441025	+	0.023836
Dennd5a	MmuINT0048422	chr7	1.17E+08	1.17E+08	-	0.005539
Dennd5a	MmuINT0048423	chr7	1.17E+08	1.17E+08	-	0.00235
Dennd5a	MmuINT0048424	chr7	1.17E+08	1.17E+08	-	0.002003
Dennd5a	MmuINT0048425	chr7	1.17E+08	1.17E+08	-	0.002499
Dennd5a	MmuINT0048426	chr7	1.17E+08	1.17E+08	-	0.005099
Dennd5a	MmuINT0048427	chr7	1.17E+08	1.17E+08	-	0.002532
Dennd5a	MmuINT0048428	chr7	1.17E+08	1.17E+08	-	0.003451
Dennd5a	MmuINT0048429	chr7	1.17E+08	1.17E+08	-	0.034586
Dennd5a	MmuINT0048430	chr7	1.17E+08	1.17E+08	-	0.026619
Dennd5a	MmuINT0048431	chr7	1.17E+08	1.17E+08	-	0.009144
Dennd5a	MmuINT0048432	chr7	1.17E+08	1.17E+08	-	0.00958
Dennd5a	MmuINT0048433	chr7	1.17E+08	1.17E+08	-	0.00494
Dennd5a	MmuINT0048434	chr7	1.17E+08	1.17E+08	-	0.010764
Dennd5a	MmuINT0048435	chr7	1.17E+08	1.17E+08	-	0.017168

Dennd5a	MmuINT0048436	chr7	1.17E+08	1.17E+08	-	0.023424
Dennd5a	MmuINT0048437	chr7	1.17E+08	1.17E+08	-	0.002613
Dennd5a	MmuINT0048438	chr7	1.17E+08	1.17E+08	-	0.012108
Dennd5a	MmuINT0048439	chr7	1.17E+08	1.17E+08	-	0.002835
Dennd5a	MmuINT0048440	chr7	1.17E+08	1.17E+08	-	0.004295
Dennd5a	MmuINT0048441	chr7	1.17E+08	1.17E+08	-	0.002401
Dennd5a	MmuINT0048442	chr7	1.17E+08	1.17E+08	-	0.002242
Dennd5a	MmuINT0048443	chr7	1.17E+08	1.17E+08	-	0.002376
Dennd5b	MmuINT0048445	chr6	1.49E+08	1.49E+08	-	0.037762
Dennd5b	MmuINT0048446	chr6	1.49E+08	1.49E+08	-	0.05112
Dennd5b	MmuINT0048447	chr6	1.49E+08	1.49E+08	-	0.078075
Dennd5b	MmuINT0048448	chr6	1.49E+08	1.49E+08	-	0.044415
Dennd5b	MmuINT0048449	chr6	1.49E+08	1.49E+08	-	0.026544
Dennd5b	MmuINT0048450	chr6	1.49E+08	1.49E+08	-	0.029601
Dennd5b	MmuINT0048451	chr6	1.49E+08	1.49E+08	-	0.041512
Dennd5b	MmuINT0048452	chr6	1.49E+08	1.49E+08	-	0.038072
Dennd5b	MmuINT0048453	chr6	1.49E+08	1.49E+08	-	0.060234
Dennd5b	MmuINT0048454	chr6	1.49E+08	1.49E+08	-	0.037558
Dennd5b	MmuINT0048455	chr6	1.49E+08	1.49E+08	-	0.041995
Dennd5b	MmuINT0048456	chr6	1.49E+08	1.49E+08	-	0.026419
Dennd5b	MmuINT0048457	chr6	1.49E+08	1.49E+08	-	0.046399
Dennd5b	MmuINT0048459	chr6	1.49E+08	1.49E+08	-	0.050563
Dennd5b	MmuINT0048461	chr6	1.49E+08	1.49E+08	-	0.03756
Dennd5b	MmuINT0048462	chr6	1.49E+08	1.49E+08	-	0.122136
Dennd5b	MmuINT0048463	chr6	1.49E+08	1.49E+08	-	0.030974
Denr	MmuINT0048464	chr5	1.24E+08	1.24E+08	+	0.002293
Denr	MmuINT0048465	chr5	1.24E+08	1.24E+08	+	0.003165
Denr	MmuINT0048466	chr5	1.24E+08	1.24E+08	+	0.002928
Denr	MmuINT0048467	chr5	1.24E+08	1.24E+08	+	0.004573
Denr	MmuINT0048468	chr5	1.24E+08	1.24E+08	+	0.006156
Denr	MmuINT0048469	chr5	1.24E+08	1.24E+08	+	0.003211
Denr	MmuINT0048470	chr5	1.24E+08	1.24E+08	+	0.001463
Depdc5	MmuINT0048498	chr5	33301996	33307280	+	0.041032
Depdc5	MmuINT0048499	chr5	33307433	33310379	+	0.03825
Depdc5	MmuINT0048500	chr5	33310458	33311287	+	0.026107
Depdc5	MmuINT0048501	chr5	33311421	33316465	+	0.055579
Depdc5	MmuINT0048502	chr5	33316575	33317965	+	0.053877
Depdc5	MmuINT0048503	chr5	33318194	33322033	+	0.025181
Depdc5	MmuINT0048504	chr5	33322204	33326507	+	0.049162
Depdc5	MmuINT0048505	chr5	33326680	33329584	+	0.102428
Depdc5	MmuINT0048506	chr5	33329646	33333390	+	0.101174
Depdc5	MmuINT0048507	chr5	33333474	33333587	+	0.046598
Depdc5	MmuINT0048510	chr5	33240598	33241640	+	0.032657
Depdc5	MmuINT0048511	chr5	33241714	33244104	+	0.045779
Depdc5	MmuINT0048512	chr5	33244209	33244478	+	0.041739
Depdc5	MmuINT0048513	chr5	33244554	33246425	+	0.027989
Depdc5	MmuINT0048514	chr5	33246561	33246923	+	0.026751
Depdc5	MmuINT0048515	chr5	33246986	33247107	+	0.048536
Depdc5	MmuINT0048516	chr5	33247182	33253105	+	0.036948
Depdc5	MmuINT0048517	chr5	33253176	33254857	+	0.038017

Depdc5	MmuINT0048518	chr5	33254895	33255748	+	0.057883
Depdc5	MmuINT0048519	chr5	33207349	33210622	+	0.033931
Depdc5	MmuINT0048520	chr5	33255870	33260573	+	0.028414
Depdc5	MmuINT0048521	chr5	33260795	33266810	+	0.01899
Depdc5	MmuINT0048522	chr5	33267015	33269538	+	0.037046
Depdc5	MmuINT0048523	chr5	33269675	33270493	+	0.039477
Depdc5	MmuINT0048524	chr5	33270589	33276598	+	0.040948
Depdc5	MmuINT0048525	chr5	33280354	33280793	+	0.024403
Depdc5	MmuINT0048526	chr5	33280955	33285880	+	0.023645
Depdc5	MmuINT0048527	chr5	33285999	33286619	+	0.027985
Depdc5	MmuINT0048528	chr5	33286788	33287571	+	0.022325
Depdc5	MmuINT0048529	chr5	33210711	33211469	+	0.036978
Depdc5	MmuINT0048530	chr5	33287792	33289282	+	0.026033
Depdc5	MmuINT0048531	chr5	33289417	33298501	+	0.026084
Depdc5	MmuINT0048537	chr5	33229698	33236023	+	0.038375
Depdc5	MmuINT0048538	chr5	33236103	33238528	+	0.059576
Dera	MmuINT0048555	chr6	1.38E+08	1.38E+08	+	0.097345
Dera	MmuINT0048556	chr6	1.38E+08	1.38E+08	+	0.059155
Dera	MmuINT0048557	chr6	1.38E+08	1.38E+08	+	0.029599
Dera	MmuINT0048558	chr6	1.38E+08	1.38E+08	+	0.036668
Dera	MmuINT0048559	chr6	1.38E+08	1.38E+08	+	0.036855
Dera	MmuINT0048560	chr6	1.38E+08	1.38E+08	+	0.033079
Dera	MmuINT0048561	chr6	1.38E+08	1.38E+08	+	0.052173
Dera	MmuINT0048562	chr6	1.38E+08	1.38E+08	+	0.037113
Derl1	MmuINT0048568	chr15	57707163	57708972	-	0.019121
Derl2	MmuINT0048570	chr11	70831880	70832645	-	0.053466
Derl2	MmuINT0048571	chr11	70829303	70831813	-	0.021822
Derl2	MmuINT0048572	chr11	70828146	70829228	-	0.009003
Derl2	MmuINT0048573	chr11	70827141	70828051	-	0.014237
Derl2	MmuINT0048574	chr11	70826703	70826944	-	0.0215
Derl2	MmuINT0048575	chr11	70823929	70826611	-	0.046969
Des	MmuINT0048582	chr1	75357568	75358732	+	0.006285
Des	MmuINT0048583	chr1	75358794	75358887	+	0.001038
Des	MmuINT0048584	chr1	75358984	75359139	+	0.000218
Des	MmuINT0048585	chr1	75359302	75359468	+	0.000249
Des	MmuINT0048586	chr1	75359595	75360045	+	0.003928
Des	MmuINT0048587	chr1	75360267	75361902	+	0.005476
Des	MmuINT0048588	chr1	75361947	75363334	+	0.005917
Des	MmuINT0048589	chr1	75363418	75363583	+	0.001726
Det1	MmuINT0048590	chr7	85989151	85991992	-	0.041385
Det1	MmuINT0048591	chr7	85985079	85988057	-	0.028823
Det1	MmuINT0048592	chr7	85979189	85984890	-	0.018148
Det1	MmuINT0048593	chr7	85972999	85978996	-	0.036789
Dexi	MmuINT0048594	chr16	10530906	10542364	-	0.030494
Dffa	MmuINT0048595	chr4	1.48E+08	1.48E+08	+	0.00939
Dffa	MmuINT0048596	chr4	1.48E+08	1.48E+08	+	0.008486
Dffa	MmuINT0048597	chr4	1.48E+08	1.48E+08	+	0.015677
Dffb	MmuINT0048598	chr4	1.53E+08	1.53E+08	-	0.046504
Dffb	MmuINT0048600	chr4	1.53E+08	1.53E+08	-	0.415532
Dffb	MmuINT0048601	chr4	1.53E+08	1.53E+08	-	0.070297

Dffb	MmuINT0048602	chr4	1.53E+08	1.53E+08	-	0.035965
Dffb	MmuINT0048603	chr4	1.53E+08	1.53E+08	-	0.636669
Dgat1	MmuINT0048618	chr15	76337084	76341984	-	0.16478
Dgat1	MmuINT0048619	chr15	76333746	76333819	-	0.052048
Dgat1	MmuINT0048620	chr15	76333629	76333703	-	0.078017
Dgat1	MmuINT0048621	chr15	76333502	76333583	-	0.138169
Dgat1	MmuINT0048622	chr15	76333315	76333388	-	0.194099
Dgat1	MmuINT0048623	chr15	76333162	76333248	-	0.026436
Dgat1	MmuINT0048624	chr15	76332985	76333073	-	0.022848
Dgat1	MmuINT0048625	chr15	76332819	76332921	-	0.009113
Dgat1	MmuINT0048626	chr15	76335137	76336995	-	0.169958
Dgat1	MmuINT0048627	chr15	76335002	76335095	-	0.106366
Dgat1	MmuINT0048628	chr15	76334832	76334915	-	0.067586
Dgat1	MmuINT0048629	chr15	76334651	76334778	-	0.203798
Dgat1	MmuINT0048630	chr15	76334403	76334544	-	0.150759
Dgat1	MmuINT0048631	chr15	76334211	76334294	-	0.034857
Dgat1	MmuINT0048632	chr15	76334052	76334135	-	0.052587
Dgat1	MmuINT0048633	chr15	76333859	76333947	-	0.04945
Dgat2	MmuINT0048634	chr7	1.06E+08	1.06E+08	-	0.000843
Dgat2	MmuINT0048635	chr7	1.06E+08	1.06E+08	-	0.001725
Dgat2	MmuINT0048636	chr7	1.06E+08	1.06E+08	-	0.00191
Dgat2	MmuINT0048637	chr7	1.06E+08	1.06E+08	-	0.010246
Dgat2	MmuINT0048638	chr7	1.06E+08	1.06E+08	-	0.001031
Dgat2	MmuINT0048639	chr7	1.06E+08	1.06E+08	-	0.001228
Dgat2	MmuINT0048640	chr7	1.06E+08	1.06E+08	-	0.009747
Dgcr14	MmuINT0048647	chr16	17910350	17911254	-	0.022041
Dgcr14	MmuINT0048648	chr16	17910094	17910180	-	0.006982
Dgcr14	MmuINT0048649	chr16	17907731	17907842	-	0.031292
Dgcr14	MmuINT0048650	chr16	17907336	17907612	-	0.063662
Dgcr14	MmuINT0048651	chr16	17906467	17907201	-	0.004389
Dgcr14	MmuINT0048652	chr16	17905205	17906363	-	0.015407
Dgcr14	MmuINT0048654	chr16	17902417	17902910	-	0.002844
Dgcr2	MmuINT0048656	chr16	17872779	17891478	-	0.010322
Dgcr2	MmuINT0048657	chr16	17859620	17872655	-	0.006852
Dgcr2	MmuINT0048658	chr16	17857428	17858452	-	0.010881
Dgcr2	MmuINT0048659	chr16	17857022	17857350	-	0.006836
Dgcr2	MmuINT0048660	chr16	17849888	17856844	-	0.004684
Dgcr2	MmuINT0048661	chr16	17845229	17849683	-	0.059248
Dgcr2	MmuINT0048662	chr16	17844302	17845075	-	0.010738
Dgcr2	MmuINT0048663	chr16	17842871	17844064	-	0.004801
Dgcr6	MmuINT0048667	chr16	18066950	18069516	+	0.018745
Dgcr6	MmuINT0048668	chr16	18069618	18070183	+	0.112001
Dgcr6	MmuINT0048669	chr16	18070325	18070970	+	0.006817
Dgcr8	MmuINT0048670	chr16	18284790	18289195	-	0.039724
Dgcr8	MmuINT0048671	chr16	18259749	18259971	-	0.039312
Dgcr8	MmuINT0048672	chr16	18258415	18259641	-	0.036615
Dgcr8	MmuINT0048675	chr16	18283377	18283789	-	0.116559
Dgcr8	MmuINT0048676	chr16	18280850	18283216	-	0.020121
Dgcr8	MmuINT0048677	chr16	18280596	18280706	-	0.022149
Dgcr8	MmuINT0048678	chr16	18278610	18280312	-	0.023981

Dgcr8	MmuINT0048679	chr16	18278234	18278411	-	0.030096
Dgcr8	MmuINT0048680	chr16	18277358	18278131	-	0.034242
Dgcr8	MmuINT0048681	chr16	18272897	18277258	-	0.038114
Dgcr8	MmuINT0048682	chr16	18260073	18272813	-	0.031267
Dgka	MmuINT0048683	chr10	1.28E+08	1.28E+08	-	0.02854
Dgka	MmuINT0048684	chr10	1.28E+08	1.28E+08	-	0.169185
Dgka	MmuINT0048685	chr10	1.28E+08	1.28E+08	-	0.018435
Dgka	MmuINT0048686	chr10	1.28E+08	1.28E+08	-	0.017259
Dgka	MmuINT0048687	chr10	1.28E+08	1.28E+08	-	0.08887
Dgka	MmuINT0048688	chr10	1.28E+08	1.28E+08	-	0.030389
Dgka	MmuINT0048689	chr10	1.28E+08	1.28E+08	-	0.033412
Dgka	MmuINT0048690	chr10	1.28E+08	1.28E+08	-	0.028454
Dgka	MmuINT0048691	chr10	1.28E+08	1.28E+08	-	0.052321
Dgka	MmuINT0048692	chr10	1.28E+08	1.28E+08	-	0.090011
Dgka	MmuINT0048693	chr10	1.28E+08	1.28E+08	-	0.032085
Dgka	MmuINT0048694	chr10	1.28E+08	1.28E+08	-	0.101511
Dgka	MmuINT0048695	chr10	1.28E+08	1.28E+08	-	0.039287
Dgka	MmuINT0048696	chr10	1.28E+08	1.28E+08	-	0.013484
Dgka	MmuINT0048697	chr10	1.28E+08	1.28E+08	-	0.032965
Dgka	MmuINT0048698	chr10	1.28E+08	1.28E+08	-	0.053801
Dgka	MmuINT0048699	chr10	1.28E+08	1.28E+08	-	0.304261
Dgka	MmuINT0048700	chr10	1.28E+08	1.28E+08	-	0.030895
Dgka	MmuINT0048701	chr10	1.28E+08	1.28E+08	-	0.178682
Dgka	MmuINT0048702	chr10	1.28E+08	1.28E+08	-	0.111912
Dgka	MmuINT0048703	chr10	1.28E+08	1.28E+08	-	0.050967
Dgka	MmuINT0048704	chr10	1.28E+08	1.28E+08	-	0.05545
Dgka	MmuINT0048705	chr10	1.28E+08	1.28E+08	-	0.274683
Dgkd	MmuINT0048730	chr1	89750032	89776942	+	0.012771
Dgkd	MmuINT0048731	chr1	89818257	89820646	+	0.043219
Dgkd	MmuINT0048732	chr1	89820787	89821054	+	0.011567
Dgkd	MmuINT0048733	chr1	89821140	89822268	+	0.022143
Dgkd	MmuINT0048734	chr1	89822364	89822447	+	0.011146
Dgkd	MmuINT0048735	chr1	89822548	89822625	+	0.025409
Dgkd	MmuINT0048736	chr1	89822900	89823440	+	0.017872
Dgkd	MmuINT0048737	chr1	89823600	89824259	+	0.008748
Dgkd	MmuINT0048738	chr1	89824386	89826315	+	0.013955
Dgkd	MmuINT0048739	chr1	89826413	89828506	+	0.010753
Dgkd	MmuINT0048740	chr1	89828618	89830680	+	0.023693
Dgkd	MmuINT0048741	chr1	89777054	89778433	+	0.013098
Dgkd	MmuINT0048742	chr1	89830778	89830968	+	0.02014
Dgkd	MmuINT0048743	chr1	89831077	89831912	+	0.073518
Dgkd	MmuINT0048744	chr1	89832027	89832858	+	0.032023
Dgkd	MmuINT0048745	chr1	89832994	89833323	+	0.01272
Dgkd	MmuINT0048746	chr1	89833476	89834728	+	0.011624
Dgkd	MmuINT0048747	chr1	89834841	89834920	+	0.02263
Dgkd	MmuINT0048748	chr1	89835014	89835770	+	0.011612
Dgkd	MmuINT0048749	chr1	89835891	89836751	+	0.015116
Dgkd	MmuINT0048750	chr1	89836882	89837943	+	0.099047
Dgkd	MmuINT0048751	chr1	89838075	89838957	+	0.114035
Dgkd	MmuINT0048752	chr1	89778515	89811674	+	0.016251

Dgkd	MmuINT0048753	chr1	89811780	89812066	+	0.13161
Dgkd	MmuINT0048754	chr1	89812200	89812943	+	0.016327
Dgkd	MmuINT0048755	chr1	89813051	89813381	+	0.013548
Dgkd	MmuINT0048756	chr1	89813508	89814466	+	0.01326
Dgkd	MmuINT0048757	chr1	89814570	89815133	+	0.00882
Dgkd	MmuINT0048758	chr1	89815297	89818147	+	0.009142
Dgke	MmuINT0048759	chr11	88916832	88921244	-	0.022655
Dgke	MmuINT0048760	chr11	88902226	88902761	-	0.062981
Dgke	MmuINT0048761	chr11	88913861	88916671	-	0.041223
Dgke	MmuINT0048762	chr11	88912127	88913740	-	0.065184
Dgke	MmuINT0048763	chr11	88911791	88911982	-	0.081015
Dgke	MmuINT0048764	chr11	88911215	88911632	-	0.078262
Dgke	MmuINT0048765	chr11	88910317	88911162	-	0.052274
Dgke	MmuINT0048766	chr11	88905626	88910202	-	0.120455
Dgke	MmuINT0048767	chr11	88903604	88905553	-	0.051636
Dgke	MmuINT0048768	chr11	88902874	88903475	-	0.033504
Dgkg	MmuINT0048779	chr16	22548790	22556398	-	0.905776
Dgkq	MmuINT0048887	chr5	1.09E+08	1.09E+08	-	0.28079
Dgkq	MmuINT0048888	chr5	1.09E+08	1.09E+08	-	0.196013
Dgkq	MmuINT0048889	chr5	1.09E+08	1.09E+08	-	0.153948
Dgkq	MmuINT0048890	chr5	1.09E+08	1.09E+08	-	0.562791
Dgkq	MmuINT0048891	chr5	1.09E+08	1.09E+08	-	0.282964
Dgkq	MmuINT0048893	chr5	1.09E+08	1.09E+08	-	0.092708
Dgkq	MmuINT0048894	chr5	1.09E+08	1.09E+08	-	0.109944
Dgkq	MmuINT0048895	chr5	1.09E+08	1.09E+08	-	0.130646
Dgkq	MmuINT0048899	chr5	1.09E+08	1.09E+08	-	0.078993
Dgkq	MmuINT0048900	chr5	1.09E+08	1.09E+08	-	0.034396
Dgkq	MmuINT0048901	chr5	1.09E+08	1.09E+08	-	0.067529
Dgkz	MmuINT0048903	chr2	91786082	91790377	-	0.773068
Dgkz	MmuINT0048905	chr2	91785027	91803442	-	0.586075
Dgkz	MmuINT0048906	chr2	91780150	91780404	-	0.007877
Dgkz	MmuINT0048907	chr2	91779971	91780066	-	0.024309
Dgkz	MmuINT0048908	chr2	91779822	91779909	-	0.025724
Dgkz	MmuINT0048909	chr2	91779622	91779707	-	0.012663
Dgkz	MmuINT0048910	chr2	91778953	91779480	-	0.022345
Dgkz	MmuINT0048911	chr2	91778722	91778873	-	0.012441
Dgkz	MmuINT0048912	chr2	91778549	91778665	-	0.013964
Dgkz	MmuINT0048913	chr2	91778393	91778485	-	0.00586
Dgkz	MmuINT0048914	chr2	91778237	91778318	-	0.01276
Dgkz	MmuINT0048915	chr2	91777795	91778124	-	0.023031
Dgkz	MmuINT0048916	chr2	91784627	91784917	-	0.010985
Dgkz	MmuINT0048917	chr2	91777312	91777594	-	0.012484
Dgkz	MmuINT0048918	chr2	91777095	91777210	-	0.021894
Dgkz	MmuINT0048919	chr2	91776929	91777014	-	0.021663
Dgkz	MmuINT0048920	chr2	91776723	91776858	-	0.019268
Dgkz	MmuINT0048921	chr2	91776119	91776681	-	0.052058
Dgkz	MmuINT0048922	chr2	91775270	91775978	-	0.155369
Dgkz	MmuINT0048923	chr2	91775017	91775237	-	0.063982
Dgkz	MmuINT0048924	chr2	91774444	91774972	-	0.078308
Dgkz	MmuINT0048925	chr2	91774247	91774322	-	0.011137

Dgkz	MmuINT0048926	chr2	91774000	91774212	-	0.106017
Dgkz	MmuINT0048927	chr2	91784257	91784530	-	0.006294
Dgkz	MmuINT0048928	chr2	91782842	91784178	-	0.015777
Dgkz	MmuINT0048929	chr2	91782516	91782784	-	0.007405
Dgkz	MmuINT0048930	chr2	91781194	91782446	-	0.027285
Dgkz	MmuINT0048931	chr2	91781032	91781121	-	0.012778
Dgkz	MmuINT0048932	chr2	91780834	91780914	-	0.023956
Dgkz	MmuINT0048933	chr2	91780501	91780761	-	0.029289
Dguok	MmuINT0048934	chr6	83446793	83456741	-	0.004708
Dguok	MmuINT0048935	chr6	83440603	83446679	-	0.006789
Dguok	MmuINT0048936	chr6	83437126	83440414	-	0.028889
Dguok	MmuINT0048937	chr6	83431457	83436977	-	0.044453
Dguok	MmuINT0048938	chr6	83430431	83431340	-	0.43525
Dhcr7	MmuINT0048954	chr7	1.51E+08	1.51E+08	+	0.031556
Dhcr7	MmuINT0048955	chr7	1.51E+08	1.51E+08	+	0.023754
Dhcr7	MmuINT0048956	chr7	1.51E+08	1.51E+08	+	0.034993
Dhdds	MmuINT0048957	chr4	1.34E+08	1.34E+08	-	0.42937
Dhdds	MmuINT0048958	chr4	1.34E+08	1.34E+08	-	0.010421
Dhdds	MmuINT0048959	chr4	1.34E+08	1.34E+08	-	0.011883
Dhdds	MmuINT0048960	chr4	1.34E+08	1.34E+08	-	0.013111
Dhdds	MmuINT0048961	chr4	1.34E+08	1.34E+08	-	0.008665
Dhdds	MmuINT0048962	chr4	1.34E+08	1.34E+08	-	0.024417
Dhdds	MmuINT0048963	chr4	1.34E+08	1.34E+08	-	0.209653
Dhdds	MmuINT0048964	chr4	1.34E+08	1.34E+08	-	0.019777
Dhdh	MmuINT0048965	chr7	52743542	52744043	-	0.01045
Dhdh	MmuINT0048966	chr7	52742275	52743429	-	0.005304
Dhdh	MmuINT0048967	chr7	52737412	52742110	-	0.010102
Dhdh	MmuINT0048968	chr7	52734504	52737158	-	0.007174
Dhdh	MmuINT0048969	chr7	52731123	52734378	-	0.027001
Dhdh	MmuINT0048970	chr7	52730746	52730974	-	0.016331
Dhfr	MmuINT0048977	chr13	93125300	93125604	+	0.086566
Dhfr	MmuINT0048978	chr13	93125655	93127881	+	0.051291
Dhfr	MmuINT0048979	chr13	93127988	93135619	+	0.045595
Dhfr	MmuINT0048980	chr13	93135747	93138139	+	0.045228
Dhfr	MmuINT0048981	chr13	93138256	93154679	+	0.04404
Dhodh	MmuINT0048984	chr8	1.12E+08	1.12E+08	-	0.01977
Dhodh	MmuINT0048985	chr8	1.12E+08	1.12E+08	-	0.012329
Dhodh	MmuINT0048986	chr8	1.12E+08	1.12E+08	-	0.011646
Dhodh	MmuINT0048987	chr8	1.12E+08	1.12E+08	-	0.015106
Dhodh	MmuINT0048988	chr8	1.12E+08	1.12E+08	-	0.015861
Dhodh	MmuINT0048989	chr8	1.12E+08	1.12E+08	-	0.029595
Dhodh	MmuINT0048990	chr8	1.12E+08	1.12E+08	-	0.054042
Dhodh	MmuINT0048991	chr8	1.12E+08	1.12E+08	-	0.00975
Dhps	MmuINT0048992	chr8	87595953	87596350	+	0.040591
Dhps	MmuINT0048993	chr8	87596516	87597193	+	0.107869
Dhps	MmuINT0048994	chr8	87597316	87597401	+	0.028566
Dhps	MmuINT0048995	chr8	87597499	87597579	+	0.027945
Dhps	MmuINT0048996	chr8	87597667	87598110	+	0.025822
Dhps	MmuINT0048997	chr8	87598217	87598291	+	0.032723
Dhps	MmuINT0048998	chr8	87598396	87598632	+	0.028012

Dhps	MmuINT0048999	chr8	87598759	87598832	+	0.014189
Dhrs1	MmuINT0049000	chr14	56363926	56364277	-	0.004797
Dhrs1	MmuINT0049001	chr14	56362639	56363754	-	0.008799
Dhrs1	MmuINT0049002	chr14	56362371	56362494	-	0.007723
Dhrs1	MmuINT0049003	chr14	56360153	56362290	-	0.017668
Dhrs1	MmuINT0049004	chr14	56359711	56360019	-	0.009639
Dhrs1	MmuINT0049005	chr14	56358843	56359563	-	0.033503
Dhrs1	MmuINT0049006	chr14	56358470	56358772	-	0.038648
Dhrs1	MmuINT0049007	chr14	56358258	56358388	-	0.010996
Dhrs11	MmuINT0049008	chr11	84639080	84642252	-	0.016995
Dhrs11	MmuINT0049009	chr11	84636669	84638869	-	0.042028
Dhrs11	MmuINT0049010	chr11	84635943	84636573	-	0.11953
Dhrs11	MmuINT0049011	chr11	84635260	84635812	-	0.207948
Dhrs11	MmuINT0049012	chr11	84634971	84635166	-	0.059603
Dhrs11	MmuINT0049013	chr11	84634804	84634904	-	0.089277
Dhrs13	MmuINT0049015	chr11	77846206	77847514	+	0.113994
Dhrs13	MmuINT0049016	chr11	77847639	77847776	+	0.070118
Dhrs13	MmuINT0049017	chr11	77848089	77850363	+	0.076777
Dhrs3	MmuINT0049028	chr4	1.45E+08	1.45E+08	+	0.040672
Dhrs3	MmuINT0049029	chr4	1.45E+08	1.45E+08	+	0.008383
Dhrs3	MmuINT0049030	chr4	1.45E+08	1.45E+08	+	0.028798
Dhrs3	MmuINT0049031	chr4	1.45E+08	1.45E+08	+	0.015238
Dhrs4	MmuINT0049032	chr14	56106556	56106996	+	0.027267
Dhrs4	MmuINT0049033	chr14	56107053	56108655	+	0.007771
Dhrs4	MmuINT0049034	chr14	56097871	56098862	+	0.002415
Dhrs4	MmuINT0049035	chr14	56099041	56104953	+	0.005265
Dhrs4	MmuINT0049036	chr14	56105056	56105929	+	0.004829
Dhrs7	MmuINT0049037	chr12	73760484	73765615	-	0.006226
Dhrs7	MmuINT0049039	chr12	73757527	73758314	-	0.008075
Dhrs7	MmuINT0049040	chr12	73754211	73757286	-	0.003404
Dhrs7	MmuINT0049041	chr12	73753438	73754087	-	0.003791
Dhrs7	MmuINT0049042	chr12	73751605	73753221	-	0.006961
Dhrs7b	MmuINT0049044	chr11	60657846	60662602	+	0.016848
Dhrs7b	MmuINT0049045	chr11	60662707	60665243	+	0.011106
Dhrs7b	MmuINT0049046	chr11	60665461	60665920	+	0.01413
Dhrs7b	MmuINT0049047	chr11	60666014	60669201	+	0.01548
Dhrs7b	MmuINT0049048	chr11	60669355	60671219	+	0.010917
Dhrs7c	MmuINT0049049	chr11	67611906	67612121	+	0.004708
Dhrs7c	MmuINT0049050	chr11	67612282	67623284	+	0.008047
Dhrs7c	MmuINT0049051	chr11	67623398	67624956	+	0.002248
Dhrs7c	MmuINT0049052	chr11	67625168	67626166	+	0.004156
Dhrs7c	MmuINT0049053	chr11	67626260	67628495	+	0.003181
Dhrs7c	MmuINT0049054	chr11	67628652	67629246	+	0.007609
Dhx15	MmuINT0049075	chr5	52576143	52581518	-	0.004685
Dhx15	MmuINT0049076	chr5	52548817	52551468	-	0.113329
Dhx15	MmuINT0049077	chr5	52545467	52548693	-	0.006798
Dhx15	MmuINT0049078	chr5	52542018	52543048	-	0.013983
Dhx15	MmuINT0049079	chr5	52572415	52575706	-	0.005772
Dhx15	MmuINT0049080	chr5	52562823	52572220	-	0.003121
Dhx15	MmuINT0049081	chr5	52561379	52562662	-	0.00382



Dhx15	MmuINT0049082	chr5	52558108	52561159	-	0.004887
Dhx15	MmuINT0049083	chr5	52553855	52557939	-	0.004581
Dhx15	MmuINT0049084	chr5	52552976	52553767	-	0.004976
Dhx15	MmuINT0049085	chr5	52552241	52552825	-	0.005435
Dhx15	MmuINT0049086	chr5	52551661	52552131	-	0.012468
Dhx16	MmuINT0049087	chr17	36017064	36018222	+	0.016556
Dhx16	MmuINT0049088	chr17	36022651	36022828	+	0.014995
Dhx16	MmuINT0049089	chr17	36022928	36023034	+	0.021122
Dhx16	MmuINT0049090	chr17	36023188	36024343	+	0.018738
Dhx16	MmuINT0049091	chr17	36024485	36024779	+	0.170397
Dhx16	MmuINT0049092	chr17	36024943	36025028	+	0.025336
Dhx16	MmuINT0049093	chr17	36025148	36025299	+	0.015797
Dhx16	MmuINT0049094	chr17	36025368	36026142	+	0.052088
Dhx16	MmuINT0049095	chr17	36026306	36026383	+	0.061553
Dhx16	MmuINT0049096	chr17	36026546	36027859	+	0.026225
Dhx16	MmuINT0049097	chr17	36028034	36029363	+	0.026559
Dhx16	MmuINT0049098	chr17	36018468	36018574	+	0.011271
Dhx16	MmuINT0049099	chr17	36018741	36018966	+	0.015272
Dhx16	MmuINT0049100	chr17	36019024	36019386	+	0.014502
Dhx16	MmuINT0049101	chr17	36019642	36019789	+	0.006664
Dhx16	MmuINT0049102	chr17	36019994	36020077	+	0.014926
Dhx16	MmuINT0049103	chr17	36020270	36020759	+	0.010162
Dhx16	MmuINT0049104	chr17	36020871	36020964	+	0.015227
Dhx16	MmuINT0049105	chr17	36021081	36022439	+	0.011846
Dhx29	MmuINT0049106	chr13	1.14E+08	1.14E+08	+	0.037785
Dhx29	MmuINT0049107	chr13	1.14E+08	1.14E+08	+	0.014177
Dhx29	MmuINT0049108	chr13	1.14E+08	1.14E+08	+	0.011594
Dhx29	MmuINT0049109	chr13	1.14E+08	1.14E+08	+	0.01327
Dhx29	MmuINT0049110	chr13	1.14E+08	1.14E+08	+	0.013778
Dhx29	MmuINT0049111	chr13	1.14E+08	1.14E+08	+	0.014417
Dhx29	MmuINT0049112	chr13	1.14E+08	1.14E+08	+	0.016188
Dhx29	MmuINT0049113	chr13	1.14E+08	1.14E+08	+	0.02062
Dhx29	MmuINT0049114	chr13	1.14E+08	1.14E+08	+	0.020375
Dhx29	MmuINT0049115	chr13	1.14E+08	1.14E+08	+	0.032189
Dhx29	MmuINT0049116	chr13	1.14E+08	1.14E+08	+	0.037632
Dhx29	MmuINT0049117	chr13	1.14E+08	1.14E+08	+	0.026479
Dhx29	MmuINT0049118	chr13	1.14E+08	1.14E+08	+	0.021323
Dhx29	MmuINT0049119	chr13	1.14E+08	1.14E+08	+	0.022892
Dhx29	MmuINT0049120	chr13	1.14E+08	1.14E+08	+	0.012153
Dhx29	MmuINT0049121	chr13	1.14E+08	1.14E+08	+	0.021062
Dhx29	MmuINT0049122	chr13	1.14E+08	1.14E+08	+	0.013999
Dhx29	MmuINT0049123	chr13	1.14E+08	1.14E+08	+	0.031549
Dhx29	MmuINT0049124	chr13	1.14E+08	1.14E+08	+	0.021371
Dhx29	MmuINT0049125	chr13	1.14E+08	1.14E+08	+	0.016605
Dhx29	MmuINT0049126	chr13	1.14E+08	1.14E+08	+	0.015543
Dhx29	MmuINT0049127	chr13	1.14E+08	1.14E+08	+	0.010574
Dhx29	MmuINT0049128	chr13	1.14E+08	1.14E+08	+	0.032395
Dhx29	MmuINT0049129	chr13	1.14E+08	1.14E+08	+	0.016987
Dhx29	MmuINT0049130	chr13	1.14E+08	1.14E+08	+	0.014559
Dhx29	MmuINT0049131	chr13	1.14E+08	1.14E+08	+	0.01664

Dhx30	MmuINT0049132	chr9	1.1E+08	1.1E+08	-	0.081869
Dhx30	MmuINT0049133	chr9	1.1E+08	1.1E+08	-	0.009772
Dhx30	MmuINT0049134	chr9	1.1E+08	1.1E+08	-	0.027197
Dhx30	MmuINT0049135	chr9	1.1E+08	1.1E+08	-	0.0117
Dhx30	MmuINT0049136	chr9	1.1E+08	1.1E+08	-	0.028735
Dhx30	MmuINT0049137	chr9	1.1E+08	1.1E+08	-	0.018944
Dhx30	MmuINT0049138	chr9	1.1E+08	1.1E+08	-	0.03435
Dhx30	MmuINT0049139	chr9	1.1E+08	1.1E+08	-	0.123527
Dhx30	MmuINT0049140	chr9	1.1E+08	1.1E+08	-	0.013757
Dhx30	MmuINT0049141	chr9	1.1E+08	1.1E+08	-	0.070618
Dhx30	MmuINT0049142	chr9	1.1E+08	1.1E+08	-	0.012764
Dhx30	MmuINT0049144	chr9	1.1E+08	1.1E+08	-	0.034353
Dhx30	MmuINT0049145	chr9	1.1E+08	1.1E+08	-	0.019118
Dhx30	MmuINT0049148	chr9	1.1E+08	1.1E+08	-	0.007451
Dhx30	MmuINT0049149	chr9	1.1E+08	1.1E+08	-	0.021193
Dhx30	MmuINT0049150	chr9	1.1E+08	1.1E+08	-	0.008054
Dhx30	MmuINT0049151	chr9	1.1E+08	1.1E+08	-	0.007709
Dhx30	MmuINT0049152	chr9	1.1E+08	1.1E+08	-	0.01223
Dhx32	MmuINT0049153	chr7	1.41E+08	1.41E+08	-	0.023475
Dhx32	MmuINT0049154	chr7	1.41E+08	1.41E+08	-	0.005917
Dhx32	MmuINT0049155	chr7	1.41E+08	1.41E+08	-	0.014964
Dhx32	MmuINT0049156	chr7	1.41E+08	1.41E+08	-	0.424439
Dhx32	MmuINT0049157	chr7	1.41E+08	1.41E+08	-	0.19436
Dhx32	MmuINT0049158	chr7	1.41E+08	1.41E+08	-	0.007054
Dhx32	MmuINT0049159	chr7	1.41E+08	1.41E+08	-	0.009207
Dhx32	MmuINT0049160	chr7	1.41E+08	1.41E+08	-	0.012565
Dhx32	MmuINT0049161	chr7	1.41E+08	1.41E+08	-	0.015363
Dhx32	MmuINT0049162	chr7	1.41E+08	1.41E+08	-	0.01325
Dhx32	MmuINT0049163	chr7	1.41E+08	1.41E+08	-	0.009176
Dhx33	MmuINT0049164	chr11	70815182	70817618	-	0.035988
Dhx33	MmuINT0049165	chr11	70802656	70805609	-	0.058811
Dhx33	MmuINT0049166	chr11	70800930	70802568	-	0.054798
Dhx33	MmuINT0049167	chr11	70813451	70815020	-	0.03184
Dhx33	MmuINT0049168	chr11	70813043	70813222	-	0.073271
Dhx33	MmuINT0049169	chr11	70809576	70812871	-	0.041279
Dhx33	MmuINT0049170	chr11	70808753	70809389	-	0.213201
Dhx33	MmuINT0049171	chr11	70807519	70808640	-	0.167535
Dhx33	MmuINT0049172	chr11	70807201	70807358	-	0.043006
Dhx33	MmuINT0049173	chr11	70806289	70807111	-	0.055896
Dhx33	MmuINT0049174	chr11	70805814	70806160	-	0.037798
Dhx34	MmuINT0049176	chr7	16789097	16789215	-	0.074747
Dhx34	MmuINT0049177	chr7	16788639	16788922	-	0.036214
Dhx34	MmuINT0049178	chr7	16787386	16788520	-	0.146915
Dhx34	MmuINT0049179	chr7	16785309	16787278	-	0.038184
Dhx34	MmuINT0049180	chr7	16784371	16785023	-	0.030301
Dhx34	MmuINT0049181	chr7	16784051	16784193	-	0.020376
Dhx34	MmuINT0049182	chr7	16782780	16783914	-	0.024261
Dhx34	MmuINT0049184	chr7	16800828	16801567	-	0.023273
Dhx34	MmuINT0049185	chr7	16799794	16800572	-	0.043458
Dhx34	MmuINT0049186	chr7	16798376	16799690	-	0.025353

Dhx34	MmuINT0049190	chr7	16789453	16790745	-	0.069032
Dhx35	MmuINT0049191	chr2	1.59E+08	1.59E+08	+	0.019452
Dhx35	MmuINT0049192	chr2	1.59E+08	1.59E+08	+	0.019066
Dhx35	MmuINT0049193	chr2	1.59E+08	1.59E+08	+	0.015186
Dhx35	MmuINT0049194	chr2	1.59E+08	1.59E+08	+	0.015388
Dhx35	MmuINT0049195	chr2	1.59E+08	1.59E+08	+	0.138663
Dhx35	MmuINT0049196	chr2	1.59E+08	1.59E+08	+	0.018052
Dhx35	MmuINT0049197	chr2	1.59E+08	1.59E+08	+	0.018697
Dhx35	MmuINT0049198	chr2	1.59E+08	1.59E+08	+	0.020045
Dhx35	MmuINT0049199	chr2	1.59E+08	1.59E+08	+	0.021179
Dhx35	MmuINT0049200	chr2	1.59E+08	1.59E+08	+	0.032155
Dhx35	MmuINT0049202	chr2	1.59E+08	1.59E+08	+	0.015524
Dhx35	MmuINT0049203	chr2	1.59E+08	1.59E+08	+	0.051972
Dhx35	MmuINT0049204	chr2	1.59E+08	1.59E+08	+	0.021794
Dhx35	MmuINT0049205	chr2	1.59E+08	1.59E+08	+	0.045737
Dhx35	MmuINT0049206	chr2	1.59E+08	1.59E+08	+	0.022354
Dhx35	MmuINT0049209	chr2	1.59E+08	1.59E+08	+	0.023735
Dhx35	MmuINT0049210	chr2	1.59E+08	1.59E+08	+	0.057921
Dhx36	MmuINT0049211	chr3	62306021	62310639	-	0.013599
Dhx36	MmuINT0049212	chr3	62292570	62292819	-	0.013446
Dhx36	MmuINT0049213	chr3	62292140	62292466	-	0.013062
Dhx36	MmuINT0049215	chr3	62288942	62290931	-	0.015379
Dhx36	MmuINT0049216	chr3	62288197	62288876	-	0.017113
Dhx36	MmuINT0049218	chr3	62283341	62284723	-	0.012051
Dhx36	MmuINT0049219	chr3	62281602	62283241	-	0.016326
Dhx36	MmuINT0049220	chr3	62281292	62281427	-	0.008837
Dhx36	MmuINT0049221	chr3	62279276	62281204	-	0.007334
Dhx36	MmuINT0049222	chr3	62304991	62305895	-	0.008467
Dhx36	MmuINT0049223	chr3	62276952	62279191	-	0.020268
Dhx36	MmuINT0049224	chr3	62276741	62276851	-	0.009535
Dhx36	MmuINT0049225	chr3	62276042	62276649	-	0.02214
Dhx36	MmuINT0049226	chr3	62275397	62275920	-	0.007795
Dhx36	MmuINT0049227	chr3	62274670	62275243	-	0.011216
Dhx36	MmuINT0049228	chr3	62302051	62304755	-	0.014143
Dhx36	MmuINT0049229	chr3	62300822	62302011	-	0.014872
Dhx36	MmuINT0049230	chr3	62299460	62300650	-	0.009812
Dhx36	MmuINT0049231	chr3	62298341	62299379	-	0.015749
Dhx36	MmuINT0049232	chr3	62297819	62298265	-	0.012294
Dhx36	MmuINT0049233	chr3	62296355	62297651	-	0.011613
Dhx36	MmuINT0049234	chr3	62292961	62296272	-	0.009536
Dhx37	MmuINT0049235	chr5	1.26E+08	1.26E+08	-	0.014631
Dhx37	MmuINT0049236	chr5	1.26E+08	1.26E+08	-	0.025108
Dhx37	MmuINT0049237	chr5	1.26E+08	1.26E+08	-	0.023832
Dhx37	MmuINT0049238	chr5	1.26E+08	1.26E+08	-	0.041496
Dhx37	MmuINT0049239	chr5	1.26E+08	1.26E+08	-	0.025422
Dhx37	MmuINT0049240	chr5	1.26E+08	1.26E+08	-	0.019921
Dhx37	MmuINT0049241	chr5	1.26E+08	1.26E+08	-	0.013446
Dhx37	MmuINT0049242	chr5	1.26E+08	1.26E+08	-	0.04608
Dhx37	MmuINT0049243	chr5	1.26E+08	1.26E+08	-	0.018159
Dhx37	MmuINT0049244	chr5	1.26E+08	1.26E+08	-	0.038706

Dhx37	MmuINT0049245	chr5	1.26E+08	1.26E+08	-	0.018576
Dhx37	MmuINT0049246	chr5	1.26E+08	1.26E+08	-	0.015106
Dhx37	MmuINT0049247	chr5	1.26E+08	1.26E+08	-	0.012796
Dhx37	MmuINT0049248	chr5	1.26E+08	1.26E+08	-	0.016249
Dhx37	MmuINT0049249	chr5	1.26E+08	1.26E+08	-	0.015817
Dhx37	MmuINT0049250	chr5	1.26E+08	1.26E+08	-	0.048157
Dhx37	MmuINT0049251	chr5	1.26E+08	1.26E+08	-	0.023877
Dhx37	MmuINT0049252	chr5	1.26E+08	1.26E+08	-	0.035206
Dhx37	MmuINT0049253	chr5	1.26E+08	1.26E+08	-	0.024202
Dhx37	MmuINT0049254	chr5	1.26E+08	1.26E+08	-	0.019293
Dhx37	MmuINT0049255	chr5	1.26E+08	1.26E+08	-	0.016843
Dhx37	MmuINT0049256	chr5	1.26E+08	1.26E+08	-	0.022684
Dhx37	MmuINT0049257	chr5	1.26E+08	1.26E+08	-	0.021895
Dhx37	MmuINT0049258	chr5	1.26E+08	1.26E+08	-	0.022488
Dhx37	MmuINT0049259	chr5	1.26E+08	1.26E+08	-	0.042416
Dhx37	MmuINT0049260	chr5	1.26E+08	1.26E+08	-	0.019779
Dhx38	MmuINT0049261	chr8	1.12E+08	1.12E+08	-	0.036397
Dhx38	MmuINT0049262	chr8	1.12E+08	1.12E+08	-	0.042793
Dhx38	MmuINT0049263	chr8	1.12E+08	1.12E+08	-	0.012769
Dhx38	MmuINT0049264	chr8	1.12E+08	1.12E+08	-	0.011766
Dhx38	MmuINT0049265	chr8	1.12E+08	1.12E+08	-	0.036611
Dhx38	MmuINT0049266	chr8	1.12E+08	1.12E+08	-	0.024887
Dhx38	MmuINT0049267	chr8	1.12E+08	1.12E+08	-	0.026193
Dhx38	MmuINT0049268	chr8	1.12E+08	1.12E+08	-	0.019597
Dhx38	MmuINT0049269	chr8	1.12E+08	1.12E+08	-	0.028516
Dhx38	MmuINT0049270	chr8	1.12E+08	1.12E+08	-	0.026686
Dhx38	MmuINT0049271	chr8	1.12E+08	1.12E+08	-	0.035871
Dhx38	MmuINT0049272	chr8	1.12E+08	1.12E+08	-	0.017557
Dhx38	MmuINT0049273	chr8	1.12E+08	1.12E+08	-	0.016784
Dhx38	MmuINT0049274	chr8	1.12E+08	1.12E+08	-	0.013259
Dhx38	MmuINT0049275	chr8	1.12E+08	1.12E+08	-	0.025794
Dhx38	MmuINT0049276	chr8	1.12E+08	1.12E+08	-	0.022243
Dhx38	MmuINT0049277	chr8	1.12E+08	1.12E+08	-	0.026002
Dhx38	MmuINT0049278	chr8	1.12E+08	1.12E+08	-	0.075592
Dhx38	MmuINT0049279	chr8	1.12E+08	1.12E+08	-	0.074819
Dhx38	MmuINT0049280	chr8	1.12E+08	1.12E+08	-	0.045604
Dhx38	MmuINT0049281	chr8	1.12E+08	1.12E+08	-	0.026042
Dhx38	MmuINT0049282	chr8	1.12E+08	1.12E+08	-	0.031401
Dhx38	MmuINT0049283	chr8	1.12E+08	1.12E+08	-	0.019297
Dhx38	MmuINT0049284	chr8	1.12E+08	1.12E+08	-	0.025566
Dhx38	MmuINT0049285	chr8	1.12E+08	1.12E+08	-	0.018459
Dhx38	MmuINT0049286	chr8	1.12E+08	1.12E+08	-	0.017414
Dhx40	MmuINT0049287	chr11	86620130	86620939	-	0.026985
Dhx40	MmuINT0049288	chr11	86599340	86602668	-	0.016388
Dhx40	MmuINT0049289	chr11	86598539	86599258	-	0.013088
Dhx40	MmuINT0049290	chr11	86590232	86598380	-	0.013953
Dhx40	MmuINT0049291	chr11	86589271	86590116	-	0.042272
Dhx40	MmuINT0049292	chr11	86587401	86589161	-	0.016305
Dhx40	MmuINT0049293	chr11	86585466	86587305	-	0.048192
Dhx40	MmuINT0049295	chr11	86583764	86584531	-	0.007916

Dhx40	MmuINT0049296	chr11	86617905	86619961	-	0.016152
Dhx40	MmuINT0049297	chr11	86614591	86617758	-	0.014068
Dhx40	MmuINT0049298	chr11	86613150	86614470	-	0.012653
Dhx40	MmuINT0049299	chr11	86612491	86612921	-	0.014055
Dhx40	MmuINT0049300	chr11	86611257	86612423	-	0.026219
Dhx40	MmuINT0049301	chr11	86606764	86611124	-	0.025809
Dhx40	MmuINT0049302	chr11	86603075	86606663	-	0.015383
Dhx40	MmuINT0049303	chr11	86602852	86602987	-	0.017779
Dhx57	MmuINT0049307	chr17	80659771	80663287	-	0.03916
Dhx57	MmuINT0049308	chr17	80657531	80659561	-	0.06956
Dhx57	MmuINT0049309	chr17	80654989	80657413	-	0.045709
Dhx57	MmuINT0049310	chr17	80653779	80654891	-	0.051927
Dhx57	MmuINT0049311	chr17	80652628	80653604	-	0.071866
Dhx57	MmuINT0049312	chr17	80650849	80652426	-	0.253869
Dhx57	MmuINT0049313	chr17	80649456	80650571	-	0.098775
Dhx57	MmuINT0049314	chr17	80649277	80649359	-	0.040804
Dhx57	MmuINT0049315	chr17	80647746	80649192	-	0.037677
Dhx57	MmuINT0049316	chr17	80646524	80647610	-	0.034851
Dhx57	MmuINT0049318	chr17	80645150	80646448	-	0.026148
Dhx57	MmuINT0049319	chr17	80641493	80645014	-	0.042243
Dhx57	MmuINT0049320	chr17	80638271	80641291	-	0.086138
Dhx57	MmuINT0049322	chr17	80672451	80674103	-	0.343311
Dhx57	MmuINT0049323	chr17	80669829	80672271	-	0.100448
Dhx57	MmuINT0049324	chr17	80668288	80669706	-	0.067127
Dhx57	MmuINT0049325	chr17	80666980	80668091	-	0.053757
Dhx57	MmuINT0049326	chr17	80664550	80666854	-	0.05906
Dhx57	MmuINT0049327	chr17	80663343	80664415	-	0.172398
Dhx58	MmuINT0049329	chr11	1.01E+08	1.01E+08	-	0.120341
Dhx58	MmuINT0049337	chr11	1.01E+08	1.01E+08	-	0.059899
Dhx58	MmuINT0049338	chr11	1.01E+08	1.01E+08	-	0.226089
Dhx8	MmuINT0049340	chr11	1.02E+08	1.02E+08	+	0.029572
Dhx8	MmuINT0049341	chr11	1.02E+08	1.02E+08	+	0.024724
Dhx8	MmuINT0049342	chr11	1.02E+08	1.02E+08	+	0.024041
Dhx8	MmuINT0049343	chr11	1.02E+08	1.02E+08	+	0.014235
Dhx8	MmuINT0049344	chr11	1.02E+08	1.02E+08	+	0.0196
Dhx8	MmuINT0049345	chr11	1.02E+08	1.02E+08	+	0.014013
Dhx8	MmuINT0049346	chr11	1.02E+08	1.02E+08	+	0.021216
Dhx8	MmuINT0049347	chr11	1.02E+08	1.02E+08	+	0.015148
Dhx8	MmuINT0049348	chr11	1.02E+08	1.02E+08	+	0.025792
Dhx8	MmuINT0049349	chr11	1.02E+08	1.02E+08	+	0.018447
Dhx8	MmuINT0049350	chr11	1.02E+08	1.02E+08	+	0.052313
Dhx8	MmuINT0049351	chr11	1.02E+08	1.02E+08	+	0.038879
Dhx8	MmuINT0049352	chr11	1.02E+08	1.02E+08	+	0.015247
Dhx8	MmuINT0049353	chr11	1.02E+08	1.02E+08	+	0.01782
Dhx8	MmuINT0049354	chr11	1.02E+08	1.02E+08	+	0.015107
Dhx8	MmuINT0049355	chr11	1.02E+08	1.02E+08	+	0.02788
Dhx8	MmuINT0049356	chr11	1.02E+08	1.02E+08	+	0.024366
Dhx8	MmuINT0049357	chr11	1.02E+08	1.02E+08	+	0.018092
Dhx8	MmuINT0049358	chr11	1.02E+08	1.02E+08	+	0.022411
Dhx8	MmuINT0049359	chr11	1.02E+08	1.02E+08	+	0.011824

Dhx8	MmuINT0049360	chr11	1.02E+08	1.02E+08	+	0.026694
Dhx8	MmuINT0049361	chr11	1.02E+08	1.02E+08	+	0.021638
Dhx9	MmuINT0049362	chr1	1.55E+08	1.55E+08	-	0.005849
Dhx9	MmuINT0049363	chr1	1.55E+08	1.55E+08	-	0.007908
Dhx9	MmuINT0049364	chr1	1.55E+08	1.55E+08	-	0.01012
Dhx9	MmuINT0049365	chr1	1.55E+08	1.55E+08	-	0.006137
Dhx9	MmuINT0049366	chr1	1.55E+08	1.55E+08	-	0.007788
Dhx9	MmuINT0049367	chr1	1.55E+08	1.55E+08	-	0.009335
Dhx9	MmuINT0049368	chr1	1.55E+08	1.55E+08	-	0.006658
Dhx9	MmuINT0049369	chr1	1.55E+08	1.55E+08	-	0.005089
Dhx9	MmuINT0049370	chr1	1.55E+08	1.55E+08	-	0.020606
Dhx9	MmuINT0049371	chr1	1.55E+08	1.55E+08	-	0.00874
Dhx9	MmuINT0049372	chr1	1.55E+08	1.55E+08	-	0.008006
Dhx9	MmuINT0049374	chr1	1.55E+08	1.55E+08	-	0.008949
Dhx9	MmuINT0049375	chr1	1.55E+08	1.55E+08	-	0.01175
Dhx9	MmuINT0049376	chr1	1.55E+08	1.55E+08	-	0.008303
Dhx9	MmuINT0049377	chr1	1.55E+08	1.55E+08	-	0.007472
Dhx9	MmuINT0049378	chr1	1.55E+08	1.55E+08	-	0.004793
Dhx9	MmuINT0049379	chr1	1.55E+08	1.55E+08	-	0.013894
Dhx9	MmuINT0049380	chr1	1.55E+08	1.55E+08	-	0.012682
Dhx9	MmuINT0049381	chr1	1.55E+08	1.55E+08	-	0.022391
Dhx9	MmuINT0049382	chr1	1.55E+08	1.55E+08	-	0.00584
Dhx9	MmuINT0049384	chr1	1.55E+08	1.55E+08	-	0.006674
Dhx9	MmuINT0049385	chr1	1.55E+08	1.55E+08	-	0.008507
Dhx9	MmuINT0049386	chr1	1.55E+08	1.55E+08	-	0.008053
Dhx9	MmuINT0049387	chr1	1.55E+08	1.55E+08	-	0.011993
Dhx9	MmuINT0049388	chr1	1.55E+08	1.55E+08	-	0.007484
Diablo	MmuINT0049389	chr5	1.24E+08	1.24E+08	-	0.039448
Diablo	MmuINT0049390	chr5	1.24E+08	1.24E+08	-	0.003644
Diablo	MmuINT0049391	chr5	1.24E+08	1.24E+08	-	0.00283
Diablo	MmuINT0049392	chr5	1.24E+08	1.24E+08	-	0.018029
Diablo	MmuINT0049393	chr5	1.24E+08	1.24E+08	-	0.017485
Diap1	MmuINT0049395	chr18	38054953	38055748	-	0.022003
Diap1	MmuINT0049396	chr18	38053864	38054835	-	0.024311
Diap1	MmuINT0049397	chr18	38053069	38053747	-	0.017678
Diap1	MmuINT0049398	chr18	38051627	38053003	-	0.017821
Diap1	MmuINT0049399	chr18	38050824	38051446	-	0.030173
Diap1	MmuINT0049400	chr18	38049467	38050130	-	0.016324
Diap1	MmuINT0049403	chr18	38016202	38020068	-	0.01748
Diap1	MmuINT0049404	chr18	38015930	38016106	-	0.015941
Diap1	MmuINT0049405	chr18	38063512	38064657	-	0.017634
Diap1	MmuINT0049406	chr18	38015607	38015827	-	0.014476
Diap1	MmuINT0049407	chr18	38015258	38015366	-	0.009938
Diap1	MmuINT0049408	chr18	38014259	38015127	-	0.012859
Diap1	MmuINT0049409	chr18	38013363	38014133	-	0.013518
Diap1	MmuINT0049410	chr18	38013093	38013197	-	0.007951
Diap1	MmuINT0049411	chr18	38011292	38012956	-	0.010569
Diap1	MmuINT0049412	chr18	38005153	38011204	-	0.040404
Diap1	MmuINT0049413	chr18	38063112	38063409	-	0.017905
Diap1	MmuINT0049414	chr18	38062805	38062980	-	0.01775

Diap1	MmuINT0049415	chr18	38061803	38062717	-	0.027696
Diap1	MmuINT0049416	chr18	38060439	38061738	-	0.021388
Diap1	MmuINT0049417	chr18	38057257	38060298	-	0.017214
Diap1	MmuINT0049418	chr18	38056126	38057147	-	0.020734
Diap1	MmuINT0049419	chr18	38055868	38056014	-	0.01651
Diap2	MmuINT0049421	chrX	1.26E+08	1.26E+08	+	0.034496
Diap2	MmuINT0049423	chrX	1.26E+08	1.26E+08	+	0.049856
Diap2	MmuINT0049424	chrX	1.26E+08	1.26E+08	+	0.057338
Diap2	MmuINT0049425	chrX	1.26E+08	1.27E+08	+	0.044903
Diap2	MmuINT0049426	chrX	1.27E+08	1.27E+08	+	0.046826
Diap2	MmuINT0049427	chrX	1.27E+08	1.27E+08	+	0.038524
Diap2	MmuINT0049428	chrX	1.27E+08	1.27E+08	+	0.053495
Diap2	MmuINT0049429	chrX	1.27E+08	1.27E+08	+	0.044171
Diap2	MmuINT0049430	chrX	1.27E+08	1.27E+08	+	0.038813
Diap2	MmuINT0049432	chrX	1.27E+08	1.27E+08	+	0.029653
Diap2	MmuINT0049433	chrX	1.27E+08	1.27E+08	+	0.044497
Diap2	MmuINT0049434	chrX	1.27E+08	1.27E+08	+	0.03772
Diap2	MmuINT0049435	chrX	1.27E+08	1.27E+08	+	0.101168
Diap2	MmuINT0049436	chrX	1.27E+08	1.27E+08	+	0.030222
Diap2	MmuINT0049437	chrX	1.27E+08	1.27E+08	+	0.038424
Diap2	MmuINT0049438	chrX	1.27E+08	1.27E+08	+	0.027771
Diap2	MmuINT0049439	chrX	1.26E+08	1.26E+08	+	0.036774
Diap2	MmuINT0049441	chrX	1.26E+08	1.26E+08	+	0.027665
Diap2	MmuINT0049442	chrX	1.26E+08	1.26E+08	+	0.042571
Diap2	MmuINT0049443	chrX	1.26E+08	1.26E+08	+	0.042481
Diap2	MmuINT0049444	chrX	1.26E+08	1.26E+08	+	0.047836
Dicer1	MmuINT0049474	chr12	1.06E+08	1.06E+08	-	0.019534
Dicer1	MmuINT0049475	chr12	1.06E+08	1.06E+08	-	0.021744
Dicer1	MmuINT0049476	chr12	1.06E+08	1.06E+08	-	0.024843
Dicer1	MmuINT0049477	chr12	1.06E+08	1.06E+08	-	0.016653
Dicer1	MmuINT0049478	chr12	1.06E+08	1.06E+08	-	0.022688
Dicer1	MmuINT0049479	chr12	1.06E+08	1.06E+08	-	0.018848
Dicer1	MmuINT0049480	chr12	1.06E+08	1.06E+08	-	0.026621
Dicer1	MmuINT0049481	chr12	1.06E+08	1.06E+08	-	0.02625
Dicer1	MmuINT0049482	chr12	1.06E+08	1.06E+08	-	0.042696
Dicer1	MmuINT0049483	chr12	1.06E+08	1.06E+08	-	0.027881
Dicer1	MmuINT0049485	chr12	1.06E+08	1.06E+08	-	0.019421
Dicer1	MmuINT0049486	chr12	1.06E+08	1.06E+08	-	0.027863
Dicer1	MmuINT0049487	chr12	1.06E+08	1.06E+08	-	0.01108
Dicer1	MmuINT0049488	chr12	1.06E+08	1.06E+08	-	0.010745
Dicer1	MmuINT0049489	chr12	1.06E+08	1.06E+08	-	0.044641
Dicer1	MmuINT0049490	chr12	1.06E+08	1.06E+08	-	0.022548
Dicer1	MmuINT0049491	chr12	1.06E+08	1.06E+08	-	0.019524
Dicer1	MmuINT0049492	chr12	1.06E+08	1.06E+08	-	0.020578
Dicer1	MmuINT0049493	chr12	1.06E+08	1.06E+08	-	0.042914
Dicer1	MmuINT0049494	chr12	1.06E+08	1.06E+08	-	0.02855
Dicer1	MmuINT0049495	chr12	1.06E+08	1.06E+08	-	0.062457
Dicer1	MmuINT0049496	chr12	1.06E+08	1.06E+08	-	0.021252
Dicer1	MmuINT0049497	chr12	1.06E+08	1.06E+08	-	0.014811
Dicer1	MmuINT0049498	chr12	1.06E+08	1.06E+08	-	0.016926

Dido1	MmuINT0049499	chr2	1.8E+08	1.8E+08	-	0.051294
Dido1	MmuINT0049500	chr2	1.8E+08	1.8E+08	-	0.03422
Dido1	MmuINT0049501	chr2	1.8E+08	1.8E+08	-	0.02129
Dido1	MmuINT0049502	chr2	1.8E+08	1.8E+08	-	0.012567
Dido1	MmuINT0049503	chr2	1.8E+08	1.8E+08	-	0.033445
Dido1	MmuINT0049504	chr2	1.8E+08	1.8E+08	-	0.028678
Dido1	MmuINT0049505	chr2	1.8E+08	1.8E+08	-	0.017072
Dido1	MmuINT0049506	chr2	1.8E+08	1.8E+08	-	0.01107
Dido1	MmuINT0049507	chr2	1.8E+08	1.8E+08	-	0.038408
Dido1	MmuINT0049508	chr2	1.8E+08	1.8E+08	-	0.035666
Dido1	MmuINT0049509	chr2	1.8E+08	1.8E+08	-	0.026129
Dido1	MmuINT0049510	chr2	1.8E+08	1.8E+08	-	0.034987
Dido1	MmuINT0049511	chr2	1.8E+08	1.8E+08	-	0.022704
Dimt1	MmuINT0049513	chr13	1.08E+08	1.08E+08	+	0.011094
Dip2a	MmuINT0049532	chr10	75761539	75762647	-	0.066929
Dip2a	MmuINT0049534	chr10	75760603	75760997	-	0.047668
Dip2a	MmuINT0049537	chr10	75757359	75758811	-	0.056895
Dip2a	MmuINT0049538	chr10	75755172	75757238	-	0.044377
Dip2a	MmuINT0049539	chr10	75753893	75755056	-	0.052127
Dip2a	MmuINT0049540	chr10	75750195	75753752	-	0.035582
Dip2a	MmuINT0049541	chr10	75749188	75750057	-	0.068337
Dip2a	MmuINT0049543	chr10	75748399	75749106	-	0.116493
Dip2a	MmuINT0049544	chr10	75745373	75748270	-	0.042147
Dip2a	MmuINT0049545	chr10	75743623	75745257	-	0.048889
Dip2a	MmuINT0049546	chr10	75742712	75743420	-	0.038083
Dip2a	MmuINT0049549	chr10	75739451	75741232	-	0.052573
Dip2a	MmuINT0049550	chr10	75739186	75739328	-	0.0398
Dip2a	MmuINT0049551	chr10	75737844	75739073	-	0.036523
Dip2a	MmuINT0049552	chr10	75737025	75737733	-	0.060041
Dip2a	MmuINT0049555	chr10	75735449	75735779	-	0.034725
Dip2a	MmuINT0049556	chr10	75733203	75735277	-	0.119764
Dip2a	MmuINT0049557	chr10	75732907	75733140	-	0.041968
Dip2a	MmuINT0049558	chr10	75731312	75732848	-	0.081627
Dip2a	MmuINT0049559	chr10	75729237	75731236	-	0.085838
Dip2a	MmuINT0049560	chr10	75728367	75729061	-	0.020826
Dip2a	MmuINT0049561	chr10	75727619	75728242	-	0.054132
Dip2a	MmuINT0049564	chr10	75769938	75775920	-	0.05172
Dip2a	MmuINT0049565	chr10	75767959	75769817	-	0.0505
Dip2a	MmuINT0049567	chr10	75762759	75764948	-	0.052174
Dip2b	MmuINT0049569	chr15	99990984	99992408	+	0.039391
Dip2b	MmuINT0049570	chr15	99992533	99993109	+	0.047472
Dip2b	MmuINT0049571	chr15	99993220	99998286	+	0.041189
Dip2b	MmuINT0049572	chr15	99998390	99999697	+	0.067859
Dip2b	MmuINT0049573	chr15	99999763	1E+08	+	0.042626
Dip2b	MmuINT0049574	chr15	1E+08	1E+08	+	0.038066
Dip2b	MmuINT0049575	chr15	1E+08	1E+08	+	0.027415
Dip2b	MmuINT0049576	chr15	1E+08	1E+08	+	0.033121
Dip2b	MmuINT0049577	chr15	1E+08	1E+08	+	0.02816
Dip2b	MmuINT0049578	chr15	1E+08	1E+08	+	0.051242
Dip2b	MmuINT0049579	chr15	99946348	99962332	+	0.053574



Dip2b	MmuINT0049580	chr15	1E+08	1E+08	+	0.03619
Dip2b	MmuINT0049581	chr15	1E+08	1E+08	+	0.061593
Dip2b	MmuINT0049582	chr15	1E+08	1E+08	+	0.024814
Dip2b	MmuINT0049583	chr15	1E+08	1E+08	+	0.03216
Dip2b	MmuINT0049584	chr15	1E+08	1E+08	+	0.037983
Dip2b	MmuINT0049585	chr15	1E+08	1E+08	+	0.040195
Dip2b	MmuINT0049586	chr15	1E+08	1E+08	+	0.056436
Dip2b	MmuINT0049587	chr15	1E+08	1E+08	+	0.056526
Dip2b	MmuINT0049588	chr15	1E+08	1E+08	+	0.039368
Dip2b	MmuINT0049589	chr15	1E+08	1E+08	+	0.174516
Dip2b	MmuINT0049590	chr15	99962459	99972452	+	0.031023
Dip2b	MmuINT0049591	chr15	1E+08	1E+08	+	0.029029
Dip2b	MmuINT0049592	chr15	1E+08	1E+08	+	0.020553
Dip2b	MmuINT0049593	chr15	1E+08	1E+08	+	0.012661
Dip2b	MmuINT0049594	chr15	1E+08	1E+08	+	0.03616
Dip2b	MmuINT0049595	chr15	1E+08	1E+08	+	0.02621
Dip2b	MmuINT0049596	chr15	1E+08	1E+08	+	0.013862
Dip2b	MmuINT0049597	chr15	1E+08	1E+08	+	0.017138
Dip2b	MmuINT0049598	chr15	1E+08	1E+08	+	0.017442
Dip2b	MmuINT0049599	chr15	99972579	99981581	+	0.04168
Dip2b	MmuINT0049600	chr15	99981795	99984587	+	0.039187
Dip2b	MmuINT0049601	chr15	99984738	99985464	+	0.03166
Dip2b	MmuINT0049603	chr15	99987799	99988307	+	0.034318
Dip2b	MmuINT0049604	chr15	99988400	99990872	+	0.041028
Dip2c	MmuINT0049607	chr13	9562471	9567076	+	0.010202
Dip2c	MmuINT0049608	chr13	9567201	9567546	+	0.00924
Dip2c	MmuINT0049609	chr13	9567657	9567836	+	0.012994
Dip2c	MmuINT0049611	chr13	9570361	9574379	+	0.020397
Dip2c	MmuINT0049612	chr13	9574474	9574607	+	0.012058
Dip2c	MmuINT0049613	chr13	9574728	9576049	+	0.011863
Dip2c	MmuINT0049618	chr13	9600743	9603734	+	0.0085
Dip2c	MmuINT0049619	chr13	9603872	9605568	+	0.006687
Dip2c	MmuINT0049620	chr13	9605778	9608189	+	0.01054
Dip2c	MmuINT0049621	chr13	9608305	9609942	+	0.009141
Dip2c	MmuINT0049622	chr13	9610145	9613592	+	0.007757
Dip2c	MmuINT0049623	chr13	9613703	9614990	+	0.128271
Dip2c	MmuINT0049624	chr13	9615072	9621124	+	0.016325
Dip2c	MmuINT0049625	chr13	9621249	9621827	+	0.010319
Dip2c	MmuINT0049626	chr13	9621950	9623002	+	0.012916
Dip2c	MmuINT0049627	chr13	9623115	9623203	+	0.008914
Dip2c	MmuINT0049628	chr13	9505936	9532497	+	0.0122
Dip2c	MmuINT0049629	chr13	9623314	9627218	+	0.008923
Dip2c	MmuINT0049630	chr13	9627350	9633967	+	0.005592
Dip2c	MmuINT0049631	chr13	9634137	9636340	+	0.006634
Dip2c	MmuINT0049632	chr13	9636512	9646224	+	0.012694
Dip2c	MmuINT0049633	chr13	9646287	9653848	+	0.016765
Dip2c	MmuINT0049634	chr13	9653907	9655882	+	0.018636
Dip2c	MmuINT0049635	chr13	9655958	9658490	+	0.009546
Dip2c	MmuINT0049636	chr13	9658666	9661382	+	0.00802
Dip2c	MmuINT0049637	chr13	9661507	9665023	+	0.014517

Dip2c	MmuINT0049638	chr13	9532624	9535901	+	0.009398
Dip2c	MmuINT0049639	chr13	9536112	9549429	+	0.009161
Dip2c	MmuINT0049640	chr13	9549565	9550991	+	0.008185
Dip2c	MmuINT0049641	chr13	9551112	9552519	+	0.009593
Dip2c	MmuINT0049642	chr13	9552718	9559916	+	0.019356
Dip2c	MmuINT0049643	chr13	9560009	9562359	+	0.010462
Dirc2	MmuINT0049646	chr16	35750676	35768984	-	0.014572
Dirc2	MmuINT0049647	chr16	35735738	35750581	-	0.004074
Dirc2	MmuINT0049648	chr16	35734153	35735471	-	0.011565
Dirc2	MmuINT0049649	chr16	35730481	35734022	-	0.007025
Dirc2	MmuINT0049650	chr16	35722907	35730371	-	0.004513
Dirc2	MmuINT0049651	chr16	35719526	35722838	-	0.004662
Dirc2	MmuINT0049652	chr16	35705023	35719397	-	0.004986
Dirc2	MmuINT0049653	chr16	35698107	35704839	-	0.010685
Dis3	MmuINT0049654	chr14	99486710	99486952	-	0.032942
Dis3	MmuINT0049655	chr14	99485331	99486607	-	0.024359
Dis3	MmuINT0049656	chr14	99485178	99485265	-	0.037032
Dis3	MmuINT0049657	chr14	99483374	99485092	-	0.024828
Dis3	MmuINT0049658	chr14	99481956	99483245	-	0.03127
Dis3	MmuINT0049659	chr14	99480602	99481868	-	0.032793
Dis3	MmuINT0049660	chr14	99479099	99480444	-	0.024332
Dis3	MmuINT0049661	chr14	99478776	99478883	-	0.0219
Dis3	MmuINT0049662	chr14	99478506	99478606	-	0.02558
Dis3	MmuINT0049663	chr14	99477604	99478346	-	0.179494
Dis3	MmuINT0049664	chr14	99496998	99497901	-	0.023635
Dis3	MmuINT0049665	chr14	99476685	99477480	-	0.076774
Dis3	MmuINT0049666	chr14	99496050	99496803	-	0.041687
Dis3	MmuINT0049667	chr14	99494560	99495975	-	0.023043
Dis3	MmuINT0049668	chr14	99490712	99494391	-	0.01964
Dis3	MmuINT0049669	chr14	99489298	99490546	-	0.02297
Dis3	MmuINT0049670	chr14	99488975	99489183	-	0.028439
Dis3	MmuINT0049671	chr14	99488128	99488836	-	0.027342
Dis3	MmuINT0049672	chr14	99487070	99487980	-	0.022014
Dis3l	MmuINT0049676	chr9	64161834	64162359	-	0.012665
Dis3l	MmuINT0049677	chr9	64159787	64161740	-	0.009618
Dis3l	MmuINT0049678	chr9	64158404	64159252	-	0.009213
Dis3l	MmuINT0049679	chr9	64158153	64158248	-	0.00791
Dis3l	MmuINT0049680	chr9	64156233	64157973	-	0.014365
Dis3l	MmuINT0049681	chr9	64155412	64156086	-	0.027121
Dis3l	MmuINT0049682	chr9	64155156	64155236	-	0.032752
Dis3l	MmuINT0049683	chr9	64178723	64187285	-	0.056566
Dis3l	MmuINT0049684	chr9	64177376	64178593	-	0.007687
Dis3l	MmuINT0049685	chr9	64173692	64177239	-	0.010684
Dis3l	MmuINT0049686	chr9	64172508	64173514	-	0.008721
Dis3l	MmuINT0049687	chr9	64170389	64172428	-	0.008322
Dis3l	MmuINT0049688	chr9	64167060	64170208	-	0.007169
Dis3l	MmuINT0049689	chr9	64165657	64166889	-	0.00652
Dis3l	MmuINT0049690	chr9	64162608	64165494	-	0.009877
Dis3l2	MmuINT0049693	chr1	88600447	88641255	+	0.047054
Dis3l2	MmuINT0049694	chr1	88827409	88856317	+	0.03243

Dis3l2	MmuINT0049695	chr1	88856431	88869974	+	0.026161
Dis3l2	MmuINT0049696	chr1	88870083	88886666	+	0.016545
Dis3l2	MmuINT0049697	chr1	88886901	88917612	+	0.024844
Dis3l2	MmuINT0049698	chr1	88917693	88940591	+	0.029959
Dis3l2	MmuINT0049699	chr1	88940776	88941404	+	0.025381
Dis3l2	MmuINT0049700	chr1	88941492	88943611	+	0.02474
Dis3l2	MmuINT0049701	chr1	88943760	88944022	+	0.018802
Dis3l2	MmuINT0049702	chr1	88944154	88944262	+	0.032607
Dis3l2	MmuINT0049703	chr1	88944368	88945407	+	0.018199
Dis3l2	MmuINT0049704	chr1	88641404	88641915	+	0.017759
Dis3l2	MmuINT0049705	chr1	88945510	88946197	+	0.020783
Dis3l2	MmuINT0049706	chr1	88642074	88650801	+	0.032263
Dis3l2	MmuINT0049707	chr1	88650856	88656862	+	0.029878
Dis3l2	MmuINT0049709	chr1	88718026	88750934	+	0.032655
Dis3l2	MmuINT0049710	chr1	88751036	88753701	+	0.021592
Dis3l2	MmuINT0049711	chr1	88753950	88774977	+	0.022023
Dis3l2	MmuINT0049712	chr1	88775152	88827328	+	0.029889
Dkc1	MmuINT0049745	chrX	72341467	72342172	+	0.05469
Dkc1	MmuINT0049746	chrX	72349800	72350992	+	0.016323
Dkc1	MmuINT0049747	chrX	72351112	72351616	+	0.017784
Dkc1	MmuINT0049748	chrX	72351721	72352510	+	0.020374
Dkc1	MmuINT0049749	chrX	72352590	72353517	+	0.010532
Dkc1	MmuINT0049750	chrX	72353644	72354034	+	0.015917
Dkc1	MmuINT0049751	chrX	72342241	72342621	+	0.034027
Dkc1	MmuINT0049752	chrX	72342709	72343800	+	0.009977
Dkc1	MmuINT0049753	chrX	72343893	72344101	+	0.011167
Dkc1	MmuINT0049754	chrX	72344287	72345368	+	0.018012
Dkc1	MmuINT0049755	chrX	72345434	72345771	+	0.002821
Dkc1	MmuINT0049756	chrX	72345899	72346328	+	0.006728
Dkc1	MmuINT0049757	chrX	72346460	72347760	+	0.009352
Dkc1	MmuINT0049758	chrX	72347905	72349678	+	0.010158
Dlat	MmuINT0049779	chr9	50466895	50467295	-	0.000562
Dlat	MmuINT0049780	chr9	50448445	50452130	-	0.001946
Dlat	MmuINT0049781	chr9	50446189	50448328	-	0.007435
Dlat	MmuINT0049782	chr9	50445698	50446025	-	0.002637
Dlat	MmuINT0049783	chr9	50444660	50445560	-	0.001965
Dlat	MmuINT0049784	chr9	50466395	50466792	-	0.000554
Dlat	MmuINT0049785	chr9	50466104	50466269	-	0.001163
Dlat	MmuINT0049786	chr9	50461854	50465949	-	0.000917
Dlat	MmuINT0049787	chr9	50459044	50461726	-	0.000631
Dlat	MmuINT0049788	chr9	50457879	50458855	-	0.00072
Dlat	MmuINT0049789	chr9	50453212	50457736	-	0.001836
Dlat	MmuINT0049790	chr9	50452639	50453143	-	0.001109
Dlat	MmuINT0049791	chr9	50452239	50452545	-	0.002091
Dlc1	MmuINT0049792	chr8	37913350	37920979	-	0.017451
Dlc1	MmuINT0049793	chr8	37826733	37913217	-	0.026535
Dlc1	MmuINT0049796	chr8	37637228	37637860	-	0.002866
Dlc1	MmuINT0049797	chr8	37635940	37637008	-	0.016665
Dlc1	MmuINT0049798	chr8	37634493	37635721	-	0.0085
Dlc1	MmuINT0049799	chr8	37633458	37634318	-	0.017291

Dlc1	MmuINT0049800	chr8	37656513	37662422	-	0.011367
Dlc1	MmuINT0049801	chr8	37649794	37656430	-	0.012598
Dlc1	MmuINT0049802	chr8	37648022	37649729	-	0.007775
Dlc1	MmuINT0049803	chr8	37645932	37646594	-	0.004349
Dlc1	MmuINT0049804	chr8	37642761	37645754	-	0.004009
Dlc1	MmuINT0049805	chr8	37642477	37642600	-	0.005373
Dlc1	MmuINT0049806	chr8	37640303	37642277	-	0.012036
Dlc1	MmuINT0049807	chr8	37637976	37640088	-	0.005312
Dld	MmuINT0049809	chr12	32034541	32036165	-	0.00076
Dld	MmuINT0049810	chr12	32018922	32019477	-	0.000497
Dld	MmuINT0049811	chr12	32018428	32018731	-	0.001495
Dld	MmuINT0049812	chr12	32017294	32018289	-	0.000514
Dld	MmuINT0049813	chr12	32017108	32017203	-	0.000949
Dld	MmuINT0049814	chr12	32029768	32034461	-	0.000571
Dld	MmuINT0049815	chr12	32028309	32029687	-	0.00062
Dld	MmuINT0049816	chr12	32027679	32028239	-	0.001362
Dld	MmuINT0049817	chr12	32026344	32027608	-	0.005319
Dld	MmuINT0049818	chr12	32025873	32026242	-	0.00144
Dld	MmuINT0049819	chr12	32025247	32025728	-	0.0004
Dld	MmuINT0049820	chr12	32020522	32025144	-	0.001027
Dld	MmuINT0049821	chr12	32019649	32020330	-	0.001251
Dleu2	MmuINT0049858	chr14	62262293	62300946	-	0.026966
Dleu2	MmuINT0049859	chr14	62254429	62262196	-	0.044079
Dleu2	MmuINT0049860	chr14	62251321	62254361	-	0.134719
Dleu2	MmuINT0049861	chr14	62244200	62251273	-	0.302868
Dlg1	MmuINT0049865	chr16	31664408	31664906	+	0.019087
Dlg1	MmuINT0049866	chr16	31791971	31793589	+	0.014646
Dlg1	MmuINT0049867	chr16	31793727	31796951	+	0.008981
Dlg1	MmuINT0049868	chr16	31797097	31805699	+	0.009644
Dlg1	MmuINT0049869	chr16	31805821	31812753	+	0.003988
Dlg1	MmuINT0049870	chr16	31812911	31829551	+	0.006246
Dlg1	MmuINT0049871	chr16	31829655	31836275	+	0.004684
Dlg1	MmuINT0049872	chr16	31836391	31838135	+	0.005845
Dlg1	MmuINT0049873	chr16	31838313	31842855	+	0.005352
Dlg1	MmuINT0049874	chr16	31842926	31846919	+	0.022043
Dlg1	MmuINT0049875	chr16	31847020	31853928	+	0.027972
Dlg1	MmuINT0049876	chr16	31664957	31665660	+	0.008235
Dlg1	MmuINT0049877	chr16	31853971	31856526	+	0.034848
Dlg1	MmuINT0049878	chr16	31856578	31857632	+	0.029915
Dlg1	MmuINT0049879	chr16	31857735	31857977	+	0.018891
Dlg1	MmuINT0049880	chr16	31858151	31863258	+	0.007855
Dlg1	MmuINT0049881	chr16	31863369	31867916	+	0.008298
Dlg1	MmuINT0049882	chr16	31868009	31871760	+	0.006281
Dlg1	MmuINT0049883	chr16	31665793	31684213	+	0.014978
Dlg1	MmuINT0049884	chr16	31684381	31743191	+	0.008889
Dlg1	MmuINT0049885	chr16	31743357	31771842	+	0.007765
Dlg1	MmuINT0049886	chr16	31771942	31781867	+	0.007991
Dlg1	MmuINT0049887	chr16	31781922	31788167	+	0.011417
Dlg1	MmuINT0049888	chr16	31788219	31790262	+	0.007016
Dlg1	MmuINT0049889	chr16	31790388	31791800	+	0.004741

Dlg4	MmuINT0049944	chr11	69856246	69857159	+	0.535168
Dlg4	MmuINT0049952	chr11	69845292	69852524	+	0.338644
Dlg5	MmuINT0049958	chr14	24983796	24984466	-	0.057749
Dlg5	MmuINT0049961	chr14	24977977	24979466	-	0.060258
Dlg5	MmuINT0049964	chr14	24974476	24975693	-	0.049057
Dlg5	MmuINT0049966	chr14	24973604	24973821	-	0.04159
Dlg5	MmuINT0049967	chr14	24969897	24973452	-	0.040424
Dlg5	MmuINT0049969	chr14	24969495	24969733	-	0.058959
Dlg5	MmuINT0049970	chr14	24968735	24969360	-	0.041614
Dlg5	MmuINT0049971	chr14	24967614	24968584	-	0.101454
Dlg5	MmuINT0049972	chr14	24966444	24967429	-	0.052396
Dlg5	MmuINT0049973	chr14	24965545	24966294	-	0.063008
Dlg5	MmuINT0049974	chr14	24963718	24965373	-	0.057559
Dlg5	MmuINT0049975	chr14	24957974	24963523	-	0.055654
Dlg5	MmuINT0049976	chr14	24957587	24957829	-	0.045301
Dlg5	MmuINT0049977	chr14	24956462	24957458	-	0.032067
Dlg5	MmuINT0049978	chr14	24955901	24956351	-	0.029977
Dlg5	MmuINT0049980	chr14	24954896	24955790	-	0.052817
Dlg5	MmuINT0049983	chr14	24991427	24995617	-	0.031962
Dlgap4	MmuINT0050029	chr2	1.57E+08	1.57E+08	+	0.008024
Dlgap4	MmuINT0050030	chr2	1.57E+08	1.57E+08	+	0.00528
Dlgap4	MmuINT0050031	chr2	1.57E+08	1.57E+08	+	0.019063
Dlgap4	MmuINT0050032	chr2	1.56E+08	1.57E+08	+	0.021601
Dlgap4	MmuINT0050033	chr2	1.57E+08	1.57E+08	+	0.011467
Dlgap4	MmuINT0050034	chr2	1.57E+08	1.57E+08	+	0.012353
Dlgap4	MmuINT0050035	chr2	1.57E+08	1.57E+08	+	0.015459
Dlgap4	MmuINT0050036	chr2	1.57E+08	1.57E+08	+	0.03658
Dlgap4	MmuINT0050037	chr2	1.57E+08	1.57E+08	+	0.017211
Dll1	MmuINT0050066	chr17	15505000	15505097	-	0.195333
Dll1	MmuINT0050073	chr17	15506130	15507170	-	0.136016
Dll1	MmuINT0050074	chr17	15505216	15505330	-	0.070945
Dll4	MmuINT0050083	chr2	1.19E+08	1.19E+08	+	0.155855
Dll4	MmuINT0050084	chr2	1.19E+08	1.19E+08	+	0.016073
Dll4	MmuINT0050085	chr2	1.19E+08	1.19E+08	+	0.051107
Dll4	MmuINT0050086	chr2	1.19E+08	1.19E+08	+	0.022004
Dll4	MmuINT0050087	chr2	1.19E+08	1.19E+08	+	0.07652
Dll4	MmuINT0050088	chr2	1.19E+08	1.19E+08	+	0.040207
Dll4	MmuINT0050089	chr2	1.19E+08	1.19E+08	+	0.074688
Dll4	MmuINT0050090	chr2	1.19E+08	1.19E+08	+	0.089595
Dll4	MmuINT0050091	chr2	1.19E+08	1.19E+08	+	0.023612
Dll4	MmuINT0050092	chr2	1.19E+08	1.19E+08	+	0.062041
Dlst	MmuINT0050093	chr12	86451910	86452447	+	0.003141
Dlst	MmuINT0050094	chr12	86464822	86469260	+	0.003754
Dlst	MmuINT0050095	chr12	86469392	86470741	+	0.002513
Dlst	MmuINT0050096	chr12	86470816	86471409	+	0.001499
Dlst	MmuINT0050097	chr12	86471494	86471846	+	0.000393
Dlst	MmuINT0050098	chr12	86472015	86473568	+	0.000338
Dlst	MmuINT0050099	chr12	86452482	86456222	+	0.001669
Dlst	MmuINT0050100	chr12	86456272	86459308	+	0.002161
Dlst	MmuINT0050101	chr12	86459365	86459476	+	0.018649

Dlst	MmuINT0050102	chr12	86459552	86459731	+	0.000984
Dlst	MmuINT0050103	chr12	86459788	86460182	+	0.000665
Dlst	MmuINT0050104	chr12	86460295	86462936	+	0.004444
Dlst	MmuINT0050105	chr12	86463090	86463729	+	0.000779
Dlst	MmuINT0050106	chr12	86463807	86464723	+	0.000523
Dmap1	MmuINT0050120	chr4	1.17E+08	1.17E+08	-	0.121101
Dmap1	MmuINT0050121	chr4	1.17E+08	1.17E+08	-	0.010275
Dmap1	MmuINT0050123	chr4	1.17E+08	1.17E+08	-	0.011288
Dmap1	MmuINT0050124	chr4	1.17E+08	1.17E+08	-	0.016052
Dmap1	MmuINT0050125	chr4	1.17E+08	1.17E+08	-	0.012697
Dmap1	MmuINT0050126	chr4	1.17E+08	1.17E+08	-	0.072871
Dmap1	MmuINT0050127	chr4	1.17E+08	1.17E+08	-	0.043245
Dmap1	MmuINT0050128	chr4	1.17E+08	1.17E+08	-	0.01789
Dmap1	MmuINT0050129	chr4	1.17E+08	1.17E+08	-	0.014471
Dmd	MmuINT0050192	chrX	80194487	80381966	+	0.028709
Dmd	MmuINT0050193	chrX	80909576	80910386	+	0.016695
Dmd	MmuINT0050197	chrX	80959544	80959638	+	0.044281
Dmd	MmuINT0050198	chrX	80959747	80967206	+	0.032925
Dmd	MmuINT0050199	chrX	80967387	80974659	+	0.014128
Dmd	MmuINT0050200	chrX	80974836	81000715	+	0.023417
Dmd	MmuINT0050201	chrX	81000840	81017873	+	0.022433
Dmd	MmuINT0050202	chrX	81017962	81026867	+	0.026347
Dmd	MmuINT0050203	chrX	80382029	80591600	+	0.028036
Dmd	MmuINT0050204	chrX	81027110	81031473	+	0.018064
Dmd	MmuINT0050205	chrX	81031655	81047585	+	0.017701
Dmd	MmuINT0050206	chrX	81047732	81048644	+	0.015908
Dmd	MmuINT0050207	chrX	81048858	81051464	+	0.017648
Dmd	MmuINT0050208	chrX	81051579	81052674	+	0.027027
Dmd	MmuINT0050209	chrX	81052831	81058813	+	0.015182
Dmd	MmuINT0050210	chrX	81058985	81063470	+	0.017092
Dmd	MmuINT0050211	chrX	81063654	81073293	+	0.016607
Dmd	MmuINT0050212	chrX	81073429	81075758	+	0.014719
Dmd	MmuINT0050213	chrX	81075909	81101044	+	0.018786
Dmd	MmuINT0050214	chrX	80591694	80596764	+	0.029659
Dmd	MmuINT0050215	chrX	81101207	81123385	+	0.019363
Dmd	MmuINT0050216	chrX	81123497	81123814	+	0.016542
Dmd	MmuINT0050217	chrX	81123989	81126617	+	0.011858
Dmd	MmuINT0050218	chrX	81126774	81132401	+	0.011393
Dmd	MmuINT0050219	chrX	81132573	81150286	+	0.012624
Dmd	MmuINT0050220	chrX	81150467	81151327	+	0.014871
Dmd	MmuINT0050221	chrX	81151457	81153719	+	0.016628
Dmd	MmuINT0050222	chrX	81153891	81167805	+	0.019489
Dmd	MmuINT0050223	chrX	81167929	81170190	+	0.015294
Dmd	MmuINT0050224	chrX	81170329	81173183	+	0.013756
Dmd	MmuINT0050225	chrX	80596843	80620397	+	0.038944
Dmd	MmuINT0050226	chrX	81173337	81174141	+	0.010549
Dmd	MmuINT0050227	chrX	81174325	81200301	+	0.013879
Dmd	MmuINT0050228	chrX	81200497	81210007	+	0.014436
Dmd	MmuINT0050229	chrX	81210181	81267603	+	0.016338
Dmd	MmuINT0050230	chrX	81267752	81517290	+	0.018298

Dmd	MmuINT0050231	chrX	81517467	81555137	+	0.02452
Dmd	MmuINT0050232	chrX	81555280	81557815	+	0.011476
Dmd	MmuINT0050233	chrX	81557966	81618721	+	0.016797
Dmd	MmuINT0050234	chrX	81618887	81671046	+	0.015237
Dmd	MmuINT0050235	chrX	81671149	81677222	+	0.0109
Dmd	MmuINT0050236	chrX	80620491	80626523	+	0.034241
Dmd	MmuINT0050237	chrX	81677332	81719472	+	0.018781
Dmd	MmuINT0050238	chrX	81719706	81777212	+	0.008887
Dmd	MmuINT0050239	chrX	81777331	81820898	+	0.0108
Dmd	MmuINT0050240	chrX	81821111	81844434	+	0.008507
Dmd	MmuINT0050241	chrX	81844590	81892375	+	0.012077
Dmd	MmuINT0050242	chrX	81892566	82018920	+	0.020592
Dmd	MmuINT0050243	chrX	82019094	82027257	+	0.010558
Dmd	MmuINT0050244	chrX	82027415	82062636	+	0.011184
Dmd	MmuINT0050245	chrX	82062758	82063365	+	0.012939
Dmd	MmuINT0050246	chrX	82063635	82093986	+	0.009641
Dmd	MmuINT0050247	chrX	80626697	80735165	+	0.025265
Dmd	MmuINT0050248	chrX	82094134	82189483	+	0.014056
Dmd	MmuINT0050249	chrX	82189563	82220043	+	0.015821
Dmd	MmuINT0050250	chrX	82220105	82299309	+	0.020491
Dmd	MmuINT0050251	chrX	82299372	82335155	+	0.015909
Dmd	MmuINT0050252	chrX	82335231	82350482	+	0.008888
Dmd	MmuINT0050253	chrX	82350685	82352918	+	0.008718
Dmd	MmuINT0050254	chrX	82353005	82355281	+	0.011947
Dmd	MmuINT0050255	chrX	82355440	82384666	+	0.010826
Dmd	MmuINT0050256	chrX	82384834	82387064	+	0.013838
Dmd	MmuINT0050257	chrX	82387177	82389367	+	0.010003
Dmd	MmuINT0050258	chrX	80735285	80872600	+	0.022788
Dmd	MmuINT0050259	chrX	82389505	82390249	+	0.069569
Dmd	MmuINT0050260	chrX	82390289	82394468	+	0.049102
Dmd	MmuINT0050261	chrX	82394535	82395551	+	0.010033
Dmd	MmuINT0050262	chrX	82395618	82398365	+	0.009375
Dmd	MmuINT0050263	chrX	82398525	82423042	+	0.007049
Dmd	MmuINT0050264	chrX	82423287	82424037	+	0.008296
Dmd	MmuINT0050265	chrX	82424162	82435948	+	0.008537
Dmd	MmuINT0050266	chrX	82436042	82442842	+	0.005497
Dmd	MmuINT0050267	chrX	82442875	82447809	+	0.011896
Dmd	MmuINT0050268	chrX	80872786	80873905	+	0.020218
Dmd	MmuINT0050269	chrX	80874038	80909386	+	0.072637
Dmpk	MmuINT0050313	chr7	19677604	19677891	+	0.321735
Dmpk	MmuINT0050315	chr7	19673459	19673536	+	0.983538
Dmpk	MmuINT0050316	chr7	19669504	19671334	+	0.012519
Dmpk	MmuINT0050317	chr7	19676390	19677029	+	0.067997
Dmpk	MmuINT0050318	chr7	19677194	19677287	+	0.00359
Dmpk	MmuINT0050319	chr7	19677386	19678298	+	0.957924
Dmpk	MmuINT0050320	chr7	19671427	19671680	+	0.007381
Dmpk	MmuINT0050321	chr7	19671765	19671837	+	0.00913
Dmpk	MmuINT0050322	chr7	19671934	19672241	+	0.028717
Dmpk	MmuINT0050323	chr7	19672391	19672588	+	0.005664
Dmpk	MmuINT0050324	chr7	19672683	19672842	+	0.002254

Dmpk	MmuINT0050325	chr7	19674346	19676277	+	0.071492
Dmtf1	MmuINT0050366	chr5	9151919	9161613	-	0.033762
Dmtf1	MmuINT0050367	chr5	9129377	9130367	-	0.029507
Dmtf1	MmuINT0050368	chr5	9128109	9129147	-	0.013242
Dmtf1	MmuINT0050369	chr5	9126750	9127956	-	0.387286
Dmtf1	MmuINT0050370	chr5	9124528	9126539	-	0.311095
Dmtf1	MmuINT0050371	chr5	9121938	9124441	-	0.173419
Dmtf1	MmuINT0050372	chr5	9121463	9121781	-	0.07804
Dmtf1	MmuINT0050373	chr5	9120495	9121084	-	0.107445
Dmtf1	MmuINT0050374	chr5	9120139	9120349	-	0.043792
Dmtf1	MmuINT0050375	chr5	9150493	9151797	-	0.024673
Dmtf1	MmuINT0050376	chr5	9149023	9150375	-	0.039084
Dmtf1	MmuINT0050377	chr5	9140481	9148899	-	0.073312
Dmtf1	MmuINT0050378	chr5	9137241	9140385	-	0.027529
Dmtf1	MmuINT0050379	chr5	9136143	9137125	-	0.026116
Dmtf1	MmuINT0050380	chr5	9132614	9136065	-	0.09874
Dmtf1	MmuINT0050381	chr5	9131309	9132455	-	0.051691
Dmtf1	MmuINT0050382	chr5	9130478	9131275	-	0.055074
Dmwd	MmuINT0050383	chr7	19662051	19663403	+	0.134561
Dmwd	MmuINT0050384	chr7	19663587	19665390	+	0.012246
Dmwd	MmuINT0050385	chr7	19666651	19667267	+	0.010713
Dmwd	MmuINT0050386	chr7	19667343	19667624	+	0.017416
Dmxl1	MmuINT0050387	chr18	49992831	50000040	+	0.067399
Dmxl1	MmuINT0050388	chr18	50022772	50023601	+	0.035795
Dmxl1	MmuINT0050389	chr18	50023856	50023963	+	0.035371
Dmxl1	MmuINT0050390	chr18	50024649	50024736	+	0.039367
Dmxl1	MmuINT0050391	chr18	50024859	50027458	+	0.035353
Dmxl1	MmuINT0050392	chr18	50027549	50027628	+	0.035115
Dmxl1	MmuINT0050393	chr18	50027732	50030526	+	0.030672
Dmxl1	MmuINT0050394	chr18	50030647	50031223	+	0.01894
Dmxl1	MmuINT0050395	chr18	50031446	50037336	+	0.045475
Dmxl1	MmuINT0050396	chr18	50039020	50040388	+	0.024181
Dmxl1	MmuINT0050397	chr18	50040497	50048369	+	0.025515
Dmxl1	MmuINT0050398	chr18	50000167	50003439	+	0.056504
Dmxl1	MmuINT0050399	chr18	50048540	50049116	+	0.038745
Dmxl1	MmuINT0050400	chr18	50049215	50050269	+	0.029463
Dmxl1	MmuINT0050401	chr18	50050436	50051044	+	0.028987
Dmxl1	MmuINT0050402	chr18	50051307	50052872	+	0.03594
Dmxl1	MmuINT0050403	chr18	50053952	50054635	+	0.026222
Dmxl1	MmuINT0050405	chr18	50058435	50061914	+	0.023066
Dmxl1	MmuINT0050406	chr18	50062043	50062433	+	0.016639
Dmxl1	MmuINT0050408	chr18	50072452	50077232	+	0.014403
Dmxl1	MmuINT0050409	chr18	50003512	50006238	+	0.042903
Dmxl1	MmuINT0050410	chr18	50077376	50079541	+	0.02477
Dmxl1	MmuINT0050411	chr18	50079628	50080483	+	0.016648
Dmxl1	MmuINT0050412	chr18	50080686	50082251	+	0.012389
Dmxl1	MmuINT0050413	chr18	50082370	50091564	+	0.021054
Dmxl1	MmuINT0050414	chr18	50091652	50094237	+	0.024932
Dmxl1	MmuINT0050415	chr18	50094360	50094845	+	0.017
Dmxl1	MmuINT0050416	chr18	50094988	50099202	+	0.020058



Dmxl1	MmuINT0050417	chr18	50099264	50110849	+	0.017711
Dmxl1	MmuINT0050418	chr18	50110978	50115470	+	0.033365
Dmxl1	MmuINT0050419	chr18	50115564	50116955	+	0.019878
Dmxl1	MmuINT0050421	chr18	50117048	50118050	+	0.028393
Dmxl1	MmuINT0050422	chr18	50118104	50120711	+	0.0173
Dmxl1	MmuINT0050423	chr18	50120930	50121826	+	0.013321
Dmxl1	MmuINT0050424	chr18	50008449	50011083	+	0.035229
Dmxl1	MmuINT0050425	chr18	50011151	50011899	+	0.052531
Dmxl1	MmuINT0050426	chr18	50012079	50016886	+	0.046609
Dmxl1	MmuINT0050427	chr18	50017077	50018769	+	0.03827
Dmxl1	MmuINT0050428	chr18	50018939	50022558	+	0.030566
Dmxl2	MmuINT0050429	chr9	54328273	54349157	-	0.027961
Dmxl2	MmuINT0050430	chr9	54298876	54299408	-	0.018467
Dmxl2	MmuINT0050431	chr9	54294873	54298603	-	0.015217
Dmxl2	MmuINT0050433	chr9	54275931	54293189	-	0.035697
Dmxl2	MmuINT0050434	chr9	54274313	54275840	-	0.036719
Dmxl2	MmuINT0050435	chr9	54271157	54274188	-	0.028229
Dmxl2	MmuINT0050437	chr9	54264911	54267551	-	0.022624
Dmxl2	MmuINT0050438	chr9	54259518	54263236	-	0.020545
Dmxl2	MmuINT0050439	chr9	54257128	54259406	-	0.018438
Dmxl2	MmuINT0050440	chr9	54325336	54328146	-	0.033042
Dmxl2	MmuINT0050441	chr9	54254502	54256957	-	0.027387
Dmxl2	MmuINT0050442	chr9	54253721	54254403	-	0.025015
Dmxl2	MmuINT0050443	chr9	54252029	54253554	-	0.031152
Dmxl2	MmuINT0050444	chr9	54249794	54251763	-	0.032308
Dmxl2	MmuINT0050445	chr9	54247941	54248723	-	0.026765
Dmxl2	MmuINT0050446	chr9	54245931	54247748	-	0.045467
Dmxl2	MmuINT0050447	chr9	54244178	54245853	-	0.04709
Dmxl2	MmuINT0050448	chr9	54241684	54244046	-	0.017624
Dmxl2	MmuINT0050449	chr9	54235399	54241434	-	0.013281
Dmxl2	MmuINT0050450	chr9	54231595	54235219	-	0.016536
Dmxl2	MmuINT0050451	chr9	54321723	54325263	-	0.036365
Dmxl2	MmuINT0050452	chr9	54230529	54231463	-	0.023582
Dmxl2	MmuINT0050453	chr9	54229862	54230442	-	0.017512
Dmxl2	MmuINT0050454	chr9	54228833	54229659	-	0.012899
Dmxl2	MmuINT0050455	chr9	54227645	54228714	-	0.034921
Dmxl2	MmuINT0050456	chr9	54226811	54227581	-	0.062601
Dmxl2	MmuINT0050457	chr9	54226643	54226723	-	0.033099
Dmxl2	MmuINT0050458	chr9	54224169	54226520	-	0.023184
Dmxl2	MmuINT0050459	chr9	54223374	54224029	-	0.02042
Dmxl2	MmuINT0050460	chr9	54223214	54223312	-	0.031617
Dmxl2	MmuINT0050461	chr9	54222538	54223085	-	0.020516
Dmxl2	MmuINT0050462	chr9	54320831	54321643	-	0.027409
Dmxl2	MmuINT0050463	chr9	54217771	54222459	-	0.039223
Dmxl2	MmuINT0050464	chr9	54217070	54217678	-	0.053619
Dmxl2	MmuINT0050465	chr9	54215579	54217016	-	0.144566
Dmxl2	MmuINT0050466	chr9	54214435	54215360	-	0.00851
Dmxl2	MmuINT0050467	chr9	54320066	54320694	-	0.043223
Dmxl2	MmuINT0050468	chr9	54308925	54319998	-	0.031023
Dmxl2	MmuINT0050469	chr9	54306845	54308745	-	0.037487

Dmxl2	MmuINT0050470	chr9	54305606	54306660	-	0.021191
Dmxl2	MmuINT0050471	chr9	54299649	54305430	-	0.023111
Dnahc2	MmuINT0050855	chr11	69266481	69266662	-	0.935749
Dnaic1	MmuINT0051279	chr4	41579522	41581994	+	0.053329
Dnaic1	MmuINT0051280	chr4	41582181	41584905	+	0.02604
Dnaja2	MmuINT0051310	chr8	88077876	88079068	-	0.005878
Dnaja2	MmuINT0051311	chr8	88077310	88077815	-	0.00144
Dnaja2	MmuINT0051312	chr8	88072862	88077085	-	0.000813
Dnaja2	MmuINT0051313	chr8	88072597	88072780	-	0.000624
Dnaja2	MmuINT0051314	chr8	88070609	88072462	-	0.000753
Dnaja2	MmuINT0051315	chr8	88064352	88070411	-	0.008725
Dnaja2	MmuINT0051316	chr8	88064077	88064206	-	0.000832
Dnaja2	MmuINT0051317	chr8	88063307	88063948	-	0.001048
Dnaja3	MmuINT0051319	chr16	4684345	4687236	+	0.001356
Dnaja3	MmuINT0051320	chr16	4702309	4705843	+	0.029535
Dnaja3	MmuINT0051321	chr16	4705961	4706567	+	0.026635
Dnaja3	MmuINT0051322	chr16	4687371	4689980	+	0.001081
Dnaja3	MmuINT0051323	chr16	4690065	4693211	+	0.001297
Dnaja3	MmuINT0051324	chr16	4693413	4694363	+	0.001275
Dnaja3	MmuINT0051325	chr16	4694517	4696388	+	0.002
Dnaja3	MmuINT0051326	chr16	4696537	4697250	+	0.001659
Dnaja3	MmuINT0051327	chr16	4697316	4699748	+	0.003711
Dnaja3	MmuINT0051328	chr16	4699878	4701168	+	0.001435
Dnaja3	MmuINT0051329	chr16	4701285	4702210	+	0.002652
Dnaja4	MmuINT0051330	chr9	54547668	54553869	+	0.006614
Dnaja4	MmuINT0051331	chr9	54554051	54556189	+	0.001798
Dnaja4	MmuINT0051332	chr9	54556295	54556939	+	0.016785
Dnaja4	MmuINT0051333	chr9	54557168	54558308	+	0.035448
Dnaja4	MmuINT0051334	chr9	54558540	54562076	+	0.024825
Dnaja4	MmuINT0051335	chr9	54562178	54562267	+	0.022865
Dnajb1	MmuINT0051336	chr8	86132442	86133712	+	0.037196
Dnajb1	MmuINT0051337	chr8	86134294	86134487	+	0.011274
Dnajb11	MmuINT0051339	chr16	22858183	22862614	+	0.015331
Dnajb11	MmuINT0051340	chr16	22862772	22865526	+	0.005542
Dnajb11	MmuINT0051341	chr16	22865625	22866992	+	0.00718
Dnajb11	MmuINT0051342	chr16	22867126	22868783	+	0.003137
Dnajb11	MmuINT0051343	chr16	22868927	22869193	+	0.014253
Dnajb11	MmuINT0051344	chr16	22869277	22869488	+	0.011399
Dnajb11	MmuINT0051345	chr16	22869547	22870643	+	0.007417
Dnajb11	MmuINT0051346	chr16	22870756	22871012	+	0.006712
Dnajb11	MmuINT0051347	chr16	22871173	22871743	+	0.003368
Dnajb12	MmuINT0051348	chr10	59342559	59352775	+	0.00739
Dnajb12	MmuINT0051349	chr10	59352957	59353587	+	0.007652
Dnajb12	MmuINT0051350	chr10	59353734	59355419	+	0.005075
Dnajb12	MmuINT0051351	chr10	59355606	59355685	+	0.007475
Dnajb12	MmuINT0051352	chr10	59355766	59356978	+	0.007646
Dnajb12	MmuINT0051353	chr10	59357089	59358335	+	0.006686
Dnajb12	MmuINT0051354	chr10	59358509	59359097	+	0.007519
Dnajb12	MmuINT0051355	chr10	59359250	59360238	+	0.077167
Dnajb14	MmuINT0051363	chr3	1.38E+08	1.38E+08	+	0.035935

Dnajb14	MmuINT0051364	chr3	1.38E+08	1.38E+08	+	0.019691
Dnajb14	MmuINT0051365	chr3	1.38E+08	1.38E+08	+	0.012896
Dnajb14	MmuINT0051366	chr3	1.38E+08	1.38E+08	+	0.019771
Dnajb14	MmuINT0051367	chr3	1.38E+08	1.38E+08	+	0.017517
Dnajb14	MmuINT0051368	chr3	1.38E+08	1.38E+08	+	0.016446
Dnajb14	MmuINT0051369	chr3	1.38E+08	1.38E+08	+	0.02187
Dnajb2	MmuINT0051370	chr1	75233524	75234029	+	0.00227
Dnajb2	MmuINT0051371	chr1	75234140	75235854	+	0.060468
Dnajb2	MmuINT0051372	chr1	75235909	75236082	+	0.021259
Dnajb2	MmuINT0051373	chr1	75236206	75237466	+	0.004011
Dnajb2	MmuINT0051374	chr1	75237560	75237745	+	0.007838
Dnajb2	MmuINT0051375	chr1	75237849	75237983	+	0.00237
Dnajb2	MmuINT0051376	chr1	75238055	75240032	+	0.029625
Dnajb2	MmuINT0051377	chr1	75240237	75241368	+	0.251637
Dnajb4	MmuINT0051379	chr3	1.52E+08	1.52E+08	-	0.00966
Dnajb4	MmuINT0051380	chr3	1.52E+08	1.52E+08	-	0.002933
Dnajb5	MmuINT0051381	chr4	42966258	42969397	+	0.031129
Dnajb5	MmuINT0051382	chr4	42970000	42970189	+	0.005001
Dnajb6	MmuINT0051385	chr5	30082879	30084087	+	0.172089
Dnajb9	MmuINT0051392	chr12	45308393	45309073	-	0.004491
Dnajc1	MmuINT0051393	chr2	18238628	18313917	-	0.015893
Dnajc1	MmuINT0051394	chr2	18141527	18144339	-	0.010351
Dnajc1	MmuINT0051395	chr2	18138953	18141077	-	0.014877
Dnajc1	MmuINT0051396	chr2	18238032	18238525	-	0.01853
Dnajc1	MmuINT0051397	chr2	18230577	18237984	-	0.023301
Dnajc1	MmuINT0051398	chr2	18229640	18230410	-	0.013903
Dnajc1	MmuINT0051399	chr2	18228694	18229541	-	0.016352
Dnajc1	MmuINT0051400	chr2	18215672	18228599	-	0.014094
Dnajc1	MmuINT0051401	chr2	18206414	18215580	-	0.015319
Dnajc1	MmuINT0051402	chr2	18153451	18206249	-	0.010848
Dnajc1	MmuINT0051403	chr2	18144389	18153330	-	0.015842
Dnajc10	MmuINT0051404	chr2	80155963	80157405	+	0.009707
Dnajc10	MmuINT0051405	chr2	80171564	80173085	+	0.011909
Dnajc10	MmuINT0051406	chr2	80173176	80173882	+	0.01819
Dnajc10	MmuINT0051407	chr2	80173997	80175609	+	0.012043
Dnajc10	MmuINT0051408	chr2	80175725	80180629	+	0.011838
Dnajc10	MmuINT0051409	chr2	80180758	80180968	+	0.009785
Dnajc10	MmuINT0051410	chr2	80181086	80184073	+	0.007807
Dnajc10	MmuINT0051411	chr2	80184176	80185080	+	0.011612
Dnajc10	MmuINT0051412	chr2	80185237	80186668	+	0.007406
Dnajc10	MmuINT0051413	chr2	80186803	80187500	+	0.009571
Dnajc10	MmuINT0051414	chr2	80187555	80187804	+	0.009298
Dnajc10	MmuINT0051415	chr2	80157757	80159316	+	0.00621
Dnajc10	MmuINT0051416	chr2	80187953	80189425	+	0.011912
Dnajc10	MmuINT0051417	chr2	80189546	80190785	+	0.040749
Dnajc10	MmuINT0051418	chr2	80190891	80193015	+	0.011306
Dnajc10	MmuINT0051419	chr2	80159480	80161400	+	0.013244
Dnajc10	MmuINT0051420	chr2	80161452	80164816	+	0.025581
Dnajc10	MmuINT0051421	chr2	80164900	80165151	+	0.030147
Dnajc10	MmuINT0051422	chr2	80165284	80165774	+	0.006748

Dnajc10	MmuINT0051423	chr2	80165869	80166814	+	0.01519
Dnajc10	MmuINT0051424	chr2	80166893	80168228	+	0.018261
Dnajc10	MmuINT0051425	chr2	80168273	80171425	+	0.015331
Dnajc11	MmuINT0051426	chr4	1.51E+08	1.51E+08	+	0.005345
Dnajc11	MmuINT0051427	chr4	1.51E+08	1.51E+08	+	0.013011
Dnajc11	MmuINT0051428	chr4	1.51E+08	1.51E+08	+	0.029656
Dnajc11	MmuINT0051429	chr4	1.51E+08	1.51E+08	+	0.062957
Dnajc11	MmuINT0051430	chr4	1.51E+08	1.51E+08	+	0.022774
Dnajc11	MmuINT0051431	chr4	1.51E+08	1.51E+08	+	0.012439
Dnajc11	MmuINT0051432	chr4	1.51E+08	1.51E+08	+	0.002539
Dnajc11	MmuINT0051433	chr4	1.51E+08	1.51E+08	+	0.003972
Dnajc11	MmuINT0051434	chr4	1.51E+08	1.51E+08	+	0.00505
Dnajc11	MmuINT0051435	chr4	1.51E+08	1.51E+08	+	0.004417
Dnajc11	MmuINT0051436	chr4	1.51E+08	1.51E+08	+	0.02172
Dnajc11	MmuINT0051437	chr4	1.51E+08	1.51E+08	+	0.013363
Dnajc11	MmuINT0051438	chr4	1.51E+08	1.51E+08	+	0.031764
Dnajc11	MmuINT0051439	chr4	1.51E+08	1.51E+08	+	0.004015
Dnajc11	MmuINT0051440	chr4	1.51E+08	1.51E+08	+	0.00815
Dnajc12	MmuINT0051443	chr10	62858612	62859986	+	0.015917
Dnajc12	MmuINT0051444	chr10	62860127	62869749	+	0.011037
Dnajc12	MmuINT0051445	chr10	62869955	62870936	+	0.009832
Dnajc13	MmuINT0051446	chr9	1.04E+08	1.04E+08	-	0.030883
Dnajc13	MmuINT0051447	chr9	1.04E+08	1.04E+08	-	0.017079
Dnajc13	MmuINT0051448	chr9	1.04E+08	1.04E+08	-	0.018838
Dnajc13	MmuINT0051449	chr9	1.04E+08	1.04E+08	-	0.034907
Dnajc13	MmuINT0051450	chr9	1.04E+08	1.04E+08	-	0.028481
Dnajc13	MmuINT0051451	chr9	1.04E+08	1.04E+08	-	0.02062
Dnajc13	MmuINT0051452	chr9	1.04E+08	1.04E+08	-	0.035751
Dnajc13	MmuINT0051453	chr9	1.04E+08	1.04E+08	-	0.023434
Dnajc13	MmuINT0051455	chr9	1.04E+08	1.04E+08	-	0.023718
Dnajc13	MmuINT0051456	chr9	1.04E+08	1.04E+08	-	0.016272
Dnajc13	MmuINT0051457	chr9	1.04E+08	1.04E+08	-	0.033612
Dnajc13	MmuINT0051458	chr9	1.04E+08	1.04E+08	-	0.084416
Dnajc13	MmuINT0051459	chr9	1.04E+08	1.04E+08	-	0.00947
Dnajc13	MmuINT0051460	chr9	1.04E+08	1.04E+08	-	0.023466
Dnajc13	MmuINT0051461	chr9	1.04E+08	1.04E+08	-	0.022384
Dnajc13	MmuINT0051462	chr9	1.04E+08	1.04E+08	-	0.02241
Dnajc13	MmuINT0051463	chr9	1.04E+08	1.04E+08	-	0.025327
Dnajc13	MmuINT0051464	chr9	1.04E+08	1.04E+08	-	0.016133
Dnajc13	MmuINT0051465	chr9	1.04E+08	1.04E+08	-	0.015907
Dnajc13	MmuINT0051466	chr9	1.04E+08	1.04E+08	-	0.018554
Dnajc13	MmuINT0051467	chr9	1.04E+08	1.04E+08	-	0.011778
Dnajc13	MmuINT0051468	chr9	1.04E+08	1.04E+08	-	0.018224
Dnajc13	MmuINT0051469	chr9	1.04E+08	1.04E+08	-	0.017058
Dnajc13	MmuINT0051470	chr9	1.04E+08	1.04E+08	-	0.020721
Dnajc13	MmuINT0051471	chr9	1.04E+08	1.04E+08	-	0.015695
Dnajc13	MmuINT0051472	chr9	1.04E+08	1.04E+08	-	0.02202
Dnajc13	MmuINT0051473	chr9	1.04E+08	1.04E+08	-	0.027938
Dnajc13	MmuINT0051474	chr9	1.04E+08	1.04E+08	-	0.015192
Dnajc13	MmuINT0051475	chr9	1.04E+08	1.04E+08	-	0.0111

Dnajc13	MmuINT0051476	chr9	1.04E+08	1.04E+08	-	0.012465
Dnajc13	MmuINT0051477	chr9	1.04E+08	1.04E+08	-	0.012541
Dnajc13	MmuINT0051478	chr9	1.04E+08	1.04E+08	-	0.012632
Dnajc13	MmuINT0051479	chr9	1.04E+08	1.04E+08	-	0.014988
Dnajc13	MmuINT0051480	chr9	1.04E+08	1.04E+08	-	0.011019
Dnajc13	MmuINT0051481	chr9	1.04E+08	1.04E+08	-	0.011752
Dnajc13	MmuINT0051483	chr9	1.04E+08	1.04E+08	-	0.009465
Dnajc13	MmuINT0051484	chr9	1.04E+08	1.04E+08	-	0.019394
Dnajc13	MmuINT0051485	chr9	1.04E+08	1.04E+08	-	0.015186
Dnajc13	MmuINT0051486	chr9	1.04E+08	1.04E+08	-	0.017751
Dnajc13	MmuINT0051487	chr9	1.04E+08	1.04E+08	-	0.012082
Dnajc13	MmuINT0051488	chr9	1.04E+08	1.04E+08	-	0.010217
Dnajc13	MmuINT0051489	chr9	1.04E+08	1.04E+08	-	0.016346
Dnajc13	MmuINT0051490	chr9	1.04E+08	1.04E+08	-	0.020333
Dnajc13	MmuINT0051491	chr9	1.04E+08	1.04E+08	-	0.012784
Dnajc13	MmuINT0051492	chr9	1.04E+08	1.04E+08	-	0.00886
Dnajc13	MmuINT0051493	chr9	1.04E+08	1.04E+08	-	0.01169
Dnajc13	MmuINT0051494	chr9	1.04E+08	1.04E+08	-	0.016486
Dnajc13	MmuINT0051495	chr9	1.04E+08	1.04E+08	-	0.012031
Dnajc13	MmuINT0051496	chr9	1.04E+08	1.04E+08	-	0.017948
Dnajc13	MmuINT0051497	chr9	1.04E+08	1.04E+08	-	0.013775
Dnajc13	MmuINT0051498	chr9	1.04E+08	1.04E+08	-	0.019245
Dnajc13	MmuINT0051499	chr9	1.04E+08	1.04E+08	-	0.017316
Dnajc13	MmuINT0051500	chr9	1.04E+08	1.04E+08	-	0.020787
Dnajc14	MmuINT0051502	chr10	1.28E+08	1.28E+08	+	0.040123
Dnajc14	MmuINT0051503	chr10	1.28E+08	1.28E+08	+	0.007667
Dnajc14	MmuINT0051504	chr10	1.28E+08	1.28E+08	+	0.005616
Dnajc14	MmuINT0051505	chr10	1.28E+08	1.28E+08	+	0.01451
Dnajc14	MmuINT0051506	chr10	1.28E+08	1.28E+08	+	0.00915
Dnajc15	MmuINT0051507	chr14	78256798	78274604	-	0.001398
Dnajc15	MmuINT0051508	chr14	78252779	78256745	-	0.001529
Dnajc15	MmuINT0051509	chr14	78244280	78252704	-	0.001176
Dnajc15	MmuINT0051510	chr14	78240046	78244202	-	0.001219
Dnajc15	MmuINT0051511	chr14	78226278	78239974	-	0.001223
Dnajc16	MmuINT0051512	chr4	1.41E+08	1.41E+08	-	0.032431
Dnajc16	MmuINT0051513	chr4	1.41E+08	1.41E+08	-	0.010462
Dnajc16	MmuINT0051514	chr4	1.41E+08	1.41E+08	-	0.021412
Dnajc16	MmuINT0051515	chr4	1.41E+08	1.41E+08	-	0.013734
Dnajc16	MmuINT0051516	chr4	1.41E+08	1.41E+08	-	0.037607
Dnajc16	MmuINT0051517	chr4	1.41E+08	1.41E+08	-	0.006117
Dnajc16	MmuINT0051518	chr4	1.41E+08	1.41E+08	-	0.016376
Dnajc16	MmuINT0051519	chr4	1.41E+08	1.41E+08	-	0.021448
Dnajc16	MmuINT0051520	chr4	1.41E+08	1.41E+08	-	0.013712
Dnajc16	MmuINT0051521	chr4	1.41E+08	1.41E+08	-	0.015775
Dnajc16	MmuINT0051522	chr4	1.41E+08	1.41E+08	-	0.014609
Dnajc16	MmuINT0051523	chr4	1.41E+08	1.41E+08	-	0.012588
Dnajc16	MmuINT0051524	chr4	1.41E+08	1.41E+08	-	0.015861
Dnajc16	MmuINT0051525	chr4	1.41E+08	1.41E+08	-	0.012918
Dnajc17	MmuINT0051530	chr2	1.19E+08	1.19E+08	-	0.011413
Dnajc17	MmuINT0051531	chr2	1.19E+08	1.19E+08	-	0.020543

Dnajc17	MmuINT0051532	chr2	1.19E+08	1.19E+08	-	0.010271
Dnajc17	MmuINT0051533	chr2	1.19E+08	1.19E+08	-	0.043879
Dnajc18	MmuINT0051536	chr18	35860645	35862679	-	0.017247
Dnajc18	MmuINT0051537	chr18	35856778	35860457	-	0.010914
Dnajc18	MmuINT0051538	chr18	35846508	35856631	-	0.011398
Dnajc18	MmuINT0051539	chr18	35842979	35846321	-	0.017234
Dnajc18	MmuINT0051540	chr18	35841684	35842871	-	0.017476
Dnajc18	MmuINT0051541	chr18	35840593	35841573	-	0.026002
Dnajc18	MmuINT0051542	chr18	35834898	35840419	-	0.0112
Dnajc2	MmuINT0051548	chr5	21289056	21290806	-	0.008103
Dnajc2	MmuINT0051549	chr5	21269648	21272373	-	0.00678
Dnajc2	MmuINT0051550	chr5	21269334	21269558	-	0.00813
Dnajc2	MmuINT0051551	chr5	21267544	21269263	-	0.003549
Dnajc2	MmuINT0051552	chr5	21266545	21267358	-	0.001294
Dnajc2	MmuINT0051554	chr5	21263738	21266183	-	0.002588
Dnajc2	MmuINT0051556	chr5	21287215	21288864	-	0.005856
Dnajc2	MmuINT0051557	chr5	21282634	21287138	-	0.002493
Dnajc2	MmuINT0051559	chr5	21279677	21280751	-	0.006131
Dnajc2	MmuINT0051560	chr5	21276369	21279595	-	0.008322
Dnajc2	MmuINT0051561	chr5	21274556	21276302	-	0.006885
Dnajc2	MmuINT0051563	chr5	21272524	21274254	-	0.0013
Dnajc21	MmuINT0051564	chr15	10393736	10400019	-	0.027019
Dnajc21	MmuINT0051566	chr15	10376982	10377450	-	0.006324
Dnajc21	MmuINT0051567	chr15	10392102	10393641	-	0.007089
Dnajc21	MmuINT0051568	chr15	10391754	10391977	-	0.003547
Dnajc21	MmuINT0051569	chr15	10391180	10391630	-	0.009149
Dnajc21	MmuINT0051570	chr15	10389862	10390874	-	0.002795
Dnajc21	MmuINT0051571	chr15	10384613	10389709	-	0.003833
Dnajc21	MmuINT0051572	chr15	10382120	10384524	-	0.009282
Dnajc21	MmuINT0051573	chr15	10381353	10381960	-	0.003919
Dnajc21	MmuINT0051574	chr15	10379504	10381309	-	0.008594
Dnajc24	MmuINT0051579	chr2	1.06E+08	1.06E+08	-	0.022432
Dnajc24	MmuINT0051581	chr2	1.06E+08	1.06E+08	-	0.081355
Dnajc25	MmuINT0051582	chr4	59016430	59030541	+	0.011637
Dnajc25	MmuINT0051583	chr4	59030695	59032930	+	0.006035
Dnajc25	MmuINT0051584	chr4	59033402	59035432	+	0.019076
Dnajc27	MmuINT0051585	chr12	4082874	4085953	+	0.001485
Dnajc27	MmuINT0051586	chr12	4086037	4089133	+	0.0092
Dnajc27	MmuINT0051587	chr12	4089204	4096212	+	0.028659
Dnajc27	MmuINT0051588	chr12	4096378	4097223	+	0.033733
Dnajc27	MmuINT0051589	chr12	4097347	4103053	+	0.012557
Dnajc27	MmuINT0051590	chr12	4103215	4106801	+	0.015749
Dnajc3	MmuINT0051592	chr14	1.19E+08	1.19E+08	+	0.024257
Dnajc3	MmuINT0051593	chr14	1.19E+08	1.19E+08	+	0.006063
Dnajc3	MmuINT0051594	chr14	1.19E+08	1.19E+08	+	0.015508
Dnajc3	MmuINT0051595	chr14	1.19E+08	1.19E+08	+	0.007407
Dnajc3	MmuINT0051596	chr14	1.19E+08	1.19E+08	+	0.012565
Dnajc3	MmuINT0051597	chr14	1.19E+08	1.19E+08	+	0.020022
Dnajc3	MmuINT0051598	chr14	1.19E+08	1.19E+08	+	0.00868
Dnajc3	MmuINT0051599	chr14	1.19E+08	1.19E+08	+	0.009861

Dnajc3	MmuINT0051600	chr14	1.19E+08	1.19E+08	+	0.006804
Dnajc3	MmuINT0051601	chr14	1.19E+08	1.19E+08	+	0.008656
Dnajc3	MmuINT0051602	chr14	1.19E+08	1.19E+08	+	0.010608
Dnajc4	MmuINT0051603	chr19	7065302	7066648	-	0.019149
Dnajc4	MmuINT0051604	chr19	7064356	7065207	-	0.016453
Dnajc4	MmuINT0051605	chr19	7064075	7064170	-	0.307105
Dnajc4	MmuINT0051606	chr19	7062766	7063912	-	0.027351
Dnajc4	MmuINT0051607	chr19	7062599	7062678	-	0.003449
Dnajc5	MmuINT0051608	chr2	1.81E+08	1.81E+08	+	0.009114
Dnajc5	MmuINT0051609	chr2	1.81E+08	1.81E+08	+	0.005489
Dnajc5	MmuINT0051610	chr2	1.81E+08	1.81E+08	+	0.013083
Dnajc5	MmuINT0051611	chr2	1.81E+08	1.81E+08	+	0.018588
Dnajc7	MmuINT0051644	chr11	1E+08	1E+08	-	0.031491
Dnajc7	MmuINT0051645	chr11	1E+08	1E+08	-	0.002529
Dnajc7	MmuINT0051646	chr11	1E+08	1E+08	-	0.001656
Dnajc7	MmuINT0051647	chr11	1E+08	1E+08	-	0.002077
Dnajc7	MmuINT0051648	chr11	1E+08	1E+08	-	0.037878
Dnajc7	MmuINT0051649	chr11	1E+08	1E+08	-	0.002536
Dnajc7	MmuINT0051651	chr11	1E+08	1E+08	-	0.11616
Dnajc7	MmuINT0051652	chr11	1E+08	1E+08	-	0.005007
Dnajc7	MmuINT0051653	chr11	1E+08	1E+08	-	0.007415
Dnajc7	MmuINT0051654	chr11	1E+08	1E+08	-	0.007366
Dnajc7	MmuINT0051655	chr11	1E+08	1E+08	-	0.012498
Dnajc7	MmuINT0051656	chr11	1E+08	1E+08	-	0.038399
Dnajc8	MmuINT0051661	chr4	1.32E+08	1.32E+08	+	0.026392
Dnajc8	MmuINT0051663	chr4	1.32E+08	1.32E+08	+	0.000429
Dnajc9	MmuINT0051665	chr14	21207663	21207825	-	0.032103
Dnajc9	MmuINT0051666	chr14	21207434	21207521	-	0.025173
Dnajc9	MmuINT0051667	chr14	21205109	21207178	-	0.021399
Dnajc9	MmuINT0051668	chr14	21204701	21205021	-	0.021381
Dnalc1	MmuINT0051671	chr12	85465535	85467911	+	0.061873
Dnalc1	MmuINT0051674	chr12	85476644	85477446	+	0.102001
Dnalc1	MmuINT0051675	chr12	85477588	85479303	+	0.065386
Dnalc4	MmuINT0051676	chr15	79595452	79604788	-	0.057096
Dnalc4	MmuINT0051677	chr15	79594024	79595245	-	0.010905
Dnalc4	MmuINT0051678	chr15	79592956	79593939	-	0.049682
Dnase1l1	MmuINT0051693	chrX	71522682	71526859	-	0.035601
Dnase1l1	MmuINT0051694	chrX	71522074	71522377	-	0.182827
Dnase1l1	MmuINT0051695	chrX	71521896	71521984	-	0.119032
Dnase1l1	MmuINT0051696	chrX	71519808	71521817	-	0.210315
Dnase1l1	MmuINT0051697	chrX	71519558	71519706	-	0.224927
Dnase1l1	MmuINT0051698	chrX	71519366	71519444	-	0.252086
Dnase1l1	MmuINT0051699	chrX	71519031	71519116	-	0.093323
Dnase2a	MmuINT0051714	chr8	87432770	87432883	+	0.032985
Dnase2a	MmuINT0051715	chr8	87433062	87433155	+	0.028551
Dnase2a	MmuINT0051716	chr8	87433235	87433424	+	0.067736
Dnase2a	MmuINT0051717	chr8	87433590	87433670	+	0.035676
Dnase2a	MmuINT0051718	chr8	87433869	87434584	+	0.05765
Dnd1	MmuINT0051727	chr18	36924142	36924749	-	0.030747
Dnlz	MmuINT0051742	chr2	26206079	26206854	-	0.015158

Dnm1	MmuINT0051745	chr2	32179251	32183480	-	0.046999
Dnm1	MmuINT0051747	chr2	32176138	32178941	-	0.174413
Dnm1	MmuINT0051748	chr2	32172528	32176023	-	0.032484
Dnm1	MmuINT0051749	chr2	32171431	32172417	-	0.040056
Dnm1	MmuINT0051750	chr2	32170868	32171318	-	0.033823
Dnm1	MmuINT0051751	chr2	32170581	32170855	-	0.022122
Dnm1	MmuINT0051752	chr2	32168446	32170409	-	0.045039
Dnm1l	MmuINT0051763	chr16	16346239	16358856	-	0.005266
Dnm1l	MmuINT0051764	chr16	16323871	16324067	-	0.004712
Dnm1l	MmuINT0051765	chr16	16323513	16323714	-	0.001943
Dnm1l	MmuINT0051766	chr16	16321770	16323422	-	0.002579
Dnm1l	MmuINT0051767	chr16	16319602	16321676	-	0.006594
Dnm1l	MmuINT0051768	chr16	16316872	16319544	-	0.089828
Dnm1l	MmuINT0051769	chr16	16316537	16316694	-	0.001038
Dnm1l	MmuINT0051771	chr16	16314137	16314356	-	0.001934
Dnm1l	MmuINT0051772	chr16	16341562	16346090	-	0.015545
Dnm1l	MmuINT0051773	chr16	16341161	16341514	-	0.014095
Dnm1l	MmuINT0051775	chr16	16337109	16338685	-	0.000503
Dnm1l	MmuINT0051776	chr16	16334043	16336945	-	0.003375
Dnm1l	MmuINT0051777	chr16	16332226	16333921	-	0.009998
Dnm1l	MmuINT0051778	chr16	16330103	16332093	-	0.008438
Dnm1l	MmuINT0051779	chr16	16324189	16329895	-	0.002944
Dnm2	MmuINT0051782	chr9	21229701	21261946	+	0.006107
Dnm2	MmuINT0051783	chr9	21284990	21285776	+	0.017773
Dnm2	MmuINT0051784	chr9	21285864	21290094	+	0.005509
Dnm2	MmuINT0051785	chr9	21290166	21294186	+	0.034149
Dnm2	MmuINT0051786	chr9	21294239	21295101	+	0.127088
Dnm2	MmuINT0051787	chr9	21295114	21298947	+	0.221899
Dnm2	MmuINT0051788	chr9	21299062	21303701	+	0.007411
Dnm2	MmuINT0051789	chr9	21303812	21304701	+	0.013467
Dnm2	MmuINT0051790	chr9	21304814	21307985	+	0.211672
Dnm2	MmuINT0051791	chr9	21308151	21308873	+	0.007985
Dnm2	MmuINT0051792	chr9	21309107	21309907	+	0.019604
Dnm2	MmuINT0051793	chr9	21262021	21270025	+	0.003435
Dnm2	MmuINT0051794	chr9	21310160	21310779	+	0.414052
Dnm2	MmuINT0051795	chr9	21270176	21271975	+	0.00316
Dnm2	MmuINT0051796	chr9	21272180	21275786	+	0.004755
Dnm2	MmuINT0051797	chr9	21275886	21277056	+	0.005267
Dnm2	MmuINT0051798	chr9	21277218	21278975	+	0.003677
Dnm2	MmuINT0051799	chr9	21279119	21280916	+	0.003562
Dnm2	MmuINT0051800	chr9	21281053	21282724	+	0.004663
Dnm2	MmuINT0051801	chr9	21282793	21284850	+	0.052455
Dnm3	MmuINT0051812	chr1	1.64E+08	1.64E+08	-	0.042348
Dnmbp	MmuINT0051823	chr19	43929620	43930991	-	0.04912
Dnmbp	MmuINT0051824	chr19	43928803	43929286	-	0.03388
Dnmbp	MmuINT0051825	chr19	43926913	43928622	-	0.043446
Dnmbp	MmuINT0051826	chr19	43924817	43926713	-	0.043724
Dnmbp	MmuINT0051827	chr19	43922769	43924265	-	0.025245
Dnmbp	MmuINT0051833	chr19	43942148	43943294	-	0.034202
Dnmbp	MmuINT0051834	chr19	43941184	43942016	-	0.026088



Dnmt1	MmuINT0051836	chr9	20747064	20757151	-	0.042262
Dnmt1	MmuINT0051837	chr9	20734610	20736558	-	0.045617
Dnmt1	MmuINT0051838	chr9	20733574	20734568	-	0.040167
Dnmt1	MmuINT0051839	chr9	20731616	20733491	-	0.046546
Dnmt1	MmuINT0051841	chr9	20731156	20731249	-	0.047651
Dnmt1	MmuINT0051842	chr9	20730999	20731074	-	0.029679
Dnmt1	MmuINT0051844	chr9	20728239	20728466	-	0.025999
Dnmt1	MmuINT0051845	chr9	20727362	20728145	-	0.034362
Dnmt1	MmuINT0051846	chr9	20726926	20727209	-	0.027298
Dnmt1	MmuINT0051848	chr9	20726645	20726737	-	0.021189
Dnmt1	MmuINT0051849	chr9	20724651	20726466	-	0.019799
Dnmt1	MmuINT0051850	chr9	20724432	20724552	-	0.022821
Dnmt1	MmuINT0051851	chr9	20722995	20724283	-	0.026555
Dnmt1	MmuINT0051852	chr9	20722765	20722878	-	0.027027
Dnmt1	MmuINT0051853	chr9	20722487	20722559	-	0.034426
Dnmt1	MmuINT0051854	chr9	20721915	20722349	-	0.026221
Dnmt1	MmuINT0051855	chr9	20720385	20721740	-	0.020496
Dnmt1	MmuINT0051856	chr9	20718534	20720165	-	0.014665
Dnmt1	MmuINT0051857	chr9	20717101	20718340	-	0.080621
Dnmt1	MmuINT0051858	chr9	20746028	20746142	-	0.036415
Dnmt1	MmuINT0051859	chr9	20716753	20717015	-	0.066207
Dnmt1	MmuINT0051860	chr9	20716460	20716623	-	0.032619
Dnmt1	MmuINT0051861	chr9	20716003	20716176	-	0.01864
Dnmt1	MmuINT0051862	chr9	20714751	20715860	-	0.029991
Dnmt1	MmuINT0051863	chr9	20714315	20714583	-	0.028833
Dnmt1	MmuINT0051864	chr9	20713730	20714136	-	0.018189
Dnmt1	MmuINT0051865	chr9	20713197	20713533	-	0.026739
Dnmt1	MmuINT0051866	chr9	20712406	20712915	-	0.021537
Dnmt1	MmuINT0051867	chr9	20712006	20712314	-	0.035765
Dnmt1	MmuINT0051869	chr9	20742591	20744919	-	0.036942
Dnmt1	MmuINT0051871	chr9	20741066	20741605	-	0.054436
Dnmt1	MmuINT0051873	chr9	20736644	20738962	-	0.043098
Dnmt3a	MmuINT0051875	chr12	3897043	3897297	+	0.007123
Dnmt3a	MmuINT0051876	chr12	3897448	3897564	+	0.017549
Dnmt3a	MmuINT0051877	chr12	3897610	3899192	+	0.041987
Dnmt3a	MmuINT0051878	chr12	3899273	3899586	+	0.030324
Dnmt3a	MmuINT0051879	chr12	3899700	3899863	+	0.020443
Dnmt3a	MmuINT0051880	chr12	3900048	3900276	+	0.015978
Dnmt3a	MmuINT0051881	chr12	3900362	3901548	+	0.017451
Dnmt3a	MmuINT0051882	chr12	3901695	3902380	+	0.055199
Dnmt3a	MmuINT0051883	chr12	3902472	3902665	+	0.038254
Dnmt3a	MmuINT0051884	chr12	3902815	3904139	+	0.023214
Dnmt3a	MmuINT0051885	chr12	3835261	3849634	+	0.012382
Dnmt3a	MmuINT0051886	chr12	3904226	3905592	+	0.052675
Dnmt3a	MmuINT0051887	chr12	3905663	3906764	+	0.004313
Dnmt3a	MmuINT0051888	chr12	3849740	3865984	+	0.014025
Dnmt3a	MmuINT0051889	chr12	3866253	3872834	+	0.019496
Dnmt3a	MmuINT0051890	chr12	3872879	3873281	+	0.021727
Dnmt3a	MmuINT0051891	chr12	3873429	3895542	+	0.013351
Dnmt3a	MmuINT0051892	chr12	3895759	3895989	+	0.014435

Dnmt3a	MmuINT0051893	chr12	3896149	3896577	+	0.018183
Dnmt3a	MmuINT0051894	chr12	3896686	3896885	+	0.01886
Dnpep	MmuINT0051938	chr1	75313379	75313465	-	0.298302
Dnpep	MmuINT0051939	chr1	75309141	75310000	-	0.006605
Dnpep	MmuINT0051940	chr1	75308607	75308979	-	0.005578
Dnpep	MmuINT0051941	chr1	75308469	75308566	-	0.003365
Dnpep	MmuINT0051942	chr1	75306042	75308366	-	0.002795
Dnpep	MmuINT0051943	chr1	75305285	75305873	-	0.030968
Dnpep	MmuINT0051944	chr1	75313205	75313284	-	0.003553
Dnpep	MmuINT0051945	chr1	75313019	75313115	-	0.004221
Dnpep	MmuINT0051946	chr1	75312646	75312904	-	0.003925
Dnpep	MmuINT0051947	chr1	75312325	75312519	-	0.02292
Dnpep	MmuINT0051948	chr1	75311996	75312193	-	0.008899
Dnpep	MmuINT0051949	chr1	75311813	75311919	-	0.005655
Dnpep	MmuINT0051950	chr1	75311017	75311704	-	0.005357
Dnpep	MmuINT0051951	chr1	75310085	75310938	-	0.004633
Dnttip1	MmuINT0051964	chr2	1.65E+08	1.65E+08	+	0.024867
Dnttip1	MmuINT0051965	chr2	1.65E+08	1.65E+08	+	0.021746
Dnttip1	MmuINT0051966	chr2	1.65E+08	1.65E+08	+	0.079075
Dnttip1	MmuINT0051967	chr2	1.65E+08	1.65E+08	+	0.034415
Dnttip1	MmuINT0051968	chr2	1.65E+08	1.65E+08	+	0.010724
Dnttip1	MmuINT0051971	chr2	1.65E+08	1.65E+08	+	0.022245
Dnttip1	MmuINT0051972	chr2	1.65E+08	1.65E+08	+	0.000756
Dnttip1	MmuINT0051973	chr2	1.65E+08	1.65E+08	+	0.025307
Dnttip1	MmuINT0051975	chr2	1.65E+08	1.65E+08	+	0.012645
Dnttip2	MmuINT0051976	chr3	1.22E+08	1.22E+08	+	0.008855
Dnttip2	MmuINT0051977	chr3	1.22E+08	1.22E+08	+	0.005594
Dnttip2	MmuINT0051978	chr3	1.22E+08	1.22E+08	+	0.018795
Dnttip2	MmuINT0051979	chr3	1.22E+08	1.22E+08	+	0.009563
Dnttip2	MmuINT0051980	chr3	1.22E+08	1.22E+08	+	0.020378
Dnttip2	MmuINT0051981	chr3	1.22E+08	1.22E+08	+	0.006732
Doc2a	MmuINT0051983	chr7	1.34E+08	1.34E+08	+	0.943987
Doc2a	MmuINT0051991	chr7	1.34E+08	1.34E+08	+	0.938023
Doc2g	MmuINT0052000	chr19	4003402	4003510	+	0.032299
Doc2g	MmuINT0052001	chr19	4006649	4006718	+	0.024891
Doc2g	MmuINT0052002	chr19	4003815	4003944	+	0.041306
Doc2g	MmuINT0052003	chr19	4004025	4004095	+	0.046048
Doc2g	MmuINT0052004	chr19	4004168	4004322	+	0.014686
Doc2g	MmuINT0052005	chr19	4004433	4004512	+	0.008736
Doc2g	MmuINT0052006	chr19	4004649	4004762	+	0.004796
Doc2g	MmuINT0052007	chr19	4004817	4006109	+	0.126515
Doc2g	MmuINT0052008	chr19	4006268	4006357	+	0.002476
Doc2g	MmuINT0052009	chr19	4006440	4006551	+	0.001544
Dock1	MmuINT0052011	chr7	1.42E+08	1.42E+08	+	0.022975
Dock1	MmuINT0052012	chr7	1.42E+08	1.42E+08	+	0.108076
Dock1	MmuINT0052013	chr7	1.42E+08	1.42E+08	+	0.033123
Dock1	MmuINT0052014	chr7	1.42E+08	1.42E+08	+	0.015232
Dock1	MmuINT0052015	chr7	1.42E+08	1.42E+08	+	0.025863
Dock1	MmuINT0052016	chr7	1.42E+08	1.42E+08	+	0.027326
Dock1	MmuINT0052017	chr7	1.42E+08	1.42E+08	+	0.014392

Dock1	MmuINT0052018	chr7	1.42E+08	1.42E+08	+	0.0169
Dock1	MmuINT0052019	chr7	1.42E+08	1.42E+08	+	0.016768
Dock1	MmuINT0052020	chr7	1.42E+08	1.42E+08	+	0.019172
Dock1	MmuINT0052022	chr7	1.42E+08	1.42E+08	+	0.02149
Dock1	MmuINT0052023	chr7	1.42E+08	1.42E+08	+	0.062835
Dock1	MmuINT0052024	chr7	1.42E+08	1.42E+08	+	0.021147
Dock1	MmuINT0052025	chr7	1.42E+08	1.42E+08	+	0.037196
Dock1	MmuINT0052026	chr7	1.42E+08	1.42E+08	+	0.025536
Dock1	MmuINT0052027	chr7	1.42E+08	1.42E+08	+	0.018436
Dock1	MmuINT0052028	chr7	1.42E+08	1.42E+08	+	0.022419
Dock1	MmuINT0052029	chr7	1.42E+08	1.42E+08	+	0.019469
Dock1	MmuINT0052030	chr7	1.42E+08	1.42E+08	+	0.029502
Dock1	MmuINT0052031	chr7	1.42E+08	1.42E+08	+	0.032166
Dock1	MmuINT0052033	chr7	1.42E+08	1.42E+08	+	0.023146
Dock1	MmuINT0052034	chr7	1.42E+08	1.42E+08	+	0.020815
Dock1	MmuINT0052035	chr7	1.42E+08	1.42E+08	+	0.024708
Dock1	MmuINT0052036	chr7	1.42E+08	1.42E+08	+	0.018062
Dock1	MmuINT0052037	chr7	1.42E+08	1.42E+08	+	0.020647
Dock1	MmuINT0052038	chr7	1.42E+08	1.42E+08	+	0.021131
Dock1	MmuINT0052039	chr7	1.42E+08	1.42E+08	+	0.04048
Dock1	MmuINT0052040	chr7	1.42E+08	1.42E+08	+	0.015169
Dock1	MmuINT0052041	chr7	1.42E+08	1.42E+08	+	0.01629
Dock1	MmuINT0052042	chr7	1.42E+08	1.42E+08	+	0.019772
Dock1	MmuINT0052044	chr7	1.42E+08	1.42E+08	+	0.018833
Dock1	MmuINT0052045	chr7	1.42E+08	1.42E+08	+	0.013393
Dock1	MmuINT0052046	chr7	1.42E+08	1.42E+08	+	0.015749
Dock1	MmuINT0052047	chr7	1.42E+08	1.42E+08	+	0.023364
Dock1	MmuINT0052048	chr7	1.42E+08	1.42E+08	+	0.023744
Dock1	MmuINT0052049	chr7	1.42E+08	1.42E+08	+	0.014593
Dock1	MmuINT0052050	chr7	1.42E+08	1.42E+08	+	0.019085
Dock1	MmuINT0052051	chr7	1.42E+08	1.42E+08	+	0.017531
Dock1	MmuINT0052052	chr7	1.42E+08	1.42E+08	+	0.014516
Dock1	MmuINT0052053	chr7	1.42E+08	1.42E+08	+	0.012259
Dock1	MmuINT0052054	chr7	1.42E+08	1.42E+08	+	0.029578
Dock1	MmuINT0052055	chr7	1.42E+08	1.42E+08	+	0.011297
Dock1	MmuINT0052056	chr7	1.42E+08	1.42E+08	+	0.027974
Dock1	MmuINT0052057	chr7	1.42E+08	1.42E+08	+	0.01983
Dock1	MmuINT0052058	chr7	1.42E+08	1.42E+08	+	0.016211
Dock1	MmuINT0052059	chr7	1.42E+08	1.42E+08	+	0.022961
Dock1	MmuINT0052060	chr7	1.42E+08	1.42E+08	+	0.021165
Dock10	MmuINT0052111	chr1	80498402	80501899	-	0.224366
Dock11	MmuINT0052158	chrX	33602423	33606864	+	0.057283
Dock11	MmuINT0052159	chrX	33607076	33607654	+	0.06581
Dock11	MmuINT0052161	chrX	33607846	33608324	+	0.056372
Dock11	MmuINT0052162	chrX	33608426	33609842	+	0.060403
Dock2	MmuINT0052211	chr11	34129595	34130655	-	0.318372
Dock4	MmuINT0052273	chr12	41399461	41403288	+	0.065236
Dock4	MmuINT0052279	chr12	41452391	41456435	+	0.046078
Dock4	MmuINT0052300	chr12	41526338	41533435	+	0.041581
Dock4	MmuINT0052301	chr12	41533585	41537031	+	0.043332

Dock4	MmuINT0052303	chr12	41538912	41542776	+	0.064758
Dock4	MmuINT0052305	chr12	41542919	41544175	+	0.062027
Dock4	MmuINT0052306	chr12	41544343	41547178	+	0.120218
Dock4	MmuINT0052307	chr12	41547266	41555366	+	0.062178
Dock4	MmuINT0052308	chr12	41555544	41556198	+	0.067124
Dock4	MmuINT0052309	chr12	41556283	41558800	+	0.060781
Dock4	MmuINT0052310	chr12	41558921	41559229	+	0.052035
Dock4	MmuINT0052311	chr12	41559352	41559701	+	0.036287
Dock4	MmuINT0052312	chr12	41559823	41560962	+	0.095463
Dock4	MmuINT0052313	chr12	41561045	41561207	+	0.03857
Dock4	MmuINT0052314	chr12	41561318	41563216	+	0.143566
Dock4	MmuINT0052316	chr12	41563290	41565027	+	0.067582
Dock4	MmuINT0052317	chr12	41565142	41567823	+	0.083281
Dock4	MmuINT0052318	chr12	41567886	41570796	+	0.313717
Dock5	MmuINT0052344	chr14	68410357	68411992	-	0.053921
Dock5	MmuINT0052355	chr14	68392655	68394302	-	0.056958
Dock5	MmuINT0052357	chr14	68391251	68392549	-	0.061454
Dock5	MmuINT0052358	chr14	68389828	68391108	-	0.044454
Dock5	MmuINT0052361	chr14	68385487	68388288	-	0.052973
Dock5	MmuINT0052362	chr14	68383998	68385309	-	0.053351
Dock5	MmuINT0052363	chr14	68382789	68383913	-	0.049365
Dock5	MmuINT0052364	chr14	68381384	68382650	-	0.059839
Dock5	MmuINT0052365	chr14	68377257	68381216	-	0.037482
Dock5	MmuINT0052368	chr14	68375266	68375993	-	0.055517
Dock5	MmuINT0052369	chr14	68374580	68375164	-	0.039851
Dock6	MmuINT0052375	chr9	21644217	21644315	-	0.0231
Dock6	MmuINT0052376	chr9	21643925	21644068	-	0.013589
Dock6	MmuINT0052377	chr9	21643681	21643796	-	0.018896
Dock6	MmuINT0052378	chr9	21643358	21643586	-	0.01696
Dock6	MmuINT0052379	chr9	21638086	21643194	-	0.022174
Dock6	MmuINT0052380	chr9	21637879	21637967	-	0.018707
Dock6	MmuINT0052381	chr9	21637618	21637807	-	0.018804
Dock6	MmuINT0052382	chr9	21637390	21637478	-	0.015257
Dock6	MmuINT0052383	chr9	21636381	21637283	-	0.472782
Dock6	MmuINT0052384	chr9	21636088	21636297	-	0.039515
Dock6	MmuINT0052385	chr9	21651119	21651628	-	0.057771
Dock6	MmuINT0052386	chr9	21635639	21635855	-	0.022162
Dock6	MmuINT0052387	chr9	21634822	21635476	-	0.015524
Dock6	MmuINT0052388	chr9	21634023	21634657	-	0.305263
Dock6	MmuINT0052391	chr9	21628982	21629878	-	0.022827
Dock6	MmuINT0052392	chr9	21626293	21628840	-	0.03736
Dock6	MmuINT0052393	chr9	21626071	21626178	-	0.011621
Dock6	MmuINT0052394	chr9	21625106	21625899	-	0.032561
Dock6	MmuINT0052395	chr9	21624877	21624965	-	0.015204
Dock6	MmuINT0052397	chr9	21622418	21624706	-	0.01756
Dock6	MmuINT0052398	chr9	21621910	21622256	-	0.013257
Dock6	MmuINT0052399	chr9	21620884	21621726	-	0.043323
Dock6	MmuINT0052400	chr9	21620430	21620756	-	0.023746
Dock6	MmuINT0052401	chr9	21619252	21620344	-	0.018302
Dock6	MmuINT0052402	chr9	21619048	21619154	-	0.012094

Dock6	MmuINT0052403	chr9	21617982	21618912	-	0.014101
Dock6	MmuINT0052404	chr9	21617555	21617828	-	0.047179
Dock6	MmuINT0052405	chr9	21616319	21617395	-	0.026524
Dock6	MmuINT0052408	chr9	21614109	21614191	-	0.016242
Dock6	MmuINT0052409	chr9	21609295	21613964	-	0.00833
Dock6	MmuINT0052410	chr9	21609069	21609162	-	0.007642
Dock6	MmuINT0052411	chr9	21607563	21609053	-	0.148774
Dock6	MmuINT0052412	chr9	21607348	21607436	-	0.023566
Dock6	MmuINT0052413	chr9	21607034	21607257	-	0.012938
Dock6	MmuINT0052414	chr9	21606313	21606796	-	0.005848
Dock6	MmuINT0052415	chr9	21606073	21606168	-	0.117521
Dock6	MmuINT0052416	chr9	21605777	21605965	-	0.059009
Dock6	MmuINT0052417	chr9	21604844	21605614	-	0.139085
Dock6	MmuINT0052418	chr9	21648864	21649887	-	0.045789
Dock6	MmuINT0052420	chr9	21646421	21647376	-	0.032921
Dock6	MmuINT0052421	chr9	21646087	21646353	-	0.023902
Dock6	MmuINT0052422	chr9	21644397	21645936	-	0.023078
Dock7	MmuINT0052439	chr4	98656049	98658054	-	0.061474
Dock7	MmuINT0052443	chr4	98644725	98651380	-	0.03138
Dock7	MmuINT0052444	chr4	98642719	98644554	-	0.031144
Dock7	MmuINT0052446	chr4	98640237	98642563	-	0.033444
Dock7	MmuINT0052447	chr4	98639954	98640053	-	0.032091
Dock7	MmuINT0052448	chr4	98637583	98639817	-	0.033887
Dock7	MmuINT0052449	chr4	98636418	98637485	-	0.02413
Dock7	MmuINT0052450	chr4	98634049	98636320	-	0.04616
Dock7	MmuINT0052451	chr4	98633136	98633913	-	0.044917
Dock7	MmuINT0052452	chr4	98629051	98632982	-	0.036125
Dock7	MmuINT0052453	chr4	98628129	98628891	-	0.04478
Dock7	MmuINT0052454	chr4	98625861	98628027	-	0.032219
Dock7	MmuINT0052455	chr4	98624897	98625667	-	0.034412
Dock7	MmuINT0052457	chr4	98622139	98624752	-	0.024933
Dock7	MmuINT0052459	chr4	98612266	98613319	-	0.035326
Dock7	MmuINT0052460	chr4	98612056	98612175	-	0.040746
Dock7	MmuINT0052461	chr4	98611475	98611818	-	0.02181
Dock7	MmuINT0052462	chr4	98609388	98611330	-	0.034635
Dock7	MmuINT0052463	chr4	98607753	98609280	-	0.023684
Dock7	MmuINT0052464	chr4	98603992	98607584	-	0.041046
Dock8	MmuINT0052489	chr19	25228791	25230373	+	0.550631
Dock8	MmuINT0052490	chr19	25230514	25232842	+	0.027255
Dock8	MmuINT0052491	chr19	25233013	25235505	+	0.025288
Dock8	MmuINT0052493	chr19	25235646	25237430	+	0.024992
Dock8	MmuINT0052494	chr19	25237614	25237937	+	0.038863
Dock8	MmuINT0052495	chr19	25238068	25238810	+	0.024082
Dock8	MmuINT0052496	chr19	25238899	25243892	+	0.031219
Dock8	MmuINT0052497	chr19	25243990	25245990	+	0.02677
Dock8	MmuINT0052498	chr19	25246126	25246946	+	0.023794
Dock8	MmuINT0052499	chr19	25247100	25248663	+	0.023936
Dock8	MmuINT0052500	chr19	25248823	25249849	+	0.018468
Dock8	MmuINT0052501	chr19	25249951	25251317	+	0.026014
Dock8	MmuINT0052504	chr19	25256196	25257450	+	0.020603

Dock8	MmuINT0052505	chr19	25257583	25257978	+	0.019711
Dock8	MmuINT0052506	chr19	25258114	25259340	+	0.024959
Dock8	MmuINT0052507	chr19	25259431	25262826	+	0.022054
Dock8	MmuINT0052508	chr19	25263064	25266676	+	0.041272
Dock8	MmuINT0052509	chr19	25266821	25267898	+	0.030254
Dock8	MmuINT0052510	chr19	25268006	25274863	+	0.020418
Dock8	MmuINT0052511	chr19	25275035	25275476	+	0.02214
Dock9	MmuINT0052528	chr14	1.22E+08	1.22E+08	-	0.024472
Dock9	MmuINT0052529	chr14	1.22E+08	1.22E+08	-	0.031948
Dock9	MmuINT0052535	chr14	1.22E+08	1.22E+08	-	0.02918
Dock9	MmuINT0052538	chr14	1.22E+08	1.22E+08	-	0.032188
Dock9	MmuINT0052542	chr14	1.22E+08	1.22E+08	-	0.031891
Dock9	MmuINT0052543	chr14	1.22E+08	1.22E+08	-	0.037586
Dock9	MmuINT0052544	chr14	1.22E+08	1.22E+08	-	0.024769
Dock9	MmuINT0052545	chr14	1.22E+08	1.22E+08	-	0.023013
Dock9	MmuINT0052546	chr14	1.22E+08	1.22E+08	-	0.03505
Dock9	MmuINT0052548	chr14	1.22E+08	1.22E+08	-	0.021137
Dock9	MmuINT0052549	chr14	1.22E+08	1.22E+08	-	0.022647
Dock9	MmuINT0052550	chr14	1.22E+08	1.22E+08	-	0.025912
Dock9	MmuINT0052551	chr14	1.22E+08	1.22E+08	-	0.017416
Dock9	MmuINT0052555	chr14	1.22E+08	1.22E+08	-	0.018007
Dock9	MmuINT0052557	chr14	1.22E+08	1.22E+08	-	0.014479
Dock9	MmuINT0052558	chr14	1.22E+08	1.22E+08	-	0.014451
Dock9	MmuINT0052559	chr14	1.22E+08	1.22E+08	-	0.011391
Dock9	MmuINT0052560	chr14	1.22E+08	1.22E+08	-	0.01996
Dock9	MmuINT0052561	chr14	1.22E+08	1.22E+08	-	0.02509
Dock9	MmuINT0052562	chr14	1.22E+08	1.22E+08	-	0.01547
Dock9	MmuINT0052564	chr14	1.22E+08	1.22E+08	-	0.010446
Dock9	MmuINT0052566	chr14	1.22E+08	1.22E+08	-	0.031364
Dock9	MmuINT0052567	chr14	1.22E+08	1.22E+08	-	0.010034
Dock9	MmuINT0052571	chr14	1.22E+08	1.22E+08	-	0.029463
Dock9	MmuINT0052573	chr14	1.22E+08	1.22E+08	-	0.033537
Dohh	MmuINT0052577	chr10	80847324	80848463	+	0.024979
Dohh	MmuINT0052578	chr10	80848793	80849157	+	0.006779
Dohh	MmuINT0052579	chr10	80849235	80849984	+	0.009355
Dohh	MmuINT0052580	chr10	80850226	80850451	+	0.012211
Dok1	MmuINT0052582	chr6	82982623	82982760	-	0.059728
Dok1	MmuINT0052584	chr6	82982055	82982224	-	0.129729
Dok2	MmuINT0052585	chr14	71174317	71175272	+	0.46092
Dok2	MmuINT0052587	chr14	71175879	71176622	+	0.053085
Dok3	MmuINT0052589	chr13	55628999	55629809	-	0.699564
Dok3	MmuINT0052590	chr13	55625942	55628692	-	0.099015
Dok3	MmuINT0052591	chr13	55625753	55625841	-	0.272559
Dok3	MmuINT0052592	chr13	55625473	55625579	-	0.13239
Dok4	MmuINT0052594	chr8	97391400	97394759	-	0.047608
Dok4	MmuINT0052595	chr8	97391143	97391291	-	0.03129
Dok4	MmuINT0052596	chr8	97390768	97391027	-	0.018376
Dok4	MmuINT0052597	chr8	97390547	97390647	-	0.021088
Dok4	MmuINT0052598	chr8	97389660	97390356	-	0.054659
Dok4	MmuINT0052599	chr8	97389363	97389520	-	0.02819

Dok4	MmuINT0052600	chr8	97389148	97389241	-	0.036924
Dok7	MmuINT0052614	chr5	35399787	35406982	+	0.103146
Dok7	MmuINT0052615	chr5	35407214	35409098	+	0.02928
Dok7	MmuINT0052616	chr5	35409300	35417951	+	0.033517
Dok7	MmuINT0052617	chr5	35418072	35419796	+	0.028302
Dok7	MmuINT0052618	chr5	35419917	35421679	+	0.134026
Dok7	MmuINT0052620	chr5	35425856	35429196	+	0.061226
Dolpp1	MmuINT0052622	chr2	30248033	30251178	+	0.077406
Dolpp1	MmuINT0052623	chr2	30251280	30251496	+	0.04513
Dolpp1	MmuINT0052624	chr2	30251582	30251672	+	0.028201
Dolpp1	MmuINT0052625	chr2	30251773	30251951	+	0.19582
Dolpp1	MmuINT0052626	chr2	30252051	30252538	+	0.074716
Dolpp1	MmuINT0052627	chr2	30252668	30252987	+	0.219801
Dolpp1	MmuINT0052628	chr2	30253078	30254661	+	0.194943
Dom3z	MmuINT0052629	chr17	34974700	34974845	+	0.157862
Dom3z	MmuINT0052630	chr17	34975082	34975170	+	0.303182
Dom3z	MmuINT0052631	chr17	34975391	34975492	+	0.070979
Dom3z	MmuINT0052632	chr17	34975629	34975757	+	0.116147
Dom3z	MmuINT0052633	chr17	34975853	34975931	+	0.135311
Donson	MmuINT0052637	chr16	91684726	91686411	-	0.05196
Donson	MmuINT0052638	chr16	91684057	91684546	-	0.374363
Donson	MmuINT0052639	chr16	91683067	91683877	-	0.057934
Donson	MmuINT0052640	chr16	91682866	91682987	-	0.104194
Donson	MmuINT0052641	chr16	91682539	91682760	-	0.059053
Donson	MmuINT0052642	chr16	91681615	91682339	-	0.236756
Donson	MmuINT0052643	chr16	91680272	91681401	-	0.066426
Dopey1	MmuINT0052653	chr9	86409018	86410573	+	0.079853
Dopey1	MmuINT0052654	chr9	86410672	86411760	+	0.029359
Dopey1	MmuINT0052657	chr9	86415467	86416369	+	0.024485
Dopey1	MmuINT0052658	chr9	86416482	86416560	+	0.123249
Dopey1	MmuINT0052659	chr9	86416744	86417830	+	0.028326
Dopey1	MmuINT0052660	chr9	86417957	86420378	+	0.02019
Dopey1	MmuINT0052661	chr9	86420514	86425321	+	0.089156
Dopey1	MmuINT0052662	chr9	86425378	86426536	+	0.042841
Dopey1	MmuINT0052663	chr9	86426642	86429514	+	0.039821
Dopey1	MmuINT0052664	chr9	86429582	86429721	+	0.048418
Dopey1	MmuINT0052665	chr9	86429867	86430049	+	0.030386
Dopey1	MmuINT0052666	chr9	86379211	86380860	+	0.031558
Dopey1	MmuINT0052667	chr9	86430130	86435965	+	0.023693
Dopey1	MmuINT0052668	chr9	86436076	86436341	+	0.042763
Dopey1	MmuINT0052669	chr9	86436492	86436615	+	0.02625
Dopey1	MmuINT0052670	chr9	86436678	86438847	+	0.029839
Dopey1	MmuINT0052671	chr9	86439001	86441776	+	0.139692
Dopey1	MmuINT0052672	chr9	86441914	86442407	+	0.223913
Dopey1	MmuINT0052673	chr9	86442464	86443609	+	0.277205
Dopey1	MmuINT0052674	chr9	86443775	86445252	+	0.134568
Dopey1	MmuINT0052676	chr9	86383356	86385587	+	0.04459
Dopey1	MmuINT0052677	chr9	86385778	86388002	+	0.049192
Dopey1	MmuINT0052678	chr9	86388102	86394402	+	0.040152
Dopey2	MmuINT0052682	chr16	93716558	93739398	+	0.034931

Dopey2	MmuINT0052688	chr16	93763675	93764136	+	0.042836
Dopey2	MmuINT0052689	chr16	93764290	93765682	+	0.028287
Dopey2	MmuINT0052691	chr16	93766562	93769638	+	0.032623
Dopey2	MmuINT0052692	chr16	93771272	93771990	+	0.037071
Dopey2	MmuINT0052693	chr16	93772103	93774165	+	0.026041
Dopey2	MmuINT0052694	chr16	93774355	93777131	+	0.033054
Dopey2	MmuINT0052695	chr16	93777255	93777603	+	0.02592
Dopey2	MmuINT0052696	chr16	93777739	93781001	+	0.068533
Dopey2	MmuINT0052697	chr16	93781058	93782445	+	0.059952
Dopey2	MmuINT0052698	chr16	93782551	93782656	+	0.039369
Dopey2	MmuINT0052699	chr16	93782724	93793331	+	0.087065
Dopey2	MmuINT0052701	chr16	93799231	93800151	+	0.040228
Dopey2	MmuINT0052702	chr16	93800262	93800345	+	0.071132
Dopey2	MmuINT0052703	chr16	93800493	93801805	+	0.055938
Dopey2	MmuINT0052704	chr16	93801868	93803706	+	0.043566
Dopey2	MmuINT0052705	chr16	93803836	93806579	+	0.083887
Dopey2	MmuINT0052706	chr16	93806717	93807457	+	0.047065
Dopey2	MmuINT0052707	chr16	93807511	93808062	+	0.0924
Dopey2	MmuINT0052708	chr16	93808225	93809536	+	0.034931
Dopey2	MmuINT0052709	chr16	93809667	93810340	+	0.036368
Dopey2	MmuINT0052712	chr16	93750259	93752368	+	0.047999
Dopey2	MmuINT0052713	chr16	93752479	93753079	+	0.040402
Dot1l	MmuINT0052726	chr10	80218270	80227346	+	0.02785
Dot1l	MmuINT0052727	chr10	80243657	80244112	+	0.028256
Dot1l	MmuINT0052728	chr10	80244220	80244887	+	0.027931
Dot1l	MmuINT0052729	chr10	80244930	80245928	+	0.018083
Dot1l	MmuINT0052730	chr10	80246037	80246168	+	0.011904
Dot1l	MmuINT0052731	chr10	80246401	80246617	+	0.008297
Dot1l	MmuINT0052732	chr10	80246732	80247309	+	0.015807
Dot1l	MmuINT0052733	chr10	80247402	80247486	+	0.02003
Dot1l	MmuINT0052734	chr10	80247589	80247794	+	0.027697
Dot1l	MmuINT0052735	chr10	80247933	80248242	+	0.057647
Dot1l	MmuINT0052736	chr10	80248369	80248526	+	0.012398
Dot1l	MmuINT0052737	chr10	80227391	80228907	+	0.024784
Dot1l	MmuINT0052738	chr10	80249012	80249098	+	0.026226
Dot1l	MmuINT0052739	chr10	80249235	80249748	+	0.022503
Dot1l	MmuINT0052740	chr10	80249896	80250578	+	0.080463
Dot1l	MmuINT0052741	chr10	80250709	80251259	+	0.013261
Dot1l	MmuINT0052742	chr10	80251838	80252058	+	0.011647
Dot1l	MmuINT0052743	chr10	80252265	80253064	+	0.044723
Dot1l	MmuINT0052744	chr10	80253130	80253355	+	0.059035
Dot1l	MmuINT0052745	chr10	80254307	80256251	+	0.497479
Dot1l	MmuINT0052746	chr10	80228983	80231349	+	0.016448
Dot1l	MmuINT0052747	chr10	80231414	80233882	+	0.010838
Dot1l	MmuINT0052748	chr10	80234112	80235848	+	0.026587
Dot1l	MmuINT0052749	chr10	80235944	80236450	+	0.010891
Dot1l	MmuINT0052750	chr10	80236514	80240300	+	0.050488
Dot1l	MmuINT0052751	chr10	80240357	80241007	+	0.093343
Dot1l	MmuINT0052752	chr10	80241088	80243587	+	0.033238
Dpagt1	MmuINT0052756	chr9	44135289	44135634	+	0.023736



Dpagt1	MmuINT0052757	chr9	44135756	44136035	+	0.036274
Dpagt1	MmuINT0052758	chr9	44136250	44137073	+	0.008863
Dpagt1	MmuINT0052759	chr9	44137221	44139200	+	0.021819
Dpagt1	MmuINT0052760	chr9	44139286	44139986	+	0.013961
Dpagt1	MmuINT0052761	chr9	44140176	44140645	+	0.016896
Dpagt1	MmuINT0052762	chr9	44140734	44140898	+	0.079599
Dpagt1	MmuINT0052763	chr9	44141055	44141139	+	0.015939
Dpcd	MmuINT0052764	chr19	45635198	45639400	+	0.016645
Dpcd	MmuINT0052765	chr19	45639482	45646374	+	0.00894
Dpcd	MmuINT0052766	chr19	45646500	45646894	+	0.007682
Dpcd	MmuINT0052767	chr19	45647029	45651482	+	0.014573
Dpcd	MmuINT0052768	chr19	45651586	45651960	+	0.018211
Dpep1	MmuINT0052771	chr8	1.26E+08	1.26E+08	+	0.009348
Dpep1	MmuINT0052772	chr8	1.26E+08	1.26E+08	+	0.037136
Dpep1	MmuINT0052773	chr8	1.26E+08	1.26E+08	+	0.043277
Dpep1	MmuINT0052774	chr8	1.26E+08	1.26E+08	+	0.04507
Dpep1	MmuINT0052775	chr8	1.26E+08	1.26E+08	+	0.049841
Dpep1	MmuINT0052776	chr8	1.26E+08	1.26E+08	+	0.041669
Dpep1	MmuINT0052777	chr8	1.26E+08	1.26E+08	+	0.035864
Dpep1	MmuINT0052778	chr8	1.26E+08	1.26E+08	+	0.08722
Dpep1	MmuINT0052779	chr8	1.26E+08	1.26E+08	+	0.116475
Dpep1	MmuINT0052780	chr8	1.26E+08	1.26E+08	+	0.097586
Dpf2	MmuINT0052812	chr19	5907162	5912740	-	0.007996
Dpf2	MmuINT0052813	chr19	5898632	5901216	-	0.029673
Dpf2	MmuINT0052814	chr19	5906632	5907000	-	0.006323
Dpf2	MmuINT0052816	chr19	5904547	5905388	-	0.091855
Dpf2	MmuINT0052817	chr19	5904319	5904453	-	0.005732
Dpf2	MmuINT0052818	chr19	5902769	5904239	-	0.599282
Dpf2	MmuINT0052819	chr19	5902492	5902630	-	0.044118
Dpf2	MmuINT0052820	chr19	5902217	5902362	-	0.00931
Dpf2	MmuINT0052821	chr19	5901299	5902103	-	0.020999
Dpf3	MmuINT0052823	chr12	84451883	84711549	-	0.020946
Dpf3	MmuINT0052825	chr12	84426021	84432849	-	0.015059
Dph1	MmuINT0052830	chr11	74999618	75003900	-	0.02852
Dph1	MmuINT0052831	chr11	74992816	74993227	-	0.021064
Dph1	MmuINT0052832	chr11	74992534	74992674	-	0.051684
Dph1	MmuINT0052834	chr11	74999351	74999464	-	0.028807
Dph1	MmuINT0052835	chr11	74997792	74999286	-	0.099645
Dph1	MmuINT0052836	chr11	74997129	74997669	-	0.040028
Dph1	MmuINT0052837	chr11	74996826	74996970	-	0.049688
Dph1	MmuINT0052838	chr11	74994864	74996703	-	0.054287
Dph1	MmuINT0052839	chr11	74994447	74994794	-	0.101098
Dph1	MmuINT0052840	chr11	74994164	74994289	-	0.086254
Dph1	MmuINT0052841	chr11	74993307	74994062	-	0.115619
Dph2	MmuINT0052842	chr4	1.18E+08	1.18E+08	-	0.046141
Dph2	MmuINT0052843	chr4	1.18E+08	1.18E+08	-	0.112176
Dph2	MmuINT0052844	chr4	1.18E+08	1.18E+08	-	0.112215
Dph2	MmuINT0052845	chr4	1.18E+08	1.18E+08	-	0.135014
Dph2	MmuINT0052846	chr4	1.18E+08	1.18E+08	-	0.120624
Dph3	MmuINT0052848	chr14	32898168	32898595	-	0.051292

Dph5	MmuINT0052850	chr3	1.16E+08	1.16E+08	+	0.026019
Dph5	MmuINT0052851	chr3	1.16E+08	1.16E+08	+	0.016641
Dph5	MmuINT0052852	chr3	1.16E+08	1.16E+08	+	0.027521
Dph5	MmuINT0052853	chr3	1.16E+08	1.16E+08	+	0.045822
Dph5	MmuINT0052854	chr3	1.16E+08	1.16E+08	+	0.028248
Dph5	MmuINT0052855	chr3	1.16E+08	1.16E+08	+	0.062305
Dph5	MmuINT0052856	chr3	1.16E+08	1.16E+08	+	0.019171
Dpm1	MmuINT0052857	chr2	1.68E+08	1.68E+08	-	0.007175
Dpm1	MmuINT0052858	chr2	1.68E+08	1.68E+08	-	0.002938
Dpm1	MmuINT0052859	chr2	1.68E+08	1.68E+08	-	0.002767
Dpm1	MmuINT0052860	chr2	1.68E+08	1.68E+08	-	0.0061
Dpm1	MmuINT0052861	chr2	1.68E+08	1.68E+08	-	0.008872
Dpm1	MmuINT0052862	chr2	1.68E+08	1.68E+08	-	0.015883
Dpm1	MmuINT0052863	chr2	1.68E+08	1.68E+08	-	0.006706
Dpm1	MmuINT0052864	chr2	1.68E+08	1.68E+08	-	0.006847
Dpm2	MmuINT0052865	chr2	32426433	32426725	+	0.224899
Dpm2	MmuINT0052866	chr2	32426816	32427816	+	0.154149
Dpm2	MmuINT0052867	chr2	32427920	32428478	+	0.106975
Dpm3	MmuINT0052868	chr3	89070529	89070650	+	0.035572
Dpp3	MmuINT0052894	chr19	4927060	4928219	-	0.027576
Dpp3	MmuINT0052895	chr19	4916811	4916891	-	0.011384
Dpp3	MmuINT0052896	chr19	4916372	4916697	-	0.008605
Dpp3	MmuINT0052897	chr19	4915082	4916278	-	0.011087
Dpp3	MmuINT0052898	chr19	4914935	4915018	-	0.014486
Dpp3	MmuINT0052899	chr19	4914701	4914809	-	0.02343
Dpp3	MmuINT0052900	chr19	4913953	4914579	-	0.010016
Dpp3	MmuINT0052901	chr19	4910009	4913772	-	0.014766
Dpp3	MmuINT0052902	chr19	4907798	4909845	-	0.039422
Dpp3	MmuINT0052903	chr19	4923774	4926784	-	0.01327
Dpp3	MmuINT0052904	chr19	4923205	4923683	-	0.009172
Dpp3	MmuINT0052905	chr19	4922397	4923066	-	0.014484
Dpp3	MmuINT0052906	chr19	4921235	4922321	-	0.064393
Dpp3	MmuINT0052907	chr19	4918376	4921140	-	0.014751
Dpp3	MmuINT0052908	chr19	4918151	4918244	-	0.01129
Dpp3	MmuINT0052909	chr19	4917931	4918019	-	0.017022
Dpp3	MmuINT0052910	chr19	4917087	4917871	-	0.014488
Dpp7	MmuINT0052962	chr2	25211663	25211750	-	0.156994
Dpp7	MmuINT0052963	chr2	25208738	25208879	-	0.508467
Dpp7	MmuINT0052964	chr2	25208277	25208672	-	0.170482
Dpp7	MmuINT0052965	chr2	25208087	25208205	-	0.082246
Dpp7	MmuINT0052966	chr2	25211474	25211548	-	0.100271
Dpp7	MmuINT0052968	chr2	25210549	25211077	-	0.609699
Dpp7	MmuINT0052969	chr2	25210343	25210412	-	0.344881
Dpp7	MmuINT0052970	chr2	25210155	25210260	-	0.19055
Dpp7	MmuINT0052971	chr2	25209814	25209987	-	0.195957
Dpp7	MmuINT0052972	chr2	25209247	25209752	-	0.603945
Dpp7	MmuINT0052973	chr2	25209037	25209127	-	0.339856
Dpp8	MmuINT0052974	chr9	64880431	64882681	+	0.065315
Dpp8	MmuINT0052975	chr9	64902327	64902634	+	0.004748
Dpp8	MmuINT0052976	chr9	64902813	64903598	+	0.005161

Dpp8	MmuINT0052977	chr9	64903759	64908009	+	0.004209
Dpp8	MmuINT0052978	chr9	64908090	64911233	+	0.003032
Dpp8	MmuINT0052979	chr9	64911387	64911625	+	0.005553
Dpp8	MmuINT0052980	chr9	64911762	64914157	+	0.005435
Dpp8	MmuINT0052981	chr9	64914304	64922245	+	0.00462
Dpp8	MmuINT0052982	chr9	64922393	64923542	+	0.038253
Dpp8	MmuINT0052983	chr9	64923696	64925769	+	0.003744
Dpp8	MmuINT0052984	chr9	64925913	64926480	+	0.009585
Dpp8	MmuINT0052985	chr9	64882819	64884775	+	0.002904
Dpp8	MmuINT0052986	chr9	64926593	64928537	+	0.01609
Dpp8	MmuINT0052987	chr9	64885049	64890070	+	0.003929
Dpp8	MmuINT0052988	chr9	64890184	64891492	+	0.003516
Dpp8	MmuINT0052989	chr9	64891667	64893426	+	0.003606
Dpp8	MmuINT0052990	chr9	64893596	64899196	+	0.006744
Dpp8	MmuINT0052991	chr9	64899308	64900851	+	0.006495
Dpp8	MmuINT0052992	chr9	64900981	64901575	+	0.004676
Dpp8	MmuINT0052993	chr9	64901638	64902225	+	0.006352
Dpp9	MmuINT0052995	chr17	56338857	56340005	-	0.00546
Dpp9	MmuINT0052996	chr17	56338558	56338678	-	0.003968
Dpp9	MmuINT0052997	chr17	56335591	56338394	-	0.00829
Dpp9	MmuINT0052998	chr17	56334484	56335510	-	0.006233
Dpp9	MmuINT0052999	chr17	56333975	56334330	-	0.010271
Dpp9	MmuINT0053000	chr17	56330583	56333838	-	0.022443
Dpp9	MmuINT0053001	chr17	56330255	56330436	-	0.012155
Dpp9	MmuINT0053002	chr17	56329566	56330107	-	0.004433
Dpp9	MmuINT0053003	chr17	56328889	56329412	-	0.025992
Dpp9	MmuINT0053004	chr17	56327803	56328745	-	0.013441
Dpp9	MmuINT0053005	chr17	56351257	56356831	-	0.004762
Dpp9	MmuINT0053006	chr17	56326885	56327690	-	0.006941
Dpp9	MmuINT0053007	chr17	56346313	56351002	-	0.016856
Dpp9	MmuINT0053008	chr17	56345294	56346199	-	0.004413
Dpp9	MmuINT0053009	chr17	56345045	56345119	-	0.017307
Dpp9	MmuINT0053010	chr17	56344731	56344875	-	0.016604
Dpp9	MmuINT0053011	chr17	56343724	56344616	-	0.006143
Dpp9	MmuINT0053012	chr17	56342326	56343594	-	0.007811
Dpp9	MmuINT0053013	chr17	56340107	56342263	-	0.020299
Dpt	MmuINT0053037	chr1	1.67E+08	1.67E+08	+	0.004052
Dpt	MmuINT0053038	chr1	1.67E+08	1.67E+08	+	0.002567
Dpt	MmuINT0053039	chr1	1.67E+08	1.67E+08	+	0.007968
Dpy19l1	MmuINT0053044	chr9	24238885	24243072	-	0.053432
Dpy19l1	MmuINT0053045	chr9	24236876	24238782	-	0.059902
Dpy19l1	MmuINT0053047	chr9	24230603	24234874	-	0.080727
Dpy19l1	MmuINT0053048	chr9	24229290	24230577	-	0.059014
Dpy19l1	MmuINT0053049	chr9	24227632	24229169	-	0.069866
Dpy19l1	MmuINT0053050	chr9	24226804	24227456	-	0.049267
Dpy19l1	MmuINT0053052	chr9	24225651	24226703	-	0.042358
Dpy19l1	MmuINT0053053	chr9	24218868	24225524	-	0.03637
Dpy19l1	MmuINT0053055	chr9	24279898	24286372	-	0.050728
Dpy19l1	MmuINT0053056	chr9	24278312	24279776	-	0.053889
Dpy19l1	MmuINT0053059	chr9	24255200	24258249	-	0.054641

Dpy19l1	MmuINT0053060	chr9	24252309	24255099	-	0.05809
Dpy19l4	MmuINT0053100	chr4	11244328	11249146	-	0.032468
Dpy19l4	MmuINT0053101	chr4	11216891	11217337	-	0.036443
Dpy19l4	MmuINT0053102	chr4	11214781	11216816	-	0.0264
Dpy19l4	MmuINT0053103	chr4	11212321	11214621	-	0.021916
Dpy19l4	MmuINT0053104	chr4	11208272	11212200	-	0.024708
Dpy19l4	MmuINT0053105	chr4	11205133	11208150	-	0.024019
Dpy19l4	MmuINT0053106	chr4	11204094	11205075	-	0.040296
Dpy19l4	MmuINT0053107	chr4	11200287	11204010	-	0.028709
Dpy19l4	MmuINT0053108	chr4	11194919	11200153	-	0.023241
Dpy19l4	MmuINT0053109	chr4	11193090	11194759	-	0.059412
Dpy19l4	MmuINT0053110	chr4	11236638	11244219	-	0.027646
Dpy19l4	MmuINT0053111	chr4	11231538	11236512	-	0.032472
Dpy19l4	MmuINT0053112	chr4	11231216	11231446	-	0.030995
Dpy19l4	MmuINT0053114	chr4	11223207	11230458	-	0.016743
Dpy19l4	MmuINT0053115	chr4	11219836	11223082	-	0.029959
Dpy19l4	MmuINT0053116	chr4	11217670	11219700	-	0.083796
Dpy19l4	MmuINT0053117	chr4	11217437	11217537	-	0.031264
Dpy30	MmuINT0053118	chr17	74715290	74715383	-	0.002216
Dpy30	MmuINT0053119	chr17	74707203	74715241	-	0.002307
Dpy30	MmuINT0053120	chr17	74699165	74707059	-	0.014511
Dpyd	MmuINT0053135	chr3	1.19E+08	1.19E+08	+	0.025518
Dpyd	MmuINT0053139	chr3	1.19E+08	1.19E+08	+	0.080591
Dpysl2	MmuINT0053155	chr14	67426879	67431962	-	0.072563
Dpysl2	MmuINT0053156	chr14	67425918	67426698	-	0.081611
Dpysl2	MmuINT0053157	chr14	67424274	67425751	-	0.053661
Dpysl2	MmuINT0053159	chr14	67453214	67481309	-	0.048798
Dpysl3	MmuINT0053167	chr18	43489516	43492525	-	0.008088
Dpysl3	MmuINT0053168	chr18	43488159	43489344	-	0.010036
Dpysl3	MmuINT0053169	chr18	43485542	43487978	-	0.02286
Dpysl3	MmuINT0053170	chr18	43520801	43523156	-	0.012979
Dpysl3	MmuINT0053171	chr18	43518053	43520615	-	0.010826
Dpysl3	MmuINT0053172	chr18	43514459	43517887	-	0.020183
Dpysl3	MmuINT0053173	chr18	43513616	43514396	-	0.012175
Dpysl3	MmuINT0053174	chr18	43504829	43513534	-	0.015405
Dpysl3	MmuINT0053175	chr18	43502017	43504759	-	0.011233
Dpysl3	MmuINT0053176	chr18	43493692	43501895	-	0.011861
Dpysl3	MmuINT0053177	chr18	43492668	43493534	-	0.00859
Dqx1	MmuINT0053205	chr6	83014979	83016083	+	0.486929
Dr1	MmuINT0053215	chr5	1.09E+08	1.09E+08	+	0.011407
Dr1	MmuINT0053216	chr5	1.09E+08	1.09E+08	+	0.010333
Dram1	MmuINT0053219	chr10	87799734	87803264	-	0.048678
Dram1	MmuINT0053221	chr10	87788172	87791827	-	0.152515
Dram2	MmuINT0053224	chr3	1.06E+08	1.06E+08	+	0.005972
Dram2	MmuINT0053225	chr3	1.06E+08	1.06E+08	+	0.003233
Dram2	MmuINT0053226	chr3	1.06E+08	1.06E+08	+	0.005464
Dram2	MmuINT0053227	chr3	1.06E+08	1.06E+08	+	0.004696
Dram2	MmuINT0053228	chr3	1.06E+08	1.06E+08	+	0.0253
Dram2	MmuINT0053229	chr3	1.06E+08	1.06E+08	+	0.015375
Dram2	MmuINT0053230	chr3	1.06E+08	1.06E+08	+	0.008471

Dram2	MmuINT0053231	chr3	1.06E+08	1.06E+08	+	0.00428
Drap1	MmuINT0053232	chr19	5424434	5424672	-	0.028548
Drap1	MmuINT0053233	chr19	5424276	5424360	-	0.005478
Drap1	MmuINT0053234	chr19	5423892	5424181	-	0.006958
Drap1	MmuINT0053235	chr19	5423654	5423771	-	0.037936
Drap1	MmuINT0053236	chr19	5423420	5423559	-	0.002529
Drap1	MmuINT0053237	chr19	5423026	5423330	-	0.002397
Drg1	MmuINT0053255	chr11	3164894	3166271	-	0.011354
Drg1	MmuINT0053256	chr11	3162668	3164769	-	0.004771
Drg1	MmuINT0053257	chr11	3159379	3162491	-	0.010278
Drg1	MmuINT0053258	chr11	3156716	3159308	-	0.010944
Drg1	MmuINT0053259	chr11	3154646	3156545	-	0.006188
Drg1	MmuINT0053260	chr11	3152815	3154514	-	0.031742
Drg1	MmuINT0053261	chr11	3152286	3152646	-	0.005438
Drg1	MmuINT0053262	chr11	3150369	3152162	-	0.006671
Drg2	MmuINT0053263	chr11	60268246	60270052	+	0.004857
Drg2	MmuINT0053264	chr11	60277725	60278334	+	0.022938
Drg2	MmuINT0053265	chr11	60278394	60281186	+	0.024259
Drg2	MmuINT0053266	chr11	60281241	60281565	+	0.014556
Drg2	MmuINT0053267	chr11	60270214	60272943	+	0.001178
Drg2	MmuINT0053268	chr11	60273034	60273529	+	0.002603
Drg2	MmuINT0053269	chr11	60273591	60274288	+	0.024561
Drg2	MmuINT0053270	chr11	60274380	60274823	+	0.032355
Drg2	MmuINT0053271	chr11	60274897	60275015	+	0.01012
Drg2	MmuINT0053272	chr11	60275107	60275675	+	0.003746
Drg2	MmuINT0053274	chr11	60276137	60277635	+	0.019972
Dsc2	MmuINT0053313	chr18	20209762	20217684	-	0.008136
Dsc2	MmuINT0053314	chr18	20200079	20200197	-	0.005155
Dsc2	MmuINT0053315	chr18	20196779	20199935	-	0.008911
Dsc2	MmuINT0053316	chr18	20194014	20196553	-	0.007253
Dsc2	MmuINT0053317	chr18	20193211	20193776	-	0.006352
Dsc2	MmuINT0053318	chr18	20191824	20193085	-	0.016681
Dsc2	MmuINT0053319	chr18	20191037	20191562	-	0.071812
Dsc2	MmuINT0053320	chr18	20190905	20190990	-	0.103698
Dsc2	MmuINT0053321	chr18	20208707	20209676	-	0.015846
Dsc2	MmuINT0053322	chr18	20206896	20208506	-	0.164001
Dsc2	MmuINT0053323	chr18	20205722	20206775	-	0.006553
Dsc2	MmuINT0053324	chr18	20204881	20205565	-	0.0118
Dsc2	MmuINT0053325	chr18	20204072	20204735	-	0.007353
Dsc2	MmuINT0053326	chr18	20202777	20203904	-	0.010831
Dsc2	MmuINT0053327	chr18	20202413	20202641	-	0.004866
Dsc2	MmuINT0053328	chr18	20200455	20202226	-	0.016683
Dscr3	MmuINT0053416	chr16	94733981	94747944	-	0.008912
Dscr3	MmuINT0053417	chr16	94732495	94733836	-	0.006047
Dscr3	MmuINT0053418	chr16	94727052	94732344	-	0.007356
Dscr3	MmuINT0053419	chr16	94725984	94726970	-	0.013947
Dscr3	MmuINT0053420	chr16	94723840	94725908	-	0.04102
Dscr3	MmuINT0053421	chr16	94723295	94723688	-	0.0088
Dscr3	MmuINT0053422	chr16	94720690	94723141	-	0.038744
Dse	MmuINT0053425	chr10	33880015	33882541	-	0.083577

Dse	MmuINT0053427	chr10	33873781	33875714	-	0.062472
Dsg2	MmuINT0053471	chr18	20750478	20750772	+	0.003776
Dsg2	MmuINT0053472	chr18	20751001	20752564	+	0.003339
Dsg2	MmuINT0053473	chr18	20752793	20754460	+	0.0108
Dsg2	MmuINT0053474	chr18	20754583	20756839	+	0.007784
Dsg2	MmuINT0053475	chr18	20757170	20759813	+	0.003735
Dsg2	MmuINT0053476	chr18	20732026	20733440	+	0.008516
Dsg2	MmuINT0053477	chr18	20733576	20737540	+	0.036365
Dsg2	MmuINT0053478	chr18	20737703	20737834	+	0.002938
Dsg2	MmuINT0053479	chr18	20737980	20739012	+	0.004526
Dsg2	MmuINT0053480	chr18	20739180	20741208	+	0.003507
Dsg2	MmuINT0053481	chr18	20741347	20741437	+	0.004883
Dsg2	MmuINT0053482	chr18	20741624	20748448	+	0.009288
Dsg2	MmuINT0053483	chr18	20748715	20750334	+	0.005932
Dsp	MmuINT0053524	chr13	38243664	38256632	+	0.00284
Dsp	MmuINT0053525	chr13	38270429	38270916	+	0.000801
Dsp	MmuINT0053526	chr13	38271070	38272966	+	0.000867
Dsp	MmuINT0053527	chr13	38273122	38274070	+	0.00118
Dsp	MmuINT0053528	chr13	38274198	38274983	+	0.000668
Dsp	MmuINT0053529	chr13	38275186	38275814	+	0.000605
Dsp	MmuINT0053530	chr13	38276042	38276964	+	0.000762
Dsp	MmuINT0053531	chr13	38277132	38277441	+	0.000913
Dsp	MmuINT0053532	chr13	38277581	38278463	+	0.000726
Dsp	MmuINT0053533	chr13	38278658	38279609	+	0.001836
Dsp	MmuINT0053534	chr13	38279773	38280318	+	0.000665
Dsp	MmuINT0053535	chr13	38256736	38259384	+	0.000831
Dsp	MmuINT0053536	chr13	38280403	38281414	+	0.003806
Dsp	MmuINT0053537	chr13	38281523	38282263	+	0.000726
Dsp	MmuINT0053538	chr13	38282363	38283229	+	0.000679
Dsp	MmuINT0053539	chr13	38285525	38286564	+	0.00388
Dsp	MmuINT0053540	chr13	38259534	38260474	+	0.000995
Dsp	MmuINT0053541	chr13	38260650	38264647	+	0.001033
Dsp	MmuINT0053542	chr13	38264777	38265686	+	0.001734
Dsp	MmuINT0053543	chr13	38265738	38266936	+	0.001245
Dsp	MmuINT0053544	chr13	38267099	38268264	+	0.000823
Dsp	MmuINT0053545	chr13	38268370	38269055	+	0.000836
Dsp	MmuINT0053546	chr13	38269152	38270302	+	0.001304
Dst	MmuINT0053552	chr1	34213540	34213625	+	0.025595
Dst	MmuINT0053553	chr1	34213754	34217464	+	0.029833
Dst	MmuINT0053554	chr1	34217559	34217848	+	0.014709
Dst	MmuINT0053555	chr1	34218004	34219853	+	0.013646
Dst	MmuINT0053558	chr1	34220820	34220920	+	0.01273
Dst	MmuINT0053559	chr1	34221083	34221171	+	0.013595
Dst	MmuINT0053560	chr1	34221277	34221902	+	0.021316
Dst	MmuINT0053561	chr1	34221999	34223024	+	0.021724
Dst	MmuINT0053562	chr1	34143149	34170777	+	0.03997
Dst	MmuINT0053564	chr1	34223937	34224120	+	0.01969
Dst	MmuINT0053565	chr1	34224276	34224455	+	0.012311
Dst	MmuINT0053566	chr1	34224583	34224667	+	0.01802
Dst	MmuINT0053567	chr1	34224852	34226008	+	0.017615

Dst	MmuINT0053568	chr1	34226167	34226594	+	0.018014
Dst	MmuINT0053569	chr1	34226774	34227204	+	0.024501
Dst	MmuINT0053570	chr1	34227344	34227960	+	0.012637
Dst	MmuINT0053571	chr1	34228155	34229027	+	0.01331
Dst	MmuINT0053572	chr1	34229191	34229846	+	0.019086
Dst	MmuINT0053574	chr1	34229931	34230959	+	0.02161
Dst	MmuINT0053575	chr1	34231068	34231541	+	0.015166
Dst	MmuINT0053576	chr1	34231641	34240860	+	0.018252
Dst	MmuINT0053577	chr1	34240990	34242806	+	0.016645
Dst	MmuINT0053578	chr1	34242896	34243663	+	0.019001
Dst	MmuINT0053580	chr1	34254199	34255362	+	0.006562
Dst	MmuINT0053581	chr1	34255597	34256136	+	0.004832
Dst	MmuINT0053582	chr1	34256404	34257714	+	0.004768
Dst	MmuINT0053583	chr1	34258261	34259289	+	0.007891
Dst	MmuINT0053584	chr1	34173041	34174276	+	0.038339
Dst	MmuINT0053585	chr1	34259467	34265398	+	0.007209
Dst	MmuINT0053586	chr1	34265523	34267998	+	0.008207
Dst	MmuINT0053587	chr1	34268208	34269066	+	0.004763
Dst	MmuINT0053588	chr1	34269385	34269746	+	0.005063
Dst	MmuINT0053589	chr1	34269914	34271378	+	0.004966
Dst	MmuINT0053590	chr1	34271536	34272330	+	0.006902
Dst	MmuINT0053591	chr1	34272458	34274654	+	0.007066
Dst	MmuINT0053592	chr1	34274718	34275179	+	0.006824
Dst	MmuINT0053593	chr1	34275422	34276240	+	0.005727
Dst	MmuINT0053594	chr1	34276371	34280648	+	0.005523
Dst	MmuINT0053595	chr1	34174370	34191934	+	0.036848
Dst	MmuINT0053596	chr1	34280849	34282353	+	0.003956
Dst	MmuINT0053597	chr1	34282850	34284619	+	0.003486
Dst	MmuINT0053598	chr1	34286092	34299463	+	0.006148
Dst	MmuINT0053599	chr1	34299626	34301188	+	0.004437
Dst	MmuINT0053600	chr1	34301360	34304493	+	0.003135
Dst	MmuINT0053601	chr1	34304661	34306323	+	0.003243
Dst	MmuINT0053604	chr1	34308783	34309655	+	0.002937
Dst	MmuINT0053605	chr1	34309863	34313076	+	0.00293
Dst	MmuINT0053606	chr1	34192102	34209046	+	0.023663
Dst	MmuINT0053607	chr1	34313197	34313386	+	0.003275
Dst	MmuINT0053608	chr1	34313495	34314566	+	0.003302
Dst	MmuINT0053609	chr1	34314786	34317008	+	0.00283
Dst	MmuINT0053610	chr1	34317213	34318864	+	0.002585
Dst	MmuINT0053611	chr1	34319097	34320108	+	0.002739
Dst	MmuINT0053612	chr1	34320336	34321369	+	0.002167
Dst	MmuINT0053613	chr1	34321493	34321594	+	0.003234
Dst	MmuINT0053614	chr1	34321697	34323701	+	0.005476
Dst	MmuINT0053615	chr1	34323804	34325073	+	0.003306
Dst	MmuINT0053616	chr1	34325248	34325579	+	0.002387
Dst	MmuINT0053617	chr1	34209160	34209257	+	0.028764
Dst	MmuINT0053618	chr1	34325736	34327672	+	0.001739
Dst	MmuINT0053619	chr1	34327871	34328199	+	0.002663
Dst	MmuINT0053620	chr1	34328329	34331012	+	0.002052
Dst	MmuINT0053621	chr1	34331184	34332049	+	0.002038

Dst	MmuINT0053622	chr1	34332206	34332517	+	0.002439
Dst	MmuINT0053623	chr1	34332725	34334864	+	0.002676
Dst	MmuINT0053624	chr1	34334985	34339267	+	0.00189
Dst	MmuINT0053625	chr1	34339438	34341103	+	0.00211
Dst	MmuINT0053626	chr1	34341264	34344031	+	0.002207
Dst	MmuINT0053627	chr1	34344227	34344735	+	0.003431
Dst	MmuINT0053628	chr1	34209365	34211357	+	0.029712
Dst	MmuINT0053629	chr1	34344865	34346368	+	0.002622
Dst	MmuINT0053630	chr1	34346513	34347203	+	0.002052
Dst	MmuINT0053631	chr1	34347393	34348631	+	0.001643
Dst	MmuINT0053632	chr1	34348762	34350164	+	0.001862
Dst	MmuINT0053633	chr1	34350329	34351228	+	0.001889
Dst	MmuINT0053634	chr1	34351392	34351998	+	0.001684
Dst	MmuINT0053635	chr1	34352154	34352306	+	0.002935
Dst	MmuINT0053636	chr1	34352382	34353586	+	0.003816
Dst	MmuINT0053637	chr1	34353605	34356565	+	0.007158
Dst	MmuINT0053638	chr1	34356684	34358705	+	0.022354
Dst	MmuINT0053639	chr1	34211478	34213443	+	0.020376
Dst	MmuINT0053640	chr1	34358778	34359674	+	0.027865
Dst	MmuINT0053641	chr1	34359878	34363372	+	0.863918
Dst	MmuINT0053642	chr1	34363497	34364174	+	0.001515
Dst	MmuINT0053644	chr1	34250109	34250236	+	0.011535
Dst	MmuINT0053645	chr1	34250387	34250849	+	0.010691
Dst	MmuINT0053646	chr1	34251066	34251359	+	0.008794
Dst	MmuINT0053647	chr1	34251510	34252672	+	0.006832
Dstn	MmuINT0053649	chr2	1.44E+08	1.44E+08	+	0.000519
Dstn	MmuINT0053650	chr2	1.44E+08	1.44E+08	+	0.000639
Dstn	MmuINT0053651	chr2	1.44E+08	1.44E+08	+	0.008915
Dstyk	MmuINT0053653	chr1	1.34E+08	1.34E+08	+	0.027553
Dstyk	MmuINT0053654	chr1	1.34E+08	1.34E+08	+	0.041852
Dstyk	MmuINT0053655	chr1	1.34E+08	1.34E+08	+	0.036611
Dstyk	MmuINT0053656	chr1	1.34E+08	1.34E+08	+	0.022378
Dstyk	MmuINT0053657	chr1	1.34E+08	1.34E+08	+	0.094283
Dstyk	MmuINT0053658	chr1	1.34E+08	1.34E+08	+	0.069789
Dstyk	MmuINT0053659	chr1	1.34E+08	1.34E+08	+	0.022842
Dstyk	MmuINT0053660	chr1	1.34E+08	1.34E+08	+	0.026232
Dstyk	MmuINT0053661	chr1	1.34E+08	1.34E+08	+	0.032815
Dstyk	MmuINT0053662	chr1	1.34E+08	1.34E+08	+	0.025027
Dstyk	MmuINT0053663	chr1	1.34E+08	1.34E+08	+	0.020299
Dtd1	MmuINT0053664	chr2	1.44E+08	1.44E+08	+	0.014404
Dtd1	MmuINT0053665	chr2	1.44E+08	1.44E+08	+	0.008668
Dtd1	MmuINT0053666	chr2	1.44E+08	1.44E+08	+	0.00896
Dtd1	MmuINT0053667	chr2	1.44E+08	1.45E+08	+	0.006568
Dtd1	MmuINT0053668	chr2	1.45E+08	1.45E+08	+	0.005552
Dtna	MmuINT0053691	chr18	23574127	23633616	+	0.004179
Dtna	MmuINT0053692	chr18	23756060	23761091	+	0.002376
Dtna	MmuINT0053693	chr18	23761176	23762465	+	0.00512
Dtna	MmuINT0053694	chr18	23633744	23693662	+	0.004183
Dtna	MmuINT0053695	chr18	23693731	23704186	+	0.006318
Dtna	MmuINT0053696	chr18	23704268	23728062	+	0.004895



Dtna	MmuINT0053697	chr18	23728277	23741584	+	0.018363
Dtna	MmuINT0053698	chr18	23741671	23748689	+	0.004104
Dtna	MmuINT0053699	chr18	23748845	23751472	+	0.004878
Dtna	MmuINT0053700	chr18	23751579	23753959	+	0.004498
Dtna	MmuINT0053701	chr18	23754127	23755934	+	0.002962
Dtna	MmuINT0053703	chr18	23779976	23780467	+	0.009588
Dtna	MmuINT0053704	chr18	23780566	23783582	+	0.008989
Dtna	MmuINT0053705	chr18	23783697	23789832	+	0.009454
Dtna	MmuINT0053706	chr18	23789930	23801647	+	0.169645
Dtna	MmuINT0053707	chr18	23801808	23804697	+	0.044238
Dtna	MmuINT0053708	chr18	23804788	23805388	+	0.033121
Dtna	MmuINT0053709	chr18	23805555	23810016	+	0.03374
Dtna	MmuINT0053710	chr18	23810150	23811829	+	0.067338
Dtna	MmuINT0053711	chr18	23811879	23814313	+	0.22057
Dtnb	MmuINT0053720	chr12	3748511	3749469	+	0.121013
Dtnb	MmuINT0053721	chr12	3749584	3751810	+	0.18805
Dtnb	MmuINT0053723	chr12	3754117	3772586	+	0.077452
Dtnb	MmuINT0053728	chr12	3779655	3781105	+	0.041785
Dtnbp1	MmuINT0053736	chr13	45089108	45097285	-	0.003143
Dtnbp1	MmuINT0053737	chr13	45087439	45089053	-	0.00294
Dtnbp1	MmuINT0053738	chr13	45081465	45087387	-	0.002278
Dtnbp1	MmuINT0053739	chr13	45078243	45081403	-	0.006482
Dtnbp1	MmuINT0053740	chr13	45065548	45078109	-	0.002011
Dtnbp1	MmuINT0053741	chr13	45048564	45065414	-	0.000837
Dtnbp1	MmuINT0053742	chr13	45026521	45048540	-	0.001773
Dtnbp1	MmuINT0053743	chr13	45018662	45026364	-	0.004228
Dtnbp1	MmuINT0053744	chr13	45017824	45018517	-	0.002729
Dtwd1	MmuINT0053745	chr2	1.26E+08	1.26E+08	+	0.067715
Dtwd1	MmuINT0053746	chr2	1.26E+08	1.26E+08	+	0.039309
Dtwd1	MmuINT0053747	chr2	1.26E+08	1.26E+08	+	0.067876
Dtwd1	MmuINT0053748	chr2	1.26E+08	1.26E+08	+	0.096499
Dtwd2	MmuINT0053754	chr18	49858155	49859912	-	0.066004
Dtx2	MmuINT0053764	chr5	1.36E+08	1.36E+08	+	0.03671
Dtx2	MmuINT0053765	chr5	1.37E+08	1.37E+08	+	0.068496
Dtx2	MmuINT0053766	chr5	1.36E+08	1.36E+08	+	0.040698
Dtx2	MmuINT0053767	chr5	1.36E+08	1.36E+08	+	0.046624
Dtx2	MmuINT0053768	chr5	1.36E+08	1.36E+08	+	0.055383
Dtx2	MmuINT0053770	chr5	1.37E+08	1.37E+08	+	0.949061
Dtx2	MmuINT0053771	chr5	1.37E+08	1.37E+08	+	0.040574
Dtx2	MmuINT0053772	chr5	1.37E+08	1.37E+08	+	0.024576
Dtx2	MmuINT0053773	chr5	1.37E+08	1.37E+08	+	0.073536
Dtx3	MmuINT0053774	chr10	1.27E+08	1.27E+08	-	0.010269
Dtx3	MmuINT0053775	chr10	1.27E+08	1.27E+08	-	0.02593
Dtx3	MmuINT0053776	chr10	1.27E+08	1.27E+08	-	0.085715
Dtx3	MmuINT0053777	chr10	1.27E+08	1.27E+08	-	0.039164
Dtx3	MmuINT0053778	chr10	1.27E+08	1.27E+08	-	0.622164
Dtx3l	MmuINT0053779	chr16	35933886	35936462	-	0.069092
Dtx3l	MmuINT0053780	chr16	35931677	35932361	-	0.036519
Dtx3l	MmuINT0053781	chr16	35929455	35931458	-	0.037389
Dtx4	MmuINT0053789	chr19	12544200	12547719	-	0.134497

Dtymk	MmuINT0053790	chr1	95691501	95694956	-	0.025552
Dtymk	MmuINT0053791	chr1	95689521	95691302	-	0.029676
Dus1l	MmuINT0053881	chr11	1.21E+08	1.21E+08	-	0.906487
Dus1l	MmuINT0053882	chr11	1.21E+08	1.21E+08	-	0.047725
Dus1l	MmuINT0053883	chr11	1.21E+08	1.21E+08	-	0.091968
Dus1l	MmuINT0053884	chr11	1.21E+08	1.21E+08	-	0.025935
Dus1l	MmuINT0053885	chr11	1.21E+08	1.21E+08	-	0.013918
Dus1l	MmuINT0053886	chr11	1.21E+08	1.21E+08	-	0.015386
Dus1l	MmuINT0053887	chr11	1.21E+08	1.21E+08	-	0.038584
Dus1l	MmuINT0053888	chr11	1.21E+08	1.21E+08	-	0.049671
Dus1l	MmuINT0053889	chr11	1.21E+08	1.21E+08	-	0.078282
Dus1l	MmuINT0053890	chr11	1.21E+08	1.21E+08	-	0.02333
Dus1l	MmuINT0053891	chr11	1.21E+08	1.21E+08	-	0.013103
Dus1l	MmuINT0053892	chr11	1.21E+08	1.21E+08	-	0.096417
Dus1l	MmuINT0053893	chr11	1.21E+08	1.21E+08	-	0.04735
Dus2l	MmuINT0053894	chr8	1.09E+08	1.09E+08	+	0.072529
Dus2l	MmuINT0053895	chr8	1.09E+08	1.09E+08	+	0.017168
Dus2l	MmuINT0053896	chr8	1.09E+08	1.09E+08	+	0.023117
Dus2l	MmuINT0053897	chr8	1.09E+08	1.09E+08	+	0.023594
Dus2l	MmuINT0053898	chr8	1.09E+08	1.09E+08	+	0.019369
Dus2l	MmuINT0053899	chr8	1.09E+08	1.09E+08	+	0.024196
Dus2l	MmuINT0053900	chr8	1.09E+08	1.09E+08	+	0.020834
Dus2l	MmuINT0053901	chr8	1.09E+08	1.09E+08	+	0.051445
Dus2l	MmuINT0053902	chr8	1.09E+08	1.09E+08	+	0.044453
Dus2l	MmuINT0053903	chr8	1.09E+08	1.09E+08	+	0.08654
Dus2l	MmuINT0053904	chr8	1.09E+08	1.09E+08	+	0.127282
Dus2l	MmuINT0053905	chr8	1.09E+08	1.09E+08	+	0.079953
Dus2l	MmuINT0053906	chr8	1.09E+08	1.09E+08	+	0.046759
Dus2l	MmuINT0053907	chr8	1.09E+08	1.09E+08	+	0.03845
Dus2l	MmuINT0053908	chr8	1.09E+08	1.09E+08	+	0.118174
Dus3l	MmuINT0053909	chr17	56904365	56904947	+	0.054446
Dus3l	MmuINT0053910	chr17	56908549	56908672	+	0.05429
Dus3l	MmuINT0053911	chr17	56908862	56908956	+	0.119602
Dus3l	MmuINT0053912	chr17	56909086	56909158	+	0.0767
Dus3l	MmuINT0053913	chr17	56905216	56906204	+	0.010952
Dus3l	MmuINT0053914	chr17	56906712	56907055	+	0.183759
Dus3l	MmuINT0053915	chr17	56907098	56907205	+	0.024267
Dus3l	MmuINT0053916	chr17	56907359	56907456	+	0.034966
Dus3l	MmuINT0053917	chr17	56907574	56907770	+	0.3353
Dus3l	MmuINT0053918	chr17	56907837	56907940	+	0.546638
Dus3l	MmuINT0053919	chr17	56908052	56908228	+	0.442384
Dus3l	MmuINT0053920	chr17	56908326	56908472	+	0.052276
Dus4l	MmuINT0053921	chr12	32337307	32339554	-	0.14244
Dus4l	MmuINT0053922	chr12	32333753	32337155	-	0.043821
Dus4l	MmuINT0053923	chr12	32331604	32333630	-	0.068023
Dus4l	MmuINT0053924	chr12	32327752	32331485	-	0.095033
Dus4l	MmuINT0053925	chr12	32326594	32327628	-	0.046565
Dus4l	MmuINT0053926	chr12	32325810	32326366	-	0.014638
Dusp1	MmuINT0053927	chr17	26644665	26644901	-	0.213463
Dusp1	MmuINT0053928	chr17	26644150	26644518	-	0.195264

Dusp1	MmuINT0053929	chr17	26643596	26643929	-	0.09678
Dusp10	MmuINT0053930	chr1	1.86E+08	1.86E+08	+	0.081249
Dusp10	MmuINT0053931	chr1	1.86E+08	1.86E+08	+	0.027524
Dusp10	MmuINT0053932	chr1	1.86E+08	1.86E+08	+	0.030112
Dusp11	MmuINT0053933	chr6	85909286	85911431	-	0.011189
Dusp11	MmuINT0053934	chr6	85908710	85909209	-	0.008572
Dusp11	MmuINT0053935	chr6	85903489	85908577	-	0.345548
Dusp11	MmuINT0053936	chr6	85902360	85903364	-	0.007919
Dusp11	MmuINT0053937	chr6	85900555	85902298	-	0.082865
Dusp11	MmuINT0053938	chr6	85900088	85900507	-	0.072165
Dusp11	MmuINT0053939	chr6	85899792	85900011	-	0.004909
Dusp11	MmuINT0053940	chr6	85897771	85899611	-	0.010087
Dusp12	MmuINT0053941	chr1	1.73E+08	1.73E+08	-	0.215647
Dusp12	MmuINT0053942	chr1	1.73E+08	1.73E+08	-	0.135471
Dusp12	MmuINT0053943	chr1	1.73E+08	1.73E+08	-	0.147504
Dusp12	MmuINT0053944	chr1	1.73E+08	1.73E+08	-	0.018904
Dusp12	MmuINT0053945	chr1	1.73E+08	1.73E+08	-	0.026459
Dusp16	MmuINT0053963	chr6	1.35E+08	1.35E+08	-	0.046546
Dusp16	MmuINT0053964	chr6	1.35E+08	1.35E+08	-	0.015425
Dusp16	MmuINT0053965	chr6	1.35E+08	1.35E+08	-	0.020264
Dusp16	MmuINT0053966	chr6	1.35E+08	1.35E+08	-	0.011328
Dusp16	MmuINT0053967	chr6	1.35E+08	1.35E+08	-	0.019229
Dusp16	MmuINT0053968	chr6	1.35E+08	1.35E+08	-	0.02564
Dusp18	MmuINT0053969	chr11	3795521	3796945	+	0.012203
Dusp19	MmuINT0053970	chr2	80457764	80461350	+	0.025044
Dusp19	MmuINT0053971	chr2	80461398	80464364	+	0.037768
Dusp19	MmuINT0053972	chr2	80464518	80470948	+	0.046599
Dusp22	MmuINT0053976	chr13	30760708	30764261	+	0.013824
Dusp22	MmuINT0053977	chr13	30764345	30788104	+	0.015324
Dusp22	MmuINT0053978	chr13	30788155	30797494	+	0.029719
Dusp22	MmuINT0053979	chr13	30797570	30799798	+	0.042685
Dusp22	MmuINT0053980	chr13	30799971	30800545	+	0.011812
Dusp23	MmuINT0053981	chr1	1.75E+08	1.75E+08	-	0.028808
Dusp27	MmuINT0053987	chr1	1.68E+08	1.68E+08	-	0.007715
Dusp27	MmuINT0053988	chr1	1.68E+08	1.68E+08	-	0.009514
Dusp27	MmuINT0053989	chr1	1.68E+08	1.68E+08	-	0.015001
Dusp27	MmuINT0053990	chr1	1.68E+08	1.68E+08	-	0.008175
Dusp28	MmuINT0053991	chr1	94804001	94804141	+	0.024783
Dusp3	MmuINT0053992	chr11	1.02E+08	1.02E+08	-	0.022495
Dusp3	MmuINT0053993	chr11	1.02E+08	1.02E+08	-	0.023477
Dusp5	MmuINT0053997	chr19	53604187	53608315	+	0.047118
Dusp5	MmuINT0053998	chr19	53608465	53611946	+	0.040012
Dusp5	MmuINT0053999	chr19	53612167	53615405	+	0.049391
Dusp6	MmuINT0054000	chr10	98726726	98727177	+	0.041551
Dusp6	MmuINT0054001	chr10	98727616	98728625	+	0.040626
Dusp7	MmuINT0054002	chr9	1.06E+08	1.06E+08	+	0.065923
Dusp7	MmuINT0054003	chr9	1.06E+08	1.06E+08	+	0.058354
Dusp8	MmuINT0054004	chr7	1.49E+08	1.49E+08	-	0.016897
Dusp8	MmuINT0054005	chr7	1.49E+08	1.49E+08	-	0.023629
Dusp8	MmuINT0054006	chr7	1.49E+08	1.49E+08	-	0.008027

Dusp8	MmuINT0054007	chr7	1.49E+08	1.49E+08	-	0.008856
Dusp8	MmuINT0054008	chr7	1.49E+08	1.49E+08	-	0.021857
Dut	MmuINT0054012	chr2	1.25E+08	1.25E+08	+	0.00568
Dut	MmuINT0054013	chr2	1.25E+08	1.25E+08	+	0.020169
Dut	MmuINT0054014	chr2	1.25E+08	1.25E+08	+	0.00438
Dut	MmuINT0054015	chr2	1.25E+08	1.25E+08	+	0.004817
Dvl1	MmuINT0054021	chr4	1.55E+08	1.55E+08	+	0.021413
Dvl1	MmuINT0054022	chr4	1.55E+08	1.55E+08	+	0.009762
Dvl1	MmuINT0054023	chr4	1.55E+08	1.55E+08	+	0.067951
Dvl1	MmuINT0054024	chr4	1.55E+08	1.55E+08	+	0.018707
Dvl1	MmuINT0054025	chr4	1.55E+08	1.55E+08	+	0.004076
Dvl1	MmuINT0054026	chr4	1.55E+08	1.55E+08	+	0.00608
Dvl1	MmuINT0054027	chr4	1.55E+08	1.55E+08	+	0.043043
Dvl1	MmuINT0054028	chr4	1.55E+08	1.55E+08	+	0.113443
Dvl1	MmuINT0054029	chr4	1.55E+08	1.55E+08	+	0.115877
Dvl1	MmuINT0054030	chr4	1.55E+08	1.55E+08	+	0.005594
Dvl1	MmuINT0054031	chr4	1.55E+08	1.55E+08	+	0.248128
Dvl1	MmuINT0054032	chr4	1.55E+08	1.55E+08	+	0.205704
Dvl1	MmuINT0054033	chr4	1.55E+08	1.55E+08	+	0.061
Dvl1	MmuINT0054034	chr4	1.55E+08	1.55E+08	+	0.012086
Dvl2	MmuINT0054036	chr11	69821023	69821316	+	0.13131
Dvl2	MmuINT0054037	chr11	69821446	69821521	+	0.110527
Dvl2	MmuINT0054038	chr11	69821654	69821782	+	0.104887
Dvl2	MmuINT0054039	chr11	69821963	69822278	+	0.244598
Dvl2	MmuINT0054040	chr11	69822498	69822645	+	0.105688
Dvl2	MmuINT0054041	chr11	69818377	69818656	+	0.134902
Dvl2	MmuINT0054042	chr11	69818803	69818938	+	0.071279
Dvl2	MmuINT0054043	chr11	69819049	69819163	+	0.120535
Dvl2	MmuINT0054045	chr11	69819531	69819637	+	0.164638
Dvl2	MmuINT0054046	chr11	69819708	69819792	+	0.080315
Dvl2	MmuINT0054047	chr11	69819933	69820015	+	0.045789
Dvl2	MmuINT0054048	chr11	69820093	69820954	+	0.185626
Dvl3	MmuINT0054049	chr16	20517429	20522328	+	0.010689
Dvl3	MmuINT0054050	chr16	20526230	20526339	+	0.01427
Dvl3	MmuINT0054051	chr16	20526490	20527021	+	0.10763
Dvl3	MmuINT0054052	chr16	20527154	20527324	+	0.02257
Dvl3	MmuINT0054053	chr16	20527493	20530849	+	0.017762
Dvl3	MmuINT0054054	chr16	20531066	20531152	+	0.00745
Dvl3	MmuINT0054055	chr16	20522399	20523482	+	0.074028
Dvl3	MmuINT0054056	chr16	20523605	20523724	+	0.00736
Dvl3	MmuINT0054057	chr16	20523835	20524012	+	0.017266
Dvl3	MmuINT0054058	chr16	20524149	20524324	+	0.076178
Dvl3	MmuINT0054059	chr16	20524419	20524591	+	0.059099
Dvl3	MmuINT0054060	chr16	20524662	20525711	+	0.035533
Dvl3	MmuINT0054061	chr16	20525852	20525978	+	0.011291
Dvl3	MmuINT0054062	chr16	20526056	20526161	+	0.026824
Dym	MmuINT0054073	chr18	75178639	75202732	+	0.003636
Dym	MmuINT0054074	chr18	75278944	75283111	+	0.002817
Dym	MmuINT0054075	chr18	75283238	75285077	+	0.002873
Dym	MmuINT0054076	chr18	75285192	75286478	+	0.003318

Dym	MmuINT0054077	chr18	75286574	75358816	+	0.002671
Dym	MmuINT0054078	chr18	75358920	75389643	+	0.002848
Dym	MmuINT0054079	chr18	75389827	75402938	+	0.002962
Dym	MmuINT0054080	chr18	75403053	75446273	+	0.002026
Dym	MmuINT0054081	chr18	75202924	75212634	+	0.003329
Dym	MmuINT0054082	chr18	75212688	75214934	+	0.003206
Dym	MmuINT0054083	chr18	75215029	75216283	+	0.003201
Dym	MmuINT0054084	chr18	75216418	75222754	+	0.004844
Dym	MmuINT0054085	chr18	75222828	75239856	+	0.003518
Dym	MmuINT0054086	chr18	75239983	75242018	+	0.003391
Dym	MmuINT0054087	chr18	75242162	75274443	+	0.003288
Dym	MmuINT0054088	chr18	75274627	75278764	+	0.001914
Dync1h1	MmuINT0054089	chr12	1.12E+08	1.12E+08	+	0.05984
Dync1h1	MmuINT0054090	chr12	1.12E+08	1.12E+08	+	0.006681
Dync1h1	MmuINT0054091	chr12	1.12E+08	1.12E+08	+	0.007089
Dync1h1	MmuINT0054092	chr12	1.12E+08	1.12E+08	+	0.007727
Dync1h1	MmuINT0054093	chr12	1.12E+08	1.12E+08	+	0.007467
Dync1h1	MmuINT0054094	chr12	1.12E+08	1.12E+08	+	0.006347
Dync1h1	MmuINT0054095	chr12	1.12E+08	1.12E+08	+	0.006877
Dync1h1	MmuINT0054096	chr12	1.12E+08	1.12E+08	+	0.006905
Dync1h1	MmuINT0054097	chr12	1.12E+08	1.12E+08	+	0.008702
Dync1h1	MmuINT0054098	chr12	1.12E+08	1.12E+08	+	0.008834
Dync1h1	MmuINT0054099	chr12	1.12E+08	1.12E+08	+	0.010227
Dync1h1	MmuINT0054100	chr12	1.12E+08	1.12E+08	+	0.01737
Dync1h1	MmuINT0054101	chr12	1.12E+08	1.12E+08	+	0.005477
Dync1h1	MmuINT0054102	chr12	1.12E+08	1.12E+08	+	0.006514
Dync1h1	MmuINT0054103	chr12	1.12E+08	1.12E+08	+	0.009537
Dync1h1	MmuINT0054104	chr12	1.12E+08	1.12E+08	+	0.007632
Dync1h1	MmuINT0054105	chr12	1.12E+08	1.12E+08	+	0.007094
Dync1h1	MmuINT0054106	chr12	1.12E+08	1.12E+08	+	0.005264
Dync1h1	MmuINT0054107	chr12	1.12E+08	1.12E+08	+	0.004429
Dync1h1	MmuINT0054108	chr12	1.12E+08	1.12E+08	+	0.005509
Dync1h1	MmuINT0054109	chr12	1.12E+08	1.12E+08	+	0.008506
Dync1h1	MmuINT0054110	chr12	1.12E+08	1.12E+08	+	0.005148
Dync1h1	MmuINT0054111	chr12	1.12E+08	1.12E+08	+	0.009598
Dync1h1	MmuINT0054112	chr12	1.12E+08	1.12E+08	+	0.00419
Dync1h1	MmuINT0054113	chr12	1.12E+08	1.12E+08	+	0.004
Dync1h1	MmuINT0054114	chr12	1.12E+08	1.12E+08	+	0.004988
Dync1h1	MmuINT0054115	chr12	1.12E+08	1.12E+08	+	0.005963
Dync1h1	MmuINT0054116	chr12	1.12E+08	1.12E+08	+	0.004697
Dync1h1	MmuINT0054117	chr12	1.12E+08	1.12E+08	+	0.006522
Dync1h1	MmuINT0054118	chr12	1.12E+08	1.12E+08	+	0.008433
Dync1h1	MmuINT0054119	chr12	1.12E+08	1.12E+08	+	0.009026
Dync1h1	MmuINT0054120	chr12	1.12E+08	1.12E+08	+	0.005781
Dync1h1	MmuINT0054121	chr12	1.12E+08	1.12E+08	+	0.004273
Dync1h1	MmuINT0054122	chr12	1.12E+08	1.12E+08	+	0.010392
Dync1h1	MmuINT0054123	chr12	1.12E+08	1.12E+08	+	0.00551
Dync1h1	MmuINT0054124	chr12	1.12E+08	1.12E+08	+	0.004186
Dync1h1	MmuINT0054125	chr12	1.12E+08	1.12E+08	+	0.005171
Dync1h1	MmuINT0054126	chr12	1.12E+08	1.12E+08	+	0.003938

Dync1h1	MmuINT0054127	chr12	1.12E+08	1.12E+08	+	0.004189
Dync1h1	MmuINT0054128	chr12	1.12E+08	1.12E+08	+	0.00388
Dync1h1	MmuINT0054129	chr12	1.12E+08	1.12E+08	+	0.004123
Dync1h1	MmuINT0054130	chr12	1.12E+08	1.12E+08	+	0.00454
Dync1h1	MmuINT0054131	chr12	1.12E+08	1.12E+08	+	0.004329
Dync1h1	MmuINT0054132	chr12	1.12E+08	1.12E+08	+	0.003539
Dync1h1	MmuINT0054133	chr12	1.12E+08	1.12E+08	+	0.007856
Dync1h1	MmuINT0054134	chr12	1.12E+08	1.12E+08	+	0.002374
Dync1h1	MmuINT0054135	chr12	1.12E+08	1.12E+08	+	0.008256
Dync1h1	MmuINT0054136	chr12	1.12E+08	1.12E+08	+	0.004003
Dync1h1	MmuINT0054137	chr12	1.12E+08	1.12E+08	+	0.002621
Dync1h1	MmuINT0054138	chr12	1.12E+08	1.12E+08	+	0.003835
Dync1h1	MmuINT0054139	chr12	1.12E+08	1.12E+08	+	0.002796
Dync1h1	MmuINT0054140	chr12	1.12E+08	1.12E+08	+	0.003152
Dync1h1	MmuINT0054141	chr12	1.12E+08	1.12E+08	+	0.003181
Dync1h1	MmuINT0054142	chr12	1.12E+08	1.12E+08	+	0.003155
Dync1h1	MmuINT0054143	chr12	1.12E+08	1.12E+08	+	0.002063
Dync1h1	MmuINT0054144	chr12	1.12E+08	1.12E+08	+	0.008045
Dync1h1	MmuINT0054145	chr12	1.12E+08	1.12E+08	+	0.00244
Dync1h1	MmuINT0054146	chr12	1.12E+08	1.12E+08	+	0.003631
Dync1h1	MmuINT0054147	chr12	1.12E+08	1.12E+08	+	0.002173
Dync1h1	MmuINT0054148	chr12	1.12E+08	1.12E+08	+	0.003896
Dync1h1	MmuINT0054149	chr12	1.12E+08	1.12E+08	+	0.003346
Dync1h1	MmuINT0054150	chr12	1.12E+08	1.12E+08	+	0.008217
Dync1h1	MmuINT0054151	chr12	1.12E+08	1.12E+08	+	0.002875
Dync1h1	MmuINT0054152	chr12	1.12E+08	1.12E+08	+	0.003384
Dync1h1	MmuINT0054153	chr12	1.12E+08	1.12E+08	+	0.006129
Dync1h1	MmuINT0054154	chr12	1.12E+08	1.12E+08	+	0.003322
Dync1h1	MmuINT0054155	chr12	1.12E+08	1.12E+08	+	0.006877
Dync1h1	MmuINT0054156	chr12	1.12E+08	1.12E+08	+	0.002747
Dync1h1	MmuINT0054157	chr12	1.12E+08	1.12E+08	+	0.005608
Dync1h1	MmuINT0054158	chr12	1.12E+08	1.12E+08	+	0.005479
Dync1h1	MmuINT0054159	chr12	1.12E+08	1.12E+08	+	0.012868
Dync1h1	MmuINT0054160	chr12	1.12E+08	1.12E+08	+	0.001877
Dync1h1	MmuINT0054161	chr12	1.12E+08	1.12E+08	+	0.002721
Dync1h1	MmuINT0054162	chr12	1.12E+08	1.12E+08	+	0.002325
Dync1h1	MmuINT0054163	chr12	1.12E+08	1.12E+08	+	0.008939
Dync1h1	MmuINT0054164	chr12	1.12E+08	1.12E+08	+	0.007944
Dync1i2	MmuINT0054181	chr2	71050132	71052495	+	0.006169
Dync1i2	MmuINT0054182	chr2	71086991	71087365	+	0.003377
Dync1i2	MmuINT0054183	chr2	71087480	71087775	+	0.003294
Dync1i2	MmuINT0054184	chr2	71087910	71088898	+	0.003066
Dync1i2	MmuINT0054185	chr2	71089044	71096140	+	0.014555
Dync1i2	MmuINT0054186	chr2	71096282	71098878	+	0.02049
Dync1i2	MmuINT0054187	chr2	71099005	71100704	+	0.00265
Dync1i2	MmuINT0054188	chr2	71052613	71057357	+	0.006208
Dync1i2	MmuINT0054189	chr2	71057476	71066656	+	0.004031
Dync1i2	MmuINT0054190	chr2	71066748	71073971	+	0.00433
Dync1i2	MmuINT0054191	chr2	71074088	71084745	+	0.003308
Dync1i2	MmuINT0054192	chr2	71084842	71085069	+	0.003072

Dync1i2	MmuINT0054193	chr2	71085233	71085345	+	0.003322
Dync1i2	MmuINT0054194	chr2	71085446	71085877	+	0.004472
Dync1i2	MmuINT0054195	chr2	71086004	71086843	+	0.003559
Dync1li1	MmuINT0054196	chr9	1.15E+08	1.15E+08	+	0.007051
Dync1li1	MmuINT0054197	chr9	1.15E+08	1.15E+08	+	0.045878
Dync1li1	MmuINT0054198	chr9	1.15E+08	1.15E+08	+	0.005793
Dync1li1	MmuINT0054199	chr9	1.15E+08	1.15E+08	+	0.022188
Dync1li1	MmuINT0054200	chr9	1.15E+08	1.15E+08	+	0.003564
Dync1li1	MmuINT0054201	chr9	1.15E+08	1.15E+08	+	0.004784
Dync1li1	MmuINT0054202	chr9	1.15E+08	1.15E+08	+	0.004006
Dync1li1	MmuINT0054203	chr9	1.15E+08	1.15E+08	+	0.004868
Dync1li1	MmuINT0054204	chr9	1.15E+08	1.15E+08	+	0.004266
Dync1li1	MmuINT0054205	chr9	1.15E+08	1.15E+08	+	0.009788
Dync1li1	MmuINT0054206	chr9	1.15E+08	1.15E+08	+	0.0105
Dync1li1	MmuINT0054207	chr9	1.15E+08	1.15E+08	+	0.049744
Dync1li2	MmuINT0054208	chr8	1.07E+08	1.07E+08	-	0.040187
Dync1li2	MmuINT0054209	chr8	1.07E+08	1.07E+08	-	0.118334
Dync1li2	MmuINT0054210	chr8	1.07E+08	1.07E+08	-	0.04957
Dync1li2	MmuINT0054212	chr8	1.07E+08	1.07E+08	-	0.007768
Dync1li2	MmuINT0054213	chr8	1.07E+08	1.07E+08	-	0.003972
Dync1li2	MmuINT0054214	chr8	1.07E+08	1.07E+08	-	0.004336
Dync1li2	MmuINT0054215	chr8	1.07E+08	1.07E+08	-	0.003851
Dync1li2	MmuINT0054216	chr8	1.07E+08	1.07E+08	-	0.007796
Dync1li2	MmuINT0054217	chr8	1.07E+08	1.07E+08	-	0.009671
Dync1li2	MmuINT0054218	chr8	1.07E+08	1.07E+08	-	0.005185
Dync1li2	MmuINT0054219	chr8	1.07E+08	1.07E+08	-	0.036308
Dync2li1	MmuINT0054308	chr17	85025917	85027624	+	0.052746
Dync2li1	MmuINT0054311	chr17	85049142	85054640	+	0.098498
DynII1	MmuINT0054321	chr5	1.16E+08	1.16E+08	-	0.0076
DynII2	MmuINT0054323	chr11	87795073	87797373	-	0.001431
DynIrb1	MmuINT0054326	chr2	1.55E+08	1.55E+08	+	0.007659
DynIrb1	MmuINT0054327	chr2	1.55E+08	1.55E+08	+	0.006862
DynIrb1	MmuINT0054328	chr2	1.55E+08	1.55E+08	+	0.003644
DynIt3	MmuINT0054337	chrX	9238148	9239994	-	0.015058
DynIt3	MmuINT0054338	chrX	9234291	9238105	-	0.011765
DynIt3	MmuINT0054339	chrX	9233584	9234166	-	0.007421
DynIt3	MmuINT0054340	chrX	9233190	9233505	-	0.008914
Dyrk1a	MmuINT0054342	chr16	94906949	94908085	+	0.004825
Dyrk1a	MmuINT0054343	chr16	94908211	94913187	+	0.015141
Dyrk1a	MmuINT0054344	chr16	94833112	94881103	+	0.016336
Dyrk1a	MmuINT0054345	chr16	94881301	94885348	+	0.025395
Dyrk1a	MmuINT0054346	chr16	94885469	94887522	+	0.008624
Dyrk1a	MmuINT0054347	chr16	94887712	94890411	+	0.005939
Dyrk1a	MmuINT0054348	chr16	94890560	94892909	+	0.005912
Dyrk1a	MmuINT0054349	chr16	94893197	94894943	+	0.005415
Dyrk1a	MmuINT0054350	chr16	94895091	94899058	+	0.005642
Dyrk1a	MmuINT0054351	chr16	94899200	94906641	+	0.007882
Dyrk1b	MmuINT0054354	chr7	28964660	28966527	+	0.052275
Dyrk1b	MmuINT0054355	chr7	28971488	28971570	+	0.009595
Dyrk1b	MmuINT0054356	chr7	28966692	28967379	+	0.015282

Dyrk1b	MmuINT0054357	chr7	28967500	28967597	+	0.007637
Dyrk1b	MmuINT0054358	chr7	28967787	28968082	+	0.009708
Dyrk1b	MmuINT0054359	chr7	28968231	28969259	+	0.005292
Dyrk1b	MmuINT0054360	chr7	28969547	28970086	+	0.016526
Dyrk1b	MmuINT0054361	chr7	28970234	28970314	+	0.018958
Dyrk1b	MmuINT0054362	chr7	28971049	28971380	+	0.008137
Dyrk2	MmuINT0054363	chr10	1.18E+08	1.18E+08	-	0.035746
Dyrk2	MmuINT0054364	chr10	1.18E+08	1.18E+08	-	0.031692
Dysf	MmuINT0054382	chr6	83969603	83987227	+	0.022477
Dysf	MmuINT0054383	chr6	84018098	84020166	+	0.022112
Dysf	MmuINT0054384	chr6	84020198	84020872	+	0.015576
Dysf	MmuINT0054385	chr6	84020989	84022626	+	0.014337
Dysf	MmuINT0054386	chr6	84022754	84023855	+	0.01998
Dysf	MmuINT0054387	chr6	84023960	84033709	+	0.02325
Dysf	MmuINT0054388	chr6	84033779	84033907	+	0.019038
Dysf	MmuINT0054389	chr6	84033952	84037785	+	0.019947
Dysf	MmuINT0054390	chr6	84037869	84047701	+	0.08457
Dysf	MmuINT0054391	chr6	84047818	84048146	+	0.013429
Dysf	MmuINT0054392	chr6	84048261	84049409	+	0.013471
Dysf	MmuINT0054393	chr6	83987284	83989499	+	0.019237
Dysf	MmuINT0054394	chr6	84049588	84050147	+	0.013192
Dysf	MmuINT0054395	chr6	84050273	84051856	+	0.012994
Dysf	MmuINT0054396	chr6	84051964	84056803	+	0.015503
Dysf	MmuINT0054397	chr6	84056997	84058040	+	0.008284
Dysf	MmuINT0054398	chr6	84058197	84061849	+	0.013092
Dysf	MmuINT0054399	chr6	84061982	84062060	+	0.008646
Dysf	MmuINT0054400	chr6	84062228	84063278	+	0.009828
Dysf	MmuINT0054401	chr6	84063394	84063592	+	0.012865
Dysf	MmuINT0054402	chr6	84063699	84063969	+	0.008874
Dysf	MmuINT0054403	chr6	84064113	84066041	+	0.0136
Dysf	MmuINT0054404	chr6	83989592	84008412	+	0.019497
Dysf	MmuINT0054405	chr6	84066216	84079464	+	0.054945
Dysf	MmuINT0054406	chr6	84079559	84080109	+	0.019878
Dysf	MmuINT0054407	chr6	84080188	84087211	+	0.01868
Dysf	MmuINT0054408	chr6	84087394	84090004	+	0.010363
Dysf	MmuINT0054409	chr6	84090146	84090650	+	0.010994
Dysf	MmuINT0054410	chr6	84090681	84091916	+	0.030389
Dysf	MmuINT0054411	chr6	84091947	84099668	+	0.012362
Dysf	MmuINT0054412	chr6	84099771	84099867	+	0.006248
Dysf	MmuINT0054413	chr6	84100030	84101877	+	0.007704
Dysf	MmuINT0054414	chr6	84102044	84102326	+	0.007658
Dysf	MmuINT0054415	chr6	84008519	84013314	+	0.018857
Dysf	MmuINT0054416	chr6	84102404	84129665	+	0.016987
Dysf	MmuINT0054417	chr6	84129765	84135951	+	0.026752
Dysf	MmuINT0054418	chr6	84136081	84136346	+	0.00443
Dysf	MmuINT0054419	chr6	84136503	84138198	+	0.010133
Dysf	MmuINT0054420	chr6	84138291	84139677	+	0.004707
Dysf	MmuINT0054422	chr6	84140892	84142889	+	0.003426
Dysf	MmuINT0054423	chr6	84143030	84144312	+	0.004564
Dysf	MmuINT0054424	chr6	84144402	84144658	+	0.091543



Dysf	MmuINT0054425	chr6	84144755	84145171	+	0.016522
Dysf	MmuINT0054426	chr6	84013430	84014464	+	0.035935
Dysf	MmuINT0054427	chr6	84145314	84149741	+	0.02195
Dysf	MmuINT0054428	chr6	84149842	84153176	+	0.011237
Dysf	MmuINT0054429	chr6	84153356	84155777	+	0.010406
Dysf	MmuINT0054430	chr6	84155888	84157086	+	0.006272
Dysf	MmuINT0054431	chr6	84157235	84160786	+	0.00922
Dysf	MmuINT0054432	chr6	84014558	84014869	+	0.036187
Dysf	MmuINT0054433	chr6	84015082	84016937	+	0.0107
Dysf	MmuINT0054434	chr6	84017067	84017447	+	0.024575
Dysf	MmuINT0054435	chr6	84017511	84018046	+	0.021063
Dzip1l	MmuINT0054485	chr9	99564136	99566133	+	0.143926
Dzip1l	MmuINT0054486	chr9	99566274	99568057	+	0.070879
Dzip1l	MmuINT0054490	chr9	99543114	99547505	+	0.081487
Dzip3	MmuINT0054497	chr16	48984749	48993902	-	0.093553
Dzip3	MmuINT0054502	chr16	48948690	48950113	-	0.037052
Dzip3	MmuINT0054503	chr16	48947836	48948519	-	0.037743
Dzip3	MmuINT0054504	chr16	48945737	48947787	-	0.069008
Dzip3	MmuINT0054506	chr16	48943666	48944875	-	0.054019
Dzip3	MmuINT0054509	chr16	48941834	48942188	-	0.067821
Dzip3	MmuINT0054510	chr16	48938644	48941764	-	0.106246
Dzip3	MmuINT0054515	chr16	48929869	48931280	-	0.070813
Dzip3	MmuINT0054516	chr16	48928530	48929728	-	0.037335
Dzip3	MmuINT0054518	chr16	48927757	48927842	-	0.047079
Dzip3	MmuINT0054520	chr16	48926216	48927654	-	0.274349
Dzip3	MmuINT0054523	chr16	48975661	48977994	-	0.060612
Dzip3	MmuINT0054524	chr16	48972450	48975535	-	0.065354
E030010A14Rik	MmuINT0054535	chr19	24748834	24752025	+	0.610349
E030011O05Rik	MmuINT0054536	chr9	96651803	96652803	-	0.035589
E030011O05Rik	MmuINT0054537	chr9	96632733	96651720	-	0.084409
E030011O05Rik	MmuINT0054538	chr9	96632162	96632666	-	0.05577
E130203B14Rik	MmuINT0054579	chr14	33700209	33705811	+	0.021711
E130203B14Rik	MmuINT0054580	chr14	33705920	33717748	+	0.025461
E130303B06Rik	MmuINT0054586	chr8	1.08E+08	1.08E+08	-	0.063224
E130309D02Rik	MmuINT0054604	chr5	1.44E+08	1.44E+08	-	0.101703
E130309D02Rik	MmuINT0054605	chr5	1.44E+08	1.44E+08	-	0.019063
E130309D02Rik	MmuINT0054606	chr5	1.44E+08	1.44E+08	-	0.013012
E130309D02Rik	MmuINT0054607	chr5	1.44E+08	1.44E+08	-	0.022961
E130309D02Rik	MmuINT0054608	chr5	1.44E+08	1.44E+08	-	0.050789
E130311K13Rik	MmuINT0054620	chr3	63729404	63731185	-	0.050888
E130311K13Rik	MmuINT0054622	chr3	63719661	63724122	-	0.049039
E2f1	MmuINT0054690	chr2	1.54E+08	1.54E+08	-	0.057918
E2f1	MmuINT0054693	chr2	1.54E+08	1.54E+08	-	0.051099
E2f3	MmuINT0054701	chr13	30010665	30011982	-	0.059766
E2f3	MmuINT0054702	chr13	30008874	30010444	-	0.031769
E2f3	MmuINT0054703	chr13	30005388	30008714	-	0.024903
E2f3	MmuINT0054704	chr13	30003198	30005272	-	0.02332
E2f3	MmuINT0054705	chr13	30002035	30003061	-	0.034712
E2f4	MmuINT0054706	chr8	1.08E+08	1.08E+08	+	0.019142
E2f4	MmuINT0054707	chr8	1.08E+08	1.08E+08	+	0.006271

E2f4	MmuINT0054708	chr8	1.08E+08	1.08E+08	+	0.029278
E2f4	MmuINT0054709	chr8	1.08E+08	1.08E+08	+	0.012143
E2f4	MmuINT0054710	chr8	1.08E+08	1.08E+08	+	0.006894
E2f4	MmuINT0054711	chr8	1.08E+08	1.08E+08	+	0.008765
E2f4	MmuINT0054712	chr8	1.08E+08	1.08E+08	+	0.172368
E2f4	MmuINT0054713	chr8	1.08E+08	1.08E+08	+	0.038808
E2f4	MmuINT0054714	chr8	1.08E+08	1.08E+08	+	0.085289
E2f5	MmuINT0054715	chr3	14579024	14587309	+	0.082416
E2f5	MmuINT0054716	chr3	14587420	14588139	+	0.031789
E2f5	MmuINT0054717	chr3	14588302	14601002	+	0.084973
E2f5	MmuINT0054718	chr3	14601047	14602647	+	0.098807
E2f5	MmuINT0054719	chr3	14602713	14603637	+	0.228976
E2f5	MmuINT0054720	chr3	14603906	14605124	+	0.05136
E2f5	MmuINT0054721	chr3	14605170	14605607	+	0.106003
E2f6	MmuINT0054723	chr12	16818122	16820652	+	0.02105
E2f6	MmuINT0054724	chr12	16820719	16823205	+	0.025859
E2f6	MmuINT0054725	chr12	16823261	16825646	+	0.004123
E2f6	MmuINT0054726	chr12	16825864	16827034	+	0.0024
E2f6	MmuINT0054727	chr12	16827191	16828898	+	0.018188
E2f6	MmuINT0054728	chr12	16829014	16831375	+	0.018134
E2f6	MmuINT0054729	chr12	16831524	16832170	+	0.010661
E430025E21Rik	MmuINT0054795	chr15	59201741	59205595	-	0.014966
E430025E21Rik	MmuINT0054796	chr15	59184186	59187388	-	0.00917
E430025E21Rik	MmuINT0054797	chr15	59183140	59184055	-	0.008716
E430025E21Rik	MmuINT0054798	chr15	59182009	59183026	-	0.010322
E430025E21Rik	MmuINT0054799	chr15	59181763	59181841	-	0.009861
E430025E21Rik	MmuINT0054800	chr15	59180959	59181686	-	0.02179
E430025E21Rik	MmuINT0054801	chr15	59180081	59180847	-	0.013106
E430025E21Rik	MmuINT0054802	chr15	59178456	59179939	-	0.029601
E430025E21Rik	MmuINT0054803	chr15	59177871	59178374	-	0.013859
E430025E21Rik	MmuINT0054804	chr15	59177073	59177768	-	0.009174
E430025E21Rik	MmuINT0054805	chr15	59175705	59176892	-	0.008541
E430025E21Rik	MmuINT0054806	chr15	59200854	59201434	-	0.008789
E430025E21Rik	MmuINT0054807	chr15	59173657	59175579	-	0.014778
E430025E21Rik	MmuINT0054808	chr15	59172718	59173493	-	0.014624
E430025E21Rik	MmuINT0054809	chr15	59172527	59172614	-	0.008753
E430025E21Rik	MmuINT0054810	chr15	59171473	59172446	-	0.013734
E430025E21Rik	MmuINT0054811	chr15	59170599	59171368	-	0.008017
E430025E21Rik	MmuINT0054812	chr15	59168845	59170468	-	0.012717
E430025E21Rik	MmuINT0054813	chr15	59166797	59168747	-	0.010948
E430025E21Rik	MmuINT0054814	chr15	59165261	59166642	-	0.015937
E430025E21Rik	MmuINT0054815	chr15	59163915	59165172	-	0.009136
E430025E21Rik	MmuINT0054816	chr15	59200016	59200707	-	0.013099
E430025E21Rik	MmuINT0054817	chr15	59199051	59199930	-	0.012646
E430025E21Rik	MmuINT0054818	chr15	59197911	59198949	-	0.007419
E430025E21Rik	MmuINT0054819	chr15	59194902	59197717	-	0.017763
E430025E21Rik	MmuINT0054820	chr15	59192792	59194748	-	0.027742
E430025E21Rik	MmuINT0054821	chr15	59190990	59192677	-	0.0072
E430025E21Rik	MmuINT0054822	chr15	59187517	59190817	-	0.008009
E4f1	MmuINT0054829	chr17	24588503	24592079	-	0.125556

E4f1	MmuINT0054830	chr17	24581920	24582066	-	0.359215
E4f1	MmuINT0054831	chr17	24581635	24581720	-	0.116768
E4f1	MmuINT0054832	chr17	24581422	24581491	-	0.317298
E4f1	MmuINT0054833	chr17	24581283	24581358	-	0.250521
E4f1	MmuINT0054834	chr17	24586679	24588350	-	0.02663
E4f1	MmuINT0054835	chr17	24584437	24586566	-	0.127974
E4f1	MmuINT0054836	chr17	24584156	24584242	-	0.031912
E4f1	MmuINT0054837	chr17	24583880	24584034	-	0.111111
E4f1	MmuINT0054838	chr17	24583626	24583726	-	0.059926
E4f1	MmuINT0054839	chr17	24583101	24583458	-	0.033852
E4f1	MmuINT0054840	chr17	24582497	24582890	-	0.130298
E4f1	MmuINT0054841	chr17	24582285	24582390	-	0.271112
Eaf1	MmuINT0054864	chr14	32308558	32310894	+	0.036297
Eaf1	MmuINT0054865	chr14	32310990	32313305	+	0.027164
Eaf1	MmuINT0054866	chr14	32313443	32315448	+	0.046484
Eaf1	MmuINT0054867	chr14	32315640	32317472	+	0.033676
Eaf1	MmuINT0054868	chr14	32317707	32319756	+	0.09891
Eapp	MmuINT0054882	chr12	55793944	55796697	-	0.008395
Eapp	MmuINT0054883	chr12	55793083	55793761	-	0.005882
Eapp	MmuINT0054884	chr12	55786959	55792986	-	0.014385
Eapp	MmuINT0054885	chr12	55779611	55786846	-	0.007446
Eapp	MmuINT0054886	chr12	55774838	55779496	-	0.003587
Ears2	MmuINT0054891	chr7	1.29E+08	1.29E+08	-	0.012364
Ears2	MmuINT0054892	chr7	1.29E+08	1.29E+08	-	0.014907
Ears2	MmuINT0054893	chr7	1.29E+08	1.29E+08	-	0.016905
Ears2	MmuINT0054894	chr7	1.29E+08	1.29E+08	-	0.077598
Ears2	MmuINT0054896	chr7	1.29E+08	1.29E+08	-	0.036648
Ears2	MmuINT0054897	chr7	1.29E+08	1.29E+08	-	0.067245
Ears2	MmuINT0054898	chr7	1.29E+08	1.29E+08	-	0.00721
Ebag9	MmuINT0054900	chr15	44456087	44459102	+	0.003316
Ebag9	MmuINT0054901	chr15	44459182	44459921	+	0.003821
Ebag9	MmuINT0054902	chr15	44460081	44461650	+	0.004557
Ebag9	MmuINT0054903	chr15	44461759	44468309	+	0.008146
Ebag9	MmuINT0054904	chr15	44468402	44471847	+	0.006958
Ebf1	MmuINT0054906	chr11	44738078	44786365	+	0.043092
Ebf1	MmuINT0054909	chr11	44805093	44805810	+	0.024523
Ebf1	MmuINT0054910	chr11	44805991	44809507	+	0.022355
Ebf1	MmuINT0054911	chr11	44809703	44818218	+	0.025619
Ebf1	MmuINT0054912	chr11	44434073	44434668	+	0.05515
Ebf3	MmuINT0054936	chr7	1.45E+08	1.45E+08	-	0.100951
Ebf3	MmuINT0054938	chr7	1.44E+08	1.44E+08	-	0.091762
Ebna1bp2	MmuINT0054970	chr4	1.18E+08	1.18E+08	+	0.006711
Ebna1bp2	MmuINT0054971	chr4	1.18E+08	1.18E+08	+	0.005793
Ebna1bp2	MmuINT0054972	chr4	1.18E+08	1.18E+08	+	0.031102
Ebna1bp2	MmuINT0054973	chr4	1.18E+08	1.18E+08	+	0.010126
Ebna1bp2	MmuINT0054974	chr4	1.18E+08	1.18E+08	+	0.004822
Ebna1bp2	MmuINT0054975	chr4	1.18E+08	1.18E+08	+	0.00669
Ebna1bp2	MmuINT0054976	chr4	1.18E+08	1.18E+08	+	0.008596
Ebna1bp2	MmuINT0054977	chr4	1.18E+08	1.18E+08	+	0.017521
Ebp	MmuINT0054978	chrX	7767563	7769926	-	0.00988

Ebp	MmuINT0054979	chrX	7764046	7767204	-	0.013034
Ebp	MmuINT0054980	chrX	7763901	7764008	-	0.024633
Ebp	MmuINT0054981	chrX	7762960	7763769	-	0.006794
Ebpl	MmuINT0054982	chr14	61966279	61979056	-	0.037963
Ebpl	MmuINT0054983	chr14	61961064	61966208	-	0.032784
Ebpl	MmuINT0054984	chr14	61960242	61960924	-	0.024823
Ecd	MmuINT0054985	chr14	21166044	21167015	-	0.005935
Ecd	MmuINT0054986	chr14	21148012	21148104	-	0.005345
Ecd	MmuINT0054987	chr14	21146514	21147824	-	0.015961
Ecd	MmuINT0054988	chr14	21143804	21146445	-	0.018193
Ecd	MmuINT0054989	chr14	21140174	21143594	-	0.004914
Ecd	MmuINT0054990	chr14	21162596	21165832	-	0.006583
Ecd	MmuINT0054991	chr14	21157719	21162477	-	0.009918
Ecd	MmuINT0054992	chr14	21157530	21157630	-	0.00607
Ecd	MmuINT0054993	chr14	21156297	21157350	-	0.006694
Ecd	MmuINT0054994	chr14	21155420	21156103	-	0.005832
Ecd	MmuINT0054995	chr14	21152680	21155290	-	0.017141
Ecd	MmuINT0054996	chr14	21149262	21152550	-	0.008021
Ecd	MmuINT0054997	chr14	21148212	21149175	-	0.006925
Ece1	MmuINT0054999	chr4	1.38E+08	1.38E+08	+	0.006696
Ece1	MmuINT0055000	chr4	1.38E+08	1.38E+08	+	0.009062
Ece1	MmuINT0055001	chr4	1.38E+08	1.38E+08	+	0.009631
Ece1	MmuINT0055002	chr4	1.38E+08	1.38E+08	+	0.016249
Ece1	MmuINT0055003	chr4	1.38E+08	1.38E+08	+	0.011799
Ece1	MmuINT0055004	chr4	1.38E+08	1.38E+08	+	0.037783
Ece1	MmuINT0055005	chr4	1.38E+08	1.38E+08	+	0.018238
Ece1	MmuINT0055006	chr4	1.38E+08	1.38E+08	+	0.019779
Ece1	MmuINT0055007	chr4	1.38E+08	1.38E+08	+	0.020162
Ece1	MmuINT0055008	chr4	1.38E+08	1.38E+08	+	0.009666
Ece1	MmuINT0055010	chr4	1.37E+08	1.37E+08	+	0.258132
Ece1	MmuINT0055011	chr4	1.37E+08	1.37E+08	+	0.011411
Ece1	MmuINT0055012	chr4	1.37E+08	1.37E+08	+	0.009129
Ece1	MmuINT0055013	chr4	1.37E+08	1.37E+08	+	0.008055
Ece1	MmuINT0055014	chr4	1.37E+08	1.37E+08	+	0.008241
Ece1	MmuINT0055015	chr4	1.37E+08	1.37E+08	+	0.011267
Ece1	MmuINT0055016	chr4	1.37E+08	1.38E+08	+	0.008344
Ece2	MmuINT0055020	chr16	20611894	20617698	+	0.078843
Ech1	MmuINT0055056	chr7	29610432	29610892	+	0.000282
Ech1	MmuINT0055057	chr7	29611098	29611203	+	0.000788
Ech1	MmuINT0055058	chr7	29611293	29614818	+	0.000436
Ech1	MmuINT0055059	chr7	29614944	29615020	+	0.002071
Ech1	MmuINT0055060	chr7	29615070	29615232	+	0.041286
Ech1	MmuINT0055061	chr7	29615298	29616235	+	0.001499
Ech1	MmuINT0055062	chr7	29616307	29616407	+	0.002753
Ech1	MmuINT0055063	chr7	29616480	29616735	+	0.003187
Ech1	MmuINT0055064	chr7	29616887	29617022	+	0.000518
Echdc1	MmuINT0055066	chr10	29033540	29037312	+	0.031781
Echdc1	MmuINT0055067	chr10	29037529	29042080	+	0.005483
Echdc1	MmuINT0055068	chr10	29042224	29051624	+	0.008874
Echdc1	MmuINT0055069	chr10	29051678	29053996	+	0.013146

Echdc2	MmuINT0055070	chr4	1.08E+08	1.08E+08	+	0.022495
Echdc2	MmuINT0055071	chr4	1.08E+08	1.08E+08	+	0.013704
Echdc2	MmuINT0055072	chr4	1.08E+08	1.08E+08	+	0.160806
Echdc2	MmuINT0055073	chr4	1.08E+08	1.08E+08	+	0.039929
Echdc2	MmuINT0055074	chr4	1.08E+08	1.08E+08	+	0.0077
Echdc2	MmuINT0055075	chr4	1.08E+08	1.08E+08	+	0.006449
Echdc2	MmuINT0055076	chr4	1.08E+08	1.08E+08	+	0.00523
Echdc2	MmuINT0055077	chr4	1.08E+08	1.08E+08	+	0.007299
Echdc2	MmuINT0055078	chr4	1.08E+08	1.08E+08	+	0.026151
Echdc3	MmuINT0055079	chr2	6129636	6133836	-	0.004964
Echdc3	MmuINT0055080	chr2	6127559	6129513	-	0.006678
Echdc3	MmuINT0055081	chr2	6116830	6127460	-	0.01423
Echdc3	MmuINT0055082	chr2	6110698	6116628	-	0.004758
Echs1	MmuINT0055083	chr7	1.47E+08	1.47E+08	-	0.001019
Echs1	MmuINT0055084	chr7	1.47E+08	1.47E+08	-	0.000957
Echs1	MmuINT0055085	chr7	1.47E+08	1.47E+08	-	0.002187
Echs1	MmuINT0055086	chr7	1.47E+08	1.47E+08	-	0.002029
Echs1	MmuINT0055087	chr7	1.47E+08	1.47E+08	-	0.001177
Echs1	MmuINT0055088	chr7	1.47E+08	1.47E+08	-	0.002202
Echs1	MmuINT0055089	chr7	1.47E+08	1.47E+08	-	0.003463
Ecm1	MmuINT0055090	chr3	95542225	95543295	-	0.022366
Ecm1	MmuINT0055091	chr3	95538394	95538745	-	0.009547
Ecm1	MmuINT0055092	chr3	95542040	95542161	-	0.045579
Ecm1	MmuINT0055093	chr3	95541812	95541934	-	0.080471
Ecm1	MmuINT0055094	chr3	95541637	95541730	-	0.023973
Ecm1	MmuINT0055095	chr3	95540981	95541555	-	0.179077
Ecm1	MmuINT0055096	chr3	95540715	95540935	-	0.125703
Ecm1	MmuINT0055097	chr3	95540145	95540394	-	0.184996
Ecm1	MmuINT0055098	chr3	95539343	95539769	-	0.036534
Ecm1	MmuINT0055099	chr3	95538834	95539121	-	0.023713
Ecm2	MmuINT0055100	chr13	49600375	49610162	+	0.014585
Ecm2	MmuINT0055102	chr13	49613860	49615940	+	0.132706
Ecm2	MmuINT0055103	chr13	49616442	49618144	+	0.017388
Ecm2	MmuINT0055104	chr13	49618261	49619691	+	0.058115
Ecm2	MmuINT0055105	chr13	49619828	49622978	+	0.017626
Ecm2	MmuINT0055106	chr13	49623137	49624242	+	0.022219
Ecm2	MmuINT0055107	chr13	49624383	49625433	+	0.055889
Ecm2	MmuINT0055108	chr13	49625761	49626631	+	0.010591
Ecscr	MmuINT0055110	chr18	35876945	35878001	-	0.056295
Ecscr	MmuINT0055111	chr18	35876467	35876806	-	0.026772
Ecscr	MmuINT0055112	chr18	35875730	35876406	-	0.049722
Ecscr	MmuINT0055113	chr18	35875176	35875606	-	0.049755
Ecscr	MmuINT0055114	chr18	35874870	35875076	-	0.030745
Ecscr	MmuINT0055115	chr18	35873392	35874832	-	0.197026
Ecscr	MmuINT0055116	chr18	35873089	35873294	-	0.033365
Ecsit	MmuINT0055117	chr9	21888653	21889792	-	0.004138
Ecsit	MmuINT0055119	chr9	21881090	21882591	-	0.005374
Ecsit	MmuINT0055120	chr9	21879259	21880671	-	0.003469
Ecsit	MmuINT0055121	chr9	21878185	21879034	-	0.002492
Ecsit	MmuINT0055122	chr9	21878019	21878126	-	0.003026

Ecsit	MmuINT0055124	chr9	21877025	21877425	-	0.006298
Edc3	MmuINT0055198	chr9	57556507	57561187	+	0.050779
Edc3	MmuINT0055199	chr9	57561369	57563754	+	0.038061
Edc3	MmuINT0055200	chr9	57564075	57574992	+	0.036264
Edc3	MmuINT0055201	chr9	57575329	57587696	+	0.017684
Edc3	MmuINT0055202	chr9	57587851	57592391	+	0.046699
Edc3	MmuINT0055203	chr9	57592610	57595967	+	0.029029
Edc4	MmuINT0055204	chr8	1.08E+08	1.08E+08	+	0.009052
Edc4	MmuINT0055205	chr8	1.08E+08	1.08E+08	+	0.050597
Edc4	MmuINT0055206	chr8	1.08E+08	1.08E+08	+	0.045723
Edc4	MmuINT0055207	chr8	1.08E+08	1.08E+08	+	0.016242
Edc4	MmuINT0055208	chr8	1.08E+08	1.08E+08	+	0.057605
Edc4	MmuINT0055209	chr8	1.08E+08	1.08E+08	+	0.064939
Edc4	MmuINT0055210	chr8	1.08E+08	1.08E+08	+	0.131587
Edc4	MmuINT0055211	chr8	1.08E+08	1.08E+08	+	0.07552
Edc4	MmuINT0055212	chr8	1.08E+08	1.08E+08	+	0.046994
Edc4	MmuINT0055213	chr8	1.08E+08	1.08E+08	+	0.748808
Edc4	MmuINT0055214	chr8	1.08E+08	1.08E+08	+	0.030536
Edc4	MmuINT0055215	chr8	1.08E+08	1.08E+08	+	0.038903
Edc4	MmuINT0055216	chr8	1.08E+08	1.08E+08	+	0.026336
Edc4	MmuINT0055217	chr8	1.08E+08	1.08E+08	+	0.024284
Edc4	MmuINT0055218	chr8	1.08E+08	1.08E+08	+	0.06982
Edc4	MmuINT0055219	chr8	1.08E+08	1.08E+08	+	0.044136
Edc4	MmuINT0055220	chr8	1.08E+08	1.08E+08	+	0.038509
Edc4	MmuINT0055221	chr8	1.08E+08	1.08E+08	+	0.029261
Edc4	MmuINT0055222	chr8	1.08E+08	1.08E+08	+	0.050111
Edc4	MmuINT0055223	chr8	1.08E+08	1.08E+08	+	0.019375
Edc4	MmuINT0055224	chr8	1.08E+08	1.08E+08	+	0.036048
Edc4	MmuINT0055225	chr8	1.08E+08	1.08E+08	+	0.273058
Edc4	MmuINT0055226	chr8	1.08E+08	1.08E+08	+	0.016774
Edc4	MmuINT0055227	chr8	1.08E+08	1.08E+08	+	0.016828
Edc4	MmuINT0055228	chr8	1.08E+08	1.08E+08	+	0.015686
Edc4	MmuINT0055229	chr8	1.08E+08	1.08E+08	+	0.013375
Edc4	MmuINT0055230	chr8	1.08E+08	1.08E+08	+	0.058999
Edc4	MmuINT0055231	chr8	1.08E+08	1.08E+08	+	0.031619
Edem1	MmuINT0055232	chr6	1.09E+08	1.09E+08	+	0.056772
Edem1	MmuINT0055233	chr6	1.09E+08	1.09E+08	+	0.024126
Edem1	MmuINT0055234	chr6	1.09E+08	1.09E+08	+	0.017822
Edem1	MmuINT0055235	chr6	1.09E+08	1.09E+08	+	0.032869
Edem1	MmuINT0055236	chr6	1.09E+08	1.09E+08	+	0.046447
Edem1	MmuINT0055237	chr6	1.09E+08	1.09E+08	+	0.044168
Edem1	MmuINT0055238	chr6	1.09E+08	1.09E+08	+	0.030501
Edem1	MmuINT0055239	chr6	1.09E+08	1.09E+08	+	0.029289
Edem1	MmuINT0055240	chr6	1.09E+08	1.09E+08	+	0.028073
Edem1	MmuINT0055241	chr6	1.09E+08	1.09E+08	+	0.068563
Edem1	MmuINT0055242	chr6	1.09E+08	1.09E+08	+	0.14609
Edem2	MmuINT0055243	chr2	1.56E+08	1.56E+08	-	0.089276
Edem2	MmuINT0055244	chr2	1.56E+08	1.56E+08	-	0.02773
Edem2	MmuINT0055245	chr2	1.56E+08	1.56E+08	-	0.028349
Edem2	MmuINT0055246	chr2	1.56E+08	1.56E+08	-	0.036163

Edem2	MmuINT0055247	chr2	1.56E+08	1.56E+08	-	0.025241
Edem2	MmuINT0055248	chr2	1.56E+08	1.56E+08	-	0.027223
Edem2	MmuINT0055249	chr2	1.56E+08	1.56E+08	-	0.040783
Edem2	MmuINT0055250	chr2	1.56E+08	1.56E+08	-	0.162146
Edem2	MmuINT0055251	chr2	1.56E+08	1.56E+08	-	0.018104
Edem2	MmuINT0055252	chr2	1.56E+08	1.56E+08	-	0.031772
Edem3	MmuINT0055253	chr1	1.54E+08	1.54E+08	+	0.04457
Edem3	MmuINT0055254	chr1	1.54E+08	1.54E+08	+	0.025108
Edem3	MmuINT0055255	chr1	1.54E+08	1.54E+08	+	0.026113
Edem3	MmuINT0055256	chr1	1.54E+08	1.54E+08	+	0.024941
Edem3	MmuINT0055257	chr1	1.54E+08	1.54E+08	+	0.026538
Edem3	MmuINT0055258	chr1	1.54E+08	1.54E+08	+	0.012647
Edem3	MmuINT0055259	chr1	1.54E+08	1.54E+08	+	0.025113
Edem3	MmuINT0055260	chr1	1.54E+08	1.54E+08	+	0.04709
Edem3	MmuINT0055261	chr1	1.54E+08	1.54E+08	+	0.013642
Edem3	MmuINT0055262	chr1	1.54E+08	1.54E+08	+	0.022589
Edem3	MmuINT0055263	chr1	1.54E+08	1.54E+08	+	0.012617
Edem3	MmuINT0055264	chr1	1.54E+08	1.54E+08	+	0.036919
Edem3	MmuINT0055265	chr1	1.54E+08	1.54E+08	+	0.055177
Edem3	MmuINT0055266	chr1	1.54E+08	1.54E+08	+	0.036197
Edem3	MmuINT0055267	chr1	1.54E+08	1.54E+08	+	0.025245
Edem3	MmuINT0055268	chr1	1.54E+08	1.54E+08	+	0.025684
Edem3	MmuINT0055269	chr1	1.54E+08	1.54E+08	+	0.020669
Edem3	MmuINT0055270	chr1	1.54E+08	1.54E+08	+	0.033358
Edem3	MmuINT0055271	chr1	1.54E+08	1.54E+08	+	0.02976
Edf1	MmuINT0055272	chr2	25413550	25415670	+	0.000516
Edf1	MmuINT0055273	chr2	25415723	25416059	+	0.00087
Edf1	MmuINT0055275	chr2	25416583	25417370	+	0.004767
Edn1	MmuINT0055287	chr13	42397328	42398925	+	0.051363
Edn1	MmuINT0055288	chr13	42399095	42400314	+	0.046355
Edn1	MmuINT0055289	chr13	42400474	42400623	+	0.044181
Edn1	MmuINT0055290	chr13	42400738	42402145	+	0.069196
Ednra	MmuINT0055299	chr8	80244402	80247994	-	0.006683
Ednra	MmuINT0055300	chr8	80213096	80243926	-	0.008412
Ednra	MmuINT0055301	chr8	80199011	80212967	-	0.010315
Ednra	MmuINT0055302	chr8	80195569	80198811	-	0.009608
Ednra	MmuINT0055303	chr8	80191832	80195415	-	0.078239
Ednra	MmuINT0055304	chr8	80191331	80191697	-	0.013056
Ednra	MmuINT0055305	chr8	80189016	80191221	-	0.021043
Ednrb	MmuINT0055306	chr14	1.04E+08	1.04E+08	-	0.030274
Ednrb	MmuINT0055307	chr14	1.04E+08	1.04E+08	-	0.015981
Ednrb	MmuINT0055308	chr14	1.04E+08	1.04E+08	-	0.027993
Ednrb	MmuINT0055309	chr14	1.04E+08	1.04E+08	-	0.03254
Ednrb	MmuINT0055310	chr14	1.04E+08	1.04E+08	-	0.049298
Eea1	MmuINT0055311	chr10	95403607	95436619	+	0.046952
Eea1	MmuINT0055312	chr10	95465638	95473408	+	0.015539
Eea1	MmuINT0055313	chr10	95473748	95474718	+	0.01314
Eea1	MmuINT0055314	chr10	95474869	95475939	+	0.018105
Eea1	MmuINT0055315	chr10	95476060	95480639	+	0.014717
Eea1	MmuINT0055316	chr10	95480844	95482464	+	0.014874

Eea1	MmuINT0055317	chr10	95482666	95484240	+	0.017128
Eea1	MmuINT0055318	chr10	95484355	95486530	+	0.016322
Eea1	MmuINT0055319	chr10	95486687	95488665	+	0.012196
Eea1	MmuINT0055320	chr10	95488806	95489190	+	0.020763
Eea1	MmuINT0055321	chr10	95489522	95489685	+	0.017521
Eea1	MmuINT0055322	chr10	95436713	95452195	+	0.028511
Eea1	MmuINT0055323	chr10	95489788	95491026	+	0.011905
Eea1	MmuINT0055324	chr10	95491222	95494144	+	0.015412
Eea1	MmuINT0055325	chr10	95494328	95499213	+	0.011076
Eea1	MmuINT0055326	chr10	95499400	95500047	+	0.048733
Eea1	MmuINT0055327	chr10	95500180	95501326	+	0.007314
Eea1	MmuINT0055328	chr10	95501513	95502156	+	0.008975
Eea1	MmuINT0055329	chr10	95502396	95502885	+	0.007471
Eea1	MmuINT0055330	chr10	95503007	95504073	+	0.012319
Eea1	MmuINT0055331	chr10	95504173	95504715	+	0.013805
Eea1	MmuINT0055332	chr10	95452324	95452888	+	0.042055
Eea1	MmuINT0055333	chr10	95452944	95453033	+	0.038013
Eea1	MmuINT0055334	chr10	95453100	95456057	+	0.142463
Eea1	MmuINT0055335	chr10	95456098	95457518	+	0.02758
Eea1	MmuINT0055336	chr10	95457633	95458202	+	0.016417
Eea1	MmuINT0055337	chr10	95458325	95459570	+	0.017369
Eea1	MmuINT0055338	chr10	95459727	95465520	+	0.013772
Eed	MmuINT0055339	chr7	97125560	97128921	-	0.005331
Eed	MmuINT0055340	chr7	97104115	97104764	-	0.077133
Eed	MmuINT0055341	chr7	97103574	97104040	-	0.050195
Eed	MmuINT0055342	chr7	97120834	97125406	-	0.006914
Eed	MmuINT0055343	chr7	97120116	97120740	-	0.01673
Eed	MmuINT0055344	chr7	97118942	97120049	-	0.032862
Eed	MmuINT0055345	chr7	97118163	97118815	-	0.02188
Eed	MmuINT0055346	chr7	97116315	97118080	-	0.025453
Eed	MmuINT0055347	chr7	97113373	97116222	-	0.027113
Eed	MmuINT0055348	chr7	97110872	97113238	-	0.105618
Eed	MmuINT0055349	chr7	97104924	97110765	-	0.04424
Eef1a1	MmuINT0055350	chr9	78328496	78329445	-	0.000882
Eef1a2	MmuINT0055357	chr2	1.81E+08	1.81E+08	-	0.002766
Eef1a2	MmuINT0055358	chr2	1.81E+08	1.81E+08	-	0.002318
Eef1a2	MmuINT0055359	chr2	1.81E+08	1.81E+08	-	0.000132
Eef1a2	MmuINT0055360	chr2	1.81E+08	1.81E+08	-	0.001375
Eef1a2	MmuINT0055361	chr2	1.81E+08	1.81E+08	-	0.001028
Eef1a2	MmuINT0055362	chr2	1.81E+08	1.81E+08	-	0.00285
Eef1a2	MmuINT0055363	chr2	1.81E+08	1.81E+08	-	0.001
Eef1b2	MmuINT0055364	chr1	63223866	63224327	+	0.002833
Eef1b2	MmuINT0055365	chr1	63224451	63225012	+	0.008409
Eef1b2	MmuINT0055366	chr1	63225140	63225405	+	0.001961
Eef1b2	MmuINT0055367	chr1	63225473	63225821	+	0.003653
Eef1d	MmuINT0055372	chr15	75731686	75733108	-	0.798283
Eef1d	MmuINT0055373	chr15	75731193	75731561	-	0.00105
Eef1d	MmuINT0055374	chr15	75727350	75731120	-	0.005504
Eef1d	MmuINT0055376	chr15	75726895	75727069	-	0.000949
Eef1d	MmuINT0055378	chr15	75726022	75726161	-	0.000404



Eef1e1	MmuINT0055379	chr13	38748110	38750775	-	0.007381
Eef1e1	MmuINT0055380	chr13	38746961	38747908	-	0.038458
Eef1e1	MmuINT0055381	chr13	38738180	38746864	-	0.01463
Eef2	MmuINT0055391	chr10	80639475	80640409	+	0.000269
Eef2	MmuINT0055396	chr10	80640625	80640797	+	0.000156
Eef2	MmuINT0055397	chr10	80640980	80641425	+	0.000667
Eef2	MmuINT0055398	chr10	80641638	80641825	+	0.000835
Eef2	MmuINT0055399	chr10	80642005	80642090	+	0.001043
Eef2	MmuINT0055400	chr10	80642197	80642288	+	0.000255
Eef2	MmuINT0055401	chr10	80642542	80642626	+	0.000724
Eef2	MmuINT0055403	chr10	80643157	80643309	+	0.001224
Eef2k	MmuINT0055404	chr7	1.28E+08	1.28E+08	+	0.023653
Eef2k	MmuINT0055405	chr7	1.28E+08	1.28E+08	+	0.014144
Eef2k	MmuINT0055406	chr7	1.28E+08	1.28E+08	+	0.019635
Eef2k	MmuINT0055407	chr7	1.28E+08	1.28E+08	+	0.009731
Eef2k	MmuINT0055408	chr7	1.28E+08	1.28E+08	+	0.010843
Eef2k	MmuINT0055409	chr7	1.28E+08	1.28E+08	+	0.024997
Eef2k	MmuINT0055410	chr7	1.28E+08	1.28E+08	+	0.006434
Eef2k	MmuINT0055411	chr7	1.28E+08	1.28E+08	+	0.025313
Eef2k	MmuINT0055412	chr7	1.28E+08	1.28E+08	+	0.004779
Eef2k	MmuINT0055413	chr7	1.28E+08	1.28E+08	+	0.006616
Eef2k	MmuINT0055414	chr7	1.28E+08	1.28E+08	+	0.032529
Eef2k	MmuINT0055415	chr7	1.28E+08	1.28E+08	+	0.022668
Eef2k	MmuINT0055416	chr7	1.28E+08	1.28E+08	+	0.021183
Eef2k	MmuINT0055417	chr7	1.28E+08	1.28E+08	+	0.00663
Eef2k	MmuINT0055418	chr7	1.28E+08	1.28E+08	+	0.005804
Eef2k	MmuINT0055419	chr7	1.28E+08	1.28E+08	+	0.005702
Eef2k	MmuINT0055420	chr7	1.28E+08	1.28E+08	+	0.004487
Eefsec	MmuINT0055421	chr6	88326406	88396199	-	0.05862
Eefsec	MmuINT0055422	chr6	88308637	88326197	-	0.045607
Eefsec	MmuINT0055423	chr6	88305642	88308539	-	0.028075
Eefsec	MmuINT0055424	chr6	88248231	88305476	-	0.073015
Eefsec	MmuINT0055425	chr6	88231700	88247570	-	0.03233
Eefsec	MmuINT0055426	chr6	88208386	88231542	-	0.028297
Eepd1	MmuINT0055427	chr9	25289482	25289865	+	0.013814
Eepd1	MmuINT0055428	chr9	25290905	25355136	+	0.013909
Eepd1	MmuINT0055429	chr9	25355189	25389476	+	0.012536
Eepd1	MmuINT0055430	chr9	25389588	25394246	+	0.012155
Eepd1	MmuINT0055431	chr9	25394382	25397019	+	0.011758
Eepd1	MmuINT0055432	chr9	25397159	25402145	+	0.038148
Eepd1	MmuINT0055433	chr9	25402341	25410993	+	0.013236
Efcab2	MmuINT0055442	chr1	1.8E+08	1.8E+08	+	0.039389
Efcab2	MmuINT0055443	chr1	1.8E+08	1.8E+08	+	0.009034
Efcab2	MmuINT0055444	chr1	1.8E+08	1.8E+08	+	0.00325
Efcab2	MmuINT0055445	chr1	1.8E+08	1.8E+08	+	0.004003
Efcab2	MmuINT0055446	chr1	1.8E+08	1.8E+08	+	0.003531
Efcab2	MmuINT0055447	chr1	1.8E+08	1.8E+08	+	0.003725
Efcab4a	MmuINT0055458	chr7	1.49E+08	1.49E+08	+	0.11236
Efcab4a	MmuINT0055459	chr7	1.49E+08	1.49E+08	+	0.478681
Efcab4a	MmuINT0055460	chr7	1.49E+08	1.49E+08	+	0.155913

Efcab4a	MmuINT0055461	chr7	1.49E+08	1.49E+08	+	0.06235
Efcab4a	MmuINT0055462	chr7	1.49E+08	1.49E+08	+	0.360324
Efcab4a	MmuINT0055463	chr7	1.49E+08	1.49E+08	+	0.063911
Efcab4a	MmuINT0055464	chr7	1.49E+08	1.49E+08	+	0.28695
Efcab4a	MmuINT0055465	chr7	1.49E+08	1.49E+08	+	0.322306
Efemp1	MmuINT0055546	chr11	28810733	28814587	+	0.043946
Efemp2	MmuINT0055551	chr19	5474775	5475060	+	0.348695
Efemp2	MmuINT0055552	chr19	5480742	5481560	+	0.047147
Efemp2	MmuINT0055553	chr19	5475179	5475407	+	0.043208
Efemp2	MmuINT0055554	chr19	5475457	5476065	+	0.102218
Efemp2	MmuINT0055555	chr19	5476273	5477561	+	0.037831
Efemp2	MmuINT0055556	chr19	5477685	5477926	+	0.062779
Efemp2	MmuINT0055557	chr19	5478044	5478200	+	0.033929
Efemp2	MmuINT0055558	chr19	5478321	5480029	+	0.030794
Efemp2	MmuINT0055559	chr19	5480150	5480233	+	0.032595
Efemp2	MmuINT0055560	chr19	5480361	5480545	+	0.03185
Efha1	MmuINT0055561	chr14	58590627	58617866	-	0.002515
Efha1	MmuINT0055562	chr14	58537818	58538180	-	0.002962
Efha1	MmuINT0055563	chr14	58536213	58537659	-	0.001881
Efha1	MmuINT0055564	chr14	58573868	58590487	-	0.002951
Efha1	MmuINT0055565	chr14	58573049	58573835	-	0.002122
Efha1	MmuINT0055566	chr14	58564270	58572972	-	0.003979
Efha1	MmuINT0055567	chr14	58562508	58564221	-	0.003071
Efha1	MmuINT0055568	chr14	58551141	58562424	-	0.002171
Efha1	MmuINT0055569	chr14	58546132	58551074	-	0.003138
Efha1	MmuINT0055570	chr14	58542949	58546033	-	0.009512
Efha1	MmuINT0055571	chr14	58538290	58542776	-	0.008681
Efha2	MmuINT0055572	chr8	41393765	41421163	+	0.049269
Efha2	MmuINT0055574	chr8	41461622	41464185	+	0.063695
Efha2	MmuINT0055575	chr8	41464295	41466025	+	0.097211
Efha2	MmuINT0055576	chr8	41466184	41467462	+	0.061939
Efha2	MmuINT0055577	chr8	41467532	41469962	+	0.029123
Efha2	MmuINT0055578	chr8	41421318	41425651	+	0.045309
Efha2	MmuINT0055581	chr8	41437438	41439656	+	0.058863
Efha2	MmuINT0055582	chr8	41439740	41442209	+	0.047629
Efha2	MmuINT0055585	chr8	41451599	41460890	+	0.100527
Efhd1	MmuINT0055622	chr1	89161330	89186042	+	0.063282
Efhd1	MmuINT0055623	chr1	89186191	89194203	+	0.054796
Efhd1	MmuINT0055624	chr1	89194339	89206235	+	0.049135
Efhd2	MmuINT0055625	chr4	1.41E+08	1.41E+08	-	0.007221
Efhd2	MmuINT0055626	chr4	1.41E+08	1.41E+08	-	0.006546
Efhd2	MmuINT0055627	chr4	1.41E+08	1.41E+08	-	0.007968
Efna1	MmuINT0055629	chr3	89080348	89083372	-	0.024941
Efna1	MmuINT0055630	chr3	89076945	89080051	-	0.148695
Efna1	MmuINT0055631	chr3	89076745	89076878	-	0.09746
Efna1	MmuINT0055632	chr3	89076527	89076693	-	0.031299
Efna5	MmuINT0055643	chr17	63000484	63230354	-	0.035237
Efna5	MmuINT0055644	chr17	62963252	63000190	-	0.032983
Efnb1	MmuINT0055648	chrX	96332353	96340630	+	0.014716
Efnb1	MmuINT0055649	chrX	96340909	96341816	+	0.014524

Efnb1	MmuINT0055650	chrX	96341910	96342090	+	0.012462
Efnb1	MmuINT0055651	chrX	96342217	96342453	+	0.010221
Efnb2	MmuINT0055652	chr8	8639490	8660483	-	0.034546
Efnb2	MmuINT0055653	chr8	8623241	8639205	-	0.031832
Efnb2	MmuINT0055654	chr8	8622445	8623147	-	0.050441
Efnb2	MmuINT0055655	chr8	8620977	8622330	-	0.022927
Efnb3	MmuINT0055656	chr11	69370995	69373193	-	0.022662
Efnb3	MmuINT0055658	chr11	69370300	69370407	-	0.003182
Efnb3	MmuINT0055659	chr11	69369772	69370194	-	0.026641
Efr3a	MmuINT0055660	chr15	65618809	65646896	+	0.015935
Efr3a	MmuINT0055661	chr15	65679872	65681324	+	0.005376
Efr3a	MmuINT0055662	chr15	65681440	65682685	+	0.0079
Efr3a	MmuINT0055663	chr15	65682738	65684522	+	0.012137
Efr3a	MmuINT0055664	chr15	65684696	65685092	+	0.006932
Efr3a	MmuINT0055665	chr15	65685169	65686190	+	0.005657
Efr3a	MmuINT0055666	chr15	65686353	65686977	+	0.006012
Efr3a	MmuINT0055667	chr15	65687110	65688083	+	0.00554
Efr3a	MmuINT0055668	chr15	65688152	65689025	+	0.00793
Efr3a	MmuINT0055669	chr15	65689154	65693213	+	0.029418
Efr3a	MmuINT0055670	chr15	65693306	65697439	+	0.010228
Efr3a	MmuINT0055671	chr15	65646974	65649994	+	0.057337
Efr3a	MmuINT0055672	chr15	65697489	65698285	+	0.013332
Efr3a	MmuINT0055673	chr15	65698390	65698831	+	0.008226
Efr3a	MmuINT0055674	chr15	65698882	65702714	+	0.009493
Efr3a	MmuINT0055675	chr15	65650123	65651281	+	0.005403
Efr3a	MmuINT0055676	chr15	65651433	65656175	+	0.013194
Efr3a	MmuINT0055677	chr15	65656298	65661288	+	0.012993
Efr3a	MmuINT0055678	chr15	65661439	65668996	+	0.007115
Efr3a	MmuINT0055679	chr15	65669135	65674203	+	0.009378
Efr3a	MmuINT0055680	chr15	65674283	65677470	+	0.010419
Efr3a	MmuINT0055681	chr15	65677607	65679709	+	0.007072
Efr3b	MmuINT0055683	chr12	3980563	3981653	-	0.056989
Efr3b	MmuINT0055684	chr12	3980194	3980450	-	0.063084
Efr3b	MmuINT0055686	chr12	3977195	3977912	-	0.051359
Efr3b	MmuINT0055687	chr12	3976877	3977118	-	0.068144
Efr3b	MmuINT0055690	chr12	3971894	3973607	-	0.066777
Efr3b	MmuINT0055691	chr12	3971068	3971765	-	0.066949
Efr3b	MmuINT0055692	chr12	3969614	3970975	-	0.051296
Efr3b	MmuINT0055694	chr12	3968634	3969564	-	0.044678
Efr3b	MmuINT0055695	chr12	3967153	3968526	-	0.065657
Efr3b	MmuINT0055696	chr12	3966548	3967102	-	0.065832
Efr3b	MmuINT0055698	chr12	3985552	3992905	-	0.040184
Efr3b	MmuINT0055699	chr12	3984684	3985429	-	0.043868
Efr3b	MmuINT0055700	chr12	3983519	3984533	-	0.06446
Eftud1	MmuINT0055709	chr7	89832351	89832828	+	0.032201
Eftud1	MmuINT0055710	chr7	89832952	89835174	+	0.047218
Eftud1	MmuINT0055711	chr7	89835275	89840972	+	0.027832
Eftud1	MmuINT0055712	chr7	89841125	89841339	+	0.036966
Eftud1	MmuINT0055713	chr7	89841507	89846388	+	0.042157
Eftud1	MmuINT0055714	chr7	89846528	89899301	+	0.051081

Eftud1	MmuINT0055715	chr7	89899434	89902083	+	0.031341
Eftud1	MmuINT0055716	chr7	89902232	89910944	+	0.033825
Eftud1	MmuINT0055717	chr7	89911925	89920966	+	0.021421
Eftud1	MmuINT0055718	chr7	89921152	89926000	+	0.020871
Eftud1	MmuINT0055719	chr7	89798142	89800390	+	0.057096
Eftud1	MmuINT0055720	chr7	89800459	89806566	+	0.045326
Eftud1	MmuINT0055721	chr7	89806652	89820114	+	0.062122
Eftud1	MmuINT0055722	chr7	89820249	89821319	+	0.049196
Eftud1	MmuINT0055723	chr7	89821458	89822877	+	0.044449
Eftud1	MmuINT0055724	chr7	89823093	89829861	+	0.049202
Eftud1	MmuINT0055725	chr7	89829986	89831514	+	0.057847
Eftud1	MmuINT0055726	chr7	89831592	89832213	+	0.0522
Eftud2	MmuINT0055729	chr11	1.03E+08	1.03E+08	-	0.024605
Eftud2	MmuINT0055730	chr11	1.03E+08	1.03E+08	-	0.019391
Eftud2	MmuINT0055731	chr11	1.03E+08	1.03E+08	-	0.010032
Eftud2	MmuINT0055732	chr11	1.03E+08	1.03E+08	-	0.01581
Eftud2	MmuINT0055733	chr11	1.03E+08	1.03E+08	-	0.018321
Eftud2	MmuINT0055734	chr11	1.03E+08	1.03E+08	-	0.02977
Eftud2	MmuINT0055735	chr11	1.03E+08	1.03E+08	-	0.011737
Eftud2	MmuINT0055736	chr11	1.03E+08	1.03E+08	-	0.018147
Eftud2	MmuINT0055737	chr11	1.03E+08	1.03E+08	-	0.024229
Eftud2	MmuINT0055738	chr11	1.03E+08	1.03E+08	-	0.097867
Eftud2	MmuINT0055739	chr11	1.03E+08	1.03E+08	-	0.07025
Eftud2	MmuINT0055740	chr11	1.03E+08	1.03E+08	-	0.032656
Eftud2	MmuINT0055741	chr11	1.03E+08	1.03E+08	-	0.022058
Eftud2	MmuINT0055742	chr11	1.03E+08	1.03E+08	-	0.018358
Eftud2	MmuINT0055743	chr11	1.03E+08	1.03E+08	-	0.24708
Eftud2	MmuINT0055744	chr11	1.03E+08	1.03E+08	-	0.408542
Eftud2	MmuINT0055745	chr11	1.03E+08	1.03E+08	-	0.402078
Eftud2	MmuINT0055746	chr11	1.03E+08	1.03E+08	-	0.271573
Eftud2	MmuINT0055747	chr11	1.03E+08	1.03E+08	-	0.343184
Eftud2	MmuINT0055748	chr11	1.03E+08	1.03E+08	-	0.012463
Eftud2	MmuINT0055749	chr11	1.03E+08	1.03E+08	-	0.015247
Eftud2	MmuINT0055750	chr11	1.03E+08	1.03E+08	-	0.014424
Eftud2	MmuINT0055751	chr11	1.03E+08	1.03E+08	-	0.042964
Eftud2	MmuINT0055752	chr11	1.03E+08	1.03E+08	-	0.015199
Eftud2	MmuINT0055753	chr11	1.03E+08	1.03E+08	-	0.017976
Eftud2	MmuINT0055754	chr11	1.03E+08	1.03E+08	-	0.014991
Egf	MmuINT0055772	chr3	1.29E+08	1.29E+08	-	0.073824
Egf	MmuINT0055775	chr3	1.29E+08	1.29E+08	-	0.106308
Egfl7	MmuINT0055811	chr2	26439569	26441104	+	0.01224
Egfl7	MmuINT0055812	chr2	26441196	26444564	+	0.100647
Egfl7	MmuINT0055813	chr2	26444690	26444849	+	0.086337
Egfl7	MmuINT0055814	chr2	26444967	26445899	+	0.104797
Egfl7	MmuINT0055815	chr2	26446016	26446176	+	0.074038
Egfl7	MmuINT0055816	chr2	26446273	26446418	+	0.057807
Egfl7	MmuINT0055817	chr2	26446584	26447183	+	0.452667
Egfl7	MmuINT0055818	chr2	26447801	26447937	+	0.433436
Egflam	MmuINT0055836	chr15	7169769	7172747	-	0.01011
Egflam	MmuINT0055837	chr15	7162215	7169624	-	0.024976

Egflam	MmuINT0055839	chr15	7158606	7162130	-	0.022013
Egflam	MmuINT0055840	chr15	7157803	7158501	-	0.015696
Egln1	MmuINT0055873	chr8	1.27E+08	1.27E+08	-	0.000627
Egln1	MmuINT0055874	chr8	1.27E+08	1.27E+08	-	0.003285
Egln1	MmuINT0055875	chr8	1.27E+08	1.27E+08	-	0.006439
Egln1	MmuINT0055876	chr8	1.27E+08	1.27E+08	-	0.001256
Egln2	MmuINT0055877	chr7	27950748	27951702	-	0.024282
Egln2	MmuINT0055878	chr7	27945427	27949638	-	0.05055
Egln2	MmuINT0055879	chr7	27944943	27945306	-	0.011812
Egln2	MmuINT0055880	chr7	27944611	27944805	-	0.014807
Egln2	MmuINT0055881	chr7	27944231	27944542	-	0.008866
Egln3	MmuINT0055882	chr12	55286648	55304191	-	0.009875
Egln3	MmuINT0055883	chr12	55285004	55286527	-	0.006115
Egln3	MmuINT0055884	chr12	55282692	55284866	-	0.003951
Egln3	MmuINT0055885	chr12	55281643	55282617	-	0.004407
Egr1	MmuINT0055886	chr18	35021441	35022118	+	0.10018
Ehbp1	MmuINT0055890	chr11	22148031	22185490	-	0.061552
Ehbp1	MmuINT0055891	chr11	22001234	22037840	-	0.004394
Ehbp1	MmuINT0055892	chr11	22000474	22001054	-	0.004855
Ehbp1	MmuINT0055893	chr11	21996203	22000424	-	0.004406
Ehbp1	MmuINT0055894	chr11	21989672	21995320	-	0.002305
Ehbp1	MmuINT0055895	chr11	21968510	21989527	-	0.017257
Ehbp1	MmuINT0055898	chr11	21956925	21959139	-	0.003259
Ehbp1	MmuINT0055899	chr11	21956631	21956785	-	0.004506
Ehbp1	MmuINT0055900	chr11	21953559	21956532	-	0.044749
Ehbp1	MmuINT0055901	chr11	22139242	22147972	-	0.051766
Ehbp1	MmuINT0055902	chr11	21914958	21953434	-	0.010134
Ehbp1	MmuINT0055903	chr11	21913561	21914857	-	0.005256
Ehbp1	MmuINT0055904	chr11	21907201	21913486	-	0.060901
Ehbp1	MmuINT0055905	chr11	21906875	21907085	-	0.011366
Ehbp1	MmuINT0055908	chr11	22069178	22072827	-	0.041862
Ehbp1	MmuINT0055909	chr11	22051896	22069037	-	0.007577
Ehbp1	MmuINT0055910	chr11	22051193	22051790	-	0.042912
Ehbp1	MmuINT0055911	chr11	22046629	22051069	-	0.085578
Ehbp1	MmuINT0055912	chr11	22038061	22046465	-	0.007373
Ehbp1l1	MmuINT0055915	chr19	5723008	5725916	-	0.002051
Ehbp1l1	MmuINT0055916	chr19	5716945	5717038	-	0.006058
Ehbp1l1	MmuINT0055917	chr19	5716495	5716895	-	0.002505
Ehbp1l1	MmuINT0055918	chr19	5711039	5715795	-	0.005298
Ehbp1l1	MmuINT0055919	chr19	5710849	5710968	-	0.010701
Ehbp1l1	MmuINT0055920	chr19	5710698	5710792	-	0.003231
Ehbp1l1	MmuINT0055921	chr19	5710311	5710573	-	0.007999
Ehbp1l1	MmuINT0055922	chr19	5708832	5710210	-	0.012151
Ehbp1l1	MmuINT0055923	chr19	5708671	5708757	-	0.003699
Ehbp1l1	MmuINT0055924	chr19	5708426	5708555	-	0.00885
Ehbp1l1	MmuINT0055925	chr19	5722742	5722949	-	0.00278
Ehbp1l1	MmuINT0055926	chr19	5722011	5722645	-	0.00354
Ehbp1l1	MmuINT0055928	chr19	5721585	5721666	-	0.00586
Ehbp1l1	MmuINT0055929	chr19	5720878	5721441	-	0.258884
Ehbp1l1	MmuINT0055930	chr19	5717197	5717661	-	0.078517

Ehd1	MmuINT0055931	chr19	6277379	6281217	+	0.00283
Ehd1	MmuINT0055932	chr19	6281316	6294213	+	0.007237
Ehd1	MmuINT0055933	chr19	6294627	6297532	+	0.004818
Ehd1	MmuINT0055934	chr19	6297698	6298073	+	0.003858
Ehd2	MmuINT0055935	chr7	16549716	16552768	-	0.030267
Ehd2	MmuINT0055936	chr7	16548827	16549255	-	0.044987
Ehd2	MmuINT0055937	chr7	16543253	16548728	-	0.040449
Ehd2	MmuINT0055938	chr7	16537580	16542839	-	0.013126
Ehd2	MmuINT0055939	chr7	16536142	16537414	-	0.003822
Ehd4	MmuINT0055945	chr2	1.2E+08	1.2E+08	-	0.00125
Ehd4	MmuINT0055946	chr2	1.2E+08	1.2E+08	-	0.000953
Ehd4	MmuINT0055947	chr2	1.2E+08	1.2E+08	-	0.005891
Ehd4	MmuINT0055948	chr2	1.2E+08	1.2E+08	-	0.00183
Ehd4	MmuINT0055949	chr2	1.2E+08	1.2E+08	-	0.005082
Ehmt1	MmuINT0055969	chr2	24694389	24695049	-	0.017509
Ehmt1	MmuINT0055970	chr2	24693179	24694220	-	0.028313
Ehmt1	MmuINT0055971	chr2	24692023	24693095	-	0.02621
Ehmt1	MmuINT0055972	chr2	24680588	24691915	-	0.097599
Ehmt1	MmuINT0055973	chr2	24671353	24680464	-	0.030193
Ehmt1	MmuINT0055974	chr2	24669152	24671250	-	0.018276
Ehmt1	MmuINT0055975	chr2	24661889	24669046	-	0.038726
Ehmt1	MmuINT0055976	chr2	24660762	24661733	-	0.03196
Ehmt1	MmuINT0055977	chr2	24660425	24660593	-	0.025188
Ehmt1	MmuINT0055978	chr2	24740223	24742522	-	0.024203
Ehmt1	MmuINT0055979	chr2	24659541	24660279	-	0.029363
Ehmt1	MmuINT0055980	chr2	24658650	24659462	-	0.024024
Ehmt1	MmuINT0055981	chr2	24657628	24658533	-	0.02489
Ehmt1	MmuINT0055982	chr2	24657106	24657540	-	0.033122
Ehmt1	MmuINT0055983	chr2	24647977	24657026	-	0.029354
Ehmt1	MmuINT0055984	chr2	24647651	24647800	-	0.016275
Ehmt1	MmuINT0055985	chr2	24733147	24739665	-	0.017704
Ehmt1	MmuINT0055987	chr2	24713771	24718742	-	0.015445
Ehmt1	MmuINT0055988	chr2	24712247	24713692	-	0.015637
Ehmt1	MmuINT0055989	chr2	24708323	24712125	-	0.025392
Ehmt1	MmuINT0055990	chr2	24703610	24708184	-	0.02213
Ehmt2	MmuINT0055993	chr17	35043004	35043095	+	0.026544
Ehmt2	MmuINT0055994	chr17	35043240	35043321	+	0.009874
Ehmt2	MmuINT0055995	chr17	35043558	35043639	+	0.0106
Ehmt2	MmuINT0055996	chr17	35043823	35043927	+	0.051202
Ehmt2	MmuINT0055997	chr17	35044011	35044275	+	0.030737
Ehmt2	MmuINT0055998	chr17	35044383	35044466	+	0.006878
Ehmt2	MmuINT0055999	chr17	35044590	35044687	+	0.006814
Ehmt2	MmuINT0056000	chr17	35044790	35045118	+	0.01244
Ehmt2	MmuINT0056001	chr17	35045224	35045348	+	0.012632
Ehmt2	MmuINT0056002	chr17	35045504	35045582	+	0.020669
Ehmt2	MmuINT0056003	chr17	35036199	35036304	+	0.013762
Ehmt2	MmuINT0056004	chr17	35045751	35047635	+	0.04785
Ehmt2	MmuINT0056005	chr17	35047781	35047922	+	0.008106
Ehmt2	MmuINT0056006	chr17	35048001	35048307	+	0.127767
Ehmt2	MmuINT0056007	chr17	35048424	35048523	+	0.069076

Ehmt2	MmuINT0056008	chr17	35048611	35049333	+	0.024186
Ehmt2	MmuINT0056009	chr17	35049413	35049578	+	0.02484
Ehmt2	MmuINT0056010	chr17	35049755	35050584	+	0.016213
Ehmt2	MmuINT0056011	chr17	35036512	35036604	+	0.015436
Ehmt2	MmuINT0056012	chr17	35036862	35039958	+	0.027646
Ehmt2	MmuINT0056013	chr17	35040041	35040126	+	0.012321
Ehmt2	MmuINT0056014	chr17	35040165	35040267	+	0.008922
Ehmt2	MmuINT0056015	chr17	35040424	35042073	+	0.01267
Ehmt2	MmuINT0056016	chr17	35042212	35042286	+	0.017727
Ehmt2	MmuINT0056017	chr17	35042402	35042854	+	0.334562
Ei24	MmuINT0056018	chr9	36600935	36604588	-	0.055271
Ei24	MmuINT0056019	chr9	36587855	36589925	-	0.003474
Ei24	MmuINT0056020	chr9	36597511	36600824	-	0.006599
Ei24	MmuINT0056021	chr9	36595839	36597364	-	0.003183
Ei24	MmuINT0056022	chr9	36594135	36595777	-	0.005845
Ei24	MmuINT0056023	chr9	36593646	36594067	-	0.01451
Ei24	MmuINT0056024	chr9	36593238	36593520	-	0.036085
Ei24	MmuINT0056025	chr9	36592165	36593117	-	0.004887
Ei24	MmuINT0056026	chr9	36590430	36592052	-	0.014015
Ei24	MmuINT0056027	chr9	36590001	36590317	-	0.003895
Eif1a	MmuINT0056031	chr18	46757455	46758294	+	0.04561
Eif1a	MmuINT0056032	chr18	46758355	46767157	+	0.019062
Eif1ad	MmuINT0056033	chr19	5367211	5368057	+	0.036406
Eif1ad	MmuINT0056034	chr19	5368277	5368421	+	0.021773
Eif1ad	MmuINT0056035	chr19	5368531	5368616	+	0.039625
Eif1ad	MmuINT0056036	chr19	5368726	5368894	+	0.057569
Eif1ad	MmuINT0056037	chr19	5368943	5369925	+	0.017473
Eif1ax	MmuINT0056038	chrX	1.56E+08	1.56E+08	+	0.001671
Eif1ax	MmuINT0056039	chrX	1.56E+08	1.56E+08	+	0.002145
Eif1ax	MmuINT0056040	chrX	1.56E+08	1.56E+08	+	0.001845
Eif1ax	MmuINT0056041	chrX	1.56E+08	1.56E+08	+	0.002906
Eif1ax	MmuINT0056042	chrX	1.56E+08	1.56E+08	+	0.002221
Eif1ax	MmuINT0056043	chrX	1.56E+08	1.56E+08	+	0.00366
Eif1b	MmuINT0056044	chr9	1.2E+08	1.2E+08	+	0.00145
Eif1b	MmuINT0056045	chr9	1.2E+08	1.2E+08	+	0.00857
Eif1b	MmuINT0056046	chr9	1.2E+08	1.2E+08	+	0.006081
Eif2a	MmuINT0056047	chr3	58330009	58335008	+	0.023228
Eif2a	MmuINT0056048	chr3	58352887	58356490	+	0.015195
Eif2a	MmuINT0056049	chr3	58356605	58359456	+	0.00877
Eif2a	MmuINT0056050	chr3	58359574	58360494	+	0.006291
Eif2a	MmuINT0056051	chr3	58360561	58361042	+	0.005538
Eif2a	MmuINT0056052	chr3	58335079	58341455	+	0.009408
Eif2a	MmuINT0056053	chr3	58341531	58343449	+	0.017077
Eif2a	MmuINT0056054	chr3	58343569	58344961	+	0.003776
Eif2a	MmuINT0056055	chr3	58345062	58345555	+	0.01024
Eif2a	MmuINT0056056	chr3	58345639	58348916	+	0.022235
Eif2a	MmuINT0056057	chr3	58348991	58349149	+	0.005439
Eif2a	MmuINT0056058	chr3	58349295	58349421	+	0.004039
Eif2a	MmuINT0056059	chr3	58349539	58352314	+	0.013316
Eif2ak1	MmuINT0056060	chr5	1.45E+08	1.45E+08	+	0.007327

Eif2ak1	MmuINT0056061	chr5	1.45E+08	1.45E+08	+	0.00619
Eif2ak1	MmuINT0056062	chr5	1.45E+08	1.45E+08	+	0.007562
Eif2ak1	MmuINT0056063	chr5	1.45E+08	1.45E+08	+	0.006974
Eif2ak1	MmuINT0056064	chr5	1.45E+08	1.45E+08	+	0.039228
Eif2ak1	MmuINT0056065	chr5	1.45E+08	1.45E+08	+	0.012821
Eif2ak1	MmuINT0056066	chr5	1.45E+08	1.45E+08	+	0.006521
Eif2ak1	MmuINT0056067	chr5	1.45E+08	1.45E+08	+	0.006864
Eif2ak1	MmuINT0056068	chr5	1.45E+08	1.45E+08	+	0.008292
Eif2ak1	MmuINT0056069	chr5	1.45E+08	1.45E+08	+	0.008177
Eif2ak1	MmuINT0056070	chr5	1.45E+08	1.45E+08	+	0.007704
Eif2ak1	MmuINT0056071	chr5	1.45E+08	1.45E+08	+	0.011708
Eif2ak1	MmuINT0056072	chr5	1.45E+08	1.45E+08	+	0.008553
Eif2ak1	MmuINT0056073	chr5	1.45E+08	1.45E+08	+	0.005139
Eif2ak2	MmuINT0056074	chr17	79277614	79281739	-	0.035285
Eif2ak2	MmuINT0056075	chr17	79264762	79265654	-	0.017396
Eif2ak2	MmuINT0056076	chr17	79263360	79264641	-	0.022628
Eif2ak2	MmuINT0056077	chr17	79257973	79263178	-	0.039171
Eif2ak2	MmuINT0056078	chr17	79256009	79257840	-	0.014161
Eif2ak2	MmuINT0056079	chr17	79254740	79255906	-	0.080509
Eif2ak2	MmuINT0056080	chr17	79254602	79254682	-	0.021379
Eif2ak2	MmuINT0056081	chr17	79275643	79277481	-	0.021162
Eif2ak2	MmuINT0056082	chr17	79273420	79275521	-	0.020116
Eif2ak2	MmuINT0056083	chr17	79270610	79273282	-	0.022803
Eif2ak2	MmuINT0056086	chr17	79268851	79269826	-	0.055777
Eif2ak2	MmuINT0056088	chr17	79265778	79268096	-	0.026695
Eif2ak3	MmuINT0056089	chr6	70795016	70808380	+	0.051465
Eif2ak3	MmuINT0056090	chr6	70837907	70839468	+	0.248584
Eif2ak3	MmuINT0056091	chr6	70839592	70840058	+	0.04295
Eif2ak3	MmuINT0056092	chr6	70840209	70842348	+	0.053968
Eif2ak3	MmuINT0056093	chr6	70843136	70846909	+	0.091571
Eif2ak3	MmuINT0056094	chr6	70847078	70850225	+	0.056255
Eif2ak3	MmuINT0056096	chr6	70851462	70854081	+	0.047575
Eif2ak3	MmuINT0056097	chr6	70808511	70826671	+	0.068167
Eif2ak3	MmuINT0056098	chr6	70826867	70828828	+	0.035591
Eif2ak3	MmuINT0056099	chr6	70828963	70831477	+	0.061425
Eif2ak3	MmuINT0056100	chr6	70831713	70832258	+	0.063162
Eif2ak3	MmuINT0056101	chr6	70832422	70833588	+	0.06738
Eif2ak3	MmuINT0056102	chr6	70833730	70834763	+	0.057703
Eif2ak3	MmuINT0056103	chr6	70834887	70835154	+	0.046803
Eif2ak3	MmuINT0056104	chr6	70835376	70837793	+	0.300922
Eif2ak4	MmuINT0056106	chr2	1.18E+08	1.18E+08	+	0.061918
Eif2ak4	MmuINT0056107	chr2	1.18E+08	1.18E+08	+	0.065503
Eif2ak4	MmuINT0056108	chr2	1.18E+08	1.18E+08	+	0.076631
Eif2ak4	MmuINT0056109	chr2	1.18E+08	1.18E+08	+	0.046472
Eif2ak4	MmuINT0056110	chr2	1.18E+08	1.18E+08	+	0.047501
Eif2ak4	MmuINT0056111	chr2	1.18E+08	1.18E+08	+	0.050484
Eif2ak4	MmuINT0056112	chr2	1.18E+08	1.18E+08	+	0.064108
Eif2ak4	MmuINT0056114	chr2	1.18E+08	1.18E+08	+	0.075865
Eif2ak4	MmuINT0056115	chr2	1.18E+08	1.18E+08	+	0.059549
Eif2ak4	MmuINT0056117	chr2	1.18E+08	1.18E+08	+	0.08198



Eif2ak4	MmuINT0056118	chr2	1.18E+08	1.18E+08	+	0.03834
Eif2ak4	MmuINT0056119	chr2	1.18E+08	1.18E+08	+	0.142641
Eif2ak4	MmuINT0056120	chr2	1.18E+08	1.18E+08	+	0.052104
Eif2ak4	MmuINT0056121	chr2	1.18E+08	1.18E+08	+	0.158767
Eif2ak4	MmuINT0056122	chr2	1.18E+08	1.18E+08	+	0.041027
Eif2ak4	MmuINT0056123	chr2	1.18E+08	1.18E+08	+	0.039796
Eif2ak4	MmuINT0056124	chr2	1.18E+08	1.18E+08	+	0.044372
Eif2ak4	MmuINT0056125	chr2	1.18E+08	1.18E+08	+	0.035087
Eif2ak4	MmuINT0056126	chr2	1.18E+08	1.18E+08	+	0.056734
Eif2ak4	MmuINT0056128	chr2	1.18E+08	1.18E+08	+	0.112309
Eif2ak4	MmuINT0056129	chr2	1.18E+08	1.18E+08	+	0.30145
Eif2ak4	MmuINT0056130	chr2	1.18E+08	1.18E+08	+	0.177168
Eif2ak4	MmuINT0056131	chr2	1.18E+08	1.18E+08	+	0.210612
Eif2ak4	MmuINT0056132	chr2	1.18E+08	1.18E+08	+	0.054792
Eif2ak4	MmuINT0056133	chr2	1.18E+08	1.18E+08	+	0.092171
Eif2ak4	MmuINT0056134	chr2	1.18E+08	1.18E+08	+	0.150881
Eif2ak4	MmuINT0056135	chr2	1.18E+08	1.18E+08	+	0.115262
Eif2ak4	MmuINT0056136	chr2	1.18E+08	1.18E+08	+	0.095603
Eif2ak4	MmuINT0056137	chr2	1.18E+08	1.18E+08	+	0.052751
Eif2ak4	MmuINT0056138	chr2	1.18E+08	1.18E+08	+	0.050158
Eif2ak4	MmuINT0056139	chr2	1.18E+08	1.18E+08	+	0.046666
Eif2ak4	MmuINT0056140	chr2	1.18E+08	1.18E+08	+	0.075802
Eif2ak4	MmuINT0056141	chr2	1.18E+08	1.18E+08	+	0.042828
Eif2b1	MmuINT0056145	chr5	1.25E+08	1.25E+08	-	0.009697
Eif2b1	MmuINT0056146	chr5	1.25E+08	1.25E+08	-	0.012387
Eif2b1	MmuINT0056147	chr5	1.25E+08	1.25E+08	-	0.014323
Eif2b1	MmuINT0056148	chr5	1.25E+08	1.25E+08	-	0.029563
Eif2b1	MmuINT0056149	chr5	1.25E+08	1.25E+08	-	0.042483
Eif2b1	MmuINT0056150	chr5	1.25E+08	1.25E+08	-	0.013152
Eif2b1	MmuINT0056151	chr5	1.25E+08	1.25E+08	-	0.010955
Eif2b1	MmuINT0056152	chr5	1.25E+08	1.25E+08	-	0.006472
Eif2b2	MmuINT0056153	chr12	86560675	86560771	+	0.019387
Eif2b2	MmuINT0056154	chr12	86560893	86561046	+	0.024172
Eif2b2	MmuINT0056155	chr12	86561196	86562426	+	0.014872
Eif2b2	MmuINT0056156	chr12	86562591	86563693	+	0.007806
Eif2b2	MmuINT0056157	chr12	86563790	86564330	+	0.01236
Eif2b2	MmuINT0056158	chr12	86564469	86565504	+	0.043218
Eif2b2	MmuINT0056159	chr12	86565572	86566952	+	0.018704
Eif2b3	MmuINT0056160	chr4	1.17E+08	1.17E+08	+	0.020329
Eif2b3	MmuINT0056161	chr4	1.17E+08	1.17E+08	+	0.027615
Eif2b3	MmuINT0056162	chr4	1.17E+08	1.17E+08	+	0.008354
Eif2b3	MmuINT0056163	chr4	1.17E+08	1.17E+08	+	0.013519
Eif2b3	MmuINT0056164	chr4	1.17E+08	1.17E+08	+	0.01785
Eif2b3	MmuINT0056165	chr4	1.17E+08	1.17E+08	+	0.015679
Eif2b3	MmuINT0056166	chr4	1.17E+08	1.17E+08	+	0.014441
Eif2b3	MmuINT0056167	chr4	1.17E+08	1.17E+08	+	0.022256
Eif2b3	MmuINT0056168	chr4	1.17E+08	1.17E+08	+	0.017455
Eif2b4	MmuINT0056170	chr5	31492120	31492253	-	0.016731
Eif2b4	MmuINT0056171	chr5	31490468	31491941	-	0.016887
Eif2b4	MmuINT0056172	chr5	31490174	31490286	-	0.010063

Eif2b4	MmulNT0056173	chr5	31494662	31494954	-	0.007665
Eif2b4	MmulNT0056174	chr5	31494121	31494525	-	0.009749
Eif2b4	MmulNT0056175	chr5	31493821	31493913	-	0.004138
Eif2b4	MmulNT0056176	chr5	31493614	31493737	-	0.015646
Eif2b4	MmulNT0056177	chr5	31493325	31493521	-	0.022369
Eif2b4	MmulNT0056178	chr5	31493032	31493209	-	0.016182
Eif2b4	MmulNT0056179	chr5	31492835	31492954	-	0.009321
Eif2b4	MmulNT0056180	chr5	31492382	31492731	-	0.010397
Eif2b5	MmulNT0056181	chr16	20499170	20500257	+	0.007457
Eif2b5	MmulNT0056182	chr16	20505637	20506200	+	0.010061
Eif2b5	MmulNT0056183	chr16	20506309	20506453	+	0.005227
Eif2b5	MmulNT0056184	chr16	20506545	20507080	+	0.0108
Eif2b5	MmulNT0056185	chr16	20507205	20508100	+	0.005412
Eif2b5	MmulNT0056186	chr16	20508227	20508781	+	0.006723
Eif2b5	MmulNT0056187	chr16	20508893	20509033	+	0.004371
Eif2b5	MmulNT0056188	chr16	20500383	20501436	+	0.005326
Eif2b5	MmulNT0056189	chr16	20501623	20501702	+	0.010302
Eif2b5	MmulNT0056190	chr16	20501881	20501976	+	0.025521
Eif2b5	MmulNT0056191	chr16	20502058	20502315	+	0.009145
Eif2b5	MmulNT0056192	chr16	20502394	20502602	+	0.005153
Eif2b5	MmulNT0056193	chr16	20502916	20504717	+	0.004088
Eif2b5	MmulNT0056194	chr16	20504864	20505271	+	0.002769
Eif2b5	MmulNT0056195	chr16	20505414	20505534	+	0.006667
Eif2c1	MmulNT0056196	chr4	1.26E+08	1.26E+08	-	0.020833
Eif2c1	MmulNT0056197	chr4	1.26E+08	1.26E+08	-	0.06672
Eif2c1	MmulNT0056198	chr4	1.26E+08	1.26E+08	-	0.025938
Eif2c1	MmulNT0056199	chr4	1.26E+08	1.26E+08	-	0.02683
Eif2c1	MmulNT0056200	chr4	1.26E+08	1.26E+08	-	0.042446
Eif2c1	MmulNT0056202	chr4	1.26E+08	1.26E+08	-	0.03043
Eif2c1	MmulNT0056203	chr4	1.26E+08	1.26E+08	-	0.02706
Eif2c1	MmulNT0056204	chr4	1.26E+08	1.26E+08	-	0.031461
Eif2c1	MmulNT0056205	chr4	1.26E+08	1.26E+08	-	0.019699
Eif2c1	MmulNT0056206	chr4	1.26E+08	1.26E+08	-	0.025656
Eif2c1	MmulNT0056208	chr4	1.26E+08	1.26E+08	-	0.097889
Eif2c1	MmulNT0056211	chr4	1.26E+08	1.26E+08	-	0.075272
Eif2c1	MmulNT0056212	chr4	1.26E+08	1.26E+08	-	0.026568
Eif2c2	MmulNT0056214	chr15	72976996	73015190	-	0.01841
Eif2c2	MmulNT0056217	chr15	72949927	72951493	-	0.01163
Eif2c2	MmulNT0056219	chr15	72944333	72946732	-	0.006654
Eif2c2	MmulNT0056220	chr15	72942252	72944137	-	0.015103
Eif2c2	MmulNT0056222	chr15	72937795	72938801	-	0.010679
Eif2c2	MmulNT0056223	chr15	72937447	72937594	-	0.019593
Eif2c2	MmulNT0056224	chr15	72968544	72976799	-	0.003774
Eif2c2	MmulNT0056225	chr15	72961473	72968422	-	0.001938
Eif2c2	MmulNT0056229	chr15	72955742	72956876	-	0.002174
Eif2c2	MmulNT0056230	chr15	72954680	72955593	-	0.003746
Eif2c3	MmulNT0056232	chr4	1.26E+08	1.26E+08	-	0.050676
Eif2c3	MmulNT0056233	chr4	1.26E+08	1.26E+08	-	0.097843
Eif2c3	MmulNT0056235	chr4	1.26E+08	1.26E+08	-	0.046815
Eif2c3	MmulNT0056236	chr4	1.26E+08	1.26E+08	-	0.062074

Eif2c3	MmuINT0056238	chr4	1.26E+08	1.26E+08	-	0.05704
Eif2c3	MmuINT0056240	chr4	1.26E+08	1.26E+08	-	0.053315
Eif2c3	MmuINT0056241	chr4	1.26E+08	1.26E+08	-	0.110038
Eif2c3	MmuINT0056243	chr4	1.26E+08	1.26E+08	-	0.065241
Eif2c3	MmuINT0056245	chr4	1.26E+08	1.26E+08	-	0.083295
Eif2c3	MmuINT0056247	chr4	1.26E+08	1.26E+08	-	0.053947
Eif2c3	MmuINT0056248	chr4	1.26E+08	1.26E+08	-	0.074933
Eif2c3	MmuINT0056249	chr4	1.26E+08	1.26E+08	-	0.069571
Eif2c4	MmuINT0056254	chr4	1.26E+08	1.26E+08	-	0.026791
Eif2c4	MmuINT0056256	chr4	1.26E+08	1.26E+08	-	0.046036
Eif2c4	MmuINT0056258	chr4	1.26E+08	1.26E+08	-	0.040884
Eif2c4	MmuINT0056260	chr4	1.26E+08	1.26E+08	-	0.037097
Eif2c4	MmuINT0056261	chr4	1.26E+08	1.26E+08	-	0.038365
Eif2c4	MmuINT0056262	chr4	1.26E+08	1.26E+08	-	0.038877
Eif2c4	MmuINT0056263	chr4	1.26E+08	1.26E+08	-	0.033584
Eif2c4	MmuINT0056264	chr4	1.26E+08	1.26E+08	-	0.043048
Eif2c4	MmuINT0056265	chr4	1.26E+08	1.26E+08	-	0.051168
Eif2c4	MmuINT0056266	chr4	1.26E+08	1.26E+08	-	0.091262
Eif2s1	MmuINT0056269	chr12	79975631	79978078	+	0.000576
Eif2s2	MmuINT0056274	chr2	1.55E+08	1.55E+08	-	0.001106
Eif2s3x	MmuINT0056282	chrX	91457122	91457903	-	0.004038
Eif2s3y	MmuINT0056293	chrY	347129	347702	+	0.00478
Eif2s3y	MmuINT0056294	chrY	356599	359744	+	0.00368
Eif2s3y	MmuINT0056295	chrY	359918	364630	+	0.003084
Eif2s3y	MmuINT0056296	chrY	347767	348282	+	0.004598
Eif2s3y	MmuINT0056297	chrY	348411	348490	+	0.00271
Eif2s3y	MmuINT0056298	chrY	348613	349821	+	0.014512
Eif2s3y	MmuINT0056299	chrY	349917	351076	+	0.015319
Eif2s3y	MmuINT0056300	chrY	351236	352499	+	0.042745
Eif2s3y	MmuINT0056301	chrY	352635	353032	+	0.204313
Eif2s3y	MmuINT0056302	chrY	353128	353806	+	0.06502
Eif2s3y	MmuINT0056303	chrY	353952	356428	+	0.007811
Eif3a	MmuINT0056304	chr19	60858262	60866371	-	0.007124
Eif3a	MmuINT0056306	chr19	60848943	60849409	-	0.002631
Eif3a	MmuINT0056307	chr19	60848101	60848594	-	0.003035
Eif3a	MmuINT0056308	chr19	60847661	60847995	-	0.002306
Eif3a	MmuINT0056309	chr19	60847041	60847546	-	0.003348
Eif3a	MmuINT0056310	chr19	60845923	60846917	-	0.004537
Eif3a	MmuINT0056311	chr19	60844796	60845768	-	0.002673
Eif3a	MmuINT0056312	chr19	60843567	60844610	-	0.00148
Eif3a	MmuINT0056313	chr19	60842899	60843477	-	0.001917
Eif3a	MmuINT0056314	chr19	60840137	60842236	-	0.002512
Eif3a	MmuINT0056315	chr19	60857925	60858070	-	0.005119
Eif3a	MmuINT0056316	chr19	60839168	60839934	-	0.042548
Eif3a	MmuINT0056317	chr19	60838208	60838967	-	0.002871
Eif3a	MmuINT0056318	chr19	60857421	60857787	-	0.004427
Eif3a	MmuINT0056319	chr19	60855461	60857256	-	0.006684
Eif3a	MmuINT0056320	chr19	60854051	60855260	-	0.00524
Eif3a	MmuINT0056321	chr19	60852701	60853841	-	0.004123
Eif3a	MmuINT0056322	chr19	60851759	60852528	-	0.004391

Eif3a	MmulNT0056323	chr19	60851295	60851653	-	0.003343
Eif3a	MmulNT0056324	chr19	60849921	60851195	-	0.005019
Eif3b	MmulNT0056325	chr5	1.41E+08	1.41E+08	+	0.004116
Eif3b	MmulNT0056326	chr5	1.41E+08	1.41E+08	+	0.003755
Eif3b	MmulNT0056327	chr5	1.41E+08	1.41E+08	+	0.003079
Eif3b	MmulNT0056328	chr5	1.41E+08	1.41E+08	+	0.005119
Eif3b	MmulNT0056329	chr5	1.41E+08	1.41E+08	+	0.026938
Eif3b	MmulNT0056330	chr5	1.41E+08	1.41E+08	+	0.010693
Eif3b	MmulNT0056331	chr5	1.41E+08	1.41E+08	+	0.008752
Eif3b	MmulNT0056332	chr5	1.41E+08	1.41E+08	+	0.004081
Eif3b	MmulNT0056333	chr5	1.41E+08	1.41E+08	+	0.004799
Eif3b	MmulNT0056334	chr5	1.41E+08	1.41E+08	+	0.005782
Eif3b	MmulNT0056335	chr5	1.41E+08	1.41E+08	+	0.002116
Eif3b	MmulNT0056336	chr5	1.41E+08	1.41E+08	+	0.003218
Eif3b	MmulNT0056337	chr5	1.41E+08	1.41E+08	+	0.003316
Eif3b	MmulNT0056338	chr5	1.41E+08	1.41E+08	+	0.002482
Eif3b	MmulNT0056339	chr5	1.41E+08	1.41E+08	+	0.002082
Eif3b	MmulNT0056340	chr5	1.41E+08	1.41E+08	+	0.002641
Eif3b	MmulNT0056341	chr5	1.41E+08	1.41E+08	+	0.005248
Eif3b	MmulNT0056342	chr5	1.41E+08	1.41E+08	+	0.003866
Eif3c	MmulNT0056343	chr7	1.34E+08	1.34E+08	-	0.051854
Eif3c	MmulNT0056344	chr7	1.34E+08	1.34E+08	-	0.003072
Eif3c	MmulNT0056345	chr7	1.34E+08	1.34E+08	-	0.002507
Eif3c	MmulNT0056346	chr7	1.34E+08	1.34E+08	-	0.002928
Eif3c	MmulNT0056347	chr7	1.34E+08	1.34E+08	-	0.002537
Eif3c	MmulNT0056348	chr7	1.34E+08	1.34E+08	-	0.001808
Eif3c	MmulNT0056349	chr7	1.34E+08	1.34E+08	-	0.001999
Eif3c	MmulNT0056350	chr7	1.34E+08	1.34E+08	-	0.005138
Eif3c	MmulNT0056351	chr7	1.34E+08	1.34E+08	-	0.003981
Eif3c	MmulNT0056352	chr7	1.34E+08	1.34E+08	-	0.008825
Eif3c	MmulNT0056353	chr7	1.34E+08	1.34E+08	-	0.001383
Eif3c	MmulNT0056354	chr7	1.34E+08	1.34E+08	-	0.003216
Eif3c	MmulNT0056356	chr7	1.34E+08	1.34E+08	-	0.001887
Eif3c	MmulNT0056357	chr7	1.34E+08	1.34E+08	-	0.001548
Eif3c	MmulNT0056358	chr7	1.34E+08	1.34E+08	-	0.002284
Eif3c	MmulNT0056360	chr7	1.34E+08	1.34E+08	-	0.002469
Eif3c	MmulNT0056361	chr7	1.34E+08	1.34E+08	-	0.002306
Eif3c	MmulNT0056362	chr7	1.34E+08	1.34E+08	-	0.003386
Eif3d	MmulNT0056363	chr15	77799020	77801112	-	0.004488
Eif3d	MmulNT0056364	chr15	77792362	77792869	-	0.003206
Eif3d	MmulNT0056365	chr15	77792174	77792275	-	0.003554
Eif3d	MmulNT0056366	chr15	77790527	77792043	-	0.012579
Eif3d	MmulNT0056367	chr15	77790226	77790383	-	0.002395
Eif3d	MmulNT0056369	chr15	77798652	77798886	-	0.008146
Eif3d	MmulNT0056370	chr15	77797870	77798605	-	0.010907
Eif3d	MmulNT0056371	chr15	77797198	77797732	-	0.003266
Eif3d	MmulNT0056372	chr15	77796641	77797111	-	0.003925
Eif3d	MmulNT0056373	chr15	77795446	77796567	-	0.005445
Eif3d	MmulNT0056374	chr15	77794583	77795332	-	0.006747
Eif3d	MmulNT0056375	chr15	77793756	77794449	-	0.007734

Eif3d	MmulNT0056376	chr15	77793001	77793607	-	0.006066
Eif3e	MmulNT0056384	chr15	43097806	43102424	-	0.000806
Eif3e	MmulNT0056386	chr15	43094882	43097046	-	0.000102
Eif3e	MmulNT0056387	chr15	43094247	43094754	-	0.001897
Eif3f	MmulNT0056389	chr7	1.16E+08	1.16E+08	+	0.00168
Eif3f	MmulNT0056390	chr7	1.16E+08	1.16E+08	+	0.002241
Eif3f	MmulNT0056391	chr7	1.16E+08	1.16E+08	+	0.002883
Eif3f	MmulNT0056392	chr7	1.16E+08	1.16E+08	+	0.001571
Eif3f	MmulNT0056393	chr7	1.16E+08	1.16E+08	+	0.003606
Eif3f	MmulNT0056394	chr7	1.16E+08	1.16E+08	+	0.00021
Eif3f	MmulNT0056395	chr7	1.16E+08	1.16E+08	+	0.001286
Eif3g	MmulNT0056396	chr9	20702869	20702987	-	0.009302
Eif3g	MmulNT0056397	chr9	20698887	20699076	-	0.012008
Eif3g	MmulNT0056398	chr9	20702612	20702821	-	0.031958
Eif3g	MmulNT0056399	chr9	20702421	20702527	-	0.003891
Eif3g	MmulNT0056400	chr9	20702211	20702331	-	0.010192
Eif3g	MmulNT0056401	chr9	20700665	20702150	-	0.023882
Eif3g	MmulNT0056402	chr9	20700462	20700559	-	0.00206
Eif3g	MmulNT0056403	chr9	20699641	20700271	-	0.017761
Eif3g	MmulNT0056404	chr9	20699414	20699532	-	0.004625
Eif3g	MmulNT0056405	chr9	20699184	20699276	-	0.006336
Eif3h	MmulNT0056406	chr15	51674171	51696871	-	0.000096
Eif3h	MmulNT0056407	chr15	51630906	51674013	-	0.000023
Eif3h	MmulNT0056408	chr15	51629259	51630737	-	0.000553
Eif3h	MmulNT0056410	chr15	51621660	51627933	-	0.001104
Eif3h	MmulNT0056411	chr15	51619585	51621538	-	0.000993
Eif3i	MmulNT0056413	chr4	1.29E+08	1.29E+08	-	0.039694
Eif3i	MmulNT0056414	chr4	1.29E+08	1.29E+08	-	0.002379
Eif3i	MmulNT0056415	chr4	1.29E+08	1.29E+08	-	0.005704
Eif3i	MmulNT0056417	chr4	1.29E+08	1.29E+08	-	0.002985
Eif3i	MmulNT0056418	chr4	1.29E+08	1.29E+08	-	0.001879
Eif3i	MmulNT0056420	chr4	1.29E+08	1.29E+08	-	0.00143
Eif3i	MmulNT0056421	chr4	1.29E+08	1.29E+08	-	0.00283
Eif3i	MmulNT0056422	chr4	1.29E+08	1.29E+08	-	0.000606
Eif3k	MmulNT0056430	chr7	29765562	29766692	-	0.004372
Eif3k	MmulNT0056431	chr7	29763010	29765462	-	0.009235
Eif3k	MmulNT0056432	chr7	29762295	29762888	-	0.003505
Eif3k	MmulNT0056433	chr7	29759689	29762219	-	0.007561
Eif3k	MmulNT0056434	chr7	29759246	29759621	-	0.0017
Eif3k	MmulNT0056435	chr7	29757677	29759167	-	0.005722
Eif3k	MmulNT0056436	chr7	29756458	29757550	-	0.009103
Eif3l	MmulNT0056437	chr15	78905723	78906200	+	0.004907
Eif3l	MmulNT0056438	chr15	78917035	78919893	+	0.003002
Eif3l	MmulNT0056439	chr15	78920392	78923766	+	0.005959
Eif3l	MmulNT0056440	chr15	78923848	78924630	+	0.003946
Eif3l	MmulNT0056441	chr15	78906250	78907260	+	0.002897
Eif3l	MmulNT0056442	chr15	78907472	78908503	+	0.002595
Eif3l	MmulNT0056443	chr15	78908584	78909422	+	0.010316
Eif3l	MmulNT0056444	chr15	78909485	78912016	+	0.009017
Eif3l	MmulNT0056445	chr15	78912087	78912283	+	0.004826

Eif3l	MmuINT0056446	chr15	78912358	78914541	+	0.026786
Eif3l	MmuINT0056447	chr15	78914714	78915986	+	0.002484
Eif3l	MmuINT0056448	chr15	78916142	78916863	+	0.002409
Eif3m	MmuINT0056449	chr2	1.05E+08	1.05E+08	-	0.001185
Eif3m	MmuINT0056454	chr2	1.05E+08	1.05E+08	-	0.000245
Eif4a2	MmuINT0056471	chr16	23107894	23108660	+	0.028573
Eif4a2	MmuINT0056472	chr16	23108707	23108791	+	0.00258
Eif4a2	MmuINT0056473	chr16	23108925	23109192	+	0.013293
Eif4a2	MmuINT0056475	chr16	23110227	23110306	+	0.004727
Eif4a2	MmuINT0056476	chr16	23110417	23110652	+	0.004159
Eif4b	MmuINT0056491	chr15	1.02E+08	1.02E+08	+	0.004341
Eif4b	MmuINT0056492	chr15	1.02E+08	1.02E+08	+	0.004943
Eif4b	MmuINT0056493	chr15	1.02E+08	1.02E+08	+	0.002968
Eif4b	MmuINT0056494	chr15	1.02E+08	1.02E+08	+	0.001852
Eif4b	MmuINT0056496	chr15	1.02E+08	1.02E+08	+	0.007895
Eif4b	MmuINT0056497	chr15	1.02E+08	1.02E+08	+	0.000837
Eif4b	MmuINT0056498	chr15	1.02E+08	1.02E+08	+	0.000425
Eif4b	MmuINT0056501	chr15	1.02E+08	1.02E+08	+	0.001445
Eif4b	MmuINT0056502	chr15	1.02E+08	1.02E+08	+	0.000961
Eif4b	MmuINT0056503	chr15	1.02E+08	1.02E+08	+	0.002368
Eif4b	MmuINT0056504	chr15	1.02E+08	1.02E+08	+	0.002147
Eif4e	MmuINT0056506	chr3	1.38E+08	1.38E+08	+	0.000249
Eif4e	MmuINT0056509	chr3	1.38E+08	1.38E+08	+	0.062147
Eif4e	MmuINT0056510	chr3	1.38E+08	1.38E+08	+	0.001
Eif4e2	MmuINT0056518	chr1	89116271	89117494	+	0.003602
Eif4e2	MmuINT0056519	chr1	89117630	89120927	+	0.005047
Eif4e2	MmuINT0056520	chr1	89121033	89122424	+	0.005458
Eif4e2	MmuINT0056521	chr1	89122578	89122671	+	0.00596
Eif4e2	MmuINT0056522	chr1	89122809	89134420	+	0.104422
Eif4e3	MmuINT0056523	chr6	99601786	99616621	-	0.004182
Eif4e3	MmuINT0056524	chr6	99590705	99601712	-	0.006638
Eif4e3	MmuINT0056525	chr6	99589218	99590609	-	0.004005
Eif4e3	MmuINT0056526	chr6	99586170	99589156	-	0.005166
Eif4e3	MmuINT0056527	chr6	99582407	99586102	-	0.00401
Eif4ebp1	MmuINT0056529	chr8	28371023	28383794	+	0.001581
Eif4ebp1	MmuINT0056530	chr8	28383975	28385551	+	0.001128
Eif4ebp2	MmuINT0056531	chr10	60897852	60915149	-	0.007021
Eif4ebp2	MmuINT0056532	chr10	60896577	60897665	-	0.003958
Eif4ebp3	MmuINT0056533	chr18	36823957	36824935	+	0.825931
Eif4ebp3	MmuINT0056534	chr18	36825110	36825244	+	0.013678
Eif4enif1	MmuINT0056539	chr11	3130105	3134464	+	0.17063
Eif4enif1	MmuINT0056540	chr11	3134649	3135583	+	0.022109
Eif4enif1	MmuINT0056541	chr11	3135664	3136216	+	0.014112
Eif4enif1	MmuINT0056542	chr11	3136357	3139403	+	0.017807
Eif4enif1	MmuINT0056543	chr11	3139489	3140897	+	0.025671
Eif4enif1	MmuINT0056544	chr11	3141031	3142379	+	0.020789
Eif4enif1	MmuINT0056545	chr11	3142722	3143185	+	0.005646
Eif4enif1	MmuINT0056546	chr11	3143354	3143853	+	0.010038
Eif4enif1	MmuINT0056548	chr11	3113337	3115594	+	0.01186
Eif4enif1	MmuINT0056549	chr11	3115723	3120246	+	0.006964

Eif4enif1	MmuINT0056550	chr11	3120534	3121095	+	0.003469
Eif4enif1	MmuINT0056551	chr11	3121298	3124634	+	0.006775
Eif4enif1	MmuINT0056552	chr11	3124811	3127397	+	0.010533
Eif4enif1	MmuINT0056553	chr11	3127534	3127708	+	0.002154
Eif4enif1	MmuINT0056554	chr11	3127889	3129871	+	0.00747
Eif4g1	MmuINT0056558	chr16	20680099	20680785	+	0.001044
Eif4g1	MmuINT0056559	chr16	20680875	20680962	+	0.00089
Eif4g1	MmuINT0056560	chr16	20681150	20681255	+	0.000608
Eif4g1	MmuINT0056561	chr16	20681390	20681492	+	0.001096
Eif4g1	MmuINT0056562	chr16	20681652	20681809	+	0.001142
Eif4g1	MmuINT0056563	chr16	20681996	20682114	+	0.001133
Eif4g1	MmuINT0056564	chr16	20682313	20682731	+	0.000589
Eif4g1	MmuINT0056565	chr16	20682879	20683490	+	0.000972
Eif4g1	MmuINT0056566	chr16	20683728	20683884	+	0.001047
Eif4g1	MmuINT0056567	chr16	20683990	20684094	+	0.000659
Eif4g1	MmuINT0056568	chr16	20674035	20674300	+	0.007065
Eif4g1	MmuINT0056569	chr16	20684255	20684480	+	0.003159
Eif4g1	MmuINT0056570	chr16	20684582	20685583	+	0.002054
Eif4g1	MmuINT0056571	chr16	20685687	20685931	+	0.002295
Eif4g1	MmuINT0056572	chr16	20686029	20686223	+	0.0007
Eif4g1	MmuINT0056573	chr16	20686451	20686585	+	0.000984
Eif4g1	MmuINT0056574	chr16	20686705	20686832	+	0.001202
Eif4g1	MmuINT0056575	chr16	20687006	20687222	+	0.002583
Eif4g1	MmuINT0056576	chr16	20687349	20687453	+	0.005446
Eif4g1	MmuINT0056577	chr16	20687536	20688611	+	0.006027
Eif4g1	MmuINT0056578	chr16	20688711	20688803	+	0.000487
Eif4g1	MmuINT0056580	chr16	20688939	20689043	+	0.003302
Eif4g1	MmuINT0056581	chr16	20689126	20689264	+	0.009837
Eif4g1	MmuINT0056582	chr16	20689406	20692319	+	0.03022
Eif4g1	MmuINT0056584	chr16	20675594	20675802	+	0.000895
Eif4g1	MmuINT0056585	chr16	20675903	20677758	+	0.001275
Eif4g1	MmuINT0056586	chr16	20677872	20678654	+	0.001523
Eif4g1	MmuINT0056587	chr16	20678748	20678956	+	0.002022
Eif4g1	MmuINT0056588	chr16	20679024	20679285	+	0.00178
Eif4g2	MmuINT0056589	chr7	1.18E+08	1.18E+08	-	0.002576
Eif4g2	MmuINT0056591	chr7	1.18E+08	1.18E+08	-	0.001748
Eif4g2	MmuINT0056592	chr7	1.18E+08	1.18E+08	-	0.004966
Eif4g2	MmuINT0056593	chr7	1.18E+08	1.18E+08	-	0.169007
Eif4g2	MmuINT0056594	chr7	1.18E+08	1.18E+08	-	0.001736
Eif4g2	MmuINT0056595	chr7	1.18E+08	1.18E+08	-	0.000204
Eif4g2	MmuINT0056596	chr7	1.18E+08	1.18E+08	-	0.001443
Eif4g2	MmuINT0056597	chr7	1.18E+08	1.18E+08	-	0.001193
Eif4g2	MmuINT0056598	chr7	1.18E+08	1.18E+08	-	0.002802
Eif4g2	MmuINT0056599	chr7	1.18E+08	1.18E+08	-	0.003407
Eif4g2	MmuINT0056600	chr7	1.18E+08	1.18E+08	-	0.001012
Eif4g2	MmuINT0056602	chr7	1.18E+08	1.18E+08	-	0.001991
Eif4g2	MmuINT0056603	chr7	1.18E+08	1.18E+08	-	0.001848
Eif4g2	MmuINT0056604	chr7	1.18E+08	1.18E+08	-	0.001656
Eif4g2	MmuINT0056605	chr7	1.18E+08	1.18E+08	-	0.000478
Eif4g2	MmuINT0056606	chr7	1.18E+08	1.18E+08	-	0.000761

Eif4g2	MmuINT0056607	chr7	1.18E+08	1.18E+08	-	0.000416
Eif4g2	MmuINT0056608	chr7	1.18E+08	1.18E+08	-	0.001197
Eif4g3	MmuINT0056611	chr4	1.38E+08	1.38E+08	+	0.336655
Eif4g3	MmuINT0056612	chr4	1.38E+08	1.38E+08	+	0.015768
Eif4g3	MmuINT0056613	chr4	1.38E+08	1.38E+08	+	0.008532
Eif4g3	MmuINT0056614	chr4	1.38E+08	1.38E+08	+	0.004782
Eif4g3	MmuINT0056615	chr4	1.38E+08	1.38E+08	+	0.0063
Eif4g3	MmuINT0056616	chr4	1.38E+08	1.38E+08	+	0.019457
Eif4g3	MmuINT0056617	chr4	1.38E+08	1.38E+08	+	0.006927
Eif4g3	MmuINT0056618	chr4	1.38E+08	1.38E+08	+	0.00676
Eif4g3	MmuINT0056619	chr4	1.38E+08	1.38E+08	+	0.007176
Eif4g3	MmuINT0056620	chr4	1.38E+08	1.38E+08	+	0.015366
Eif4g3	MmuINT0056621	chr4	1.38E+08	1.38E+08	+	0.005461
Eif4g3	MmuINT0056622	chr4	1.38E+08	1.38E+08	+	0.036944
Eif4g3	MmuINT0056623	chr4	1.38E+08	1.38E+08	+	0.012166
Eif4g3	MmuINT0056624	chr4	1.38E+08	1.38E+08	+	0.007449
Eif4g3	MmuINT0056625	chr4	1.38E+08	1.38E+08	+	0.007187
Eif4g3	MmuINT0056626	chr4	1.38E+08	1.38E+08	+	0.007194
Eif4g3	MmuINT0056627	chr4	1.38E+08	1.38E+08	+	0.436106
Eif4g3	MmuINT0056628	chr4	1.38E+08	1.38E+08	+	0.008744
Eif4g3	MmuINT0056629	chr4	1.38E+08	1.38E+08	+	0.00583
Eif4g3	MmuINT0056630	chr4	1.38E+08	1.38E+08	+	0.006651
Eif4g3	MmuINT0056631	chr4	1.38E+08	1.38E+08	+	0.010074
Eif4g3	MmuINT0056632	chr4	1.38E+08	1.38E+08	+	0.019802
Eif4g3	MmuINT0056634	chr4	1.38E+08	1.38E+08	+	0.010104
Eif4g3	MmuINT0056635	chr4	1.38E+08	1.38E+08	+	0.006418
Eif4g3	MmuINT0056636	chr4	1.38E+08	1.38E+08	+	0.015188
Eif4g3	MmuINT0056637	chr4	1.38E+08	1.38E+08	+	0.006424
Eif4g3	MmuINT0056638	chr4	1.38E+08	1.38E+08	+	0.007662
Eif4g3	MmuINT0056642	chr4	1.38E+08	1.38E+08	+	0.008753
Eif4g3	MmuINT0056643	chr4	1.38E+08	1.38E+08	+	0.011133
Eif4g3	MmuINT0056644	chr4	1.38E+08	1.38E+08	+	0.01224
Eif4h	MmuINT0056645	chr5	1.35E+08	1.35E+08	-	0.001652
Eif4h	MmuINT0056646	chr5	1.35E+08	1.35E+08	-	0.001311
Eif4h	MmuINT0056647	chr5	1.35E+08	1.35E+08	-	0.005592
Eif4h	MmuINT0056648	chr5	1.35E+08	1.35E+08	-	0.116646
Eif4h	MmuINT0056649	chr5	1.35E+08	1.35E+08	-	0.155257
Eif4h	MmuINT0056650	chr5	1.35E+08	1.35E+08	-	0.002049
Eif5	MmuINT0056652	chr12	1.13E+08	1.13E+08	+	0.055464
Eif5	MmuINT0056653	chr12	1.13E+08	1.13E+08	+	0.001658
Eif5	MmuINT0056654	chr12	1.13E+08	1.13E+08	+	0.00486
Eif5	MmuINT0056655	chr12	1.13E+08	1.13E+08	+	0.00046
Eif5	MmuINT0056656	chr12	1.13E+08	1.13E+08	+	0.021973
Eif5	MmuINT0056657	chr12	1.13E+08	1.13E+08	+	0.000311
Eif5	MmuINT0056658	chr12	1.13E+08	1.13E+08	+	0.064032
Eif5	MmuINT0056659	chr12	1.13E+08	1.13E+08	+	0.000885
Eif5	MmuINT0056661	chr12	1.13E+08	1.13E+08	+	0.000856
Eif5a	MmuINT0056662	chr11	69732839	69733842	-	0.084682
Eif5a	MmuINT0056664	chr11	69731231	69731418	-	0.001129
Eif5a	MmuINT0056666	chr11	69730844	69730929	-	0.000149



Eif5b	MmuINT0056676	chr1	38055170	38074650	+	0.002091
Eif5b	MmuINT0056677	chr1	38093119	38094047	+	0.002306
Eif5b	MmuINT0056678	chr1	38094156	38094391	+	0.003876
Eif5b	MmuINT0056679	chr1	38094503	38097517	+	0.003204
Eif5b	MmuINT0056680	chr1	38097586	38098541	+	0.002289
Eif5b	MmuINT0056681	chr1	38098684	38101548	+	0.002249
Eif5b	MmuINT0056682	chr1	38101681	38102168	+	0.003118
Eif5b	MmuINT0056683	chr1	38102352	38102492	+	0.002081
Eif5b	MmuINT0056684	chr1	38102655	38103456	+	0.002944
Eif5b	MmuINT0056685	chr1	38103589	38105637	+	0.003155
Eif5b	MmuINT0056686	chr1	38105770	38105861	+	0.002926
Eif5b	MmuINT0056687	chr1	38074777	38074869	+	0.003129
Eif5b	MmuINT0056688	chr1	38105939	38106020	+	0.00292
Eif5b	MmuINT0056689	chr1	38106186	38107031	+	0.005422
Eif5b	MmuINT0056690	chr1	38107171	38107967	+	0.010642
Eif5b	MmuINT0056691	chr1	38108130	38108450	+	0.003543
Eif5b	MmuINT0056692	chr1	38074955	38075709	+	0.002269
Eif5b	MmuINT0056693	chr1	38076380	38078438	+	0.006542
Eif5b	MmuINT0056694	chr1	38078657	38079008	+	0.009217
Eif5b	MmuINT0056695	chr1	38079160	38089121	+	0.003632
Eif5b	MmuINT0056696	chr1	38089221	38089912	+	0.001744
Eif5b	MmuINT0056697	chr1	38090003	38090873	+	0.006974
Eif5b	MmuINT0056698	chr1	38090949	38092837	+	0.002064
Eif6	MmuINT0056699	chr2	1.56E+08	1.56E+08	-	0.005645
Eif6	MmuINT0056700	chr2	1.56E+08	1.56E+08	-	0.015204
Eif6	MmuINT0056702	chr2	1.56E+08	1.56E+08	-	0.013839
Eif6	MmuINT0056703	chr2	1.56E+08	1.56E+08	-	0.003561
Elac1	MmuINT0056704	chr18	73906986	73914055	-	0.055194
Elac1	MmuINT0056705	chr18	73902456	73906820	-	0.023585
Elac1	MmuINT0056706	chr18	73898955	73901990	-	0.454685
Elac2	MmuINT0056707	chr11	64792834	64793219	+	0.044794
Elac2	MmuINT0056708	chr11	64800983	64801533	+	0.018938
Elac2	MmuINT0056709	chr11	64801647	64802854	+	0.013415
Elac2	MmuINT0056710	chr11	64802951	64805722	+	0.011531
Elac2	MmuINT0056711	chr11	64805862	64805940	+	0.016819
Elac2	MmuINT0056712	chr11	64806027	64807737	+	0.020753
Elac2	MmuINT0056713	chr11	64807857	64808807	+	0.02701
Elac2	MmuINT0056714	chr11	64808905	64811369	+	0.031131
Elac2	MmuINT0056715	chr11	64811509	64811842	+	0.023511
Elac2	MmuINT0056716	chr11	64811882	64812009	+	0.040493
Elac2	MmuINT0056717	chr11	64812120	64812638	+	0.029015
Elac2	MmuINT0056718	chr11	64793271	64793408	+	0.019553
Elac2	MmuINT0056719	chr11	64812739	64812819	+	0.009703
Elac2	MmuINT0056720	chr11	64812941	64813187	+	0.011335
Elac2	MmuINT0056721	chr11	64813267	64813797	+	0.021938
Elac2	MmuINT0056722	chr11	64813943	64814496	+	0.007162
Elac2	MmuINT0056723	chr11	64814716	64815333	+	0.751997
Elac2	MmuINT0056724	chr11	64793480	64794109	+	0.018257
Elac2	MmuINT0056725	chr11	64794175	64795118	+	0.021092
Elac2	MmuINT0056726	chr11	64795177	64796257	+	0.014721

Elac2	MmuINT0056727	chr11	64796327	64797095	+	0.015868
Elac2	MmuINT0056728	chr11	64797228	64799064	+	0.022932
Elac2	MmuINT0056729	chr11	64799124	64800772	+	0.11716
Elac2	MmuINT0056730	chr11	64800832	64800909	+	0.04421
Elavl1	MmuINT0056735	chr8	4311787	4324885	-	0.012904
Elavl1	MmuINT0056736	chr8	4305031	4311598	-	0.006387
Elavl1	MmuINT0056737	chr8	4301839	4304926	-	0.006349
Elavl1	MmuINT0056738	chr8	4295562	4301684	-	0.019626
Elavl1	MmuINT0056739	chr8	4289925	4295335	-	0.023498
Elf1	MmuINT0056765	chr14	79936230	79960553	+	0.028474
Elf1	MmuINT0056766	chr14	79960735	79965268	+	0.008418
Elf1	MmuINT0056767	chr14	79965380	79966956	+	0.015927
Elf1	MmuINT0056768	chr14	79967122	79969027	+	0.025861
Elf1	MmuINT0056769	chr14	79969112	79970529	+	0.033098
Elf1	MmuINT0056770	chr14	79970723	79972978	+	0.013646
Elf1	MmuINT0056771	chr14	79973426	79979991	+	0.075281
Elf2	MmuINT0056772	chr3	51127374	51129869	-	0.010718
Elf2	MmuINT0056773	chr3	51112138	51127143	-	0.007883
Elf2	MmuINT0056774	chr3	51070789	51111971	-	0.021174
Elf2	MmuINT0056775	chr3	51068965	51070674	-	0.110528
Elf2	MmuINT0056776	chr3	51065008	51068790	-	0.022038
Elf2	MmuINT0056777	chr3	51063287	51064920	-	0.005008
Elf2	MmuINT0056778	chr3	51061698	51063093	-	0.007689
Elf2	MmuINT0056779	chr3	51060908	51061346	-	0.006942
Elf4	MmuINT0056790	chrX	45773546	45773880	-	0.213977
Elf4	MmuINT0056791	chrX	45772377	45773452	-	0.03908
Elf4	MmuINT0056792	chrX	45771416	45772184	-	0.032456
Elf4	MmuINT0056793	chrX	45771241	45771331	-	0.02808
Elf4	MmuINT0056794	chrX	45770202	45771047	-	0.038389
Elf4	MmuINT0056795	chrX	45768624	45769823	-	0.028275
Elk1	MmuINT0056805	chrX	20518924	20527565	-	0.03035
Elk1	MmuINT0056806	chrX	20514690	20518679	-	0.02802
Elk1	MmuINT0056807	chrX	20513790	20514242	-	0.0136
Elk1	MmuINT0056808	chrX	20512859	20513357	-	0.014289
Elk1	MmuINT0056809	chrX	20512675	20512756	-	0.014784
Elk3	MmuINT0056810	chr10	92747723	92773496	-	0.013765
Elk3	MmuINT0056811	chr10	92728426	92747513	-	0.01018
Elk3	MmuINT0056812	chr10	92717557	92727624	-	0.01967
Elk3	MmuINT0056813	chr10	92712854	92717433	-	0.012263
Elk4	MmuINT0056814	chr1	1.34E+08	1.34E+08	+	0.03863
Elk4	MmuINT0056815	chr1	1.34E+08	1.34E+08	+	0.039577
Elk4	MmuINT0056816	chr1	1.34E+08	1.34E+08	+	0.024136
Elk4	MmuINT0056817	chr1	1.34E+08	1.34E+08	+	0.019689
Ell	MmuINT0056818	chr8	73063741	73096761	+	0.023087
Ell	MmuINT0056819	chr8	73114765	73115268	+	0.095199
Ell	MmuINT0056820	chr8	73115314	73115396	+	0.062887
Ell	MmuINT0056821	chr8	73096810	73102735	+	0.037204
Ell	MmuINT0056822	chr8	73102858	73102991	+	0.021373
Ell	MmuINT0056823	chr8	73103156	73105453	+	0.172751
Ell	MmuINT0056824	chr8	73105720	73107770	+	0.027441

ElI	MmuINT0056825	chr8	73107896	73109055	+	0.190888
ElI	MmuINT0056826	chr8	73109135	73109452	+	0.138716
ElI	MmuINT0056827	chr8	73109928	73114418	+	0.046359
ElI	MmuINT0056828	chr8	73114480	73114592	+	0.077818
ElI2	MmuINT0056829	chr13	75845246	75862400	+	0.103144
ElI2	MmuINT0056830	chr13	75907159	75907993	+	0.022101
ElI2	MmuINT0056831	chr13	75908039	75908127	+	0.013877
ElI2	MmuINT0056832	chr13	75862449	75883739	+	0.025119
ElI2	MmuINT0056833	chr13	75883862	75887372	+	0.013364
ElI2	MmuINT0056834	chr13	75887537	75893722	+	0.055401
ElI2	MmuINT0056835	chr13	75893983	75899325	+	0.01939
ElI2	MmuINT0056836	chr13	75899451	75899592	+	0.017952
ElI2	MmuINT0056837	chr13	75899678	75900995	+	0.023994
ElI2	MmuINT0056838	chr13	75901564	75903601	+	0.022655
ElI2	MmuINT0056839	chr13	75903669	75906986	+	0.017738
Elmo1	MmuINT0056852	chr13	20379883	20382230	+	0.047669
Elmo1	MmuINT0056854	chr13	20434342	20464950	+	0.046209
Elmo1	MmuINT0056855	chr13	20465060	20541338	+	0.057637
Elmo1	MmuINT0056858	chr13	20301081	20333441	+	0.062023
Elmo1	MmuINT0056859	chr13	20333493	20342872	+	0.048587
Elmo1	MmuINT0056863	chr13	20372833	20374780	+	0.042703
Elmo1	MmuINT0056866	chr13	20656457	20664213	+	0.041939
Elmo1	MmuINT0056867	chr13	20664327	20674087	+	0.041733
Elmo1	MmuINT0056868	chr13	20674196	20681512	+	0.064409
Elmo1	MmuINT0056869	chr13	20681596	20692048	+	0.098058
Elmo2	MmuINT0056872	chr2	1.65E+08	1.65E+08	-	0.055103
Elmo2	MmuINT0056873	chr2	1.65E+08	1.65E+08	-	0.083165
Elmo2	MmuINT0056874	chr2	1.65E+08	1.65E+08	-	0.051173
Elmo2	MmuINT0056875	chr2	1.65E+08	1.65E+08	-	0.062485
Elmo2	MmuINT0056876	chr2	1.65E+08	1.65E+08	-	0.041549
Elmo2	MmuINT0056877	chr2	1.65E+08	1.65E+08	-	0.035888
Elmo2	MmuINT0056878	chr2	1.65E+08	1.65E+08	-	0.011908
Elmo2	MmuINT0056879	chr2	1.65E+08	1.65E+08	-	0.014307
Elmo2	MmuINT0056880	chr2	1.65E+08	1.65E+08	-	0.127649
Elmo2	MmuINT0056881	chr2	1.65E+08	1.65E+08	-	0.030704
Elmo2	MmuINT0056882	chr2	1.65E+08	1.65E+08	-	0.032304
Elmo2	MmuINT0056883	chr2	1.65E+08	1.65E+08	-	0.052611
Elmo2	MmuINT0056884	chr2	1.65E+08	1.65E+08	-	0.087478
Elmo2	MmuINT0056885	chr2	1.65E+08	1.65E+08	-	0.015402
Elmo2	MmuINT0056886	chr2	1.65E+08	1.65E+08	-	0.039348
Elmo2	MmuINT0056887	chr2	1.65E+08	1.65E+08	-	0.023418
Elmo2	MmuINT0056888	chr2	1.65E+08	1.65E+08	-	0.033559
Elmo3	MmuINT0056892	chr8	1.08E+08	1.08E+08	+	0.578798
Elmo3	MmuINT0056893	chr8	1.08E+08	1.08E+08	+	0.418941
Elmo3	MmuINT0056894	chr8	1.08E+08	1.08E+08	+	0.801149
Elmo3	MmuINT0056895	chr8	1.08E+08	1.08E+08	+	0.295806
Elmo3	MmuINT0056897	chr8	1.08E+08	1.08E+08	+	0.133341
Elmo3	MmuINT0056903	chr8	1.08E+08	1.08E+08	+	0.509356
Elmo3	MmuINT0056904	chr8	1.08E+08	1.08E+08	+	0.784566
Elmo3	MmuINT0056905	chr8	1.08E+08	1.08E+08	+	0.5761

Elmo3	MmuINT0056906	chr8	1.08E+08	1.08E+08	+	0.521758
Elmo3	MmuINT0056909	chr8	1.08E+08	1.08E+08	+	0.478085
Elmod2	MmuINT0056920	chr8	85855158	85856248	-	0.047922
Elmod2	MmuINT0056921	chr8	85853040	85855009	-	0.033817
Elmod2	MmuINT0056922	chr8	85846664	85853010	-	0.067493
Elmod2	MmuINT0056923	chr8	85845462	85846565	-	0.032202
Elmod2	MmuINT0056924	chr8	85843447	85845331	-	0.02779
Elmod2	MmuINT0056925	chr8	85841699	85843312	-	0.053071
Elmod2	MmuINT0056926	chr8	85840834	85841629	-	0.108194
Elmod2	MmuINT0056927	chr8	85840361	85840699	-	0.032582
Elmod3	MmuINT0056929	chr6	72519332	72525634	-	0.036372
Elmod3	MmuINT0056930	chr6	72518937	72519254	-	0.015208
Elmod3	MmuINT0056931	chr6	72516858	72518808	-	0.088584
Elmod3	MmuINT0056933	chr6	72537680	72544733	-	0.009831
Elmod3	MmuINT0056934	chr6	72536509	72537604	-	0.01717
Elmod3	MmuINT0056935	chr6	72530364	72536438	-	0.014879
Elmod3	MmuINT0056936	chr6	72529710	72530294	-	0.012418
Elmod3	MmuINT0056937	chr6	72527683	72529617	-	0.016857
Elmod3	MmuINT0056938	chr6	72527371	72527558	-	0.01639
Elmod3	MmuINT0056939	chr6	72525766	72527247	-	0.031073
Eln	MmuINT0056940	chr5	1.35E+08	1.35E+08	-	0.141154
Eln	MmuINT0056941	chr5	1.35E+08	1.35E+08	-	0.023726
Eln	MmuINT0056942	chr5	1.35E+08	1.35E+08	-	0.057911
Eln	MmuINT0056943	chr5	1.35E+08	1.35E+08	-	0.044009
Eln	MmuINT0056944	chr5	1.35E+08	1.35E+08	-	0.040848
Eln	MmuINT0056945	chr5	1.35E+08	1.35E+08	-	0.043558
Eln	MmuINT0056946	chr5	1.35E+08	1.35E+08	-	0.045671
Eln	MmuINT0056947	chr5	1.35E+08	1.35E+08	-	0.028541
Eln	MmuINT0056948	chr5	1.35E+08	1.35E+08	-	0.032586
Eln	MmuINT0056950	chr5	1.35E+08	1.35E+08	-	0.01546
Eln	MmuINT0056951	chr5	1.35E+08	1.35E+08	-	0.037451
Eln	MmuINT0056952	chr5	1.35E+08	1.35E+08	-	0.020823
Eln	MmuINT0056953	chr5	1.35E+08	1.35E+08	-	0.023766
Eln	MmuINT0056954	chr5	1.35E+08	1.35E+08	-	0.03626
Eln	MmuINT0056955	chr5	1.35E+08	1.35E+08	-	0.02976
Eln	MmuINT0056956	chr5	1.35E+08	1.35E+08	-	0.045149
Eln	MmuINT0056960	chr5	1.35E+08	1.35E+08	-	0.017248
Eln	MmuINT0056961	chr5	1.35E+08	1.35E+08	-	0.220018
Eln	MmuINT0056962	chr5	1.35E+08	1.35E+08	-	0.043038
Eln	MmuINT0056963	chr5	1.35E+08	1.35E+08	-	0.133274
Eln	MmuINT0056964	chr5	1.35E+08	1.35E+08	-	0.055647
Eln	MmuINT0056965	chr5	1.35E+08	1.35E+08	-	0.05868
Eln	MmuINT0056966	chr5	1.35E+08	1.35E+08	-	0.049559
Eln	MmuINT0056967	chr5	1.35E+08	1.35E+08	-	0.121917
Eln	MmuINT0056968	chr5	1.35E+08	1.35E+08	-	0.174831
Eln	MmuINT0056969	chr5	1.35E+08	1.35E+08	-	0.091551
Eln	MmuINT0056970	chr5	1.35E+08	1.35E+08	-	0.040119
Eln	MmuINT0056971	chr5	1.35E+08	1.35E+08	-	0.027746
Eln	MmuINT0056972	chr5	1.35E+08	1.35E+08	-	0.01522
Eln	MmuINT0056973	chr5	1.35E+08	1.35E+08	-	0.010989

Eln	MmuINT0056974	chr5	1.35E+08	1.35E+08	-	0.041711
Eln	MmuINT0056975	chr5	1.35E+08	1.35E+08	-	0.036131
Elof1	MmuINT0056976	chr9	21918124	21918251	-	0.003422
Elov1	MmuINT0056979	chr4	1.18E+08	1.18E+08	+	0.794308
Elov1	MmuINT0056980	chr4	1.18E+08	1.18E+08	+	0.074806
Elov1	MmuINT0056981	chr4	1.18E+08	1.18E+08	+	0.118022
Elov1	MmuINT0056982	chr4	1.18E+08	1.18E+08	+	0.088017
Elov1	MmuINT0056983	chr4	1.18E+08	1.18E+08	+	0.085769
Elov1	MmuINT0056984	chr4	1.18E+08	1.18E+08	+	0.043252
Elov1	MmuINT0056985	chr4	1.18E+08	1.18E+08	+	0.017573
Elov15	MmuINT0057000	chr9	77765334	77804947	+	0.01558
Elov15	MmuINT0057001	chr9	77805014	77808672	+	0.013149
Elov15	MmuINT0057002	chr9	77808861	77823591	+	0.016948
Elov15	MmuINT0057003	chr9	77823670	77824554	+	0.021493
Elov15	MmuINT0057004	chr9	77824727	77827631	+	0.055189
Elov15	MmuINT0057005	chr9	77827757	77829280	+	0.024134
Elov15	MmuINT0057006	chr9	77829416	77830471	+	0.016618
Elp2	MmuINT0057018	chr18	24762634	24765357	+	0.015372
Elp2	MmuINT0057019	chr18	24777680	24777882	+	0.022788
Elp2	MmuINT0057020	chr18	24778015	24780579	+	0.10008
Elp2	MmuINT0057021	chr18	24780739	24780979	+	0.008355
Elp2	MmuINT0057022	chr18	24781169	24784012	+	0.01202
Elp2	MmuINT0057023	chr18	24784080	24784625	+	0.013472
Elp2	MmuINT0057024	chr18	24784719	24784888	+	0.008967
Elp2	MmuINT0057025	chr18	24784947	24785495	+	0.001668
Elp2	MmuINT0057026	chr18	24785569	24789859	+	0.01832
Elp2	MmuINT0057027	chr18	24790053	24791259	+	0.042957
Elp2	MmuINT0057028	chr18	24791382	24792839	+	0.004019
Elp2	MmuINT0057029	chr18	24765437	24768130	+	0.019621
Elp2	MmuINT0057030	chr18	24792974	24793401	+	0.004518
Elp2	MmuINT0057031	chr18	24793510	24796894	+	0.006322
Elp2	MmuINT0057032	chr18	24768202	24770413	+	0.005187
Elp2	MmuINT0057033	chr18	24770571	24770948	+	0.024453
Elp2	MmuINT0057034	chr18	24771027	24772916	+	0.030659
Elp2	MmuINT0057035	chr18	24772982	24773661	+	0.050625
Elp2	MmuINT0057037	chr18	24774528	24775901	+	0.035688
Elp2	MmuINT0057038	chr18	24775998	24777578	+	0.113239
Elp3	MmuINT0057040	chr14	66170313	66178957	-	0.022856
Elp3	MmuINT0057041	chr14	66168323	66170221	-	0.009688
Elp3	MmuINT0057042	chr14	66166931	66168256	-	0.019575
Elp3	MmuINT0057043	chr14	66166053	66166702	-	0.005973
Elp3	MmuINT0057044	chr14	66150438	66165970	-	0.012774
Elp3	MmuINT0057045	chr14	66205234	66209342	-	0.010491
Elp3	MmuINT0057046	chr14	66201798	66205094	-	0.013854
Elp3	MmuINT0057047	chr14	66201016	66201726	-	0.012071
Elp3	MmuINT0057048	chr14	66199654	66200951	-	0.008812
Elp3	MmuINT0057049	chr14	66196917	66199584	-	0.009155
Elp3	MmuINT0057050	chr14	66184311	66196761	-	0.008152
Elp3	MmuINT0057051	chr14	66182216	66184148	-	0.006814
Elp3	MmuINT0057052	chr14	66179152	66182088	-	0.008809

Elp4	MmuINT0057053	chr2	1.06E+08	1.06E+08	-	0.027375
Elp4	MmuINT0057054	chr2	1.06E+08	1.06E+08	-	0.024945
Elp4	MmuINT0057055	chr2	1.06E+08	1.06E+08	-	0.016549
Elp4	MmuINT0057056	chr2	1.06E+08	1.06E+08	-	0.01959
Elp4	MmuINT0057057	chr2	1.06E+08	1.06E+08	-	0.017375
Elp4	MmuINT0057058	chr2	1.06E+08	1.06E+08	-	0.021022
Elp4	MmuINT0057059	chr2	1.06E+08	1.06E+08	-	0.015256
Elp4	MmuINT0057060	chr2	1.06E+08	1.06E+08	-	0.015155
Elp4	MmuINT0057061	chr2	1.06E+08	1.06E+08	-	0.016999
Eltd1	MmuINT0057062	chr3	1.51E+08	1.51E+08	+	0.009566
Eltd1	MmuINT0057063	chr3	1.51E+08	1.51E+08	+	0.012742
Eltd1	MmuINT0057064	chr3	1.51E+08	1.51E+08	+	0.01031
Eltd1	MmuINT0057065	chr3	1.51E+08	1.51E+08	+	0.008992
Eltd1	MmuINT0057066	chr3	1.51E+08	1.51E+08	+	0.0134
Eltd1	MmuINT0057067	chr3	1.51E+08	1.51E+08	+	0.019336
Eltd1	MmuINT0057068	chr3	1.51E+08	1.51E+08	+	0.03071
Eltd1	MmuINT0057072	chr3	1.51E+08	1.51E+08	+	0.014404
Eltd1	MmuINT0057073	chr3	1.51E+08	1.51E+08	+	0.016878
Eltd1	MmuINT0057074	chr3	1.51E+08	1.51E+08	+	0.00992
Eltd1	MmuINT0057075	chr3	1.51E+08	1.51E+08	+	0.010397
Eltd1	MmuINT0057076	chr3	1.51E+08	1.51E+08	+	0.007115
Emcn	MmuINT0057087	chr3	1.37E+08	1.37E+08	+	0.005781
Emcn	MmuINT0057088	chr3	1.37E+08	1.37E+08	+	0.006769
Emcn	MmuINT0057089	chr3	1.37E+08	1.37E+08	+	0.008687
Emcn	MmuINT0057090	chr3	1.37E+08	1.37E+08	+	0.008319
Emcn	MmuINT0057091	chr3	1.37E+08	1.37E+08	+	0.050673
Emcn	MmuINT0057092	chr3	1.37E+08	1.37E+08	+	0.008574
Emcn	MmuINT0057093	chr3	1.37E+08	1.37E+08	+	0.008091
Emcn	MmuINT0057094	chr3	1.37E+08	1.37E+08	+	0.01587
Emcn	MmuINT0057095	chr3	1.37E+08	1.37E+08	+	0.011089
Emcn	MmuINT0057096	chr3	1.37E+08	1.37E+08	+	0.013394
Emd	MmuINT0057097	chrX	71500373	71500546	+	0.005495
Emd	MmuINT0057098	chrX	71500655	71500791	+	0.003486
Emd	MmuINT0057099	chrX	71500870	71501081	+	0.013109
Emd	MmuINT0057100	chrX	71501216	71502216	+	0.00898
Emd	MmuINT0057101	chrX	71502264	71502345	+	0.00812
Eme2	MmuINT0057110	chr17	25031653	25031765	-	0.133588
Eme2	MmuINT0057111	chr17	25031169	25031515	-	0.134463
Eme2	MmuINT0057112	chr17	25030588	25031075	-	0.039979
Eme2	MmuINT0057113	chr17	25030344	25030495	-	0.163615
Eme2	MmuINT0057114	chr17	25030100	25030249	-	0.098361
Eme2	MmuINT0057115	chr17	25029890	25029983	-	0.070972
Eme2	MmuINT0057116	chr17	25029629	25029699	-	0.189826
Emg1	MmuINT0057117	chr6	1.25E+08	1.25E+08	-	0.016942
Emg1	MmuINT0057118	chr6	1.25E+08	1.25E+08	-	0.024795
Emg1	MmuINT0057119	chr6	1.25E+08	1.25E+08	-	0.060921
Emg1	MmuINT0057120	chr6	1.25E+08	1.25E+08	-	0.054235
Emilin1	MmuINT0057147	chr5	31216418	31217354	+	0.067046
Emilin1	MmuINT0057148	chr5	31217481	31217889	+	0.031712
Emilin1	MmuINT0057149	chr5	31218111	31219306	+	0.023496

Emilin1	MmuINT0057150	chr5	31221233	31221628	+	0.051149
Emilin1	MmuINT0057151	chr5	31221746	31222303	+	0.158034
Emilin1	MmuINT0057152	chr5	31222322	31222452	+	0.088581
Emilin1	MmuINT0057153	chr5	31222591	31222987	+	0.052163
Emilin2	MmuINT0057154	chr17	71659612	71660057	-	0.018256
Emilin2	MmuINT0057155	chr17	71630190	71659488	-	0.005283
Emilin2	MmuINT0057156	chr17	71624628	71630013	-	0.004819
Emilin2	MmuINT0057157	chr17	71606033	71622713	-	0.036671
Emilin2	MmuINT0057158	chr17	71605353	71605663	-	0.010869
Emilin2	MmuINT0057159	chr17	71604588	71605319	-	0.015915
Emilin2	MmuINT0057160	chr17	71602434	71604458	-	0.007182
Eml1	MmuINT0057165	chr12	1.1E+08	1.1E+08	+	0.003565
Eml1	MmuINT0057166	chr12	1.1E+08	1.1E+08	+	0.004487
Eml1	MmuINT0057167	chr12	1.1E+08	1.1E+08	+	0.002971
Eml1	MmuINT0057168	chr12	1.1E+08	1.1E+08	+	0.002961
Eml1	MmuINT0057169	chr12	1.1E+08	1.1E+08	+	0.006335
Eml1	MmuINT0057170	chr12	1.1E+08	1.1E+08	+	0.006836
Eml1	MmuINT0057171	chr12	1.1E+08	1.1E+08	+	0.007345
Eml1	MmuINT0057172	chr12	1.1E+08	1.1E+08	+	0.008773
Eml1	MmuINT0057173	chr12	1.1E+08	1.1E+08	+	0.006374
Eml1	MmuINT0057174	chr12	1.1E+08	1.1E+08	+	0.009001
Eml1	MmuINT0057175	chr12	1.1E+08	1.1E+08	+	0.005914
Eml1	MmuINT0057176	chr12	1.1E+08	1.1E+08	+	0.01487
Eml1	MmuINT0057177	chr12	1.1E+08	1.1E+08	+	0.013637
Eml1	MmuINT0057178	chr12	1.1E+08	1.1E+08	+	0.004844
Eml1	MmuINT0057179	chr12	1.1E+08	1.1E+08	+	0.004613
Eml1	MmuINT0057180	chr12	1.1E+08	1.1E+08	+	0.05512
Eml1	MmuINT0057181	chr12	1.1E+08	1.1E+08	+	0.014727
Eml1	MmuINT0057182	chr12	1.1E+08	1.1E+08	+	0.004782
Eml1	MmuINT0057183	chr12	1.1E+08	1.1E+08	+	0.005028
Eml1	MmuINT0057184	chr12	1.1E+08	1.1E+08	+	0.00738
Eml2	MmuINT0057186	chr7	19766573	19767057	+	0.077923
Eml2	MmuINT0057187	chr7	19781701	19781841	+	0.004493
Eml2	MmuINT0057188	chr7	19781968	19785848	+	0.011353
Eml2	MmuINT0057189	chr7	19785981	19786472	+	0.009438
Eml2	MmuINT0057190	chr7	19786541	19786913	+	0.009962
Eml2	MmuINT0057191	chr7	19787003	19787178	+	0.011195
Eml2	MmuINT0057192	chr7	19787277	19787857	+	0.015573
Eml2	MmuINT0057193	chr7	19787946	19788325	+	0.006251
Eml2	MmuINT0057194	chr7	19788422	19789250	+	0.008255
Eml2	MmuINT0057195	chr7	19789382	19791434	+	0.003775
Eml2	MmuINT0057197	chr7	19771521	19771609	+	0.007544
Eml2	MmuINT0057198	chr7	19771721	19776066	+	0.007979
Eml2	MmuINT0057199	chr7	19776163	19776932	+	0.005135
Eml2	MmuINT0057200	chr7	19777068	19779357	+	0.004591
Eml2	MmuINT0057201	chr7	19779458	19781545	+	0.00483
Eml3	MmuINT0057202	chr19	9004443	9005288	+	0.103478
Eml3	MmuINT0057203	chr19	9009537	9010793	+	0.123563
Eml3	MmuINT0057204	chr19	9010950	9011108	+	0.2917
Eml3	MmuINT0057205	chr19	9011251	9011618	+	0.243196

Eml3	MmuINT0057206	chr19	9011771	9011851	+	0.124737
Eml3	MmuINT0057207	chr19	9011978	9012052	+	0.085104
Eml3	MmuINT0057208	chr19	9012185	9012951	+	0.346987
Eml3	MmuINT0057209	chr19	9013020	9013517	+	0.421885
Eml3	MmuINT0057210	chr19	9013607	9013677	+	0.22608
Eml3	MmuINT0057211	chr19	9013776	9013906	+	0.189835
Eml3	MmuINT0057212	chr19	9013995	9015068	+	0.142073
Eml3	MmuINT0057213	chr19	9005461	9005533	+	0.049978
Eml3	MmuINT0057214	chr19	9015168	9015392	+	0.185385
Eml3	MmuINT0057215	chr19	9015524	9015619	+	0.125807
Eml3	MmuINT0057216	chr19	9005795	9005879	+	0.029971
Eml3	MmuINT0057217	chr19	9005994	9007731	+	0.115046
Eml3	MmuINT0057218	chr19	9007800	9007912	+	0.108452
Eml3	MmuINT0057219	chr19	9008037	9008259	+	0.167343
Eml3	MmuINT0057220	chr19	9008431	9008576	+	0.234746
Eml3	MmuINT0057221	chr19	9008647	9008731	+	0.068026
Eml3	MmuINT0057222	chr19	9008843	9009440	+	0.087498
Eml4	MmuINT0057230	chr17	83850121	83850278	+	0.053553
Eml4	MmuINT0057231	chr17	83850415	83853740	+	0.049071
Eml4	MmuINT0057232	chr17	83853893	83855371	+	0.044778
Eml4	MmuINT0057233	chr17	83855498	83855581	+	0.057498
Eml4	MmuINT0057236	chr17	83860958	83862837	+	0.057664
Eml4	MmuINT0057237	chr17	83862936	83872385	+	0.052067
Eml4	MmuINT0057238	chr17	83872474	83872989	+	0.064067
Eml4	MmuINT0057241	chr17	83876675	83877045	+	0.036099
Eml4	MmuINT0057245	chr17	83840786	83843968	+	0.08229
Eml4	MmuINT0057248	chr17	83847596	83849985	+	0.062552
Eml5	MmuINT0057259	chr12	1E+08	1E+08	-	0.054318
Eml5	MmuINT0057261	chr12	1E+08	1E+08	-	0.046362
Eml5	MmuINT0057264	chr12	1E+08	1E+08	-	0.155312
Eml5	MmuINT0057266	chr12	1E+08	1E+08	-	0.061638
Eml5	MmuINT0057268	chr12	1E+08	1E+08	-	0.060097
Eml5	MmuINT0057272	chr12	1E+08	1E+08	-	0.054125
Eml5	MmuINT0057273	chr12	1E+08	1E+08	-	0.048979
Eml5	MmuINT0057274	chr12	1E+08	1E+08	-	0.090681
Eml5	MmuINT0057275	chr12	1E+08	1E+08	-	0.086308
Eml5	MmuINT0057276	chr12	1E+08	1E+08	-	0.049084
Eml5	MmuINT0057277	chr12	1E+08	1E+08	-	0.36958
Eml5	MmuINT0057278	chr12	1E+08	1E+08	-	0.136017
Eml5	MmuINT0057279	chr12	1E+08	1E+08	-	0.075725
Eml5	MmuINT0057280	chr12	1E+08	1E+08	-	0.090819
Eml5	MmuINT0057281	chr12	1E+08	1E+08	-	0.147582
Eml5	MmuINT0057283	chr12	1E+08	1E+08	-	0.097401
Eml5	MmuINT0057284	chr12	1E+08	1E+08	-	0.128676
Eml5	MmuINT0057286	chr12	1E+08	1E+08	-	0.131597
Eml6	MmuINT0057326	chr11	29646349	29646757	-	0.064596
Emp1	MmuINT0057333	chr6	1.35E+08	1.35E+08	+	0.011916
Emp1	MmuINT0057334	chr6	1.35E+08	1.35E+08	+	0.017719
Emp1	MmuINT0057335	chr6	1.35E+08	1.35E+08	+	0.008191
Emp1	MmuINT0057336	chr6	1.35E+08	1.35E+08	+	0.015921



Emp2	MmuINT0057337	chr16	10292518	10313904	-	0.006058
Emp2	MmuINT0057338	chr16	10288254	10292354	-	0.006703
Emp2	MmuINT0057339	chr16	10285695	10288147	-	0.004304
Emp2	MmuINT0057340	chr16	10284709	10285547	-	0.003793
Emp3	MmuINT0057342	chr7	53175775	53176611	-	0.057052
Emp3	MmuINT0057343	chr7	53175408	53175658	-	0.02878
Emp3	MmuINT0057344	chr7	53174829	53175304	-	0.023686
Emp3	MmuINT0057345	chr7	53173606	53174687	-	0.185043
Emr1	MmuINT0057347	chr17	57553185	57558744	+	0.04753
Emr1	MmuINT0057348	chr17	57558829	57559769	+	0.055849
Emr1	MmuINT0057349	chr17	57559948	57580677	+	0.030257
Emr1	MmuINT0057350	chr17	57580795	57583320	+	0.037473
Emr1	MmuINT0057351	chr17	57583506	57584431	+	0.033873
Emr1	MmuINT0057352	chr17	57584603	57587252	+	0.025684
Emr1	MmuINT0057353	chr17	57587448	57589288	+	0.030354
Emr1	MmuINT0057354	chr17	57589525	57600115	+	0.038032
Emr1	MmuINT0057355	chr17	57600183	57615251	+	0.03659
Emr1	MmuINT0057356	chr17	57615344	57618194	+	0.044146
Emr1	MmuINT0057358	chr17	57618364	57620342	+	0.04536
Emr1	MmuINT0057359	chr17	57620448	57622537	+	0.051123
Emr1	MmuINT0057360	chr17	57541475	57541923	+	0.05931
Emr1	MmuINT0057361	chr17	57542080	57542164	+	0.045296
Emr1	MmuINT0057362	chr17	57542285	57546256	+	0.03399
Emr1	MmuINT0057363	chr17	57546404	57547768	+	0.042158
Emr1	MmuINT0057364	chr17	57547919	57550140	+	0.056918
Emr1	MmuINT0057365	chr17	57550282	57550367	+	0.046108
Emr1	MmuINT0057366	chr17	57550515	57553095	+	0.043629
Enah	MmuINT0057396	chr1	1.84E+08	1.84E+08	-	0.004596
Enah	MmuINT0057397	chr1	1.84E+08	1.84E+08	-	0.003961
Enah	MmuINT0057398	chr1	1.84E+08	1.84E+08	-	0.256907
Enah	MmuINT0057399	chr1	1.84E+08	1.84E+08	-	0.008134
Enah	MmuINT0057400	chr1	1.84E+08	1.84E+08	-	0.004719
Enah	MmuINT0057401	chr1	1.84E+08	1.84E+08	-	0.003024
Enah	MmuINT0057404	chr1	1.84E+08	1.84E+08	-	0.002119
Enah	MmuINT0057405	chr1	1.84E+08	1.84E+08	-	0.016162
Enah	MmuINT0057406	chr1	1.84E+08	1.84E+08	-	0.004751
Enah	MmuINT0057407	chr1	1.84E+08	1.84E+08	-	0.002668
Enc1	MmuINT0057418	chr13	98016740	98020491	+	0.114896
Endod1	MmuINT0057419	chr9	14162332	14185114	-	0.060497
Endog	MmuINT0057420	chr2	30027587	30028361	+	0.010451
Endou	MmuINT0057426	chr15	97549392	97549944	-	0.087543
Endou	MmuINT0057427	chr15	97545041	97549191	-	0.129047
Endou	MmuINT0057428	chr15	97544319	97544926	-	0.464029
Endou	MmuINT0057429	chr15	97543532	97544211	-	0.088064
Endou	MmuINT0057430	chr15	97542601	97543388	-	0.218141
Eng	MmuINT0057431	chr2	32533482	32533975	+	0.054885
Eng	MmuINT0057432	chr2	32534093	32534410	+	0.171218
Eng	MmuINT0057433	chr2	32534663	32535800	+	0.040996
Eng	MmuINT0057434	chr2	32535856	32536715	+	0.011993
Eng	MmuINT0057435	chr2	32536818	32536956	+	0.048229

Eng	MmuINT0057436	chr2	32513191	32524942	+	0.005072
Eng	MmuINT0057437	chr2	32525084	32526861	+	0.00304
Eng	MmuINT0057438	chr2	32527028	32527737	+	0.013133
Eng	MmuINT0057439	chr2	32527904	32528356	+	0.007921
Eng	MmuINT0057440	chr2	32528478	32528769	+	0.005866
Eng	MmuINT0057441	chr2	32528945	32529111	+	0.023384
Eng	MmuINT0057442	chr2	32529255	32533072	+	0.050433
Eng	MmuINT0057443	chr2	32533211	32533442	+	0.009517
Engase	MmuINT0057447	chr11	1.18E+08	1.18E+08	+	0.124692
Engase	MmuINT0057453	chr11	1.18E+08	1.18E+08	+	0.069336
Engase	MmuINT0057454	chr11	1.18E+08	1.18E+08	+	0.039384
Enho	MmuINT0057458	chr4	41586035	41586946	-	0.010391
Eno3	MmuINT0057485	chr11	70475573	70475715	+	0.00124
Eno3	MmuINT0057486	chr11	70475775	70475864	+	0.000422
Eno3	MmuINT0057487	chr11	70471461	70471666	+	0.000803
Eno3	MmuINT0057488	chr11	70471763	70471890	+	0.000203
Eno3	MmuINT0057489	chr11	70471950	70472096	+	0.000934
Eno3	MmuINT0057490	chr11	70472167	70472529	+	0.003813
Eno3	MmuINT0057491	chr11	70472664	70474161	+	0.004148
Eno3	MmuINT0057492	chr11	70474385	70474498	+	0.002929
Eno3	MmuINT0057493	chr11	70474697	70474890	+	0.00459
Eno3	MmuINT0057494	chr11	70475093	70475463	+	0.001479
Enoph1	MmuINT0057509	chr5	1E+08	1E+08	+	0.974231
Enoph1	MmuINT0057510	chr5	1E+08	1E+08	+	0.019774
Enoph1	MmuINT0057511	chr5	1E+08	1E+08	+	0.044181
Enoph1	MmuINT0057512	chr5	1E+08	1E+08	+	0.031809
Enox2	MmuINT0057531	chrX	46378522	46393692	-	0.024405
Enox2	MmuINT0057532	chrX	46376379	46378339	-	0.023369
Enox2	MmuINT0057533	chrX	46372072	46376270	-	0.042751
Enox2	MmuINT0057534	chrX	46366760	46371959	-	0.053777
Enox2	MmuINT0057536	chrX	46364812	46366309	-	0.096354
Enox2	MmuINT0057537	chrX	46521962	46640021	-	0.043306
Enox2	MmuINT0057538	chrX	46433929	46521817	-	0.046016
Enox2	MmuINT0057539	chrX	46422968	46433793	-	0.02652
Enox2	MmuINT0057540	chrX	46415527	46422811	-	0.021991
Enox2	MmuINT0057541	chrX	46409746	46415319	-	0.019421
Enox2	MmuINT0057542	chrX	46407099	46409511	-	0.024101
Enox2	MmuINT0057543	chrX	46405016	46406885	-	0.022812
Enox2	MmuINT0057544	chrX	46393808	46404908	-	0.037498
Enpep	MmuINT0057552	chr3	1.29E+08	1.29E+08	-	0.042164
Enpep	MmuINT0057555	chr3	1.29E+08	1.29E+08	-	0.029453
Enpp1	MmuINT0057573	chr10	24372693	24373708	-	0.058722
Enpp1	MmuINT0057576	chr10	24369180	24371050	-	0.05277
Enpp1	MmuINT0057578	chr10	24367092	24367822	-	0.051532
Enpp1	MmuINT0057580	chr10	24361783	24365083	-	0.046102
Enpp3	MmuINT0057628	chr10	24493879	24494588	-	0.051747
Enpp4	MmuINT0057637	chr17	44238431	44238755	-	0.008692
Enpp4	MmuINT0057638	chr17	44236627	44238259	-	0.01047
Enpp5	MmuINT0057639	chr17	44215932	44217595	+	0.025005
Enpp5	MmuINT0057640	chr17	44218460	44219692	+	0.01076

Enpp5	MmuINT0057641	chr17	44219870	44222153	+	0.443409
Ensa	MmuINT0057654	chr3	95429099	95430670	+	0.00395
Ensa	MmuINT0057655	chr3	95430797	95432462	+	0.015632
Entpd1	MmuINT0057661	chr19	40734391	40785652	+	0.046267
Entpd1	MmuINT0057662	chr19	40785781	40794946	+	0.037825
Entpd1	MmuINT0057663	chr19	40795065	40797576	+	0.027041
Entpd1	MmuINT0057664	chr19	40797728	40799414	+	0.030592
Entpd1	MmuINT0057665	chr19	40799575	40800511	+	0.031994
Entpd1	MmuINT0057666	chr19	40800749	40801777	+	0.021492
Entpd1	MmuINT0057667	chr19	40802039	40808156	+	0.039711
Entpd1	MmuINT0057668	chr19	40808277	40811239	+	0.052179
Entpd1	MmuINT0057669	chr19	40811375	40813312	+	0.019662
Entpd2	MmuINT0057672	chr2	25253672	25253810	+	0.058636
Entpd2	MmuINT0057673	chr2	25253971	25254051	+	0.055298
Entpd2	MmuINT0057674	chr2	25254280	25254801	+	0.019289
Entpd2	MmuINT0057675	chr2	25255057	25255136	+	0.149262
Entpd2	MmuINT0057676	chr2	25255257	25256083	+	0.084267
Entpd2	MmuINT0057677	chr2	25256219	25256289	+	0.056593
Entpd4	MmuINT0057688	chr14	69955346	69965542	+	0.003191
Entpd4	MmuINT0057689	chr14	69980021	69981624	+	0.0103
Entpd4	MmuINT0057690	chr14	69981711	69982379	+	0.011558
Entpd4	MmuINT0057691	chr14	69982542	69983576	+	0.010416
Entpd4	MmuINT0057692	chr14	69965652	69967129	+	0.008203
Entpd4	MmuINT0057693	chr14	69967328	69968759	+	0.004066
Entpd4	MmuINT0057694	chr14	69968966	69972458	+	0.002888
Entpd4	MmuINT0057695	chr14	69972610	69973450	+	0.002231
Entpd4	MmuINT0057696	chr14	69973555	69974769	+	0.001715
Entpd4	MmuINT0057697	chr14	69974830	69975051	+	0.001888
Entpd4	MmuINT0057698	chr14	69975207	69976878	+	0.019018
Entpd4	MmuINT0057699	chr14	69977046	69979695	+	0.001174
Entpd5	MmuINT0057703	chr12	85725271	85726097	-	0.018406
Entpd5	MmuINT0057704	chr12	85723323	85725168	-	0.719318
Entpd5	MmuINT0057705	chr12	85721328	85723181	-	0.002243
Entpd5	MmuINT0057706	chr12	85720246	85721270	-	0.001536
Entpd5	MmuINT0057707	chr12	85718331	85720129	-	0.002816
Entpd5	MmuINT0057708	chr12	85737909	85746355	-	0.052003
Entpd5	MmuINT0057709	chr12	85735654	85737628	-	0.014609
Entpd5	MmuINT0057710	chr12	85733500	85735573	-	0.00625
Entpd5	MmuINT0057711	chr12	85728006	85733355	-	0.009154
Entpd5	MmuINT0057712	chr12	85727724	85727929	-	0.012402
Entpd5	MmuINT0057713	chr12	85727177	85727687	-	0.009684
Entpd5	MmuINT0057714	chr12	85726827	85727087	-	0.009292
Entpd5	MmuINT0057715	chr12	85726160	85726746	-	0.014754
Entpd6	MmuINT0057716	chr2	1.51E+08	1.51E+08	+	0.02261
Entpd6	MmuINT0057717	chr2	1.51E+08	1.51E+08	+	0.016273
Entpd6	MmuINT0057718	chr2	1.51E+08	1.51E+08	+	0.028175
Entpd6	MmuINT0057719	chr2	1.51E+08	1.51E+08	+	0.042109
Entpd6	MmuINT0057720	chr2	1.51E+08	1.51E+08	+	0.054752
Entpd6	MmuINT0057721	chr2	1.51E+08	1.51E+08	+	0.014525
Entpd6	MmuINT0057723	chr2	1.51E+08	1.51E+08	+	0.010888

Entpd6	MmuINT0057725	chr2	1.51E+08	1.51E+08	+	0.152914
Entpd6	MmuINT0057726	chr2	1.51E+08	1.51E+08	+	0.03993
Entpd6	MmuINT0057727	chr2	1.51E+08	1.51E+08	+	0.017917
Entpd6	MmuINT0057728	chr2	1.51E+08	1.51E+08	+	0.014745
Eny2	MmuINT0057751	chr15	44264055	44265444	+	0.076514
Ep300	MmuINT0057758	chr15	81417153	81431337	+	0.026277
Ep300	MmuINT0057759	chr15	81451667	81453877	+	0.022469
Ep300	MmuINT0057760	chr15	81453956	81454954	+	0.024444
Ep300	MmuINT0057761	chr15	81455065	81456767	+	0.023535
Ep300	MmuINT0057762	chr15	81456906	81457532	+	0.016253
Ep300	MmuINT0057763	chr15	81457965	81458722	+	0.011416
Ep300	MmuINT0057764	chr15	81458903	81459022	+	0.014349
Ep300	MmuINT0057765	chr15	81459168	81460430	+	0.019721
Ep300	MmuINT0057766	chr15	81460550	81462043	+	0.014401
Ep300	MmuINT0057767	chr15	81462284	81462853	+	0.024895
Ep300	MmuINT0057768	chr15	81462943	81464433	+	0.039918
Ep300	MmuINT0057769	chr15	81431976	81438626	+	0.017444
Ep300	MmuINT0057770	chr15	81464515	81466607	+	0.039844
Ep300	MmuINT0057771	chr15	81466665	81467195	+	0.033934
Ep300	MmuINT0057772	chr15	81467274	81469409	+	0.027742
Ep300	MmuINT0057773	chr15	81469478	81470170	+	0.014398
Ep300	MmuINT0057774	chr15	81470322	81470424	+	0.020476
Ep300	MmuINT0057775	chr15	81470572	81470869	+	0.017769
Ep300	MmuINT0057776	chr15	81470984	81471689	+	0.019071
Ep300	MmuINT0057777	chr15	81471856	81473456	+	0.010278
Ep300	MmuINT0057778	chr15	81473622	81475304	+	0.027989
Ep300	MmuINT0057779	chr15	81475467	81478768	+	0.034195
Ep300	MmuINT0057780	chr15	81438804	81440784	+	0.01883
Ep300	MmuINT0057781	chr15	81479051	81479231	+	0.013145
Ep300	MmuINT0057782	chr15	81441047	81441839	+	0.025811
Ep300	MmuINT0057783	chr15	81441954	81443599	+	0.033863
Ep300	MmuINT0057784	chr15	81443846	81446461	+	0.021085
Ep300	MmuINT0057785	chr15	81446556	81447155	+	0.02131
Ep300	MmuINT0057786	chr15	81447294	81450429	+	0.022024
Ep300	MmuINT0057787	chr15	81450548	81451491	+	0.014734
Ep400	MmuINT0057790	chr5	1.11E+08	1.11E+08	-	0.047906
Ep400	MmuINT0057793	chr5	1.11E+08	1.11E+08	-	0.029583
Ep400	MmuINT0057794	chr5	1.11E+08	1.11E+08	-	0.029828
Ep400	MmuINT0057795	chr5	1.11E+08	1.11E+08	-	0.028624
Ep400	MmuINT0057796	chr5	1.11E+08	1.11E+08	-	0.021003
Ep400	MmuINT0057797	chr5	1.11E+08	1.11E+08	-	0.036238
Ep400	MmuINT0057798	chr5	1.11E+08	1.11E+08	-	0.02323
Ep400	MmuINT0057799	chr5	1.11E+08	1.11E+08	-	0.024847
Ep400	MmuINT0057801	chr5	1.11E+08	1.11E+08	-	0.030115
Ep400	MmuINT0057804	chr5	1.11E+08	1.11E+08	-	0.031705
Ep400	MmuINT0057805	chr5	1.11E+08	1.11E+08	-	0.0411
Ep400	MmuINT0057806	chr5	1.11E+08	1.11E+08	-	0.034725
Ep400	MmuINT0057807	chr5	1.11E+08	1.11E+08	-	0.061632
Ep400	MmuINT0057808	chr5	1.11E+08	1.11E+08	-	0.029291
Ep400	MmuINT0057809	chr5	1.11E+08	1.11E+08	-	0.025209

Ep400	MmuINT0057810	chr5	1.11E+08	1.11E+08	-	0.024826
Ep400	MmuINT0057811	chr5	1.11E+08	1.11E+08	-	0.023516
Ep400	MmuINT0057813	chr5	1.11E+08	1.11E+08	-	0.016934
Ep400	MmuINT0057814	chr5	1.11E+08	1.11E+08	-	0.025644
Ep400	MmuINT0057815	chr5	1.11E+08	1.11E+08	-	0.025517
Ep400	MmuINT0057820	chr5	1.11E+08	1.11E+08	-	0.021733
Ep400	MmuINT0057821	chr5	1.11E+08	1.11E+08	-	0.024183
Ep400	MmuINT0057822	chr5	1.11E+08	1.11E+08	-	0.073351
Ep400	MmuINT0057823	chr5	1.11E+08	1.11E+08	-	0.104318
Ep400	MmuINT0057825	chr5	1.11E+08	1.11E+08	-	0.094457
Ep400	MmuINT0057826	chr5	1.11E+08	1.11E+08	-	0.033144
Ep400	MmuINT0057827	chr5	1.11E+08	1.11E+08	-	0.029525
Ep400	MmuINT0057828	chr5	1.11E+08	1.11E+08	-	0.014244
Ep400	MmuINT0057829	chr5	1.11E+08	1.11E+08	-	0.027245
Ep400	MmuINT0057830	chr5	1.11E+08	1.11E+08	-	0.074437
Ep400	MmuINT0057831	chr5	1.11E+08	1.11E+08	-	0.027085
Ep400	MmuINT0057832	chr5	1.11E+08	1.11E+08	-	0.01985
Ep400	MmuINT0057833	chr5	1.11E+08	1.11E+08	-	0.039028
Ep400	MmuINT0057835	chr5	1.11E+08	1.11E+08	-	0.087401
Ep400	MmuINT0057836	chr5	1.11E+08	1.11E+08	-	0.025469
Epas1	MmuINT0057840	chr17	87153649	87196455	+	0.00562
Epas1	MmuINT0057841	chr17	87225111	87225844	+	0.003934
Epas1	MmuINT0057842	chr17	87225956	87226831	+	0.007369
Epas1	MmuINT0057843	chr17	87227338	87228029	+	0.002337
Epas1	MmuINT0057844	chr17	87228157	87228325	+	0.002782
Epas1	MmuINT0057845	chr17	87228441	87228649	+	0.006898
Epas1	MmuINT0057846	chr17	87228824	87230290	+	0.008621
Epas1	MmuINT0057847	chr17	87196647	87204532	+	0.001477
Epas1	MmuINT0057848	chr17	87204685	87205096	+	0.001666
Epas1	MmuINT0057849	chr17	87205182	87208697	+	0.011356
Epas1	MmuINT0057850	chr17	87208817	87208923	+	0.001674
Epas1	MmuINT0057851	chr17	87209130	87217694	+	0.001898
Epas1	MmuINT0057852	chr17	87217802	87223019	+	0.008715
Epas1	MmuINT0057853	chr17	87223168	87223746	+	0.001598
Epas1	MmuINT0057854	chr17	87223962	87224919	+	0.005887
Epb4.1	MmuINT0057858	chr4	1.32E+08	1.32E+08	-	0.003359
Epb4.1	MmuINT0057859	chr4	1.32E+08	1.32E+08	-	0.003353
Epb4.1	MmuINT0057863	chr4	1.32E+08	1.32E+08	-	0.010372
Epb4.1	MmuINT0057864	chr4	1.31E+08	1.32E+08	-	0.10406
Epb4.1	MmuINT0057865	chr4	1.31E+08	1.31E+08	-	0.005755
Epb4.1	MmuINT0057866	chr4	1.31E+08	1.31E+08	-	0.004372
Epb4.1	MmuINT0057867	chr4	1.31E+08	1.31E+08	-	0.007595
Epb4.1	MmuINT0057868	chr4	1.31E+08	1.31E+08	-	0.007747
Epb4.1	MmuINT0057869	chr4	1.32E+08	1.32E+08	-	0.003729
Epb4.1	MmuINT0057870	chr4	1.32E+08	1.32E+08	-	0.009346
Epb4.1	MmuINT0057871	chr4	1.32E+08	1.32E+08	-	0.012372
Epb4.1	MmuINT0057872	chr4	1.32E+08	1.32E+08	-	0.007433
Epb4.1	MmuINT0057873	chr4	1.32E+08	1.32E+08	-	0.02686
Epb4.1	MmuINT0057874	chr4	1.32E+08	1.32E+08	-	0.005931
Epb4.1	MmuINT0057875	chr4	1.32E+08	1.32E+08	-	0.004114

Epb4.1l1	MmuINT0057881	chr2	1.56E+08	1.56E+08	+	0.051533
Epb4.1l1	MmuINT0057882	chr2	1.56E+08	1.56E+08	+	0.044843
Epb4.1l1	MmuINT0057885	chr2	1.56E+08	1.56E+08	+	0.106143
Epb4.1l1	MmuINT0057886	chr2	1.56E+08	1.56E+08	+	0.092354
Epb4.1l1	MmuINT0057887	chr2	1.56E+08	1.56E+08	+	0.045312
Epb4.1l1	MmuINT0057888	chr2	1.56E+08	1.56E+08	+	0.063307
Epb4.1l1	MmuINT0057889	chr2	1.56E+08	1.56E+08	+	0.056928
Epb4.1l1	MmuINT0057890	chr2	1.56E+08	1.56E+08	+	0.039417
Epb4.1l1	MmuINT0057891	chr2	1.56E+08	1.56E+08	+	0.045673
Epb4.1l1	MmuINT0057892	chr2	1.56E+08	1.56E+08	+	0.035166
Epb4.1l1	MmuINT0057893	chr2	1.56E+08	1.56E+08	+	0.037921
Epb4.1l1	MmuINT0057894	chr2	1.56E+08	1.56E+08	+	0.05317
Epb4.1l1	MmuINT0057896	chr2	1.56E+08	1.56E+08	+	0.057016
Epb4.1l1	MmuINT0057897	chr2	1.56E+08	1.56E+08	+	0.046902
Epb4.1l1	MmuINT0057898	chr2	1.56E+08	1.56E+08	+	0.050454
Epb4.1l1	MmuINT0057899	chr2	1.56E+08	1.56E+08	+	0.046892
Epb4.1l1	MmuINT0057900	chr2	1.56E+08	1.56E+08	+	0.054707
Epb4.1l2	MmuINT0057902	chr10	25199572	25204013	+	0.015007
Epb4.1l2	MmuINT0057903	chr10	25204187	25208756	+	0.01401
Epb4.1l2	MmuINT0057904	chr10	25208900	25213372	+	0.057621
Epb4.1l2	MmuINT0057905	chr10	25213436	25215250	+	0.033791
Epb4.1l2	MmuINT0057906	chr10	25215398	25221629	+	0.141213
Epb4.1l2	MmuINT0057907	chr10	25222194	25223942	+	0.044782
Epb4.1l2	MmuINT0057908	chr10	25224066	25225980	+	0.057722
Epb4.1l2	MmuINT0057909	chr10	25226080	25227582	+	0.013464
Epb4.1l2	MmuINT0057910	chr10	25227664	25232778	+	0.008623
Epb4.1l2	MmuINT0057911	chr10	25232888	25242102	+	0.016799
Epb4.1l2	MmuINT0057912	chr10	25161864	25163547	+	0.008798
Epb4.1l2	MmuINT0057913	chr10	25163761	25180597	+	0.013216
Epb4.1l2	MmuINT0057914	chr10	25180703	25187901	+	0.025712
Epb4.1l2	MmuINT0057915	chr10	25187945	25189001	+	0.042064
Epb4.1l2	MmuINT0057916	chr10	25189078	25191224	+	0.031221
Epb4.1l2	MmuINT0057917	chr10	25191444	25192881	+	0.015926
Epb4.1l2	MmuINT0057918	chr10	25192970	25198814	+	0.022215
Epb4.1l2	MmuINT0057919	chr10	25198968	25199473	+	0.016629
Epb4.1l4a	MmuINT0057943	chr18	34019274	34020799	-	0.035245
Epb4.1l4a	MmuINT0057945	chr18	33992340	34013889	-	0.024751
Epb4.1l4a	MmuINT0057947	chr18	33987872	33988380	-	0.033231
Epb4.1l4a	MmuINT0057950	chr18	33969993	33984112	-	0.024597
Epb4.1l4a	MmuINT0057952	chr18	34081589	34165638	-	0.065088
Epb4.1l4a	MmuINT0057953	chr18	33961294	33962166	-	0.036381
Epb4.1l4a	MmuINT0057954	chr18	33958456	33961224	-	0.052357
Epb4.1l4a	MmuINT0057955	chr18	33958244	33958344	-	0.041013
Epb4.1l4a	MmuINT0057956	chr18	33957125	33958161	-	0.038878
Epb4.1l5	MmuINT0057993	chr1	1.21E+08	1.21E+08	-	0.065096
Epc1	MmuINT0058030	chr18	6462990	6515862	-	0.060551
Epc1	MmuINT0058031	chr18	6441242	6448902	-	0.140123
Epc1	MmuINT0058032	chr18	6440189	6441119	-	0.047933
Epc1	MmuINT0058033	chr18	6439954	6440046	-	0.008485
Epc1	MmuINT0058034	chr18	6455333	6462829	-	0.020987

Epc1	MmuINT0058035	chr18	6454392	6455186	-	0.015835
Epc1	MmuINT0058036	chr18	6453656	6454184	-	0.013715
Epc1	MmuINT0058037	chr18	6452391	6453506	-	0.031548
Epc1	MmuINT0058038	chr18	6450638	6452230	-	0.062105
Epc1	MmuINT0058039	chr18	6450385	6450463	-	0.043786
Epc1	MmuINT0058040	chr18	6450216	6450294	-	0.020293
Epc1	MmuINT0058041	chr18	6449256	6450066	-	0.011938
Epc2	MmuINT0058043	chr2	49307479	49344208	+	0.015517
Epc2	MmuINT0058044	chr2	49392689	49401228	+	0.021292
Epc2	MmuINT0058045	chr2	49401366	49402965	+	0.023101
Epc2	MmuINT0058046	chr2	49403126	49403950	+	0.012647
Epc2	MmuINT0058047	chr2	49404285	49405445	+	0.009497
Epc2	MmuINT0058048	chr2	49344369	49368734	+	0.011191
Epc2	MmuINT0058049	chr2	49368881	49377990	+	0.023732
Epc2	MmuINT0058050	chr2	49378198	49384367	+	0.013628
Epc2	MmuINT0058051	chr2	49384517	49385530	+	0.015617
Epc2	MmuINT0058052	chr2	49385664	49387563	+	0.033145
Epc2	MmuINT0058053	chr2	49387756	49390774	+	0.035857
Epc2	MmuINT0058054	chr2	49390865	49392095	+	0.021333
Epc2	MmuINT0058055	chr2	49392245	49392344	+	0.017366
Epdr1	MmuINT0058065	chr13	19686525	19711162	-	0.020478
Epdr1	MmuINT0058066	chr13	19685218	19686315	-	0.050149
Epha1	MmuINT0058078	chr6	42309091	42310543	-	0.655234
Epha1	MmuINT0058079	chr6	42308846	42308934	-	0.237503
Epha2	MmuINT0058090	chr4	1.41E+08	1.41E+08	+	0.04761
Epha2	MmuINT0058091	chr4	1.41E+08	1.41E+08	+	0.029471
Epha2	MmuINT0058092	chr4	1.41E+08	1.41E+08	+	0.051058
Epha2	MmuINT0058093	chr4	1.41E+08	1.41E+08	+	0.045206
Epha2	MmuINT0058094	chr4	1.41E+08	1.41E+08	+	0.03727
Epha2	MmuINT0058095	chr4	1.41E+08	1.41E+08	+	0.035909
Epha2	MmuINT0058096	chr4	1.41E+08	1.41E+08	+	0.047751
Epha2	MmuINT0058097	chr4	1.41E+08	1.41E+08	+	0.182537
Epha2	MmuINT0058098	chr4	1.41E+08	1.41E+08	+	0.063339
Epha2	MmuINT0058099	chr4	1.41E+08	1.41E+08	+	0.048912
Epha2	MmuINT0058100	chr4	1.41E+08	1.41E+08	+	0.037504
Epha2	MmuINT0058101	chr4	1.41E+08	1.41E+08	+	0.027446
Epha2	MmuINT0058102	chr4	1.41E+08	1.41E+08	+	0.033133
Epha2	MmuINT0058103	chr4	1.41E+08	1.41E+08	+	0.059471
Epha2	MmuINT0058104	chr4	1.41E+08	1.41E+08	+	0.085984
Epha2	MmuINT0058105	chr4	1.41E+08	1.41E+08	+	0.043521
Epha4	MmuINT0058130	chr1	77366247	77369484	-	0.006435
Ephb3	MmuINT0058236	chr16	21220616	21220719	+	0.04427
Ephb3	MmuINT0058237	chr16	21220968	21221357	+	0.069503
Ephb3	MmuINT0058238	chr16	21221574	21221699	+	0.024916
Ephb3	MmuINT0058239	chr16	21221850	21221937	+	0.050314
Ephb3	MmuINT0058240	chr16	21222132	21222221	+	0.032219
Ephb3	MmuINT0058241	chr16	21222378	21222480	+	0.026752
Ephb3	MmuINT0058244	chr16	21217425	21218087	+	0.022965
Ephb3	MmuINT0058245	chr16	21218439	21218567	+	0.031163
Ephb3	MmuINT0058247	chr16	21219027	21219111	+	0.037281

Ephb3	MmuINT0058248	chr16	21219221	21219527	+	0.050679
Ephb3	MmuINT0058249	chr16	21219581	21220492	+	0.038944
Ephb4	MmuINT0058250	chr5	1.38E+08	1.38E+08	+	0.025407
Ephb4	MmuINT0058251	chr5	1.38E+08	1.38E+08	+	0.008419
Ephb4	MmuINT0058252	chr5	1.38E+08	1.38E+08	+	0.008523
Ephb4	MmuINT0058253	chr5	1.38E+08	1.38E+08	+	0.009023
Ephb4	MmuINT0058254	chr5	1.38E+08	1.38E+08	+	0.01145
Ephb4	MmuINT0058255	chr5	1.38E+08	1.38E+08	+	0.005924
Ephb4	MmuINT0058256	chr5	1.38E+08	1.38E+08	+	0.007471
Ephb4	MmuINT0058257	chr5	1.38E+08	1.38E+08	+	0.038648
Ephb4	MmuINT0058258	chr5	1.38E+08	1.38E+08	+	0.00909
Ephb4	MmuINT0058259	chr5	1.38E+08	1.38E+08	+	0.011687
Ephb4	MmuINT0058260	chr5	1.38E+08	1.38E+08	+	0.010213
Ephb4	MmuINT0058261	chr5	1.38E+08	1.38E+08	+	0.008217
Ephb4	MmuINT0058263	chr5	1.38E+08	1.38E+08	+	0.034075
Ephb4	MmuINT0058264	chr5	1.38E+08	1.38E+08	+	0.00421
Ephx1	MmuINT0058281	chr1	1.83E+08	1.83E+08	-	0.019009
Ephx1	MmuINT0058282	chr1	1.83E+08	1.83E+08	-	0.006093
Ephx1	MmuINT0058283	chr1	1.83E+08	1.83E+08	-	0.009766
Ephx1	MmuINT0058284	chr1	1.83E+08	1.83E+08	-	0.004757
Ephx1	MmuINT0058285	chr1	1.83E+08	1.83E+08	-	0.125715
Ephx1	MmuINT0058286	chr1	1.83E+08	1.83E+08	-	0.0728
Ephx1	MmuINT0058287	chr1	1.83E+08	1.83E+08	-	0.008284
Ephx1	MmuINT0058288	chr1	1.83E+08	1.83E+08	-	0.005266
Ephx2	MmuINT0058289	chr14	66735633	66743171	-	0.003912
Ephx2	MmuINT0058290	chr14	66713661	66714522	-	0.005804
Ephx2	MmuINT0058291	chr14	66711748	66713574	-	0.001016
Ephx2	MmuINT0058292	chr14	66708418	66711635	-	0.001493
Ephx2	MmuINT0058293	chr14	66707171	66708342	-	0.00755
Ephx2	MmuINT0058294	chr14	66705905	66707136	-	0.003151
Ephx2	MmuINT0058295	chr14	66705141	66705801	-	0.000791
Ephx2	MmuINT0058296	chr14	66704214	66705070	-	0.000762
Ephx2	MmuINT0058297	chr14	66703827	66704132	-	0.007619
Ephx2	MmuINT0058298	chr14	66703598	66703767	-	0.00426
Ephx2	MmuINT0058299	chr14	66729113	66735547	-	0.001282
Ephx2	MmuINT0058300	chr14	66727005	66728952	-	0.000495
Ephx2	MmuINT0058301	chr14	66726174	66726813	-	0.0009
Ephx2	MmuINT0058302	chr14	66722632	66726050	-	0.003722
Ephx2	MmuINT0058303	chr14	66721080	66722562	-	0.00205
Ephx2	MmuINT0058304	chr14	66720509	66720983	-	0.00325
Ephx2	MmuINT0058305	chr14	66717676	66720429	-	0.003
Ephx2	MmuINT0058306	chr14	66714550	66717640	-	0.02109
Epm2a	MmuINT0058319	chr10	11063567	11110608	+	0.007465
Epm2a	MmuINT0058320	chr10	11110784	11168439	+	0.00696
Epm2a	MmuINT0058321	chr10	11168682	11176937	+	0.008594
Epn1	MmuINT0058322	chr7	5032080	5033619	+	0.071687
Epn1	MmuINT0058323	chr7	5047577	5048755	+	0.047999
Epn1	MmuINT0058324	chr7	5049014	5049173	+	0.002481
Epn1	MmuINT0058325	chr7	5033724	5035264	+	0.090849
Epn1	MmuINT0058326	chr7	5035585	5041520	+	0.003107



Epn1	MmuINT0058327	chr7	5041771	5044442	+	0.002263
Epn1	MmuINT0058328	chr7	5044568	5044913	+	0.049388
Epn1	MmuINT0058329	chr7	5044989	5045500	+	0.031075
Epn1	MmuINT0058330	chr7	5045585	5046555	+	0.014069
Epn1	MmuINT0058331	chr7	5046860	5047244	+	0.007532
Epn2	MmuINT0058333	chr11	61360414	61393068	-	0.011797
Epn2	MmuINT0058334	chr11	61348886	61359651	-	0.015037
Epn2	MmuINT0058337	chr11	61346195	61347072	-	0.013153
Epn2	MmuINT0058338	chr11	61336696	61346019	-	0.00968
Epn2	MmuINT0058339	chr11	61335995	61336530	-	0.013864
Epn2	MmuINT0058340	chr11	61335377	61335907	-	0.023492
Epn2	MmuINT0058341	chr11	61333210	61335160	-	0.082672
Epn3	MmuINT0058343	chr11	94356367	94357315	-	0.08014
Epn3	MmuINT0058344	chr11	94355488	94356247	-	0.017567
Epn3	MmuINT0058345	chr11	94355219	94355406	-	0.045836
Epn3	MmuINT0058346	chr11	94354264	94355086	-	0.037552
Epn3	MmuINT0058347	chr11	94353750	94354175	-	0.011034
Epn3	MmuINT0058348	chr11	94353340	94353479	-	0.009641
Epn3	MmuINT0058349	chr11	94353119	94353222	-	0.010828
Epn3	MmuINT0058350	chr11	94352794	94352884	-	0.005789
Eprs	MmuINT0058363	chr1	1.87E+08	1.87E+08	+	0.00481
Eprs	MmuINT0058364	chr1	1.87E+08	1.87E+08	+	0.003835
Eprs	MmuINT0058365	chr1	1.87E+08	1.87E+08	+	0.006865
Eprs	MmuINT0058366	chr1	1.87E+08	1.87E+08	+	0.004972
Eprs	MmuINT0058367	chr1	1.87E+08	1.87E+08	+	0.004027
Eprs	MmuINT0058368	chr1	1.87E+08	1.87E+08	+	0.004064
Eprs	MmuINT0058369	chr1	1.87E+08	1.87E+08	+	0.003378
Eprs	MmuINT0058370	chr1	1.87E+08	1.87E+08	+	0.003833
Eprs	MmuINT0058371	chr1	1.87E+08	1.87E+08	+	0.003663
Eprs	MmuINT0058372	chr1	1.87E+08	1.87E+08	+	0.003679
Eprs	MmuINT0058373	chr1	1.87E+08	1.87E+08	+	0.003218
Eprs	MmuINT0058374	chr1	1.87E+08	1.87E+08	+	0.004847
Eprs	MmuINT0058375	chr1	1.87E+08	1.87E+08	+	0.017123
Eprs	MmuINT0058376	chr1	1.87E+08	1.87E+08	+	0.0076
Eprs	MmuINT0058377	chr1	1.87E+08	1.87E+08	+	0.007103
Eprs	MmuINT0058378	chr1	1.87E+08	1.87E+08	+	0.01179
Eprs	MmuINT0058379	chr1	1.87E+08	1.87E+08	+	0.005558
Eprs	MmuINT0058380	chr1	1.87E+08	1.87E+08	+	0.003945
Eprs	MmuINT0058381	chr1	1.87E+08	1.87E+08	+	0.002936
Eprs	MmuINT0058382	chr1	1.87E+08	1.87E+08	+	0.003347
Eprs	MmuINT0058383	chr1	1.87E+08	1.87E+08	+	0.002136
Eprs	MmuINT0058384	chr1	1.87E+08	1.87E+08	+	0.005072
Eprs	MmuINT0058385	chr1	1.87E+08	1.87E+08	+	0.005123
Eprs	MmuINT0058386	chr1	1.87E+08	1.87E+08	+	0.010241
Eprs	MmuINT0058387	chr1	1.87E+08	1.87E+08	+	0.006807
Eprs	MmuINT0058388	chr1	1.87E+08	1.87E+08	+	0.004618
Eprs	MmuINT0058389	chr1	1.87E+08	1.87E+08	+	0.00502
Eprs	MmuINT0058390	chr1	1.87E+08	1.87E+08	+	0.005906
Eprs	MmuINT0058391	chr1	1.87E+08	1.87E+08	+	0.004356
Eprs	MmuINT0058392	chr1	1.87E+08	1.87E+08	+	0.003848

Eprs	MmuINT0058393	chr1	1.87E+08	1.87E+08	+	0.003995
Eps15	MmuINT0058394	chr4	1.09E+08	1.09E+08	+	0.025313
Eps15	MmuINT0058395	chr4	1.09E+08	1.09E+08	+	0.01102
Eps15	MmuINT0058396	chr4	1.09E+08	1.09E+08	+	0.010705
Eps15	MmuINT0058397	chr4	1.09E+08	1.09E+08	+	0.007902
Eps15	MmuINT0058398	chr4	1.09E+08	1.09E+08	+	0.033468
Eps15	MmuINT0058399	chr4	1.09E+08	1.09E+08	+	0.007051
Eps15	MmuINT0058400	chr4	1.09E+08	1.09E+08	+	0.012188
Eps15	MmuINT0058401	chr4	1.09E+08	1.09E+08	+	0.013908
Eps15	MmuINT0058402	chr4	1.09E+08	1.09E+08	+	0.040715
Eps15	MmuINT0058403	chr4	1.09E+08	1.09E+08	+	0.010665
Eps15	MmuINT0058404	chr4	1.09E+08	1.09E+08	+	0.03059
Eps15	MmuINT0058405	chr4	1.09E+08	1.09E+08	+	0.014125
Eps15	MmuINT0058406	chr4	1.09E+08	1.09E+08	+	0.012421
Eps15	MmuINT0058407	chr4	1.09E+08	1.09E+08	+	0.017361
Eps15	MmuINT0058408	chr4	1.09E+08	1.09E+08	+	0.033721
Eps15	MmuINT0058409	chr4	1.09E+08	1.09E+08	+	0.037117
Eps15	MmuINT0058410	chr4	1.09E+08	1.09E+08	+	0.021193
Eps15	MmuINT0058411	chr4	1.09E+08	1.09E+08	+	0.018859
Eps15	MmuINT0058412	chr4	1.09E+08	1.09E+08	+	0.017995
Eps15	MmuINT0058413	chr4	1.09E+08	1.09E+08	+	0.014146
Eps15	MmuINT0058414	chr4	1.09E+08	1.09E+08	+	0.028346
Eps15	MmuINT0058415	chr4	1.09E+08	1.09E+08	+	0.019524
Eps15	MmuINT0058416	chr4	1.09E+08	1.09E+08	+	0.506192
Eps15l1	MmuINT0058417	chr8	74924133	74945303	-	0.013653
Eps15l1	MmuINT0058418	chr8	74906736	74908665	-	0.027081
Eps15l1	MmuINT0058419	chr8	74906312	74906578	-	0.030194
Eps15l1	MmuINT0058420	chr8	74905389	74906225	-	0.006056
Eps15l1	MmuINT0058421	chr8	74904955	74905315	-	0.019743
Eps15l1	MmuINT0058422	chr8	74904206	74904792	-	0.006588
Eps15l1	MmuINT0058423	chr8	74903055	74904007	-	0.009138
Eps15l1	MmuINT0058424	chr8	74896976	74897721	-	0.010379
Eps15l1	MmuINT0058425	chr8	74895722	74896924	-	0.021678
Eps15l1	MmuINT0058426	chr8	74892672	74895584	-	0.009842
Eps15l1	MmuINT0058427	chr8	74923666	74924090	-	0.008662
Eps15l1	MmuINT0058428	chr8	74891886	74892610	-	0.019717
Eps15l1	MmuINT0058429	chr8	74882345	74891802	-	0.011631
Eps15l1	MmuINT0058430	chr8	74870071	74882211	-	0.138922
Eps15l1	MmuINT0058431	chr8	74865424	74869864	-	0.0169
Eps15l1	MmuINT0058432	chr8	74922953	74923575	-	0.012045
Eps15l1	MmuINT0058433	chr8	74920897	74922904	-	0.014222
Eps15l1	MmuINT0058434	chr8	74920196	74920800	-	0.007863
Eps15l1	MmuINT0058435	chr8	74915915	74920132	-	0.006988
Eps15l1	MmuINT0058436	chr8	74913367	74915788	-	0.010196
Eps15l1	MmuINT0058437	chr8	74910988	74913306	-	0.01264
Eps15l1	MmuINT0058438	chr8	74908824	74910759	-	0.012371
Eps8	MmuINT0058444	chr6	1.37E+08	1.37E+08	-	0.055095
Eps8	MmuINT0058445	chr6	1.37E+08	1.37E+08	-	0.04657
Eps8	MmuINT0058446	chr6	1.37E+08	1.37E+08	-	0.04283
Eps8	MmuINT0058447	chr6	1.37E+08	1.37E+08	-	0.060465

Eps8	MmuINT0058448	chr6	1.37E+08	1.37E+08	-	0.046916
Eps8	MmuINT0058449	chr6	1.37E+08	1.37E+08	-	0.055043
Eps8	MmuINT0058451	chr6	1.37E+08	1.37E+08	-	0.06243
Eps8	MmuINT0058452	chr6	1.37E+08	1.37E+08	-	0.035632
Eps8	MmuINT0058455	chr6	1.37E+08	1.37E+08	-	0.047191
Eps8	MmuINT0058456	chr6	1.37E+08	1.37E+08	-	0.043652
Eps8	MmuINT0058457	chr6	1.37E+08	1.37E+08	-	0.054051
Eps8	MmuINT0058459	chr6	1.37E+08	1.37E+08	-	0.046479
Eps8l1	MmuINT0058470	chr7	4430354	4430442	+	0.027565
Ept1	MmuINT0058524	chr5	30559356	30574008	+	0.032235
Ept1	MmuINT0058525	chr5	30574078	30574957	+	0.021395
Ept1	MmuINT0058526	chr5	30575067	30579255	+	0.016576
Ept1	MmuINT0058527	chr5	30579331	30582623	+	0.02076
Ept1	MmuINT0058528	chr5	30582887	30584257	+	0.046143
Ept1	MmuINT0058530	chr5	30589666	30590820	+	0.062098
Ept1	MmuINT0058531	chr5	30591002	30591883	+	0.028144
Ept1	MmuINT0058532	chr5	30592070	30593446	+	0.039919
Eral1	MmuINT0058552	chr11	77891892	77893578	-	0.01175
Eral1	MmuINT0058553	chr11	77891397	77891763	-	0.087521
Eral1	MmuINT0058554	chr11	77889782	77891318	-	0.032934
Eral1	MmuINT0058555	chr11	77889554	77889734	-	0.031383
Eral1	MmuINT0058556	chr11	77889337	77889491	-	0.044893
Eral1	MmuINT0058557	chr11	77889142	77889223	-	0.021123
Eral1	MmuINT0058558	chr11	77888130	77888892	-	0.010034
Eral1	MmuINT0058559	chr11	77887863	77887979	-	0.208323
Eral1	MmuINT0058560	chr11	77887677	77887781	-	0.04404
Erap1	MmuINT0058561	chr13	74777342	74783618	+	0.019481
Erap1	MmuINT0058562	chr13	74804238	74805405	+	0.011485
Erap1	MmuINT0058563	chr13	74805561	74806847	+	0.01382
Erap1	MmuINT0058564	chr13	74806928	74808755	+	0.010393
Erap1	MmuINT0058565	chr13	74808940	74810191	+	0.007274
Erap1	MmuINT0058566	chr13	74810349	74811042	+	0.008034
Erap1	MmuINT0058567	chr13	74811228	74812069	+	0.009571
Erap1	MmuINT0058568	chr13	74812232	74812710	+	0.006713
Erap1	MmuINT0058569	chr13	74812852	74813272	+	0.008696
Erap1	MmuINT0058570	chr13	74813355	74828021	+	0.008397
Erap1	MmuINT0058571	chr13	74784163	74795080	+	0.010605
Erap1	MmuINT0058572	chr13	74795220	74797717	+	0.009957
Erap1	MmuINT0058573	chr13	74797853	74799756	+	0.009839
Erap1	MmuINT0058574	chr13	74799878	74800856	+	0.017712
Erap1	MmuINT0058575	chr13	74801012	74801556	+	0.011287
Erap1	MmuINT0058576	chr13	74801671	74803546	+	0.011724
Erap1	MmuINT0058577	chr13	74803679	74803891	+	0.010379
Erap1	MmuINT0058578	chr13	74804024	74804165	+	0.017279
Erbb2	MmuINT0058580	chr11	98274050	98281402	+	0.053957
Erbb2	MmuINT0058581	chr11	98288291	98288373	+	0.048044
Erbb2	MmuINT0058582	chr11	98288465	98288569	+	0.038016
Erbb2	MmuINT0058583	chr11	98288770	98289227	+	0.052254
Erbb2	MmuINT0058584	chr11	98289361	98289449	+	0.065824
Erbb2	MmuINT0058585	chr11	98289541	98290137	+	0.051199

Erbb2	MmuINT0058586	chr11	98290299	98293030	+	0.047023
Erbb2	MmuINT0058587	chr11	98293079	98294224	+	0.048659
Erbb2	MmuINT0058588	chr11	98294364	98294444	+	0.102345
Erbb2	MmuINT0058589	chr11	98294568	98294712	+	0.088941
Erbb2	MmuINT0058590	chr11	98294812	98295205	+	0.03835
Erbb2	MmuINT0058591	chr11	98281555	98282178	+	0.032317
Erbb2	MmuINT0058592	chr11	98295392	98295527	+	0.021328
Erbb2	MmuINT0058593	chr11	98295684	98295813	+	0.03509
Erbb2	MmuINT0058594	chr11	98295890	98296115	+	0.049487
Erbb2	MmuINT0058595	chr11	98296263	98296588	+	0.047539
Erbb2	MmuINT0058596	chr11	98296687	98296838	+	0.128673
Erbb2	MmuINT0058597	chr11	98297028	98297242	+	0.024513
Erbb2	MmuINT0058598	chr11	98297496	98297626	+	0.020954
Erbb2	MmuINT0058599	chr11	98282396	98283368	+	0.046209
Erbb2	MmuINT0058600	chr11	98283504	98283837	+	0.044537
Erbb2	MmuINT0058601	chr11	98283907	98284068	+	0.074781
Erbb2	MmuINT0058602	chr11	98284185	98284308	+	0.044943
Erbb2	MmuINT0058603	chr11	98284451	98286053	+	0.035375
Erbb2	MmuINT0058604	chr11	98286174	98286410	+	0.040022
Erbb2	MmuINT0058605	chr11	98286538	98288216	+	0.062783
Erbb2ip	MmuINT0058607	chr13	1.05E+08	1.05E+08	-	0.010401
Erbb2ip	MmuINT0058608	chr13	1.05E+08	1.05E+08	-	0.014068
Erbb2ip	MmuINT0058609	chr13	1.05E+08	1.05E+08	-	0.010118
Erbb2ip	MmuINT0058610	chr13	1.05E+08	1.05E+08	-	0.026134
Erbb2ip	MmuINT0058612	chr13	1.05E+08	1.05E+08	-	0.01506
Erbb2ip	MmuINT0058613	chr13	1.05E+08	1.05E+08	-	0.009428
Erbb2ip	MmuINT0058614	chr13	1.05E+08	1.05E+08	-	0.010113
Erbb2ip	MmuINT0058615	chr13	1.05E+08	1.05E+08	-	0.017424
Erbb2ip	MmuINT0058616	chr13	1.05E+08	1.05E+08	-	0.015704
Erbb2ip	MmuINT0058617	chr13	1.05E+08	1.05E+08	-	0.015723
Erbb2ip	MmuINT0058618	chr13	1.05E+08	1.05E+08	-	0.009772
Erbb2ip	MmuINT0058621	chr13	1.05E+08	1.05E+08	-	0.066864
Erbb2ip	MmuINT0058622	chr13	1.05E+08	1.05E+08	-	0.008715
Erbb2ip	MmuINT0058623	chr13	1.05E+08	1.05E+08	-	0.008715
Erbb2ip	MmuINT0058624	chr13	1.05E+08	1.05E+08	-	0.014891
Erbb2ip	MmuINT0058625	chr13	1.05E+08	1.05E+08	-	0.017645
Erbb2ip	MmuINT0058627	chr13	1.05E+08	1.05E+08	-	0.017012
Erbb2ip	MmuINT0058628	chr13	1.05E+08	1.05E+08	-	0.025221
Erbb2ip	MmuINT0058629	chr13	1.05E+08	1.05E+08	-	0.012868
Erbb2ip	MmuINT0058630	chr13	1.05E+08	1.05E+08	-	0.015578
Erbb3	MmuINT0058634	chr10	1.28E+08	1.28E+08	-	0.04567
Erbb3	MmuINT0058636	chr10	1.28E+08	1.28E+08	-	0.061631
Erbb3	MmuINT0058640	chr10	1.28E+08	1.28E+08	-	0.029498
Erbb3	MmuINT0058644	chr10	1.28E+08	1.28E+08	-	0.024892
Erbb3	MmuINT0058646	chr10	1.28E+08	1.28E+08	-	0.045084
Erbb3	MmuINT0058647	chr10	1.28E+08	1.28E+08	-	0.026152
Erbb3	MmuINT0058648	chr10	1.28E+08	1.28E+08	-	0.031674
Erbb3	MmuINT0058649	chr10	1.28E+08	1.28E+08	-	0.041133
Erbb3	MmuINT0058650	chr10	1.28E+08	1.28E+08	-	0.054546
Erbb3	MmuINT0058651	chr10	1.28E+08	1.28E+08	-	0.038724

Erb3	MmuINT0058656	chr10	1.28E+08	1.28E+08	-	0.042301
Erb3	MmuINT0058671	chr1	68127370	68245415	-	0.052932
Erc1	MmuINT0058686	chr6	1.2E+08	1.2E+08	-	0.011894
Erc1	MmuINT0058687	chr6	1.2E+08	1.2E+08	-	0.011073
Erc1	MmuINT0058688	chr6	1.2E+08	1.2E+08	-	0.009337
Erc1	MmuINT0058689	chr6	1.2E+08	1.2E+08	-	0.05165
Erc1	MmuINT0058691	chr6	1.2E+08	1.2E+08	-	0.05048
Erc1	MmuINT0058692	chr6	1.2E+08	1.2E+08	-	0.010716
Erc1	MmuINT0058693	chr6	1.2E+08	1.2E+08	-	0.009476
Erc1	MmuINT0058694	chr6	1.2E+08	1.2E+08	-	0.009936
Erc1	MmuINT0058697	chr6	1.2E+08	1.2E+08	-	0.009939
Erc1	MmuINT0058698	chr6	1.2E+08	1.2E+08	-	0.011804
Erc1	MmuINT0058699	chr6	1.2E+08	1.2E+08	-	0.010529
Erc1	MmuINT0058700	chr6	1.2E+08	1.2E+08	-	0.014413
Erc1	MmuINT0058701	chr6	1.2E+08	1.2E+08	-	0.015004
Erc1	MmuINT0058702	chr6	1.2E+08	1.2E+08	-	0.013777
Erc1	MmuINT0058719	chr7	19930546	19930954	+	0.027677
Erc1	MmuINT0058720	chr7	19931067	19933749	+	0.017912
Erc1	MmuINT0058721	chr7	19933966	19935509	+	0.058802
Erc1	MmuINT0058722	chr7	19935614	19936041	+	0.023025
Erc1	MmuINT0058723	chr7	19936142	19937977	+	0.100779
Erc1	MmuINT0058724	chr7	19938055	19939674	+	0.092121
Erc1	MmuINT0058725	chr7	19940522	19940641	+	0.218116
Erc2	MmuINT0058727	chr7	19972596	19972677	+	0.027114
Erc2	MmuINT0058728	chr7	19972847	19973488	+	0.10432
Erc2	MmuINT0058729	chr7	19973608	19975455	+	0.062078
Erc2	MmuINT0058730	chr7	19975526	19975597	+	0.077557
Erc2	MmuINT0058731	chr7	19975668	19975747	+	0.086656
Erc2	MmuINT0058732	chr7	19975850	19976875	+	0.020173
Erc2	MmuINT0058733	chr7	19976940	19977313	+	0.026803
Erc2	MmuINT0058734	chr7	19977436	19978597	+	0.033596
Erc2	MmuINT0058735	chr7	19978691	19978781	+	0.160821
Erc2	MmuINT0058736	chr7	19978855	19978978	+	0.145255
Erc2	MmuINT0058737	chr7	19967728	19969292	+	0.038599
Erc2	MmuINT0058738	chr7	19979050	19979124	+	0.044422
Erc2	MmuINT0058739	chr7	19979269	19979387	+	0.024433
Erc2	MmuINT0058740	chr7	19979532	19979700	+	0.044831
Erc2	MmuINT0058741	chr7	19969371	19969447	+	0.076742
Erc2	MmuINT0058742	chr7	19969511	19969650	+	0.103287
Erc2	MmuINT0058743	chr7	19969765	19970971	+	0.042608
Erc2	MmuINT0058744	chr7	19971089	19971178	+	0.033492
Erc2	MmuINT0058745	chr7	19971296	19972055	+	0.24976
Erc2	MmuINT0058746	chr7	19972180	19972280	+	0.01798
Erc2	MmuINT0058747	chr7	19972378	19972461	+	0.059707
Erc3	MmuINT0058748	chr18	32400076	32400283	+	0.014428
Erc3	MmuINT0058749	chr18	32417047	32420955	+	0.026826
Erc3	MmuINT0058750	chr18	32421053	32424201	+	0.017374
Erc3	MmuINT0058751	chr18	32424320	32425271	+	0.012477
Erc3	MmuINT0058752	chr18	32425391	32426817	+	0.008905
Erc3	MmuINT0058753	chr18	32426971	32429411	+	0.014802

Ercc3	MmuINT0058754	chr18	32400490	32402617	+	0.023716
Ercc3	MmuINT0058755	chr18	32402855	32404452	+	0.022951
Ercc3	MmuINT0058756	chr18	32404503	32405142	+	0.02224
Ercc3	MmuINT0058757	chr18	32405279	32405405	+	0.025661
Ercc3	MmuINT0058758	chr18	32405574	32406220	+	0.010195
Ercc3	MmuINT0058759	chr18	32406426	32407816	+	0.018766
Ercc3	MmuINT0058760	chr18	32408132	32413734	+	0.009662
Ercc3	MmuINT0058761	chr18	32413920	32416843	+	0.008819
Ercc4	MmuINT0058762	chr16	13110235	13111823	+	0.035978
Ercc4	MmuINT0058763	chr16	13144607	13147618	+	0.051377
Ercc4	MmuINT0058765	chr16	13122285	13123426	+	0.024383
Ercc4	MmuINT0058766	chr16	13123635	13125343	+	0.053338
Ercc4	MmuINT0058767	chr16	13125525	13126487	+	0.054349
Ercc4	MmuINT0058768	chr16	13126617	13127647	+	0.022223
Ercc4	MmuINT0058769	chr16	13127759	13130226	+	0.028223
Ercc4	MmuINT0058770	chr16	13130828	13132950	+	0.066422
Ercc4	MmuINT0058771	chr16	13133044	13144493	+	0.050736
Ercc5	MmuINT0058772	chr1	44204996	44213781	+	0.096467
Ercc5	MmuINT0058773	chr1	44230877	44231006	+	0.027287
Ercc5	MmuINT0058774	chr1	44231221	44232683	+	0.037
Ercc5	MmuINT0058775	chr1	44232829	44235018	+	0.01728
Ercc5	MmuINT0058776	chr1	44235220	44235991	+	0.020856
Ercc5	MmuINT0058777	chr1	44236077	44237375	+	0.023632
Ercc5	MmuINT0058778	chr1	44213958	44214988	+	0.029513
Ercc5	MmuINT0058779	chr1	44215105	44215649	+	0.118674
Ercc5	MmuINT0058780	chr1	44215737	44217821	+	0.031825
Ercc5	MmuINT0058781	chr1	44217883	44218654	+	0.032239
Ercc5	MmuINT0058782	chr1	44218799	44220721	+	0.014093
Ercc5	MmuINT0058783	chr1	44220930	44223653	+	0.022942
Ercc5	MmuINT0058784	chr1	44224728	44230182	+	0.017365
Ercc5	MmuINT0058785	chr1	44230425	44230756	+	0.08984
Ercc6	MmuINT0058790	chr14	33379645	33379969	+	0.083796
Ercc6	MmuINT0058791	chr14	33380081	33380693	+	0.198688
Ercc6	MmuINT0058792	chr14	33380814	33381172	+	0.204797
Ercc6	MmuINT0058793	chr14	33381268	33382698	+	0.138084
Ercc6	MmuINT0058794	chr14	33382845	33382924	+	0.065051
Ercc6	MmuINT0058795	chr14	33383618	33387991	+	0.084383
Ercc6	MmuINT0058796	chr14	33388197	33388939	+	0.087062
Ercc6	MmuINT0058798	chr14	33389013	33389871	+	0.131004
Ercc6	MmuINT0058805	chr14	33371196	33371613	+	0.056107
Ercc8	MmuINT0058807	chr13	1.09E+08	1.09E+08	+	0.044622
Ercc8	MmuINT0058808	chr13	1.09E+08	1.09E+08	+	0.058946
Ercc8	MmuINT0058809	chr13	1.09E+08	1.09E+08	+	0.061248
Ercc8	MmuINT0058810	chr13	1.09E+08	1.09E+08	+	0.065094
Ercc8	MmuINT0058811	chr13	1.09E+08	1.09E+08	+	0.07133
Ercc8	MmuINT0058812	chr13	1.09E+08	1.09E+08	+	0.040404
Ercc8	MmuINT0058813	chr13	1.09E+08	1.09E+08	+	0.054981
Ercc8	MmuINT0058816	chr13	1.09E+08	1.09E+08	+	0.068896
Ercc8	MmuINT0058817	chr13	1.09E+08	1.09E+08	+	0.046151
Erf	MmuINT0058822	chr7	26031342	26035597	-	0.094648

Erf	MmuINT0058823	chr7	26030769	26031106	-	0.061768
Erf	MmuINT0058824	chr7	26030551	26030652	-	0.108306
Erg	MmuINT0058826	chr16	95582934	95590258	-	0.021121
Erg	MmuINT0058828	chr16	95611653	95631341	-	0.011776
Erg	MmuINT0058829	chr16	95601879	95611500	-	0.009886
Erg	MmuINT0058830	chr16	95600800	95601674	-	0.010268
Erg	MmuINT0058831	chr16	95598980	95600718	-	0.04715
Erg	MmuINT0058832	chr16	95591671	95598907	-	0.118103
Erg	MmuINT0058833	chr16	95590986	95591601	-	0.091589
Erg	MmuINT0058834	chr16	95590307	95590928	-	0.025045
Ergic1	MmuINT0058835	chr17	26698578	26745537	+	0.008481
Ergic1	MmuINT0058836	chr17	26745600	26751300	+	0.006664
Ergic1	MmuINT0058837	chr17	26751374	26761534	+	0.007404
Ergic1	MmuINT0058838	chr17	26761630	26766499	+	0.006688
Ergic1	MmuINT0058839	chr17	26766625	26771361	+	0.00893
Ergic1	MmuINT0058840	chr17	26771467	26772930	+	0.008033
Ergic1	MmuINT0058841	chr17	26772992	26775687	+	0.007308
Ergic1	MmuINT0058842	chr17	26775789	26778526	+	0.004144
Ergic1	MmuINT0058843	chr17	26778650	26792011	+	0.008051
Ergic2	MmuINT0058845	chr6	1.48E+08	1.48E+08	-	0.019978
Ergic2	MmuINT0058846	chr6	1.48E+08	1.48E+08	-	0.009778
Ergic2	MmuINT0058847	chr6	1.48E+08	1.48E+08	-	0.008105
Ergic2	MmuINT0058849	chr6	1.48E+08	1.48E+08	-	0.007705
Ergic2	MmuINT0058850	chr6	1.48E+08	1.48E+08	-	0.025433
Ergic2	MmuINT0058851	chr6	1.48E+08	1.48E+08	-	0.015599
Ergic2	MmuINT0058852	chr6	1.48E+08	1.48E+08	-	0.011859
Ergic2	MmuINT0058853	chr6	1.48E+08	1.48E+08	-	0.025245
Ergic2	MmuINT0058854	chr6	1.48E+08	1.48E+08	-	0.006057
Ergic2	MmuINT0058855	chr6	1.48E+08	1.48E+08	-	0.013373
Ergic2	MmuINT0058856	chr6	1.48E+08	1.48E+08	-	0.010793
Ergic3	MmuINT0058857	chr2	1.56E+08	1.56E+08	+	0.009275
Ergic3	MmuINT0058858	chr2	1.56E+08	1.56E+08	+	0.017223
Ergic3	MmuINT0058859	chr2	1.56E+08	1.56E+08	+	0.012687
Ergic3	MmuINT0058860	chr2	1.56E+08	1.56E+08	+	0.024624
Ergic3	MmuINT0058861	chr2	1.56E+08	1.56E+08	+	0.008726
Ergic3	MmuINT0058862	chr2	1.56E+08	1.56E+08	+	0.006592
Ergic3	MmuINT0058863	chr2	1.56E+08	1.56E+08	+	0.015156
Ergic3	MmuINT0058864	chr2	1.56E+08	1.56E+08	+	0.009498
Ergic3	MmuINT0058865	chr2	1.56E+08	1.56E+08	+	0.015734
Ergic3	MmuINT0058866	chr2	1.56E+08	1.56E+08	+	0.048007
Ergic3	MmuINT0058867	chr2	1.56E+08	1.56E+08	+	0.04367
Ergic3	MmuINT0058868	chr2	1.56E+08	1.56E+08	+	0.023157
Eri1	MmuINT0058872	chr8	36554434	36558325	-	0.026916
Eri1	MmuINT0058874	chr8	36541698	36545569	-	0.016151
Eri1	MmuINT0058876	chr8	36537566	36539512	-	0.055354
Eri1	MmuINT0058877	chr8	36532425	36537450	-	0.021264
Eri2	MmuINT0058882	chr7	1.27E+08	1.27E+08	-	0.912903
Eri3	MmuINT0058886	chr4	1.17E+08	1.17E+08	+	0.045848
Eri3	MmuINT0058887	chr4	1.17E+08	1.17E+08	+	0.067825
Eri3	MmuINT0058888	chr4	1.17E+08	1.17E+08	+	0.002937

Eri3	MmuINT0058889	chr4	1.17E+08	1.17E+08	+	0.003052
Eri3	MmuINT0058890	chr4	1.17E+08	1.17E+08	+	0.003634
Eri3	MmuINT0058891	chr4	1.17E+08	1.17E+08	+	0.00365
Eri3	MmuINT0058892	chr4	1.17E+08	1.17E+08	+	0.006022
Eri3	MmuINT0058893	chr4	1.17E+08	1.17E+08	+	0.015357
Erich1	MmuINT0058894	chr8	14078917	14090240	-	0.082531
Erich1	MmuINT0058896	chr8	14033765	14064204	-	0.020888
Erich1	MmuINT0058897	chr8	14030785	14033335	-	0.039283
Erich1	MmuINT0058898	chr8	14028154	14030592	-	0.049917
Erlec1	MmuINT0058899	chr11	30852677	30853913	-	0.004709
Erlec1	MmuINT0058900	chr11	30839622	30843038	-	0.023384
Erlec1	MmuINT0058901	chr11	30835060	30839496	-	0.006369
Erlec1	MmuINT0058902	chr11	30834748	30834981	-	0.005388
Erlec1	MmuINT0058903	chr11	30831849	30834671	-	0.023931
Erlec1	MmuINT0058904	chr11	30851388	30852571	-	0.005837
Erlec1	MmuINT0058905	chr11	30850819	30851306	-	0.005301
Erlec1	MmuINT0058906	chr11	30850624	30850740	-	0.007657
Erlec1	MmuINT0058907	chr11	30849978	30850559	-	0.0149
Erlec1	MmuINT0058908	chr11	30848524	30849942	-	0.011676
Erlec1	MmuINT0058909	chr11	30848209	30848299	-	0.002619
Erlec1	MmuINT0058910	chr11	30843861	30848078	-	0.003505
Erlec1	MmuINT0058911	chr11	30843099	30843698	-	0.007458
Erlin1	MmuINT0058913	chr19	44113743	44115236	-	0.064583
Erlin1	MmuINT0058914	chr19	44111639	44113662	-	0.022016
Erlin1	MmuINT0058915	chr19	44142172	44143761	-	0.045269
Erlin1	MmuINT0058916	chr19	44137556	44142089	-	0.052717
Erlin1	MmuINT0058918	chr19	44133667	44136332	-	0.064972
Erlin1	MmuINT0058919	chr19	44130686	44133540	-	0.050891
Erlin1	MmuINT0058921	chr19	44122217	44123611	-	0.043417
Erlin1	MmuINT0058922	chr19	44115327	44122124	-	0.037183
Erlin2	MmuINT0058923	chr8	28134379	28135528	+	0.07211
Erlin2	MmuINT0058924	chr8	28143948	28146485	+	0.014643
Erlin2	MmuINT0058925	chr8	28146566	28146904	+	0.007272
Erlin2	MmuINT0058926	chr8	28135651	28137640	+	0.015373
Erlin2	MmuINT0058927	chr8	28137723	28139370	+	0.01443
Erlin2	MmuINT0058928	chr8	28139418	28139810	+	0.022383
Erlin2	MmuINT0058929	chr8	28139873	28140015	+	0.012218
Erlin2	MmuINT0058930	chr8	28140142	28142169	+	0.018641
Erlin2	MmuINT0058931	chr8	28142244	28142398	+	0.029533
Erlin2	MmuINT0058932	chr8	28142458	28142705	+	0.033212
Erlin2	MmuINT0058933	chr8	28142798	28143857	+	0.045359
Ermp1	MmuINT0058950	chr19	29691210	29692307	-	0.028066
Ermp1	MmuINT0058951	chr19	29690329	29691006	-	0.026529
Ermp1	MmuINT0058952	chr19	29687423	29690212	-	0.029086
Ermp1	MmuINT0058953	chr19	29687170	29687258	-	0.027068
Ern1	MmuINT0058963	chr11	1.06E+08	1.06E+08	-	0.041806
Ern1	MmuINT0058964	chr11	1.06E+08	1.06E+08	-	0.034451
Ern1	MmuINT0058967	chr11	1.06E+08	1.06E+08	-	0.033841
Ern1	MmuINT0058968	chr11	1.06E+08	1.06E+08	-	0.036125
Ern1	MmuINT0058969	chr11	1.06E+08	1.06E+08	-	0.035114



Ern1	MmuINT0058970	chr11	1.06E+08	1.06E+08	-	0.025849
Ern1	MmuINT0058971	chr11	1.06E+08	1.06E+08	-	0.047832
Ern1	MmuINT0058972	chr11	1.06E+08	1.06E+08	-	0.030966
Ern1	MmuINT0058973	chr11	1.06E+08	1.06E+08	-	0.033363
Ern1	MmuINT0058974	chr11	1.06E+08	1.06E+08	-	0.048172
Ern1	MmuINT0058975	chr11	1.06E+08	1.06E+08	-	0.053427
Ern1	MmuINT0058978	chr11	1.06E+08	1.06E+08	-	0.056234
Ern1	MmuINT0058979	chr11	1.06E+08	1.06E+08	-	0.026115
Ern1	MmuINT0058980	chr11	1.06E+08	1.06E+08	-	0.02454
Ern1	MmuINT0058982	chr11	1.06E+08	1.06E+08	-	0.045902
Ero1l	MmuINT0059004	chr14	45926307	45938051	-	0.026804
Ero1l	MmuINT0059006	chr14	45912853	45913978	-	0.021291
Ero1l	MmuINT0059007	chr14	45912107	45912605	-	0.016872
Ero1l	MmuINT0059008	chr14	45907738	45912036	-	0.087694
Ero1l	MmuINT0059009	chr14	45907542	45907650	-	0.01526
Ero1l	MmuINT0059010	chr14	45905764	45907407	-	0.012343
Ero1l	MmuINT0059011	chr14	45925008	45926186	-	0.024098
Ero1l	MmuINT0059012	chr14	45923263	45924923	-	0.026965
Ero1l	MmuINT0059013	chr14	45921598	45923223	-	0.034756
Ero1l	MmuINT0059014	chr14	45921442	45921523	-	0.02543
Ero1l	MmuINT0059015	chr14	45919638	45921367	-	0.025817
Ero1l	MmuINT0059016	chr14	45918759	45919516	-	0.023641
Erp29	MmuINT0059040	chr5	1.22E+08	1.22E+08	-	0.048184
Erp29	MmuINT0059041	chr5	1.22E+08	1.22E+08	-	0.023535
Erp44	MmuINT0059042	chr4	48256422	48292255	-	0.00633
Erp44	MmuINT0059043	chr4	48209778	48217015	-	0.004529
Erp44	MmuINT0059044	chr4	48207582	48209674	-	0.006162
Erp44	MmuINT0059045	chr4	48254208	48256348	-	0.015326
Erp44	MmuINT0059046	chr4	48249861	48254167	-	0.018948
Erp44	MmuINT0059047	chr4	48232400	48249744	-	0.004574
Erp44	MmuINT0059048	chr4	48231069	48232214	-	0.005036
Erp44	MmuINT0059049	chr4	48224580	48230952	-	0.005807
Erp44	MmuINT0059050	chr4	48221686	48224521	-	0.008183
Erp44	MmuINT0059051	chr4	48218102	48221568	-	0.005448
Erp44	MmuINT0059052	chr4	48217158	48217989	-	0.006043
Errfi1	MmuINT0059053	chr4	1.5E+08	1.5E+08	+	0.041949
Errfi1	MmuINT0059054	chr4	1.5E+08	1.5E+08	+	0.037248
Errfi1	MmuINT0059055	chr4	1.5E+08	1.5E+08	+	0.068192
Esam	MmuINT0059057	chr9	37335876	37339072	+	0.016201
Esam	MmuINT0059058	chr9	37339261	37341737	+	0.024215
Esam	MmuINT0059059	chr9	37341940	37342122	+	0.01679
Esam	MmuINT0059060	chr9	37342279	37344182	+	0.223307
Esam	MmuINT0059061	chr9	37344306	37344590	+	0.166789
Esam	MmuINT0059062	chr9	37344718	37345048	+	0.025196
Esco1	MmuINT0059063	chr18	10596440	10610023	-	0.089261
Esco1	MmuINT0059065	chr18	10595874	10596336	-	0.07191
Esco1	MmuINT0059066	chr18	10588549	10593743	-	0.05087
Esco1	MmuINT0059067	chr18	10586040	10588436	-	0.014776
Esco1	MmuINT0059068	chr18	10584361	10585975	-	0.016177
Esco1	MmuINT0059070	chr18	10577089	10582052	-	0.017444

Esd	MmuINT0059083	chr14	75132196	75135766	+	0.005552
Esd	MmuINT0059089	chr14	75144554	75145356	+	0.000871
Esd	MmuINT0059090	chr14	75145525	75149451	+	0.000595
Esf1	MmuINT0059091	chr2	1.4E+08	1.4E+08	-	0.022276
Esf1	MmuINT0059092	chr2	1.4E+08	1.4E+08	-	0.02274
Esf1	MmuINT0059093	chr2	1.4E+08	1.4E+08	-	0.039386
Esf1	MmuINT0059094	chr2	1.4E+08	1.4E+08	-	0.019236
Esf1	MmuINT0059095	chr2	1.4E+08	1.4E+08	-	0.015493
Esf1	MmuINT0059096	chr2	1.4E+08	1.4E+08	-	0.011864
Esf1	MmuINT0059097	chr2	1.4E+08	1.4E+08	-	0.012191
Esf1	MmuINT0059098	chr2	1.4E+08	1.4E+08	-	0.013315
Esf1	MmuINT0059099	chr2	1.4E+08	1.4E+08	-	0.02762
Esf1	MmuINT0059100	chr2	1.4E+08	1.4E+08	-	0.018783
Esf1	MmuINT0059101	chr2	1.4E+08	1.4E+08	-	0.019493
Esf1	MmuINT0059102	chr2	1.4E+08	1.4E+08	-	0.016641
Esf1	MmuINT0059103	chr2	1.4E+08	1.4E+08	-	0.012571
Esr1	MmuINT0059181	chr10	5407330	5489347	-	0.000017
Esr1	MmuINT0059182	chr10	5377383	5407190	-	0.00001
Esr1	MmuINT0059183	chr10	5348712	5377248	-	0.000011
Esr1	MmuINT0059184	chr10	5345353	5348527	-	0.00001
Esrra	MmuINT0059225	chr19	6988686	6994552	-	0.074542
Esrra	MmuINT0059226	chr19	6988439	6988568	-	0.002016
Esrra	MmuINT0059227	chr19	6987374	6988309	-	0.00199
Esrra	MmuINT0059228	chr19	6987115	6987205	-	0.001513
Esrra	MmuINT0059229	chr19	6986501	6986844	-	0.001146
Esrrb	MmuINT0059230	chr12	87702489	87811095	+	0.020952
Esrrb	MmuINT0059231	chr12	87811506	87829496	+	0.007566
Esrrb	MmuINT0059232	chr12	87829614	87846764	+	0.0111
Esrrb	MmuINT0059233	chr12	87846876	87847298	+	0.011735
Esrrb	MmuINT0059234	chr12	87847461	87855230	+	0.013188
Esrrb	MmuINT0059235	chr12	87855501	87859770	+	0.037849
Esrrg	MmuINT0059239	chr1	1.9E+08	1.9E+08	+	0.00851
Esrrg	MmuINT0059240	chr1	1.9E+08	1.9E+08	+	0.008766
Esyt1	MmuINT0059247	chr10	1.28E+08	1.28E+08	-	0.09071
Esyt1	MmuINT0059248	chr10	1.28E+08	1.28E+08	-	0.019606
Esyt1	MmuINT0059249	chr10	1.28E+08	1.28E+08	-	0.018483
Esyt1	MmuINT0059250	chr10	1.28E+08	1.28E+08	-	0.017204
Esyt1	MmuINT0059251	chr10	1.28E+08	1.28E+08	-	0.015737
Esyt1	MmuINT0059252	chr10	1.28E+08	1.28E+08	-	0.016076
Esyt1	MmuINT0059253	chr10	1.28E+08	1.28E+08	-	0.02026
Esyt1	MmuINT0059254	chr10	1.28E+08	1.28E+08	-	0.038416
Esyt1	MmuINT0059255	chr10	1.28E+08	1.28E+08	-	0.027519
Esyt1	MmuINT0059256	chr10	1.28E+08	1.28E+08	-	0.064335
Esyt1	MmuINT0059257	chr10	1.28E+08	1.28E+08	-	0.025038
Esyt1	MmuINT0059258	chr10	1.28E+08	1.28E+08	-	0.016687
Esyt1	MmuINT0059259	chr10	1.28E+08	1.28E+08	-	0.043439
Esyt1	MmuINT0059260	chr10	1.28E+08	1.28E+08	-	0.02996
Esyt1	MmuINT0059261	chr10	1.28E+08	1.28E+08	-	0.010072
Esyt1	MmuINT0059262	chr10	1.28E+08	1.28E+08	-	0.056537
Esyt1	MmuINT0059264	chr10	1.28E+08	1.28E+08	-	0.075852



Etfb	MmuINT0059347	chr7	50699575	50707710	+	0.000891
Etfb	MmuINT0059348	chr7	50707870	50708168	+	0.000826
Etfb	MmuINT0059349	chr7	50708328	50709887	+	0.001321
Etfb	MmuINT0059350	chr7	50709951	50711848	+	0.002047
Etfb	MmuINT0059351	chr7	50712008	50712939	+	0.001702
Etfdh	MmuINT0059352	chr3	79427601	79432439	-	0.000989
Etfdh	MmuINT0059353	chr3	79409735	79413720	-	0.001094
Etfdh	MmuINT0059354	chr3	79409049	79409551	-	0.001816
Etfdh	MmuINT0059355	chr3	79408088	79408826	-	0.000977
Etfdh	MmuINT0059356	chr3	79426890	79427462	-	0.000201
Etfdh	MmuINT0059357	chr3	79422843	79426659	-	0.003143
Etfdh	MmuINT0059358	chr3	79422348	79422760	-	0.001558
Etfdh	MmuINT0059359	chr3	79419924	79422228	-	0.002573
Etfdh	MmuINT0059360	chr3	79419069	79419845	-	0.001508
Etfdh	MmuINT0059361	chr3	79417685	79418921	-	0.000559
Etfdh	MmuINT0059362	chr3	79415978	79417543	-	0.000445
Etfdh	MmuINT0059363	chr3	79413890	79415833	-	0.000327
Ethe1	MmuINT0059365	chr7	25379031	25379436	+	0.004462
Ethe1	MmuINT0059366	chr7	25379582	25380018	+	0.003437
Ethe1	MmuINT0059367	chr7	25380168	25391223	+	0.010522
Ethe1	MmuINT0059368	chr7	25391354	25392886	+	0.006463
Ethe1	MmuINT0059369	chr7	25392977	25393370	+	0.003903
Ethe1	MmuINT0059370	chr7	25393488	25393741	+	0.004811
Etl4	MmuINT0059372	chr2	20688239	20699652	+	0.007988
Etl4	MmuINT0059373	chr2	20699829	20702568	+	0.010567
Etl4	MmuINT0059374	chr2	20702700	20703424	+	0.009726
Etl4	MmuINT0059375	chr2	20707128	20710054	+	0.019584
Etl4	MmuINT0059376	chr2	20710239	20719503	+	0.011763
Etl4	MmuINT0059377	chr2	20719659	20720242	+	0.009767
Etl4	MmuINT0059378	chr2	20720411	20723168	+	0.056347
Etl4	MmuINT0059380	chr2	20727290	20727401	+	0.035174
Etl4	MmuINT0059382	chr2	20729001	20729528	+	0.198218
Etl4	MmuINT0059383	chr2	20729652	20730336	+	0.074897
Etl4	MmuINT0059385	chr2	20583724	20631031	+	0.021463
Etl4	MmuINT0059386	chr2	20631231	20634981	+	0.022482
Etl4	MmuINT0059390	chr2	20681892	20688071	+	0.011792
Etnk1	MmuINT0059396	chr6	1.43E+08	1.43E+08	+	0.01512
Etnk1	MmuINT0059397	chr6	1.43E+08	1.43E+08	+	0.012227
Etnk1	MmuINT0059398	chr6	1.43E+08	1.43E+08	+	0.013246
Etnk1	MmuINT0059399	chr6	1.43E+08	1.43E+08	+	0.056347
Etnk1	MmuINT0059400	chr6	1.43E+08	1.43E+08	+	0.018852
Etnk1	MmuINT0059401	chr6	1.43E+08	1.43E+08	+	0.052779
Etnk1	MmuINT0059402	chr6	1.43E+08	1.43E+08	+	0.047817
Etohd2	MmuINT0059410	chr13	59871708	59872287	+	0.146692
Ets1	MmuINT0059414	chr9	32504051	32536259	+	0.011137
Ets1	MmuINT0059415	chr9	32536380	32537639	+	0.022425
Ets1	MmuINT0059416	chr9	32537841	32540533	+	0.011587
Ets1	MmuINT0059417	chr9	32540612	32541524	+	0.009626
Ets1	MmuINT0059418	chr9	32541774	32545683	+	0.014534
Ets1	MmuINT0059419	chr9	32545945	32560383	+	0.009435

Ets1	MmuINT0059420	chr9	32560503	32561797	+	0.012879
Ets2	MmuINT0059421	chr16	95924252	95928027	+	0.006957
Ets2	MmuINT0059422	chr16	95928100	95931378	+	0.011376
Ets2	MmuINT0059423	chr16	95931491	95933262	+	0.004716
Ets2	MmuINT0059424	chr16	95933383	95933692	+	0.008776
Ets2	MmuINT0059425	chr16	95933894	95935943	+	0.020703
Ets2	MmuINT0059426	chr16	95936028	95936573	+	0.00478
Ets2	MmuINT0059427	chr16	95936793	95937640	+	0.027283
Ets2	MmuINT0059428	chr16	95937905	95939454	+	0.009131
Ets2	MmuINT0059429	chr16	95939574	95940529	+	0.00685
Etv3	MmuINT0059448	chr3	87329582	87331179	+	0.085061
Etv3	MmuINT0059449	chr3	87332030	87333145	+	0.021822
Etv3	MmuINT0059450	chr3	87333262	87339432	+	0.064343
Etv5	MmuINT0059463	chr16	22436634	22439589	-	0.043942
Etv5	MmuINT0059467	chr16	22436362	22436510	-	0.022291
Etv5	MmuINT0059469	chr16	22436001	22436092	-	0.038118
Etv5	MmuINT0059471	chr16	22411994	22412917	-	0.024194
Etv6	MmuINT0059475	chr6	1.34E+08	1.34E+08	+	0.061557
Etv6	MmuINT0059476	chr6	1.34E+08	1.34E+08	+	0.019402
Etv6	MmuINT0059477	chr6	1.34E+08	1.34E+08	+	0.043656
Etv6	MmuINT0059478	chr6	1.34E+08	1.34E+08	+	0.026149
Etv6	MmuINT0059479	chr6	1.34E+08	1.34E+08	+	0.018121
Etv6	MmuINT0059480	chr6	1.34E+08	1.34E+08	+	0.022865
Etv6	MmuINT0059481	chr6	1.34E+08	1.34E+08	+	0.027653
Evc	MmuINT0059492	chr5	37692163	37692796	-	0.060517
Evc2	MmuINT0059505	chr5	37778379	37783231	+	0.041043
Evc2	MmuINT0059508	chr5	37801701	37806965	+	0.029387
Evc2	MmuINT0059510	chr5	37808732	37810362	+	0.207169
Evc2	MmuINT0059511	chr5	37810566	37813076	+	0.040243
Evc2	MmuINT0059512	chr5	37813179	37815647	+	0.049755
Evi5	MmuINT0059523	chr5	1.08E+08	1.08E+08	-	0.009639
Evi5	MmuINT0059526	chr5	1.08E+08	1.08E+08	-	0.012312
Evi5	MmuINT0059527	chr5	1.08E+08	1.08E+08	-	0.006089
Evi5	MmuINT0059529	chr5	1.08E+08	1.08E+08	-	0.009155
Evi5	MmuINT0059533	chr5	1.08E+08	1.08E+08	-	0.012005
Evi5	MmuINT0059534	chr5	1.08E+08	1.08E+08	-	0.027866
Evi5	MmuINT0059535	chr5	1.08E+08	1.08E+08	-	0.032961
Evi5	MmuINT0059536	chr5	1.08E+08	1.08E+08	-	0.000934
Evi5	MmuINT0059537	chr5	1.08E+08	1.08E+08	-	0.013716
Evi5	MmuINT0059538	chr5	1.08E+08	1.08E+08	-	0.19503
Evi5l	MmuINT0059539	chr8	4166764	4183487	+	0.012945
Evi5l	MmuINT0059541	chr8	4183671	4185960	+	0.008927
Evi5l	MmuINT0059542	chr8	4186151	4187240	+	0.017823
Evi5l	MmuINT0059543	chr8	4187466	4187575	+	0.013592
Evi5l	MmuINT0059544	chr8	4187651	4188286	+	0.038021
Evi5l	MmuINT0059545	chr8	4188413	4191236	+	0.012531
Evi5l	MmuINT0059546	chr8	4191381	4191584	+	0.026501
Evi5l	MmuINT0059547	chr8	4191675	4193119	+	0.011631
Evi5l	MmuINT0059548	chr8	4193218	4193305	+	0.022818
Evl	MmuINT0059552	chr12	1.1E+08	1.1E+08	+	0.017329

Evl	MmuINT0059553	chr12	1.1E+08	1.1E+08	+	0.08204
Evl	MmuINT0059554	chr12	1.1E+08	1.1E+08	+	0.130942
Evl	MmuINT0059555	chr12	1.1E+08	1.1E+08	+	0.00966
Evl	MmuINT0059557	chr12	1.1E+08	1.1E+08	+	0.008918
Evl	MmuINT0059558	chr12	1.1E+08	1.1E+08	+	0.008091
Evl	MmuINT0059559	chr12	1.1E+08	1.1E+08	+	0.019497
Evl	MmuINT0059560	chr12	1.1E+08	1.1E+08	+	0.025411
Evl	MmuINT0059561	chr12	1.1E+08	1.1E+08	+	0.008976
Evl	MmuINT0059562	chr12	1.1E+08	1.1E+08	+	0.011143
Evl	MmuINT0059563	chr12	1.1E+08	1.1E+08	+	0.017704
Ewsr1	MmuINT0059590	chr11	4993909	4999011	-	0.006402
Ewsr1	MmuINT0059600	chr11	4988150	4991861	-	0.00138
Exd2	MmuINT0059618	chr12	81564268	81576709	+	0.076162
Exd2	MmuINT0059619	chr12	81577176	81581441	+	0.014899
Exd2	MmuINT0059620	chr12	81581699	81585232	+	0.018755
Exd2	MmuINT0059621	chr12	81585360	81590388	+	0.0336
Exd2	MmuINT0059622	chr12	81590721	81591767	+	0.0895
Exd2	MmuINT0059623	chr12	81591875	81592081	+	0.327825
Exd2	MmuINT0059624	chr12	81592218	81593528	+	0.198877
Exd2	MmuINT0059625	chr12	81593886	81597767	+	0.018141
Exoc1	MmuINT0059640	chr5	76958488	76961779	+	0.036097
Exoc1	MmuINT0059641	chr5	76978627	76983124	+	0.031329
Exoc1	MmuINT0059644	chr5	76988193	76988742	+	0.069017
Exoc1	MmuINT0059645	chr5	76988851	76989354	+	0.090878
Exoc1	MmuINT0059646	chr5	76989432	76990316	+	0.088075
Exoc1	MmuINT0059647	chr5	76990546	76992254	+	0.035185
Exoc1	MmuINT0059648	chr5	76992439	76995981	+	0.027025
Exoc1	MmuINT0059649	chr5	76996182	76996991	+	0.103871
Exoc1	MmuINT0059650	chr5	76997187	76998642	+	0.017254
Exoc1	MmuINT0059651	chr5	76961914	76964578	+	0.021346
Exoc1	MmuINT0059652	chr5	76964710	76966722	+	0.015918
Exoc1	MmuINT0059653	chr5	76966883	76969771	+	0.0358
Exoc1	MmuINT0059654	chr5	76969793	76971075	+	0.044237
Exoc1	MmuINT0059655	chr5	76971264	76972479	+	0.016021
Exoc1	MmuINT0059656	chr5	76972708	76972902	+	0.019034
Exoc1	MmuINT0059657	chr5	76973036	76974278	+	0.028428
Exoc1	MmuINT0059658	chr5	76974389	76978476	+	0.05231
Exoc2	MmuINT0059659	chr13	31032640	31065864	-	0.01979
Exoc2	MmuINT0059660	chr13	30992773	30997521	-	0.019981
Exoc2	MmuINT0059661	chr13	30978184	30992653	-	0.019098
Exoc2	MmuINT0059662	chr13	30974243	30978057	-	0.022239
Exoc2	MmuINT0059663	chr13	30969483	30974117	-	0.033547
Exoc2	MmuINT0059664	chr13	30969270	30969416	-	0.017905
Exoc2	MmuINT0059665	chr13	30968722	30969111	-	0.018636
Exoc2	MmuINT0059666	chr13	30967190	30968599	-	0.022305
Exoc2	MmuINT0059667	chr13	30964239	30967127	-	0.023743
Exoc2	MmuINT0059668	chr13	30963771	30964157	-	0.024273
Exoc2	MmuINT0059669	chr13	30963050	30963710	-	0.034542
Exoc2	MmuINT0059670	chr13	31030162	31032478	-	0.016606
Exoc2	MmuINT0059671	chr13	30959908	30962987	-	0.027615

Exoc2	MmuINT0059672	chr13	30956817	30959840	-	0.018305
Exoc2	MmuINT0059673	chr13	30948665	30956699	-	0.013198
Exoc2	MmuINT0059674	chr13	30917964	30948522	-	0.023294
Exoc2	MmuINT0059675	chr13	30914624	30917907	-	0.052986
Exoc2	MmuINT0059676	chr13	30912509	30914500	-	0.018435
Exoc2	MmuINT0059677	chr13	30909927	30912446	-	0.071054
Exoc2	MmuINT0059678	chr13	30907261	30909866	-	0.064922
Exoc2	MmuINT0059679	chr13	31027491	31029984	-	0.016307
Exoc2	MmuINT0059680	chr13	31019291	31027363	-	0.02409
Exoc2	MmuINT0059681	chr13	31017717	31019176	-	0.02482
Exoc2	MmuINT0059682	chr13	31003120	31017591	-	0.025341
Exoc2	MmuINT0059683	chr13	30998747	31003038	-	0.019161
Exoc2	MmuINT0059684	chr13	30998454	30998600	-	0.015233
Exoc2	MmuINT0059685	chr13	30997625	30998371	-	0.024338
Exoc3	MmuINT0059686	chr13	74344546	74346105	-	0.021762
Exoc3	MmuINT0059687	chr13	74311597	74317882	-	0.029522
Exoc3	MmuINT0059688	chr13	74310872	74311434	-	0.014642
Exoc3	MmuINT0059689	chr13	74309693	74310743	-	0.018259
Exoc3	MmuINT0059690	chr13	74337124	74344354	-	0.004138
Exoc3	MmuINT0059691	chr13	74330738	74336903	-	0.004418
Exoc3	MmuINT0059692	chr13	74327636	74330055	-	0.004778
Exoc3	MmuINT0059693	chr13	74326735	74327517	-	0.003152
Exoc3	MmuINT0059694	chr13	74322222	74326608	-	0.004651
Exoc3	MmuINT0059695	chr13	74319836	74322120	-	0.007449
Exoc3	MmuINT0059696	chr13	74319643	74319724	-	0.003561
Exoc3l	MmuINT0059699	chr8	1.08E+08	1.08E+08	-	0.111438
Exoc3l	MmuINT0059700	chr8	1.08E+08	1.08E+08	-	0.12683
Exoc3l	MmuINT0059701	chr8	1.08E+08	1.08E+08	-	0.250436
Exoc3l	MmuINT0059702	chr8	1.08E+08	1.08E+08	-	0.253
Exoc3l	MmuINT0059704	chr8	1.08E+08	1.08E+08	-	0.608311
Exoc3l	MmuINT0059705	chr8	1.08E+08	1.08E+08	-	0.126825
Exoc3l	MmuINT0059707	chr8	1.08E+08	1.08E+08	-	0.430205
Exoc3l	MmuINT0059708	chr8	1.08E+08	1.08E+08	-	0.100786
Exoc3l	MmuINT0059709	chr8	1.08E+08	1.08E+08	-	0.42669
Exoc3l	MmuINT0059710	chr8	1.08E+08	1.08E+08	-	0.246824
Exoc4	MmuINT0059711	chr6	33199239	33215939	+	0.006757
Exoc4	MmuINT0059712	chr6	33530079	33707966	+	0.008891
Exoc4	MmuINT0059713	chr6	33708187	33765673	+	0.0035
Exoc4	MmuINT0059714	chr6	33765811	33788974	+	0.009594
Exoc4	MmuINT0059716	chr6	33812240	33860487	+	0.000501
Exoc4	MmuINT0059717	chr6	33860630	33868400	+	0.008097
Exoc4	MmuINT0059718	chr6	33868580	33871377	+	0.007805
Exoc4	MmuINT0059719	chr6	33871538	33921913	+	0.007859
Exoc4	MmuINT0059720	chr6	33216130	33227186	+	0.009053
Exoc4	MmuINT0059721	chr6	33227382	33246732	+	0.013327
Exoc4	MmuINT0059722	chr6	33246918	33255284	+	0.010497
Exoc4	MmuINT0059723	chr6	33255395	33282210	+	0.006437
Exoc4	MmuINT0059724	chr6	33282455	33297782	+	0.007937
Exoc4	MmuINT0059725	chr6	33297958	33388379	+	0.007511
Exoc4	MmuINT0059726	chr6	33388526	33391950	+	0.0021

Exoc4	MmuINT0059727	chr6	33392040	33529981	+	0.013059
Exoc5	MmuINT0059728	chr14	49672068	49685800	-	0.016328
Exoc5	MmuINT0059729	chr14	49654693	49655673	-	0.012921
Exoc5	MmuINT0059730	chr14	49653094	49654482	-	0.011492
Exoc5	MmuINT0059731	chr14	49642983	49652945	-	0.039073
Exoc5	MmuINT0059732	chr14	49639198	49642873	-	0.032823
Exoc5	MmuINT0059733	chr14	49637236	49639076	-	0.010908
Exoc5	MmuINT0059734	chr14	49635982	49637148	-	0.018376
Exoc5	MmuINT0059735	chr14	49635308	49635872	-	0.014197
Exoc5	MmuINT0059736	chr14	49634025	49635091	-	0.02348
Exoc5	MmuINT0059737	chr14	49671143	49671972	-	0.013784
Exoc5	MmuINT0059738	chr14	49668574	49670994	-	0.019471
Exoc5	MmuINT0059739	chr14	49662225	49668378	-	0.033708
Exoc5	MmuINT0059740	chr14	49659059	49662159	-	0.041228
Exoc5	MmuINT0059741	chr14	49657458	49659029	-	0.013238
Exoc5	MmuINT0059742	chr14	49656724	49657347	-	0.023774
Exoc5	MmuINT0059743	chr14	49656575	49656678	-	0.019142
Exoc5	MmuINT0059744	chr14	49655757	49656433	-	0.014985
Exoc6	MmuINT0059745	chr19	37625056	37644872	+	0.007937
Exoc6	MmuINT0059746	chr19	37662175	37662306	+	0.013874
Exoc6	MmuINT0059747	chr19	37662428	37664340	+	0.007246
Exoc6	MmuINT0059748	chr19	37664413	37665357	+	0.009865
Exoc6	MmuINT0059749	chr19	37665456	37668151	+	0.011096
Exoc6	MmuINT0059750	chr19	37668258	37671584	+	0.008855
Exoc6	MmuINT0059751	chr19	37671695	37673055	+	0.007593
Exoc6	MmuINT0059752	chr19	37673168	37674048	+	0.007748
Exoc6	MmuINT0059753	chr19	37674184	37683415	+	0.005576
Exoc6	MmuINT0059754	chr19	37683596	37714111	+	0.006137
Exoc6	MmuINT0059755	chr19	37714254	37727872	+	0.01039
Exoc6	MmuINT0059756	chr19	37645045	37646082	+	0.00839
Exoc6	MmuINT0059757	chr19	37727947	37756149	+	0.012755
Exoc6	MmuINT0059758	chr19	37756263	37757335	+	0.00726
Exoc6	MmuINT0059759	chr19	37646131	37646347	+	0.010969
Exoc6	MmuINT0059760	chr19	37646439	37648201	+	0.008626
Exoc6	MmuINT0059761	chr19	37648248	37651425	+	0.00816
Exoc6	MmuINT0059762	chr19	37651631	37652909	+	0.004324
Exoc6	MmuINT0059763	chr19	37653066	37656682	+	0.011237
Exoc6	MmuINT0059764	chr19	37656752	37660300	+	0.010836
Exoc6	MmuINT0059765	chr19	37660385	37662127	+	0.012517
Exoc6b	MmuINT0059766	chr6	84961478	85019289	-	0.031335
Exoc6b	MmuINT0059767	chr6	84808503	84810166	-	0.047809
Exoc6b	MmuINT0059768	chr6	84805541	84808381	-	0.036047
Exoc6b	MmuINT0059769	chr6	84804793	84805468	-	0.033935
Exoc6b	MmuINT0059770	chr6	84803677	84804694	-	0.040096
Exoc6b	MmuINT0059771	chr6	84801955	84803570	-	0.028951
Exoc6b	MmuINT0059772	chr6	84798872	84801844	-	0.028327
Exoc6b	MmuINT0059773	chr6	84794138	84798759	-	0.015416
Exoc6b	MmuINT0059774	chr6	84785215	84794002	-	0.017527
Exoc6b	MmuINT0059775	chr6	84741377	84785034	-	0.032788
Exoc6b	MmuINT0059776	chr6	84696969	84741234	-	0.022876



Exoc6b	MmuINT0059777	chr6	84955031	84961311	-	0.028971
Exoc6b	MmuINT0059778	chr6	84575232	84696894	-	0.024442
Exoc6b	MmuINT0059779	chr6	84571506	84575118	-	0.056027
Exoc6b	MmuINT0059780	chr6	84953280	84954982	-	0.056122
Exoc6b	MmuINT0059781	chr6	84953088	84953188	-	0.033803
Exoc6b	MmuINT0059782	chr6	84939524	84953041	-	0.026614
Exoc6b	MmuINT0059783	chr6	84858284	84939318	-	0.01611
Exoc6b	MmuINT0059784	chr6	84840580	84858106	-	0.020635
Exoc6b	MmuINT0059785	chr6	84810713	84840510	-	0.035006
Exoc6b	MmuINT0059786	chr6	84810214	84810628	-	0.045656
Exoc7	MmuINT0059789	chr11	1.16E+08	1.16E+08	-	0.007223
Exoc7	MmuINT0059790	chr11	1.16E+08	1.16E+08	-	0.018
Exoc7	MmuINT0059791	chr11	1.16E+08	1.16E+08	-	0.012881
Exoc7	MmuINT0059792	chr11	1.16E+08	1.16E+08	-	0.147973
Exoc7	MmuINT0059793	chr11	1.16E+08	1.16E+08	-	0.158791
Exoc7	MmuINT0059794	chr11	1.16E+08	1.16E+08	-	0.02104
Exoc7	MmuINT0059795	chr11	1.16E+08	1.16E+08	-	0.01566
Exoc7	MmuINT0059796	chr11	1.16E+08	1.16E+08	-	0.014366
Exoc7	MmuINT0059797	chr11	1.16E+08	1.16E+08	-	0.019118
Exoc7	MmuINT0059798	chr11	1.16E+08	1.16E+08	-	0.02142
Exoc7	MmuINT0059799	chr11	1.16E+08	1.16E+08	-	0.005232
Exoc7	MmuINT0059800	chr11	1.16E+08	1.16E+08	-	0.006658
Exoc7	MmuINT0059801	chr11	1.16E+08	1.16E+08	-	0.00651
Exoc7	MmuINT0059802	chr11	1.16E+08	1.16E+08	-	0.005875
Exoc7	MmuINT0059803	chr11	1.16E+08	1.16E+08	-	0.008682
Exoc7	MmuINT0059804	chr11	1.16E+08	1.16E+08	-	0.030826
Exoc7	MmuINT0059805	chr11	1.16E+08	1.16E+08	-	0.031233
Exoc7	MmuINT0059806	chr11	1.16E+08	1.16E+08	-	0.007817
Exoc7	MmuINT0059807	chr11	1.16E+08	1.16E+08	-	0.005188
Exosc1	MmuINT0059816	chr19	42007655	42007741	-	0.054372
Exosc1	MmuINT0059817	chr19	42005921	42007538	-	0.061407
Exosc1	MmuINT0059818	chr19	42002604	42005845	-	0.052732
Exosc1	MmuINT0059820	chr19	41999730	42001021	-	0.02269
Exosc1	MmuINT0059821	chr19	41999286	41999678	-	0.044556
Exosc1	MmuINT0059822	chr19	41998579	41999200	-	0.017198
Exosc10	MmuINT0059823	chr4	1.48E+08	1.48E+08	+	0.006677
Exosc10	MmuINT0059824	chr4	1.48E+08	1.48E+08	+	0.004294
Exosc10	MmuINT0059825	chr4	1.48E+08	1.48E+08	+	0.005303
Exosc10	MmuINT0059826	chr4	1.48E+08	1.48E+08	+	0.006582
Exosc10	MmuINT0059827	chr4	1.48E+08	1.48E+08	+	0.052513
Exosc10	MmuINT0059828	chr4	1.48E+08	1.48E+08	+	0.019979
Exosc10	MmuINT0059829	chr4	1.48E+08	1.48E+08	+	0.029552
Exosc10	MmuINT0059830	chr4	1.48E+08	1.48E+08	+	0.005848
Exosc10	MmuINT0059831	chr4	1.48E+08	1.48E+08	+	0.013019
Exosc10	MmuINT0059832	chr4	1.48E+08	1.48E+08	+	0.119674
Exosc10	MmuINT0059833	chr4	1.48E+08	1.48E+08	+	0.104091
Exosc10	MmuINT0059834	chr4	1.48E+08	1.48E+08	+	0.005155
Exosc10	MmuINT0059835	chr4	1.48E+08	1.48E+08	+	0.031293
Exosc10	MmuINT0059836	chr4	1.48E+08	1.48E+08	+	0.027511
Exosc10	MmuINT0059837	chr4	1.48E+08	1.48E+08	+	0.078924

Exosc10	MmuINT0059838	chr4	1.48E+08	1.48E+08	+	0.02077
Exosc10	MmuINT0059839	chr4	1.48E+08	1.48E+08	+	0.024446
Exosc10	MmuINT0059840	chr4	1.48E+08	1.48E+08	+	0.009363
Exosc10	MmuINT0059841	chr4	1.48E+08	1.48E+08	+	0.010765
Exosc10	MmuINT0059842	chr4	1.48E+08	1.48E+08	+	0.005743
Exosc10	MmuINT0059843	chr4	1.48E+08	1.48E+08	+	0.008472
Exosc10	MmuINT0059844	chr4	1.48E+08	1.48E+08	+	0.010375
Exosc10	MmuINT0059845	chr4	1.48E+08	1.48E+08	+	0.005271
Exosc10	MmuINT0059846	chr4	1.48E+08	1.48E+08	+	0.005557
Exosc2	MmuINT0059847	chr2	31526382	31527991	+	0.035778
Exosc2	MmuINT0059848	chr2	31528094	31530034	+	0.047727
Exosc2	MmuINT0059849	chr2	31530081	31530214	+	0.025574
Exosc2	MmuINT0059850	chr2	31530305	31531358	+	0.050164
Exosc2	MmuINT0059851	chr2	31531425	31532187	+	0.117927
Exosc2	MmuINT0059852	chr2	31532257	31533970	+	0.14764
Exosc2	MmuINT0059853	chr2	31534148	31535370	+	0.024935
Exosc2	MmuINT0059854	chr2	31535500	31536009	+	0.022318
Exosc3	MmuINT0059855	chr4	45332572	45333142	-	0.010254
Exosc3	MmuINT0059856	chr4	45330702	45332421	-	0.024041
Exosc3	MmuINT0059857	chr4	45329901	45330549	-	0.025271
Exosc4	MmuINT0059858	chr15	76158094	76159459	+	0.014159
Exosc4	MmuINT0059859	chr15	76159667	76159785	+	0.015246
Exosc5	MmuINT0059860	chr7	26444403	26448155	+	0.018801
Exosc5	MmuINT0059861	chr7	26448270	26449345	+	0.138172
Exosc5	MmuINT0059862	chr7	26449468	26450439	+	0.009547
Exosc5	MmuINT0059863	chr7	26450581	26451271	+	0.012648
Exosc5	MmuINT0059864	chr7	26451362	26452718	+	0.05257
Exosc7	MmuINT0059865	chr9	1.23E+08	1.23E+08	+	0.014265
Exosc7	MmuINT0059866	chr9	1.23E+08	1.23E+08	+	0.006044
Exosc7	MmuINT0059867	chr9	1.23E+08	1.23E+08	+	0.026936
Exosc7	MmuINT0059868	chr9	1.23E+08	1.23E+08	+	0.013644
Exosc7	MmuINT0059869	chr9	1.23E+08	1.23E+08	+	0.007969
Exosc7	MmuINT0059870	chr9	1.23E+08	1.23E+08	+	0.006832
Exosc7	MmuINT0059871	chr9	1.23E+08	1.23E+08	+	0.015893
Exosc8	MmuINT0059872	chr3	54538255	54538929	-	0.240289
Exosc8	MmuINT0059873	chr3	54532816	54533115	-	0.017165
Exosc8	MmuINT0059874	chr3	54538089	54538217	-	0.092547
Exosc8	MmuINT0059875	chr3	54537654	54538024	-	0.034357
Exosc8	MmuINT0059876	chr3	54536668	54537579	-	0.12508
Exosc8	MmuINT0059878	chr3	54535094	54535902	-	0.145243
Exosc8	MmuINT0059879	chr3	54533808	54534996	-	0.067492
Exosc8	MmuINT0059880	chr3	54533223	54533686	-	0.077689
Exosc9	MmuINT0059881	chr3	36451674	36451956	+	0.006853
Exosc9	MmuINT0059882	chr3	36464219	36464350	+	0.029874
Exosc9	MmuINT0059883	chr3	36452052	36452727	+	0.013031
Exosc9	MmuINT0059884	chr3	36452848	36452961	+	0.015835
Exosc9	MmuINT0059885	chr3	36453065	36453559	+	0.009595
Exosc9	MmuINT0059886	chr3	36453698	36454403	+	0.010351
Exosc9	MmuINT0059887	chr3	36454487	36455784	+	0.009808
Exosc9	MmuINT0059888	chr3	36455918	36460024	+	0.015148

Exosc9	MmuINT0059889	chr3	36460114	36460939	+	0.00929
Exosc9	MmuINT0059890	chr3	36461087	36461994	+	0.022807
Ext1	MmuINT0059898	chr15	52939127	53175956	-	0.0107
Ext1	MmuINT0059899	chr15	52900405	52904847	-	0.022868
Ext1	MmuINT0059900	chr15	52937690	52939032	-	0.011018
Ext1	MmuINT0059901	chr15	52933360	52937581	-	0.015334
Ext1	MmuINT0059902	chr15	52923971	52933239	-	0.010679
Ext1	MmuINT0059903	chr15	52921605	52923837	-	0.010062
Ext1	MmuINT0059904	chr15	52919706	52921485	-	0.007761
Ext1	MmuINT0059905	chr15	52914730	52919609	-	0.010098
Ext1	MmuINT0059906	chr15	52907485	52914639	-	0.026785
Ext1	MmuINT0059907	chr15	52905020	52907323	-	0.014196
Ext2	MmuINT0059909	chr2	93547535	93570314	-	0.005338
Ext2	MmuINT0059910	chr2	93544769	93547390	-	0.015503
Ext2	MmuINT0059911	chr2	93543434	93544639	-	0.008713
Ext2	MmuINT0059912	chr2	93536429	93543350	-	0.024393
Ext2	MmuINT0059913	chr2	93652144	93653555	-	0.006762
Ext2	MmuINT0059914	chr2	93646299	93652053	-	0.007378
Ext2	MmuINT0059915	chr2	93638525	93646181	-	0.006407
Ext2	MmuINT0059916	chr2	93635932	93638328	-	0.00673
Ext2	MmuINT0059917	chr2	93631261	93635791	-	0.008081
Ext2	MmuINT0059918	chr2	93602842	93631166	-	0.008867
Ext2	MmuINT0059919	chr2	93579917	93602709	-	0.009016
Ext2	MmuINT0059920	chr2	93570482	93579726	-	0.004033
Extl1	MmuINT0059922	chr4	1.34E+08	1.34E+08	-	0.021905
Extl1	MmuINT0059924	chr4	1.34E+08	1.34E+08	-	0.021003
Extl1	MmuINT0059925	chr4	1.34E+08	1.34E+08	-	0.01196
Extl1	MmuINT0059928	chr4	1.34E+08	1.34E+08	-	0.016185
Extl1	MmuINT0059930	chr4	1.34E+08	1.34E+08	-	0.012009
Extl2	MmuINT0059933	chr3	1.16E+08	1.16E+08	+	0.033843
Extl2	MmuINT0059934	chr3	1.16E+08	1.16E+08	+	0.019918
Extl2	MmuINT0059935	chr3	1.16E+08	1.16E+08	+	0.015625
Extl2	MmuINT0059936	chr3	1.16E+08	1.16E+08	+	0.014437
Extl3	MmuINT0059937	chr14	65699313	65716833	-	0.017907
Extl3	MmuINT0059938	chr14	65697027	65699216	-	0.00981
Extl3	MmuINT0059939	chr14	65685648	65694420	-	0.00889
Extl3	MmuINT0059940	chr14	65677967	65685519	-	0.009831
Extl3	MmuINT0059941	chr14	65675797	65677821	-	0.005093
Extl3	MmuINT0059942	chr14	65673660	65675667	-	0.00872
Eya3	MmuINT0059975	chr4	1.32E+08	1.32E+08	+	0.023117
Eya3	MmuINT0059976	chr4	1.32E+08	1.32E+08	+	0.011189
Eya3	MmuINT0059977	chr4	1.32E+08	1.32E+08	+	0.011185
Eya3	MmuINT0059978	chr4	1.32E+08	1.32E+08	+	0.015112
Eya3	MmuINT0059979	chr4	1.32E+08	1.32E+08	+	0.011109
Eya3	MmuINT0059980	chr4	1.32E+08	1.32E+08	+	0.021085
Eya3	MmuINT0059981	chr4	1.32E+08	1.32E+08	+	0.009791
Eya3	MmuINT0059982	chr4	1.32E+08	1.32E+08	+	0.008045
Eya3	MmuINT0059983	chr4	1.32E+08	1.32E+08	+	0.023955
Eya3	MmuINT0059986	chr4	1.32E+08	1.32E+08	+	0.015001
Eya3	MmuINT0059987	chr4	1.32E+08	1.32E+08	+	0.015389

Eya3	MmuINT0059988	chr4	1.32E+08	1.32E+08	+	0.016798
Eya3	MmuINT0059989	chr4	1.32E+08	1.32E+08	+	0.019046
Eya3	MmuINT0059990	chr4	1.32E+08	1.32E+08	+	0.008311
Eya3	MmuINT0059991	chr4	1.32E+08	1.32E+08	+	0.007528
Ezh1	MmuINT0060014	chr11	1.01E+08	1.01E+08	-	0.021356
Ezh1	MmuINT0060015	chr11	1.01E+08	1.01E+08	-	0.015005
Ezh1	MmuINT0060016	chr11	1.01E+08	1.01E+08	-	0.009244
Ezh1	MmuINT0060017	chr11	1.01E+08	1.01E+08	-	0.014793
Ezh1	MmuINT0060018	chr11	1.01E+08	1.01E+08	-	0.010746
Ezh1	MmuINT0060019	chr11	1.01E+08	1.01E+08	-	0.13612
Ezh1	MmuINT0060020	chr11	1.01E+08	1.01E+08	-	0.034369
Ezh1	MmuINT0060021	chr11	1.01E+08	1.01E+08	-	0.058707
Ezh1	MmuINT0060022	chr11	1.01E+08	1.01E+08	-	0.106518
Ezh1	MmuINT0060023	chr11	1.01E+08	1.01E+08	-	0.050754
Ezh1	MmuINT0060024	chr11	1.01E+08	1.01E+08	-	0.096995
Ezh1	MmuINT0060025	chr11	1.01E+08	1.01E+08	-	0.061967
Ezh1	MmuINT0060026	chr11	1.01E+08	1.01E+08	-	0.011804
Ezh1	MmuINT0060027	chr11	1.01E+08	1.01E+08	-	0.009607
Ezh1	MmuINT0060028	chr11	1.01E+08	1.01E+08	-	0.008874
Ezh1	MmuINT0060029	chr11	1.01E+08	1.01E+08	-	0.010162
Ezh1	MmuINT0060030	chr11	1.01E+08	1.01E+08	-	0.010066
Ezh1	MmuINT0060031	chr11	1.01E+08	1.01E+08	-	0.011234
Ezh1	MmuINT0060032	chr11	1.01E+08	1.01E+08	-	0.032038
Ezh2	MmuINT0060035	chr6	47494609	47495674	-	0.047333
Ezh2	MmuINT0060036	chr6	47494040	47494438	-	0.041933
Ezh2	MmuINT0060037	chr6	47492406	47493944	-	0.051483
Ezh2	MmuINT0060038	chr6	47491970	47492364	-	0.262398
Ezh2	MmuINT0060040	chr6	47483837	47490675	-	0.116585
Ezh2	MmuINT0060041	chr6	47482983	47483740	-	0.088629
Ezh2	MmuINT0060042	chr6	47482065	47482900	-	0.112147
Ezh2	MmuINT0060043	chr6	47481825	47481983	-	0.111007
Ezh2	MmuINT0060044	chr6	47480601	47481739	-	0.055406
Ezh2	MmuINT0060045	chr6	47508294	47526534	-	0.110117
Ezh2	MmuINT0060048	chr6	47502488	47504122	-	0.048882
Ezh2	MmuINT0060049	chr6	47501895	47502384	-	0.050358
Ezh2	MmuINT0060050	chr6	47495916	47497343	-	0.050564
Ezr	MmuINT0060051	chr17	6963912	6986980	-	0.003463
Ezr	MmuINT0060052	chr17	6945405	6945769	-	0.007472
Ezr	MmuINT0060053	chr17	6944231	6945311	-	0.006363
Ezr	MmuINT0060054	chr17	6943817	6943978	-	0.002156
Ezr	MmuINT0060055	chr17	6960293	6963827	-	0.004348
Ezr	MmuINT0060056	chr17	6959235	6960196	-	0.004653
Ezr	MmuINT0060057	chr17	6958419	6958959	-	0.002589
Ezr	MmuINT0060058	chr17	6957479	6958334	-	0.002974
Ezr	MmuINT0060060	chr17	6947203	6951612	-	0.005248
Ezr	MmuINT0060061	chr17	6946834	6947038	-	0.002387
Ezr	MmuINT0060062	chr17	6945931	6946702	-	0.004785
F11r	MmuINT0060085	chr1	1.73E+08	1.73E+08	+	0.007069
F11r	MmuINT0060086	chr1	1.73E+08	1.73E+08	+	0.009455
F11r	MmuINT0060087	chr1	1.73E+08	1.73E+08	+	0.005046

F11r	MmuINT0060088	chr1	1.73E+08	1.73E+08	+	0.004312
F11r	MmuINT0060089	chr1	1.73E+08	1.73E+08	+	0.007672
F11r	MmuINT0060090	chr1	1.73E+08	1.73E+08	+	0.003717
F11r	MmuINT0060091	chr1	1.73E+08	1.73E+08	+	0.017826
F11r	MmuINT0060092	chr1	1.73E+08	1.73E+08	+	0.027409
F11r	MmuINT0060093	chr1	1.73E+08	1.73E+08	+	0.007024
F13a1	MmuINT0060108	chr13	37139374	37141009	-	0.01388
F13a1	MmuINT0060109	chr13	36997926	37008732	-	0.029571
F13a1	MmuINT0060110	chr13	36990139	36997771	-	0.009344
F13a1	MmuINT0060111	chr13	36984836	36989850	-	0.008964
F13a1	MmuINT0060112	chr13	36969749	36984674	-	0.013171
F13a1	MmuINT0060113	chr13	36960788	36969611	-	0.011021
F13a1	MmuINT0060114	chr13	37117729	37139225	-	0.015287
F13a1	MmuINT0060115	chr13	37080955	37117539	-	0.016995
F13a1	MmuINT0060116	chr13	37063936	37080702	-	0.013707
F13a1	MmuINT0060117	chr13	37059995	37063816	-	0.070652
F13a1	MmuINT0060118	chr13	37038487	37059886	-	0.015017
F13a1	MmuINT0060119	chr13	37035899	37038311	-	0.014661
F13a1	MmuINT0060120	chr13	37010505	37035759	-	0.024805
F13a1	MmuINT0060121	chr13	37008822	37010400	-	0.015499
F2	MmuINT0060137	chr2	91465731	91465858	-	0.098152
F2r	MmuINT0060146	chr13	96374893	96388241	-	0.01433
F3	MmuINT0060150	chr3	1.21E+08	1.21E+08	+	0.040179
F3	MmuINT0060151	chr3	1.21E+08	1.21E+08	+	0.015634
F3	MmuINT0060152	chr3	1.21E+08	1.21E+08	+	0.012629
F3	MmuINT0060153	chr3	1.21E+08	1.21E+08	+	0.022442
F3	MmuINT0060154	chr3	1.21E+08	1.21E+08	+	0.015853
F630110N24Rik	MmuINT0060193	chr10	80823038	80823843	+	0.027014
F630110N24Rik	MmuINT0060194	chr10	80823983	80824058	+	0.043203
F630110N24Rik	MmuINT0060195	chr10	80824245	80824769	+	0.043923
F630110N24Rik	MmuINT0060196	chr10	80824863	80824949	+	0.040976
F630110N24Rik	MmuINT0060197	chr10	80825043	80825432	+	0.03512
F630110N24Rik	MmuINT0060198	chr10	80825604	80825677	+	0.024246
F630110N24Rik	MmuINT0060199	chr10	80825773	80826297	+	0.098277
F630110N24Rik	MmuINT0060200	chr10	80826429	80826514	+	0.052737
Fabp1	MmuINT0060300	chr6	71149988	71151601	+	0.011172
Fabp1	MmuINT0060301	chr6	71151775	71153080	+	0.009842
Fabp4	MmuINT0060314	chr3	10206123	10208438	-	0.01094
Fabp4	MmuINT0060315	chr3	10205343	10205949	-	0.037211
Fabp4	MmuINT0060316	chr3	10204571	10205240	-	0.057227
Fadd	MmuINT0060329	chr7	1.52E+08	1.52E+08	-	0.019667
Fads1	MmuINT0060330	chr19	10257755	10259416	+	0.043613
Fads1	MmuINT0060331	chr19	10268888	10268978	+	0.044185
Fads1	MmuINT0060332	chr19	10269105	10269360	+	0.045151
Fads1	MmuINT0060333	chr19	10259528	10260174	+	0.048561
Fads1	MmuINT0060334	chr19	10260373	10260867	+	0.034623
Fads1	MmuINT0060335	chr19	10260970	10261244	+	0.025799
Fads1	MmuINT0060336	chr19	10261374	10265929	+	0.04913
Fads1	MmuINT0060337	chr19	10265991	10267401	+	0.069992
Fads1	MmuINT0060338	chr19	10267479	10268190	+	0.037478

Fads1	MmuINT0060339	chr19	10268289	10268485	+	0.042442
Fads1	MmuINT0060340	chr19	10268583	10268807	+	0.039533
Fads2	MmuINT0060341	chr19	10166342	10175712	-	0.037887
Fads2	MmuINT0060342	chr19	10139302	10140091	-	0.092299
Fads2	MmuINT0060343	chr19	10138805	10139175	-	0.069403
Fads2	MmuINT0060344	chr19	10163596	10166230	-	0.050507
Fads2	MmuINT0060350	chr19	10140839	10141004	-	0.094088
Fads3	MmuINT0060352	chr19	10116447	10126691	+	0.012685
Fads3	MmuINT0060353	chr19	10130787	10130914	+	0.004577
Fads3	MmuINT0060354	chr19	10131041	10132374	+	0.010501
Fads3	MmuINT0060355	chr19	10126803	10127325	+	0.005704
Fads3	MmuINT0060356	chr19	10127524	10128509	+	0.011831
Fads3	MmuINT0060357	chr19	10128612	10128716	+	0.021132
Fads3	MmuINT0060358	chr19	10128840	10129095	+	0.045863
Fads3	MmuINT0060359	chr19	10129157	10129596	+	0.024708
Fads3	MmuINT0060360	chr19	10129674	10130086	+	0.005511
Fads3	MmuINT0060361	chr19	10130185	10130480	+	0.008389
Fads3	MmuINT0060362	chr19	10130578	10130706	+	0.004287
Faf1	MmuINT0060368	chr4	1.09E+08	1.09E+08	+	0.007542
Faf1	MmuINT0060369	chr4	1.1E+08	1.1E+08	+	0.010765
Faf1	MmuINT0060370	chr4	1.1E+08	1.1E+08	+	0.005621
Faf1	MmuINT0060371	chr4	1.1E+08	1.1E+08	+	0.00274
Faf1	MmuINT0060372	chr4	1.1E+08	1.1E+08	+	0.002294
Faf1	MmuINT0060373	chr4	1.1E+08	1.1E+08	+	0.002761
Faf1	MmuINT0060374	chr4	1.1E+08	1.1E+08	+	0.003263
Faf1	MmuINT0060375	chr4	1.1E+08	1.1E+08	+	0.003556
Faf1	MmuINT0060376	chr4	1.1E+08	1.1E+08	+	0.002568
Faf1	MmuINT0060377	chr4	1.1E+08	1.1E+08	+	0.003924
Faf1	MmuINT0060378	chr4	1.09E+08	1.09E+08	+	0.005081
Faf1	MmuINT0060379	chr4	1.09E+08	1.09E+08	+	0.00386
Faf1	MmuINT0060380	chr4	1.09E+08	1.09E+08	+	0.004406
Faf1	MmuINT0060381	chr4	1.09E+08	1.09E+08	+	0.003863
Faf1	MmuINT0060382	chr4	1.09E+08	1.09E+08	+	0.003373
Faf1	MmuINT0060383	chr4	1.09E+08	1.09E+08	+	0.006136
Faf1	MmuINT0060384	chr4	1.09E+08	1.1E+08	+	0.003253
Faf1	MmuINT0060385	chr4	1.1E+08	1.1E+08	+	0.002829
Faf2	MmuINT0060386	chr13	54723265	54739610	+	0.033593
Faf2	MmuINT0060387	chr13	54757787	54762314	+	0.009693
Faf2	MmuINT0060388	chr13	54739680	54742779	+	0.022025
Faf2	MmuINT0060389	chr13	54742915	54746605	+	0.040928
Faf2	MmuINT0060390	chr13	54746683	54749652	+	0.033246
Faf2	MmuINT0060391	chr13	54749792	54751338	+	0.050278
Faf2	MmuINT0060392	chr13	54751425	54751519	+	0.019097
Faf2	MmuINT0060393	chr13	54751612	54753403	+	0.029732
Faf2	MmuINT0060394	chr13	54753582	54756766	+	0.010092
Faf2	MmuINT0060395	chr13	54756939	54757642	+	0.013391
Fah	MmuINT0060396	chr7	91750702	91754152	-	0.01264
Fah	MmuINT0060397	chr7	91740939	91741695	-	0.017641
Fah	MmuINT0060398	chr7	91738186	91740891	-	0.031261
Fah	MmuINT0060399	chr7	91737459	91738083	-	0.016691

Fah	MmuINT0060400	chr7	91733855	91737340	-	0.015597
Fah	MmuINT0060401	chr7	91749665	91750590	-	0.023744
Fah	MmuINT0060402	chr7	91749337	91749542	-	0.043859
Fah	MmuINT0060405	chr7	91745597	91745687	-	0.016331
Fah	MmuINT0060406	chr7	91744068	91745543	-	0.01616
Fah	MmuINT0060407	chr7	91743354	91743967	-	0.021218
Fah	MmuINT0060408	chr7	91741772	91743222	-	0.02678
Fahd2a	MmuINT0060409	chr2	1.27E+08	1.27E+08	-	0.00379
Fahd2a	MmuINT0060410	chr2	1.27E+08	1.27E+08	-	0.006092
Fahd2a	MmuINT0060411	chr2	1.27E+08	1.27E+08	-	0.004632
Fahd2a	MmuINT0060412	chr2	1.27E+08	1.27E+08	-	0.030344
Fahd2a	MmuINT0060413	chr2	1.27E+08	1.27E+08	-	0.015042
Fahd2a	MmuINT0060414	chr2	1.27E+08	1.27E+08	-	0.003311
Fahd2a	MmuINT0060415	chr2	1.27E+08	1.27E+08	-	0.023816
Faim	MmuINT0060418	chr9	98886932	98892519	+	0.03666
Faim	MmuINT0060419	chr9	98892653	98892931	+	0.016716
Faim	MmuINT0060420	chr9	98893161	98899385	+	0.026475
Faim	MmuINT0060421	chr9	98899436	98901973	+	0.032526
Fam100a	MmuINT0060439	chr16	4876422	4879616	-	0.061152
Fam101b	MmuINT0060445	chr11	75838560	75840929	-	0.038212
Fam101b	MmuINT0060446	chr11	75835743	75838449	-	0.026889
Fam102a	MmuINT0060447	chr2	32391753	32413546	+	0.044093
Fam102a	MmuINT0060448	chr2	32422078	32422914	+	0.048592
Fam102a	MmuINT0060449	chr2	32413668	32413837	+	0.03648
Fam102a	MmuINT0060450	chr2	32413868	32415558	+	0.208105
Fam102a	MmuINT0060451	chr2	32415676	32418938	+	0.157772
Fam102a	MmuINT0060452	chr2	32418986	32419121	+	0.053122
Fam102a	MmuINT0060453	chr2	32419280	32420920	+	0.064829
Fam102a	MmuINT0060454	chr2	32421026	32421107	+	0.063378
Fam102a	MmuINT0060455	chr2	32421325	32421788	+	0.03319
Fam102a	MmuINT0060456	chr2	32421911	32422007	+	0.029082
Fam102b	MmuINT0060458	chr3	1.09E+08	1.09E+08	-	0.071138
Fam102b	MmuINT0060466	chr3	1.09E+08	1.09E+08	-	0.044022
Fam105a	MmuINT0060473	chr15	27588070	27589644	-	0.083863
Fam105a	MmuINT0060474	chr15	27586827	27587799	-	0.117112
Fam105b	MmuINT0060475	chr15	27553114	27560212	-	0.077856
Fam105b	MmuINT0060476	chr15	27549379	27553036	-	0.009956
Fam105b	MmuINT0060477	chr15	27546223	27549283	-	0.008368
Fam105b	MmuINT0060478	chr15	27541393	27546078	-	0.005773
Fam105b	MmuINT0060479	chr15	27538617	27541266	-	0.022499
Fam105b	MmuINT0060480	chr15	27536217	27538346	-	0.038538
Fam107a	MmuINT0060481	chr14	9133748	9141998	-	0.049373
Fam107a	MmuINT0060482	chr14	9132181	9133572	-	0.019524
Fam107a	MmuINT0060483	chr14	9131312	9132023	-	0.01513
Fam107b	MmuINT0060484	chr2	3630909	3690067	+	0.067941
Fam107b	MmuINT0060485	chr2	3690252	3695689	+	0.050834
Fam107b	MmuINT0060486	chr2	3695841	3696772	+	0.053715
Fam108a	MmuINT0060488	chr10	80048548	80049259	-	0.028993
Fam108a	MmuINT0060489	chr10	80047068	80048352	-	0.010277
Fam108a	MmuINT0060490	chr10	80046809	80046887	-	0.014223

Fam108b	MmuINT0060492	chr19	21753313	21755357	+	0.069459
Fam108b	MmuINT0060493	chr19	21755538	21758587	+	0.020198
Fam108c	MmuINT0060494	chr7	91262941	91299791	-	0.006265
Fam108c	MmuINT0060495	chr7	91259312	91262760	-	0.008687
Fam109a	MmuINT0060496	chr5	1.22E+08	1.22E+08	+	0.169494
Fam109a	MmuINT0060497	chr5	1.22E+08	1.22E+08	+	0.272558
Fam109a	MmuINT0060498	chr5	1.22E+08	1.22E+08	+	0.0409
Fam110a	MmuINT0060501	chr2	1.52E+08	1.52E+08	-	0.176444
Fam111a	MmuINT0060506	chr19	12651661	12658412	+	0.141512
Fam111a	MmuINT0060507	chr19	12658613	12661324	+	0.150956
Fam113a	MmuINT0060508	chr2	1.3E+08	1.3E+08	-	0.788829
Fam113a	MmuINT0060509	chr2	1.3E+08	1.3E+08	-	0.660115
Fam113a	MmuINT0060510	chr2	1.3E+08	1.3E+08	-	0.296591
Fam113a	MmuINT0060511	chr2	1.3E+08	1.3E+08	-	0.118507
Fam113a	MmuINT0060512	chr2	1.3E+08	1.3E+08	-	0.302033
Fam113a	MmuINT0060513	chr2	1.3E+08	1.3E+08	-	0.131787
Fam113b	MmuINT0060517	chr15	97204581	97214458	+	0.950133
Fam114a1	MmuINT0060519	chr5	65421466	65422493	+	0.025468
Fam114a1	MmuINT0060520	chr5	65422634	65425610	+	0.051141
Fam114a1	MmuINT0060521	chr5	65425684	65429926	+	0.115032
Fam114a1	MmuINT0060522	chr5	65429981	65431862	+	0.071358
Fam114a1	MmuINT0060523	chr5	65371303	65387053	+	0.025841
Fam114a1	MmuINT0060524	chr5	65387142	65397036	+	0.03219
Fam114a1	MmuINT0060525	chr5	65397151	65397272	+	0.032874
Fam114a1	MmuINT0060526	chr5	65397383	65400226	+	0.028381
Fam114a1	MmuINT0060527	chr5	65400362	65406554	+	0.031653
Fam114a1	MmuINT0060528	chr5	65406708	65412840	+	0.026226
Fam114a1	MmuINT0060529	chr5	65412965	65419648	+	0.044875
Fam114a1	MmuINT0060530	chr5	65419741	65421303	+	0.033871
Fam114a2	MmuINT0060532	chr11	57327794	57332074	-	0.011625
Fam114a2	MmuINT0060533	chr11	57305562	57306505	-	0.003813
Fam114a2	MmuINT0060534	chr11	57303685	57305421	-	0.007905
Fam114a2	MmuINT0060535	chr11	57301123	57303611	-	0.012062
Fam114a2	MmuINT0060536	chr11	57297643	57301068	-	0.007932
Fam114a2	MmuINT0060537	chr11	57326837	57327137	-	0.006521
Fam114a2	MmuINT0060538	chr11	57322969	57326743	-	0.005559
Fam114a2	MmuINT0060539	chr11	57321130	57322879	-	0.006744
Fam114a2	MmuINT0060540	chr11	57320498	57320994	-	0.049091
Fam114a2	MmuINT0060541	chr11	57318860	57320338	-	0.052553
Fam114a2	MmuINT0060542	chr11	57313308	57318735	-	0.006065
Fam114a2	MmuINT0060543	chr11	57306629	57313227	-	0.018173
Fam115a	MmuINT0060546	chr6	42628167	42628424	-	0.040682
Fam115a	MmuINT0060547	chr6	42627543	42628068	-	0.036809
Fam115a	MmuINT0060548	chr6	42627030	42627328	-	0.034842
Fam115a	MmuINT0060549	chr6	42625379	42626789	-	0.024759
Fam115a	MmuINT0060550	chr6	42623638	42625040	-	0.029891
Fam116a	MmuINT0060559	chr14	27427699	27428021	+	0.02973
Fam116a	MmuINT0060561	chr14	27431548	27436076	+	0.039265
Fam116a	MmuINT0060562	chr14	27436143	27436379	+	0.036029
Fam116a	MmuINT0060563	chr14	27436445	27438800	+	0.062875



Fam116a	MmuINT0060564	chr14	27438891	27446191	+	0.039724
Fam116a	MmuINT0060565	chr14	27446246	27446350	+	0.032195
Fam116a	MmuINT0060566	chr14	27446461	27446804	+	0.020502
Fam116a	MmuINT0060567	chr14	27448233	27448913	+	0.021569
Fam116a	MmuINT0060571	chr14	27420011	27422533	+	0.032515
Fam116a	MmuINT0060572	chr14	27422640	27424159	+	0.030099
Fam116b	MmuINT0060576	chr15	89021460	89026649	-	0.043599
Fam116b	MmuINT0060577	chr15	89017674	89017761	-	0.016905
Fam116b	MmuINT0060579	chr15	89017250	89017385	-	0.134059
Fam116b	MmuINT0060580	chr15	89016858	89017183	-	0.279563
Fam116b	MmuINT0060581	chr15	89016692	89016792	-	0.10235
Fam116b	MmuINT0060582	chr15	89016478	89016601	-	0.016989
Fam116b	MmuINT0060583	chr15	89016078	89016423	-	0.267324
Fam116b	MmuINT0060584	chr15	89015895	89015967	-	0.140403
Fam116b	MmuINT0060585	chr15	89015697	89015791	-	0.031254
Fam116b	MmuINT0060586	chr15	89015540	89015621	-	0.057581
Fam116b	MmuINT0060587	chr15	89021348	89021420	-	0.024104
Fam116b	MmuINT0060588	chr15	89020785	89021304	-	0.024675
Fam116b	MmuINT0060589	chr15	89019949	89020671	-	0.054512
Fam116b	MmuINT0060590	chr15	89019311	89019867	-	0.082826
Fam116b	MmuINT0060591	chr15	89019122	89019204	-	0.01635
Fam116b	MmuINT0060592	chr15	89018953	89019041	-	0.065792
Fam116b	MmuINT0060593	chr15	89018640	89018889	-	0.020501
Fam116b	MmuINT0060594	chr15	89017886	89018583	-	0.020197
Fam117a	MmuINT0060599	chr11	95237078	95238796	+	0.04939
Fam117a	MmuINT0060601	chr11	95240284	95241975	+	0.182158
Fam117b	MmuINT0060602	chr1	59970597	60005896	+	0.020107
Fam117b	MmuINT0060603	chr1	60006049	60009778	+	0.015445
Fam117b	MmuINT0060604	chr1	60009869	60015165	+	0.017157
Fam117b	MmuINT0060605	chr1	60015280	60025797	+	0.018446
Fam117b	MmuINT0060606	chr1	60025942	60027329	+	0.018015
Fam117b	MmuINT0060607	chr1	60027556	60031726	+	0.014388
Fam117b	MmuINT0060608	chr1	60031848	60038252	+	0.012949
Fam118a	MmuINT0060610	chr15	84875266	84876049	+	0.043776
Fam118a	MmuINT0060611	chr15	84876303	84878788	+	0.030408
Fam118a	MmuINT0060612	chr15	84879011	84881123	+	0.044995
Fam118a	MmuINT0060613	chr15	84884287	84886083	+	0.065678
Fam118a	MmuINT0060614	chr15	84886117	84889171	+	0.031699
Fam118a	MmuINT0060615	chr15	84889256	84891961	+	0.191535
Fam118b	MmuINT0060616	chr9	35043069	35052198	-	0.011757
Fam118b	MmuINT0060618	chr9	35029251	35031198	-	0.030848
Fam118b	MmuINT0060619	chr9	35025574	35028964	-	0.038941
Fam119a	MmuINT0060622	chr1	64661784	64662846	-	0.018297
Fam119a	MmuINT0060623	chr1	64654712	64661671	-	0.046708
Fam120a	MmuINT0060624	chr13	49044673	49062723	-	0.003539
Fam120a	MmuINT0060625	chr13	48997677	49005624	-	0.01756
Fam120a	MmuINT0060626	chr13	48993144	48997426	-	0.003077
Fam120a	MmuINT0060627	chr13	48987460	48993028	-	0.002659
Fam120a	MmuINT0060628	chr13	48985308	48987249	-	0.002312
Fam120a	MmuINT0060629	chr13	48984631	48985123	-	0.003026

Fam120a	MmuINT0060631	chr13	48980739	48981105	-	0.00482
Fam120a	MmuINT0060632	chr13	48976465	48980641	-	0.01915
Fam120a	MmuINT0060633	chr13	49041394	49044425	-	0.002809
Fam120a	MmuINT0060634	chr13	49029448	49041310	-	0.003574
Fam120a	MmuINT0060635	chr13	49027763	49029318	-	0.004106
Fam120a	MmuINT0060636	chr13	49017620	49027665	-	0.003214
Fam120a	MmuINT0060637	chr13	49017335	49017521	-	0.002863
Fam120a	MmuINT0060638	chr13	49010319	49017050	-	0.003612
Fam120a	MmuINT0060639	chr13	49008454	49010230	-	0.002417
Fam120a	MmuINT0060640	chr13	49005800	49008225	-	0.008374
Fam120b	MmuINT0060641	chr17	15568593	15568730	+	0.053016
Fam120b	MmuINT0060643	chr17	15542900	15544560	+	0.009435
Fam120b	MmuINT0060644	chr17	15544663	15551642	+	0.014688
Fam120b	MmuINT0060645	chr17	15551816	15554596	+	0.017619
Fam120b	MmuINT0060646	chr17	15554690	15559841	+	0.082433
Fam120b	MmuINT0060647	chr17	15560049	15561233	+	0.087963
Fam120b	MmuINT0060648	chr17	15561343	15563152	+	0.042417
Fam120b	MmuINT0060649	chr17	15563240	15568540	+	0.017478
Fam120c	MmuINT0060653	chrX	1.48E+08	1.48E+08	+	0.017692
Fam120c	MmuINT0060654	chrX	1.48E+08	1.48E+08	+	0.019068
Fam120c	MmuINT0060655	chrX	1.48E+08	1.48E+08	+	0.102982
Fam120c	MmuINT0060656	chrX	1.48E+08	1.48E+08	+	0.058566
Fam122b	MmuINT0060666	chrX	50619297	50622052	-	0.058758
Fam122b	MmuINT0060667	chrX	50613911	50619217	-	0.060812
Fam122b	MmuINT0060669	chrX	50613474	50613722	-	0.059118
Fam122b	MmuINT0060670	chrX	50613104	50613371	-	0.036312
Fam125a	MmuINT0060684	chr8	74066957	74067031	+	0.01147
Fam125a	MmuINT0060685	chr8	74067131	74067285	+	0.0247
Fam125a	MmuINT0060686	chr8	74067383	74069122	+	0.049619
Fam125a	MmuINT0060687	chr8	74069250	74069445	+	0.009209
Fam125a	MmuINT0060688	chr8	74069566	74069648	+	0.014629
Fam125a	MmuINT0060689	chr8	74069756	74070871	+	0.098644
Fam125a	MmuINT0060690	chr8	74070934	74071476	+	0.021311
Fam125a	MmuINT0060691	chr8	74071534	74071660	+	0.022826
Fam125b	MmuINT0060693	chr2	33695787	33729857	-	0.018134
Fam125b	MmuINT0060694	chr2	33690154	33695678	-	0.012123
Fam125b	MmuINT0060695	chr2	33683332	33690056	-	0.016608
Fam125b	MmuINT0060696	chr2	33680691	33683201	-	0.010067
Fam125b	MmuINT0060697	chr2	33658360	33680567	-	0.009644
Fam125b	MmuINT0060700	chr2	33589052	33607828	-	0.034077
Fam126a	MmuINT0060701	chr5	23505838	23536296	-	0.04605
Fam126a	MmuINT0060702	chr5	23471177	23485305	-	0.359403
Fam126a	MmuINT0060704	chr5	23493883	23497553	-	0.018937
Fam126a	MmuINT0060705	chr5	23492633	23493702	-	0.021442
Fam126a	MmuINT0060706	chr5	23492072	23492551	-	0.018199
Fam126a	MmuINT0060707	chr5	23491659	23491955	-	0.01929
Fam126a	MmuINT0060708	chr5	23489085	23491562	-	0.014752
Fam126a	MmuINT0060709	chr5	23486393	23488967	-	0.01337
Fam126a	MmuINT0060710	chr5	23485466	23486304	-	0.012584
Fam126b	MmuINT0060713	chr1	58587104	58592233	-	0.063267

Fam126b	MmuINT0060716	chr1	58609174	58614115	-	0.066393
Fam126b	MmuINT0060718	chr1	58603067	58605482	-	0.061756
Fam126b	MmuINT0060719	chr1	58601607	58602950	-	0.056835
Fam126b	MmuINT0060720	chr1	58597095	58601510	-	0.088245
Fam126b	MmuINT0060721	chr1	58596491	58596977	-	0.067712
Fam129a	MmuINT0060722	chr1	1.53E+08	1.53E+08	+	0.052371
Fam129a	MmuINT0060723	chr1	1.54E+08	1.54E+08	+	0.057917
Fam129a	MmuINT0060724	chr1	1.54E+08	1.54E+08	+	0.044089
Fam129a	MmuINT0060725	chr1	1.54E+08	1.54E+08	+	0.06514
Fam129a	MmuINT0060726	chr1	1.54E+08	1.54E+08	+	0.036074
Fam129a	MmuINT0060728	chr1	1.53E+08	1.53E+08	+	0.047497
Fam129a	MmuINT0060731	chr1	1.54E+08	1.54E+08	+	0.038704
Fam129a	MmuINT0060732	chr1	1.54E+08	1.54E+08	+	0.039368
Fam129a	MmuINT0060733	chr1	1.54E+08	1.54E+08	+	0.033866
Fam129a	MmuINT0060734	chr1	1.54E+08	1.54E+08	+	0.0464
Fam129b	MmuINT0060735	chr2	32731925	32761288	+	0.024025
Fam129b	MmuINT0060736	chr2	32777745	32778077	+	0.02285
Fam129b	MmuINT0060737	chr2	32778195	32778375	+	0.020763
Fam129b	MmuINT0060738	chr2	32778484	32778566	+	0.016703
Fam129b	MmuINT0060739	chr2	32778679	32778950	+	0.017417
Fam129b	MmuINT0060740	chr2	32761420	32765368	+	0.029075
Fam129b	MmuINT0060741	chr2	32765498	32766860	+	0.018487
Fam129b	MmuINT0060742	chr2	32766967	32767939	+	0.019253
Fam129b	MmuINT0060743	chr2	32768108	32774512	+	0.017805
Fam129b	MmuINT0060744	chr2	32774629	32775015	+	0.016783
Fam129b	MmuINT0060745	chr2	32775121	32775222	+	0.017203
Fam129b	MmuINT0060746	chr2	32775386	32776472	+	0.018362
Fam129b	MmuINT0060747	chr2	32776661	32777588	+	0.033469
Fam129c	MmuINT0060749	chr8	74127979	74128636	+	0.058286
Fam129c	MmuINT0060750	chr8	74128754	74128826	+	0.254735
Fam129c	MmuINT0060751	chr8	74128935	74129505	+	0.747646
Fam129c	MmuINT0060752	chr8	74129618	74130559	+	0.336645
Fam129c	MmuINT0060753	chr8	74130644	74131439	+	0.333335
Fam131a	MmuINT0060762	chr16	20695251	20695811	+	0.013816
Fam131a	MmuINT0060763	chr16	20695955	20698994	+	0.010031
Fam131a	MmuINT0060764	chr16	20699089	20699340	+	0.005241
Fam131a	MmuINT0060765	chr16	20699524	20699701	+	0.005381
Fam131a	MmuINT0060766	chr16	20699819	20701496	+	0.01331
Fam132a	MmuINT0060780	chr4	1.55E+08	1.55E+08	+	0.023905
Fam132a	MmuINT0060781	chr4	1.55E+08	1.55E+08	+	0.013439
Fam132a	MmuINT0060782	chr4	1.55E+08	1.55E+08	+	0.036555
Fam132a	MmuINT0060783	chr4	1.55E+08	1.55E+08	+	0.02817
Fam132a	MmuINT0060784	chr4	1.55E+08	1.55E+08	+	0.030121
Fam132a	MmuINT0060785	chr4	1.55E+08	1.55E+08	+	0.048621
Fam132a	MmuINT0060786	chr4	1.55E+08	1.55E+08	+	0.052468
Fam133b	MmuINT0060794	chr5	3543948	3554638	+	0.022367
Fam133b	MmuINT0060796	chr5	3554737	3557743	+	0.022547
Fam133b	MmuINT0060797	chr5	3557823	3558472	+	0.020834
Fam133b	MmuINT0060798	chr5	3558548	3558660	+	0.050017
Fam133b	MmuINT0060799	chr5	3558694	3559096	+	0.185739

Fam133b	MmuINT0060800	chr5	3559160	3559605	+	0.005278
Fam133b	MmuINT0060801	chr5	3559699	3561038	+	0.046175
Fam134a	MmuINT0060804	chr1	75139703	75139942	+	0.03091
Fam134a	MmuINT0060805	chr1	75140050	75140496	+	0.034583
Fam134a	MmuINT0060806	chr1	75140528	75140877	+	0.08516
Fam134a	MmuINT0060807	chr1	75141014	75141195	+	0.054541
Fam134a	MmuINT0060808	chr1	75141281	75141533	+	0.033738
Fam134a	MmuINT0060809	chr1	75141678	75141832	+	0.023308
Fam134a	MmuINT0060810	chr1	75141928	75142253	+	0.099719
Fam134a	MmuINT0060811	chr1	75142390	75143003	+	0.008904
Fam134b	MmuINT0060812	chr15	25773368	25819235	+	0.027735
Fam134b	MmuINT0060813	chr15	25819343	25824867	+	0.019517
Fam134b	MmuINT0060815	chr15	25870706	25870880	+	0.984715
Fam134b	MmuINT0060816	chr15	25870999	25893978	+	0.001704
Fam134b	MmuINT0060817	chr15	25894106	25896387	+	0.014714
Fam134b	MmuINT0060818	chr15	25896473	25898161	+	0.007346
Fam134b	MmuINT0060819	chr15	25898300	25899550	+	0.005364
Fam134b	MmuINT0060820	chr15	25899616	25899852	+	0.002729
Fam134b	MmuINT0060821	chr15	25899980	25901307	+	0.00456
Fam134c	MmuINT0060822	chr11	1.01E+08	1.01E+08	-	0.012125
Fam134c	MmuINT0060823	chr11	1.01E+08	1.01E+08	-	0.021948
Fam134c	MmuINT0060824	chr11	1.01E+08	1.01E+08	-	0.048969
Fam134c	MmuINT0060825	chr11	1.01E+08	1.01E+08	-	0.123897
Fam134c	MmuINT0060826	chr11	1.01E+08	1.01E+08	-	0.015467
Fam134c	MmuINT0060827	chr11	1.01E+08	1.01E+08	-	0.019308
Fam134c	MmuINT0060828	chr11	1.01E+08	1.01E+08	-	0.024575
Fam134c	MmuINT0060829	chr11	1.01E+08	1.01E+08	-	0.016767
Fam135a	MmuINT0060832	chr1	24051109	24053196	-	0.016027
Fam135a	MmuINT0060833	chr1	24039576	24050952	-	0.022591
Fam135a	MmuINT0060834	chr1	24037736	24039501	-	0.063213
Fam135a	MmuINT0060836	chr1	24033608	24035038	-	0.057254
Fam135a	MmuINT0060837	chr1	24031713	24033446	-	0.020865
Fam135a	MmuINT0060838	chr1	24031150	24031620	-	0.027875
Fam135a	MmuINT0060839	chr1	24028845	24031051	-	0.015195
Fam135a	MmuINT0060840	chr1	24027625	24028692	-	0.014364
Fam135a	MmuINT0060841	chr1	24021732	24027513	-	0.026275
Fam135a	MmuINT0060843	chr1	24019337	24021617	-	0.022478
Fam135a	MmuINT0060844	chr1	24074818	24092249	-	0.026502
Fam135a	MmuINT0060846	chr1	24064114	24064204	-	0.042441
Fam135a	MmuINT0060848	chr1	24060970	24062582	-	0.030445
Fam135a	MmuINT0060849	chr1	24060176	24060842	-	0.020218
Fam135a	MmuINT0060850	chr1	24053247	24060021	-	0.309702
Fam13a	MmuINT0060872	chr6	58953501	58974305	-	0.025273
Fam13a	MmuINT0060873	chr6	58905292	58906030	-	0.023099
Fam13a	MmuINT0060874	chr6	58904417	58905209	-	0.014928
Fam13a	MmuINT0060875	chr6	58903528	58904195	-	0.019667
Fam13a	MmuINT0060876	chr6	58896130	58903443	-	0.035539
Fam13a	MmuINT0060877	chr6	58894199	58896033	-	0.024636
Fam13a	MmuINT0060878	chr6	58890312	58894114	-	0.076796
Fam13a	MmuINT0060879	chr6	58889392	58890114	-	0.032334

Fam13a	MmuINT0060880	chr6	58885706	58889289	-	0.022882
Fam13a	MmuINT0060881	chr6	58939780	58953458	-	0.029631
Fam13a	MmuINT0060882	chr6	58937327	58939737	-	0.026842
Fam13a	MmuINT0060883	chr6	58934070	58937149	-	0.015101
Fam13a	MmuINT0060884	chr6	58924102	58933882	-	0.024771
Fam13a	MmuINT0060885	chr6	58923192	58924024	-	0.027408
Fam13a	MmuINT0060886	chr6	58915203	58923148	-	0.020937
Fam13a	MmuINT0060887	chr6	58906853	58915054	-	0.024863
Fam13a	MmuINT0060888	chr6	58906170	58906647	-	0.014951
Fam13b	MmuINT0060889	chr18	34659507	34666182	-	0.029023
Fam13b	MmuINT0060890	chr18	34621863	34622614	-	0.017507
Fam13b	MmuINT0060891	chr18	34617529	34621714	-	0.04089
Fam13b	MmuINT0060892	chr18	34614438	34617317	-	0.014991
Fam13b	MmuINT0060893	chr18	34613770	34614307	-	0.015399
Fam13b	MmuINT0060894	chr18	34611092	34613687	-	0.021886
Fam13b	MmuINT0060895	chr18	34608106	34610861	-	0.076795
Fam13b	MmuINT0060896	chr18	34607776	34608021	-	0.162093
Fam13b	MmuINT0060897	chr18	34605270	34607679	-	0.143278
Fam13b	MmuINT0060898	chr18	34605095	34605185	-	0.06536
Fam13b	MmuINT0060899	chr18	34603657	34604930	-	0.0655
Fam13b	MmuINT0060900	chr18	34657814	34659339	-	0.061005
Fam13b	MmuINT0060901	chr18	34657201	34657621	-	0.132311
Fam13b	MmuINT0060902	chr18	34654431	34656987	-	0.132215
Fam13b	MmuINT0060903	chr18	34653953	34654252	-	0.016667
Fam13b	MmuINT0060904	chr18	34646794	34653810	-	0.017963
Fam13b	MmuINT0060905	chr18	34633340	34646632	-	0.020013
Fam13b	MmuINT0060906	chr18	34624875	34633203	-	0.029799
Fam13b	MmuINT0060907	chr18	34622664	34624809	-	0.055273
Fam13c	MmuINT0060909	chr10	70007279	70014442	+	0.037468
Fam13c	MmuINT0060911	chr10	70017338	70019987	+	0.041638
Fam13c	MmuINT0060918	chr10	69997643	69999113	+	0.047093
Fam149a	MmuINT0060921	chr8	46427869	46429811	-	0.047801
Fam149a	MmuINT0060922	chr8	46426639	46427744	-	0.143926
Fam149a	MmuINT0060924	chr8	46424727	46426336	-	0.06016
Fam149a	MmuINT0060926	chr8	46439316	46440585	-	0.054796
Fam149a	MmuINT0060927	chr8	46437143	46439172	-	0.049432
Fam149a	MmuINT0060928	chr8	46435926	46437016	-	0.060047
Fam149a	MmuINT0060929	chr8	46434496	46435754	-	0.061832
Fam149a	MmuINT0060931	chr8	46430439	46433795	-	0.048901
Fam149a	MmuINT0060932	chr8	46430016	46430325	-	0.06889
Fam149b	MmuINT0060933	chr14	21170639	21171925	+	0.005304
Fam149b	MmuINT0060934	chr14	21172062	21175576	+	0.015954
Fam149b	MmuINT0060935	chr14	21175720	21177245	+	0.019763
Fam149b	MmuINT0060936	chr14	21177363	21178976	+	0.023446
Fam149b	MmuINT0060937	chr14	21179139	21182484	+	0.01972
Fam149b	MmuINT0060938	chr14	21182673	21187067	+	0.034662
Fam149b	MmuINT0060939	chr14	21198106	21200970	+	0.046879
Fam149b	MmuINT0060940	chr14	21201044	21202138	+	0.048459
Fam149b	MmuINT0060943	chr14	21193677	21194731	+	0.01071
Fam149b	MmuINT0060944	chr14	21194836	21196996	+	0.61635

Fam149b	MmuINT0060945	chr14	21197222	21197621	+	0.127488
Fam149b	MmuINT0060946	chr14	21197746	21197985	+	0.044449
Fam151a	MmuINT0060958	chr4	1.06E+08	1.06E+08	+	0.990574
Fam151a	MmuINT0060959	chr4	1.06E+08	1.06E+08	+	0.991888
Fam151b	MmuINT0060961	chr13	93247909	93253882	-	0.1787
Fam151b	MmuINT0060964	chr13	93237068	93237899	-	0.063342
Fam151b	MmuINT0060965	chr13	93220208	93236931	-	0.087146
Fam158a	MmuINT0060973	chr14	56203593	56203748	-	0.003406
Fam158a	MmuINT0060974	chr14	56200963	56203515	-	0.065508
Fam158a	MmuINT0060975	chr14	56200813	56200892	-	0.015135
Fam158a	MmuINT0060976	chr14	56200581	56200717	-	0.041915
Fam160a1	MmuINT0060982	chr3	85469414	85469709	-	0.008345
Fam160a1	MmuINT0060983	chr3	85465141	85469274	-	0.010922
Fam160a1	MmuINT0060984	chr3	85534808	85545072	-	0.0075
Fam160a1	MmuINT0060985	chr3	85526473	85534180	-	0.011916
Fam160a1	MmuINT0060986	chr3	85524425	85526313	-	0.011009
Fam160a1	MmuINT0060987	chr3	85492521	85524337	-	0.01149
Fam160a1	MmuINT0060988	chr3	85487582	85492352	-	0.008595
Fam160a1	MmuINT0060989	chr3	85480184	85487501	-	0.008068
Fam160a1	MmuINT0060990	chr3	85477402	85479992	-	0.020634
Fam160a1	MmuINT0060991	chr3	85469889	85476144	-	0.018404
Fam160a2	MmuINT0060992	chr7	1.13E+08	1.13E+08	-	0.03035
Fam160a2	MmuINT0060993	chr7	1.13E+08	1.13E+08	-	0.031771
Fam160a2	MmuINT0060994	chr7	1.13E+08	1.13E+08	-	0.019516
Fam160a2	MmuINT0060995	chr7	1.13E+08	1.13E+08	-	0.013199
Fam160a2	MmuINT0060996	chr7	1.13E+08	1.13E+08	-	0.130586
Fam160a2	MmuINT0060997	chr7	1.13E+08	1.13E+08	-	0.020254
Fam160a2	MmuINT0060998	chr7	1.13E+08	1.13E+08	-	0.013717
Fam160a2	MmuINT0060999	chr7	1.13E+08	1.13E+08	-	0.037442
Fam160a2	MmuINT0061000	chr7	1.13E+08	1.13E+08	-	0.019238
Fam160a2	MmuINT0061001	chr7	1.13E+08	1.13E+08	-	0.222691
Fam160a2	MmuINT0061002	chr7	1.13E+08	1.13E+08	-	0.137028
Fam160b1	MmuINT0061003	chr19	57435861	57443013	+	0.039738
Fam160b1	MmuINT0061004	chr19	57455915	57456213	+	0.067125
Fam160b1	MmuINT0061005	chr19	57456384	57456708	+	0.06793
Fam160b1	MmuINT0061006	chr19	57456850	57457656	+	0.041908
Fam160b1	MmuINT0061007	chr19	57457748	57458609	+	0.028496
Fam160b1	MmuINT0061008	chr19	57458754	57459743	+	0.026278
Fam160b1	MmuINT0061009	chr19	57459885	57460769	+	0.022513
Fam160b1	MmuINT0061010	chr19	57460874	57460960	+	0.031155
Fam160b1	MmuINT0061011	chr19	57443093	57445643	+	0.034467
Fam160b1	MmuINT0061012	chr19	57445814	57447429	+	0.058802
Fam160b1	MmuINT0061013	chr19	57447535	57447769	+	0.030248
Fam160b1	MmuINT0061014	chr19	57447893	57453038	+	0.028841
Fam160b1	MmuINT0061015	chr19	57453333	57453468	+	0.025613
Fam160b1	MmuINT0061016	chr19	57453666	57455089	+	0.100105
Fam160b1	MmuINT0061017	chr19	57455205	57455561	+	0.056921
Fam160b1	MmuINT0061018	chr19	57455639	57455721	+	0.061335
Fam160b2	MmuINT0061020	chr14	70986759	70987357	-	0.081752
Fam160b2	MmuINT0061021	chr14	70986506	70986612	-	0.023931

Fam160b2	MmuINT0061022	chr14	70986255	70986376	-	0.138156
Fam160b2	MmuINT0061023	chr14	70986026	70986163	-	0.058642
Fam160b2	MmuINT0061024	chr14	70985567	70985881	-	0.022111
Fam160b2	MmuINT0061025	chr14	70985247	70985425	-	0.017645
Fam160b2	MmuINT0061026	chr14	70984991	70985145	-	0.013369
Fam160b2	MmuINT0061027	chr14	70991555	70993775	-	0.022607
Fam160b2	MmuINT0061028	chr14	70990252	70991381	-	0.02715
Fam160b2	MmuINT0061029	chr14	70990059	70990146	-	0.044488
Fam160b2	MmuINT0061030	chr14	70988929	70989935	-	0.03719
Fam160b2	MmuINT0061031	chr14	70988607	70988682	-	0.020404
Fam160b2	MmuINT0061032	chr14	70988178	70988409	-	0.022495
Fam160b2	MmuINT0061033	chr14	70987846	70988068	-	0.032117
Fam160b2	MmuINT0061034	chr14	70987548	70987768	-	0.011982
Fam161b	MmuINT0061038	chr12	85698801	85702641	-	0.019426
Fam161b	MmuINT0061039	chr12	85697428	85698477	-	0.019674
Fam161b	MmuINT0061040	chr12	85695998	85696873	-	0.029665
Fam161b	MmuINT0061041	chr12	85694878	85695659	-	0.014328
Fam161b	MmuINT0061042	chr12	85689721	85694749	-	0.060202
Fam161b	MmuINT0061043	chr12	85689327	85689555	-	0.132273
Fam161b	MmuINT0061044	chr12	85687886	85689226	-	0.072142
Fam162a	MmuINT0061045	chr16	36052495	36071555	-	0.0033
Fam162a	MmuINT0061046	chr16	36050037	36052371	-	0.000679
Fam162a	MmuINT0061047	chr16	36046574	36049927	-	0.005323
Fam162a	MmuINT0061048	chr16	36044178	36046464	-	0.002954
Fam164a	MmuINT0061058	chr3	7503528	7516455	+	0.057694
Fam164a	MmuINT0061059	chr3	7516533	7518363	+	0.027662
Fam164a	MmuINT0061060	chr3	7518481	7524125	+	0.029852
Fam164a	MmuINT0061061	chr3	7524268	7526268	+	0.036709
Fam164a	MmuINT0061062	chr3	7526418	7528029	+	0.058852
Fam164a	MmuINT0061063	chr3	7528130	7528584	+	0.026001
Fam164a	MmuINT0061064	chr3	7528685	7539075	+	0.033969
Fam164a	MmuINT0061065	chr3	7539184	7551382	+	0.044636
Fam164c	MmuINT0061072	chr12	86631832	86637351	+	0.048144
Fam165b	MmuINT0061073	chr16	92301589	92305532	+	0.002935
Fam165b	MmuINT0061074	chr16	92305643	92311045	+	0.006503
Fam165b	MmuINT0061075	chr16	92311215	92313106	+	0.007959
Fam168a	MmuINT0061092	chr7	1.08E+08	1.08E+08	+	0.017615
Fam168a	MmuINT0061093	chr7	1.08E+08	1.08E+08	+	0.081051
Fam168a	MmuINT0061094	chr7	1.08E+08	1.08E+08	+	0.064217
Fam168a	MmuINT0061095	chr7	1.08E+08	1.08E+08	+	0.018723
Fam168a	MmuINT0061096	chr7	1.08E+08	1.08E+08	+	0.013578
Fam168a	MmuINT0061097	chr7	1.08E+08	1.08E+08	+	0.010167
Fam168b	MmuINT0061101	chr1	34893659	34899672	-	0.023134
Fam168b	MmuINT0061102	chr1	34885693	34893577	-	0.014468
Fam168b	MmuINT0061103	chr1	34876855	34885611	-	0.016796
Fam168b	MmuINT0061104	chr1	34874972	34876436	-	0.035236
Fam168b	MmuINT0061105	chr1	34874250	34874841	-	0.080942
Fam171a1	MmuINT0061131	chr2	3035925	3095507	+	0.041351
Fam171a1	MmuINT0061132	chr2	3095736	3103694	+	0.021221
Fam171a1	MmuINT0061133	chr2	3103788	3114548	+	0.026067

Fam171a1	MmuINT0061134	chr2	3114708	3119816	+	0.032956
Fam171a1	MmuINT0061135	chr2	3119994	3137524	+	0.022446
Fam171a1	MmuINT0061136	chr2	3137642	3140741	+	0.069741
Fam171a1	MmuINT0061137	chr2	3140857	3142089	+	0.034652
Fam171a2	MmuINT0061141	chr11	1.02E+08	1.02E+08	-	0.093191
Fam171a2	MmuINT0061142	chr11	1.02E+08	1.02E+08	-	0.062269
Fam171a2	MmuINT0061143	chr11	1.02E+08	1.02E+08	-	0.093721
Fam171a2	MmuINT0061144	chr11	1.02E+08	1.02E+08	-	0.101702
Fam172a	MmuINT0061154	chr13	77848115	77898688	+	0.025866
Fam172a	MmuINT0061155	chr13	77898791	77901098	+	0.031164
Fam172a	MmuINT0061156	chr13	77901200	77964583	+	0.053431
Fam172a	MmuINT0061158	chr13	78042137	78091245	+	0.030299
Fam172a	MmuINT0061159	chr13	78091366	78138846	+	0.026954
Fam172a	MmuINT0061160	chr13	78138964	78145648	+	0.033054
Fam172a	MmuINT0061161	chr13	78145734	78302773	+	0.080917
Fam173a	MmuINT0061166	chr17	25928622	25928997	-	0.302873
Fam173a	MmuINT0061167	chr17	25928432	25928516	-	0.166068
Fam173a	MmuINT0061168	chr17	25927929	25928290	-	0.020214
Fam173a	MmuINT0061169	chr17	25927724	25927877	-	0.014452
Fam173b	MmuINT0061170	chr15	31531905	31535665	+	0.240079
Fam173b	MmuINT0061171	chr15	31535944	31537850	+	0.04512
Fam173b	MmuINT0061172	chr15	31537989	31539320	+	0.033733
Fam173b	MmuINT0061173	chr15	31539372	31546625	+	0.040525
Fam174a	MmuINT0061174	chr1	97210828	97221685	+	0.002011
Fam174a	MmuINT0061175	chr1	97221821	97230512	+	0.004201
Fam174b	MmuINT0061176	chr7	80885715	80911372	+	0.003879
Fam174b	MmuINT0061177	chr7	80911505	80919781	+	0.001466
Fam175a	MmuINT0061178	chr5	1.01E+08	1.01E+08	-	0.024552
Fam175a	MmuINT0061179	chr5	1.01E+08	1.01E+08	-	0.023455
Fam175a	MmuINT0061180	chr5	1.01E+08	1.01E+08	-	0.063712
Fam175a	MmuINT0061181	chr5	1.01E+08	1.01E+08	-	0.111315
Fam175a	MmuINT0061183	chr5	1.01E+08	1.01E+08	-	0.021924
Fam175a	MmuINT0061184	chr5	1.01E+08	1.01E+08	-	0.050546
Fam175a	MmuINT0061185	chr5	1.01E+08	1.01E+08	-	0.05471
Fam175b	MmuINT0061186	chr7	1.4E+08	1.4E+08	+	0.026408
Fam175b	MmuINT0061187	chr7	1.4E+08	1.4E+08	+	0.017488
Fam175b	MmuINT0061188	chr7	1.4E+08	1.4E+08	+	0.051094
Fam175b	MmuINT0061189	chr7	1.4E+08	1.4E+08	+	0.054895
Fam175b	MmuINT0061190	chr7	1.4E+08	1.4E+08	+	0.04795
Fam175b	MmuINT0061191	chr7	1.4E+08	1.4E+08	+	0.014258
Fam175b	MmuINT0061192	chr7	1.4E+08	1.4E+08	+	0.013046
Fam175b	MmuINT0061193	chr7	1.4E+08	1.4E+08	+	0.021305
Fam176a	MmuINT0061195	chr6	82021237	82041787	+	0.155768
Fam176b	MmuINT0061196	chr4	1.26E+08	1.26E+08	+	0.205927
Fam176b	MmuINT0061197	chr4	1.26E+08	1.26E+08	+	0.102688
Fam178a	MmuINT0061202	chr19	45005941	45008601	+	0.042974
Fam178a	MmuINT0061203	chr19	45033571	45035223	+	0.017005
Fam178a	MmuINT0061204	chr19	45035366	45041456	+	0.015097
Fam178a	MmuINT0061205	chr19	45041560	45041992	+	0.016504
Fam178a	MmuINT0061206	chr19	45042170	45043526	+	0.037392



Fam178a	MmuINT0061207	chr19	45043625	45046087	+	0.031593
Fam178a	MmuINT0061208	chr19	45046176	45047623	+	0.034399
Fam178a	MmuINT0061209	chr19	45047756	45048097	+	0.044231
Fam178a	MmuINT0061210	chr19	45048176	45050118	+	0.02452
Fam178a	MmuINT0061211	chr19	45050206	45053650	+	0.033349
Fam178a	MmuINT0061212	chr19	45053720	45055045	+	0.06911
Fam178a	MmuINT0061214	chr19	45010157	45012854	+	0.016563
Fam178a	MmuINT0061216	chr19	45016917	45017938	+	0.022353
Fam178a	MmuINT0061217	chr19	45018010	45022419	+	0.01794
Fam178a	MmuINT0061218	chr19	45022543	45023461	+	0.032843
Fam178a	MmuINT0061219	chr19	45023630	45026558	+	0.026974
Fam178a	MmuINT0061220	chr19	45026662	45033494	+	0.019471
Fam179a	MmuINT0061235	chr17	72050385	72054027	+	0.151586
Fam179a	MmuINT0061236	chr17	72054182	72055118	+	0.054561
Fam179a	MmuINT0061237	chr17	72055225	72056418	+	0.039167
Fam179a	MmuINT0061238	chr17	72056655	72058848	+	0.074078
Fam179a	MmuINT0061239	chr17	72059008	72063575	+	0.041173
Fam179a	MmuINT0061240	chr17	72063694	72064017	+	0.073892
Fam179a	MmuINT0061242	chr17	72065858	72066589	+	0.02834
Fam179a	MmuINT0061243	chr17	72066807	72074311	+	0.037756
Fam179a	MmuINT0061244	chr17	72074399	72078527	+	0.019979
Fam179a	MmuINT0061251	chr17	72047337	72049844	+	0.02355
Fam179a	MmuINT0061252	chr17	72049996	72050219	+	0.044814
Fam179b	MmuINT0061254	chr12	66098033	66103594	+	0.023041
Fam179b	MmuINT0061255	chr12	66103749	66107305	+	0.024135
Fam179b	MmuINT0061256	chr12	66107412	66107861	+	0.021351
Fam179b	MmuINT0061257	chr12	66108098	66109536	+	0.021174
Fam179b	MmuINT0061258	chr12	66109696	66112099	+	0.047049
Fam179b	MmuINT0061259	chr12	66112227	66113821	+	0.077243
Fam179b	MmuINT0061260	chr12	66113941	66117467	+	0.020269
Fam179b	MmuINT0061261	chr12	66117658	66120118	+	0.062259
Fam179b	MmuINT0061262	chr12	66120339	66121300	+	0.027362
Fam179b	MmuINT0061263	chr12	66121388	66122426	+	0.030661
Fam179b	MmuINT0061264	chr12	66077839	66079155	+	0.022752
Fam179b	MmuINT0061265	chr12	66079291	66081569	+	0.027589
Fam179b	MmuINT0061266	chr12	66081867	66083432	+	0.083959
Fam179b	MmuINT0061267	chr12	66083696	66084314	+	0.024815
Fam179b	MmuINT0061268	chr12	66084554	66087379	+	0.06782
Fam179b	MmuINT0061269	chr12	66087478	66093531	+	0.045234
Fam179b	MmuINT0061270	chr12	66093628	66096492	+	0.030546
Fam179b	MmuINT0061271	chr12	66096669	66097878	+	0.025991
Fam184a	MmuINT0061294	chr10	53394523	53394941	-	0.783842
Fam185a	MmuINT0061311	chr5	20931395	20935541	+	0.013837
Fam185a	MmuINT0061312	chr5	20935652	20939508	+	0.014721
Fam185a	MmuINT0061313	chr5	20939602	20944517	+	0.019957
Fam185a	MmuINT0061314	chr5	20944657	20953133	+	0.024028
Fam185a	MmuINT0061315	chr5	20953176	20961599	+	0.026032
Fam185a	MmuINT0061316	chr5	20961696	20964976	+	0.010859
Fam185a	MmuINT0061317	chr5	20965112	20986149	+	0.010421
Fam188a	MmuINT0061331	chr2	12331708	12340785	-	0.035789

Fam188a	MmuINT0061332	chr2	12286147	12303729	-	0.023946
Fam188a	MmuINT0061333	chr2	12278605	12286073	-	0.035404
Fam188a	MmuINT0061334	chr2	12276992	12278531	-	0.079597
Fam188a	MmuINT0061335	chr2	12272628	12276903	-	0.038368
Fam188a	MmuINT0061336	chr2	12269831	12272555	-	0.054376
Fam188a	MmuINT0061337	chr2	12327548	12331627	-	0.039656
Fam188a	MmuINT0061338	chr2	12325796	12327486	-	0.104538
Fam188a	MmuINT0061340	chr2	12321765	12322651	-	0.148738
Fam188a	MmuINT0061341	chr2	12319194	12321649	-	0.086764
Fam188a	MmuINT0061342	chr2	12317886	12319119	-	0.021669
Fam188a	MmuINT0061344	chr2	12303811	12308235	-	0.034793
Fam188b	MmuINT0061349	chr6	55258330	55259255	+	0.062594
Fam188b	MmuINT0061350	chr6	55259329	55268256	+	0.079243
Fam189a2	MmuINT0061369	chr19	24096153	24105037	-	0.005323
Fam189a2	MmuINT0061370	chr19	24048122	24049850	-	0.004571
Fam189a2	MmuINT0061371	chr19	24069382	24096095	-	0.004446
Fam189a2	MmuINT0061372	chr19	24063066	24069270	-	0.003238
Fam189a2	MmuINT0061373	chr19	24061007	24062936	-	0.00263
Fam189a2	MmuINT0061374	chr19	24059333	24060898	-	0.003595
Fam189a2	MmuINT0061375	chr19	24054206	24059198	-	0.004893
Fam189a2	MmuINT0061376	chr19	24053959	24054075	-	0.003579
Fam189a2	MmuINT0061377	chr19	24052605	24053879	-	0.02191
Fam189a2	MmuINT0061378	chr19	24050144	24052451	-	0.03405
Fam189b	MmuINT0061380	chr3	88992067	88992144	+	0.173107
Fam189b	MmuINT0061381	chr3	88992399	88992487	+	0.055333
Fam189b	MmuINT0061385	chr3	88988919	88989355	+	0.05347
Fam189b	MmuINT0061389	chr3	88991527	88991997	+	0.062354
Fam18b	MmuINT0061394	chr11	62693098	62695438	+	0.020676
Fam18b	MmuINT0061395	chr11	62695522	62697128	+	0.017805
Fam18b	MmuINT0061396	chr11	62697274	62698577	+	0.013201
Fam18b	MmuINT0061397	chr11	62698668	62699690	+	0.015903
Fam18b	MmuINT0061398	chr11	62699823	62705443	+	0.031658
Fam18b	MmuINT0061399	chr11	62705573	62707623	+	0.012921
Fam192a	MmuINT0061410	chr8	97113308	97125396	-	0.014409
Fam192a	MmuINT0061411	chr8	97112814	97113210	-	0.007442
Fam192a	MmuINT0061412	chr8	97112002	97112675	-	0.005665
Fam192a	MmuINT0061413	chr8	97111346	97111902	-	0.007122
Fam192a	MmuINT0061414	chr8	97106915	97111223	-	0.009865
Fam192a	MmuINT0061415	chr8	97103365	97106783	-	0.013074
Fam192a	MmuINT0061416	chr8	97099758	97103299	-	0.008473
Fam193a	MmuINT0061417	chr5	34763601	34768915	+	0.025483
Fam193a	MmuINT0061418	chr5	34787563	34800553	+	0.019662
Fam193a	MmuINT0061419	chr5	34800753	34801646	+	0.019558
Fam193a	MmuINT0061421	chr5	34804027	34804732	+	0.020706
Fam193a	MmuINT0061422	chr5	34804917	34806622	+	0.030819
Fam193a	MmuINT0061423	chr5	34806854	34808222	+	0.00948
Fam193a	MmuINT0061424	chr5	34809097	34818374	+	0.029521
Fam193a	MmuINT0061425	chr5	34818457	34828302	+	0.048583
Fam193a	MmuINT0061426	chr5	34769151	34773780	+	0.063863
Fam193a	MmuINT0061427	chr5	34773906	34779099	+	0.031321

Fam193a	MmuINT0061428	chr5	34779248	34781959	+	0.021273
Fam193a	MmuINT0061429	chr5	34782038	34782769	+	0.029686
Fam193a	MmuINT0061430	chr5	34782883	34782996	+	0.038566
Fam193a	MmuINT0061432	chr5	34786104	34786227	+	0.023337
Fam193a	MmuINT0061433	chr5	34786408	34787310	+	0.020288
Fam193b	MmuINT0061434	chr13	55641074	55642984	-	0.022276
Fam193b	MmuINT0061436	chr13	55655810	55657343	-	0.051726
Fam193b	MmuINT0061437	chr13	55654711	55655577	-	0.020739
Fam193b	MmuINT0061438	chr13	55651769	55654322	-	0.051554
Fam193b	MmuINT0061439	chr13	55650719	55651584	-	0.184619
Fam193b	MmuINT0061440	chr13	55645151	55650478	-	0.020611
Fam193b	MmuINT0061441	chr13	55644019	55644144	-	0.128706
Fam193b	MmuINT0061442	chr13	55643083	55643942	-	0.046064
Fam195a	MmuINT0061456	chr17	26005489	26005569	-	0.080398
Fam195a	MmuINT0061457	chr17	26001667	26005358	-	0.031476
Fam195a	MmuINT0061458	chr17	26001298	26001538	-	0.024758
Fam195a	MmuINT0061459	chr17	26000985	26001195	-	0.049966
Fam195b	MmuINT0061460	chr11	1.2E+08	1.2E+08	-	0.189325
Fam195b	MmuINT0061461	chr11	1.2E+08	1.2E+08	-	0.035693
Fam195b	MmuINT0061462	chr11	1.2E+08	1.2E+08	-	0.006696
Fam195b	MmuINT0061463	chr11	1.2E+08	1.2E+08	-	0.016482
Fam198b	MmuINT0061474	chr3	79691053	79712510	+	0.01399
Fam198b	MmuINT0061475	chr3	79712726	79740516	+	0.012963
Fam198b	MmuINT0061476	chr3	79740744	79745216	+	0.022142
Fam199x	MmuINT0061477	chrX	1.34E+08	1.34E+08	+	0.058357
Fam199x	MmuINT0061479	chrX	1.34E+08	1.34E+08	+	0.057249
Fam199x	MmuINT0061480	chrX	1.34E+08	1.34E+08	+	0.058285
Fam199x	MmuINT0061481	chrX	1.34E+08	1.34E+08	+	0.056004
Fam19a5	MmuINT0061502	chr15	87455917	87511909	+	0.03536
Fam19a5	MmuINT0061503	chr15	87512060	87550931	+	0.025347
Fam19a5	MmuINT0061504	chr15	87551060	87587726	+	0.026541
Fam20a	MmuINT0061506	chr11	1.1E+08	1.1E+08	-	0.052011
Fam20a	MmuINT0061510	chr11	1.1E+08	1.1E+08	-	0.060596
Fam20a	MmuINT0061511	chr11	1.1E+08	1.1E+08	-	0.069578
Fam20a	MmuINT0061512	chr11	1.1E+08	1.1E+08	-	0.442082
Fam20a	MmuINT0061513	chr11	1.1E+08	1.1E+08	-	0.10844
Fam20b	MmuINT0061515	chr1	1.59E+08	1.59E+08	-	0.027611
Fam20b	MmuINT0061516	chr1	1.59E+08	1.59E+08	-	0.005609
Fam20b	MmuINT0061517	chr1	1.59E+08	1.59E+08	-	0.00581
Fam20b	MmuINT0061518	chr1	1.59E+08	1.59E+08	-	0.004014
Fam20b	MmuINT0061519	chr1	1.59E+08	1.59E+08	-	0.003277
Fam20b	MmuINT0061520	chr1	1.59E+08	1.59E+08	-	0.00553
Fam20b	MmuINT0061521	chr1	1.59E+08	1.59E+08	-	0.009936
Fam20c	MmuINT0061522	chr5	1.39E+08	1.39E+08	+	0.023417
Fam20c	MmuINT0061523	chr5	1.39E+08	1.39E+08	+	0.014877
Fam20c	MmuINT0061524	chr5	1.39E+08	1.39E+08	+	0.028518
Fam20c	MmuINT0061525	chr5	1.39E+08	1.39E+08	+	0.021005
Fam20c	MmuINT0061526	chr5	1.39E+08	1.39E+08	+	0.015858
Fam20c	MmuINT0061527	chr5	1.39E+08	1.39E+08	+	0.017905
Fam20c	MmuINT0061528	chr5	1.39E+08	1.39E+08	+	0.014738

Fam20c	MmuINT0061529	chr5	1.39E+08	1.39E+08	+	0.036788
Fam20c	MmuINT0061530	chr5	1.39E+08	1.39E+08	+	0.031625
Fam32a	MmuINT0061539	chr8	74743760	74743839	+	0.024181
Fam32a	MmuINT0061540	chr8	74743982	74745826	+	0.001394
Fam32a	MmuINT0061541	chr8	74745881	74746080	+	0.004479
Fam33a	MmuINT0061542	chr11	86922807	86929605	+	0.094724
Fam35a	MmuINT0061545	chr14	35122281	35123352	-	0.050648
Fam35a	MmuINT0061546	chr14	35050773	35052023	-	0.080979
Fam35a	MmuINT0061553	chr14	35054702	35058347	-	0.051813
Fam35a	MmuINT0061554	chr14	35052140	35054472	-	0.035857
Fam36a	MmuINT0061556	chr1	1.8E+08	1.8E+08	+	0.069462
Fam38a	MmuINT0061562	chr8	1.25E+08	1.25E+08	-	0.039667
Fam38a	MmuINT0061563	chr8	1.25E+08	1.25E+08	-	0.023227
Fam38a	MmuINT0061564	chr8	1.25E+08	1.25E+08	-	0.022913
Fam38a	MmuINT0061565	chr8	1.25E+08	1.25E+08	-	0.037178
Fam38a	MmuINT0061566	chr8	1.25E+08	1.25E+08	-	0.188954
Fam38a	MmuINT0061567	chr8	1.25E+08	1.25E+08	-	0.025
Fam38a	MmuINT0061568	chr8	1.25E+08	1.25E+08	-	0.030163
Fam38a	MmuINT0061570	chr8	1.25E+08	1.25E+08	-	0.038067
Fam38a	MmuINT0061571	chr8	1.25E+08	1.25E+08	-	0.026918
Fam38a	MmuINT0061572	chr8	1.25E+08	1.25E+08	-	0.023724
Fam38a	MmuINT0061573	chr8	1.25E+08	1.25E+08	-	0.026372
Fam38a	MmuINT0061574	chr8	1.25E+08	1.25E+08	-	0.037905
Fam38a	MmuINT0061575	chr8	1.25E+08	1.25E+08	-	0.028323
Fam38a	MmuINT0061576	chr8	1.25E+08	1.25E+08	-	0.023656
Fam38a	MmuINT0061577	chr8	1.25E+08	1.25E+08	-	0.025255
Fam38a	MmuINT0061578	chr8	1.25E+08	1.25E+08	-	0.029247
Fam38a	MmuINT0061579	chr8	1.25E+08	1.25E+08	-	0.045191
Fam38a	MmuINT0061580	chr8	1.25E+08	1.25E+08	-	0.063247
Fam38a	MmuINT0061581	chr8	1.25E+08	1.25E+08	-	0.095892
Fam38a	MmuINT0061582	chr8	1.25E+08	1.25E+08	-	0.062868
Fam38a	MmuINT0061583	chr8	1.25E+08	1.25E+08	-	0.129762
Fam38a	MmuINT0061584	chr8	1.25E+08	1.25E+08	-	0.048859
Fam38a	MmuINT0061585	chr8	1.25E+08	1.25E+08	-	0.033207
Fam38a	MmuINT0061586	chr8	1.25E+08	1.25E+08	-	0.122906
Fam38a	MmuINT0061587	chr8	1.25E+08	1.25E+08	-	0.033333
Fam38a	MmuINT0061588	chr8	1.25E+08	1.25E+08	-	0.024995
Fam38a	MmuINT0061589	chr8	1.25E+08	1.25E+08	-	0.011002
Fam38a	MmuINT0061590	chr8	1.25E+08	1.25E+08	-	0.019148
Fam38a	MmuINT0061592	chr8	1.25E+08	1.25E+08	-	0.022112
Fam38a	MmuINT0061593	chr8	1.25E+08	1.25E+08	-	0.025101
Fam38a	MmuINT0061594	chr8	1.25E+08	1.25E+08	-	0.023284
Fam38a	MmuINT0061595	chr8	1.25E+08	1.25E+08	-	0.043357
Fam38a	MmuINT0061596	chr8	1.25E+08	1.25E+08	-	0.171707
Fam38a	MmuINT0061597	chr8	1.25E+08	1.25E+08	-	0.053377
Fam38a	MmuINT0061598	chr8	1.25E+08	1.25E+08	-	0.078223
Fam38a	MmuINT0061599	chr8	1.25E+08	1.25E+08	-	0.08008
Fam38a	MmuINT0061600	chr8	1.25E+08	1.25E+08	-	0.053968
Fam38a	MmuINT0061601	chr8	1.25E+08	1.25E+08	-	0.031932
Fam38a	MmuINT0061603	chr8	1.25E+08	1.25E+08	-	0.056846

Fam38a	MmuINT0061604	chr8	1.25E+08	1.25E+08	-	0.033796
Fam38a	MmuINT0061605	chr8	1.25E+08	1.25E+08	-	0.040227
Fam38a	MmuINT0061606	chr8	1.25E+08	1.25E+08	-	0.025743
Fam3a	MmuINT0061659	chrX	71636444	71638013	-	0.013346
Fam3a	MmuINT0061660	chrX	71635837	71636329	-	0.010349
Fam3a	MmuINT0061661	chrX	71633091	71635812	-	0.019941
Fam3a	MmuINT0061662	chrX	71632836	71632966	-	0.016391
Fam3a	MmuINT0061663	chrX	71632424	71632776	-	0.02776
Fam3a	MmuINT0061664	chrX	71632056	71632372	-	0.173361
Fam3a	MmuINT0061665	chrX	71631888	71631970	-	0.038333
Fam3a	MmuINT0061666	chrX	71630775	71631760	-	0.064773
Fam3c	MmuINT0061674	chr6	22293320	22305994	-	0.020275
Fam3c	MmuINT0061675	chr6	22289378	22293265	-	0.027007
Fam3c	MmuINT0061676	chr6	22279609	22289272	-	0.012184
Fam3c	MmuINT0061677	chr6	22278679	22279578	-	0.011943
Fam3c	MmuINT0061678	chr6	22272349	22278554	-	0.010619
Fam3c	MmuINT0061679	chr6	22271380	22272289	-	0.015721
Fam3c	MmuINT0061680	chr6	22269019	22271328	-	0.017448
Fam3c	MmuINT0061681	chr6	22259454	22268933	-	0.019465
Fam3c	MmuINT0061682	chr6	22258539	22259326	-	0.015394
Fam40a	MmuINT0061683	chr3	1.07E+08	1.07E+08	-	0.017105
Fam40a	MmuINT0061684	chr3	1.07E+08	1.07E+08	-	0.019045
Fam40a	MmuINT0061685	chr3	1.07E+08	1.07E+08	-	0.070684
Fam40a	MmuINT0061686	chr3	1.07E+08	1.07E+08	-	0.121923
Fam40a	MmuINT0061688	chr3	1.07E+08	1.07E+08	-	0.009191
Fam40a	MmuINT0061689	chr3	1.07E+08	1.07E+08	-	0.050836
Fam40a	MmuINT0061690	chr3	1.07E+08	1.07E+08	-	0.056041
Fam40a	MmuINT0061691	chr3	1.07E+08	1.07E+08	-	0.090769
Fam40a	MmuINT0061692	chr3	1.07E+08	1.07E+08	-	0.032688
Fam40a	MmuINT0061694	chr3	1.07E+08	1.07E+08	-	0.02163
Fam40a	MmuINT0061695	chr3	1.07E+08	1.07E+08	-	0.026563
Fam40a	MmuINT0061696	chr3	1.07E+08	1.07E+08	-	0.022212
Fam40a	MmuINT0061697	chr3	1.07E+08	1.07E+08	-	0.026535
Fam40a	MmuINT0061698	chr3	1.07E+08	1.07E+08	-	0.063102
Fam40a	MmuINT0061699	chr3	1.07E+08	1.07E+08	-	0.018418
Fam40a	MmuINT0061700	chr3	1.07E+08	1.07E+08	-	0.017105
Fam40a	MmuINT0061701	chr3	1.07E+08	1.07E+08	-	0.017178
Fam40a	MmuINT0061702	chr3	1.07E+08	1.07E+08	-	0.008056
Fam40b	MmuINT0061703	chr6	29867231	29870461	+	0.006274
Fam40b	MmuINT0061704	chr6	29881356	29881763	+	0.012817
Fam40b	MmuINT0061705	chr6	29881830	29882202	+	0.005382
Fam40b	MmuINT0061706	chr6	29882267	29882989	+	0.020104
Fam40b	MmuINT0061707	chr6	29883062	29887580	+	0.011943
Fam40b	MmuINT0061708	chr6	29887656	29888461	+	0.005263
Fam40b	MmuINT0061709	chr6	29888560	29889036	+	0.014173
Fam40b	MmuINT0061710	chr6	29889164	29891838	+	0.012118
Fam40b	MmuINT0061711	chr6	29891940	29894425	+	0.005929
Fam40b	MmuINT0061712	chr6	29894493	29903348	+	0.01217
Fam40b	MmuINT0061713	chr6	29870532	29873914	+	0.012391
Fam40b	MmuINT0061714	chr6	29905637	29906657	+	0.00712

Fam40b	MmuINT0061715	chr6	29873990	29874965	+	0.011639
Fam40b	MmuINT0061716	chr6	29875104	29876556	+	0.008144
Fam40b	MmuINT0061717	chr6	29876678	29877320	+	0.012887
Fam40b	MmuINT0061718	chr6	29877390	29877586	+	0.01203
Fam40b	MmuINT0061719	chr6	29877694	29878434	+	0.012157
Fam40b	MmuINT0061720	chr6	29878563	29879779	+	0.006296
Fam40b	MmuINT0061721	chr6	29879984	29881119	+	0.003762
Fam45a	MmuINT0061723	chr19	60887577	60890514	+	0.124175
Fam45a	MmuINT0061724	chr19	60890712	60893433	+	0.030398
Fam45a	MmuINT0061725	chr19	60893514	60897109	+	0.023545
Fam45a	MmuINT0061726	chr19	60897259	60898197	+	0.029952
Fam45a	MmuINT0061727	chr19	60898310	60901733	+	0.047199
Fam45a	MmuINT0061728	chr19	60901835	60906689	+	0.083058
Fam45a	MmuINT0061729	chr19	60908582	60910728	+	0.037239
Fam46a	MmuINT0061731	chr9	85218841	85219865	-	0.043623
Fam48a	MmuINT0061750	chr3	54497131	54499044	+	0.084151
Fam48a	MmuINT0061751	chr3	54512319	54512952	+	0.016147
Fam48a	MmuINT0061752	chr3	54513110	54513194	+	0.018753
Fam48a	MmuINT0061753	chr3	54513252	54514322	+	0.027618
Fam48a	MmuINT0061754	chr3	54514395	54516013	+	0.058518
Fam48a	MmuINT0061755	chr3	54516172	54517097	+	0.067819
Fam48a	MmuINT0061756	chr3	54517125	54517654	+	0.028282
Fam48a	MmuINT0061757	chr3	54517688	54518609	+	0.050883
Fam48a	MmuINT0061758	chr3	54518719	54519075	+	0.109624
Fam48a	MmuINT0061759	chr3	54519179	54519455	+	0.057616
Fam48a	MmuINT0061760	chr3	54519612	54520559	+	0.265446
Fam48a	MmuINT0061761	chr3	54499130	54500405	+	0.024666
Fam48a	MmuINT0061762	chr3	54500442	54500872	+	0.055393
Fam48a	MmuINT0061763	chr3	54500932	54502514	+	0.035368
Fam48a	MmuINT0061764	chr3	54502582	54505408	+	0.050878
Fam48a	MmuINT0061765	chr3	54505539	54506992	+	0.085749
Fam48a	MmuINT0061766	chr3	54507097	54510781	+	0.027132
Fam48a	MmuINT0061767	chr3	54510899	54511009	+	0.051608
Fam48a	MmuINT0061768	chr3	54511064	54512178	+	0.042982
Fam49a	MmuINT0061770	chr12	12371653	12376699	+	0.060087
Fam49a	MmuINT0061771	chr12	12376771	12379552	+	0.057213
Fam49a	MmuINT0061772	chr12	12311129	12347484	+	0.058124
Fam49a	MmuINT0061774	chr12	12364973	12366018	+	0.048429
Fam49a	MmuINT0061775	chr12	12366125	12368240	+	0.050403
Fam49a	MmuINT0061776	chr12	12368378	12368820	+	0.045368
Fam49a	MmuINT0061777	chr12	12368899	12369057	+	0.052928
Fam49a	MmuINT0061778	chr12	12369175	12369266	+	0.050313
Fam49a	MmuINT0061779	chr12	12369347	12371525	+	0.081051
Fam49b	MmuINT0061783	chr15	63767205	63768852	-	0.015647
Fam49b	MmuINT0061784	chr15	63763235	63767133	-	0.013949
Fam49b	MmuINT0061785	chr15	63788238	63802484	-	0.029867
Fam49b	MmuINT0061786	chr15	63781683	63788154	-	0.018504
Fam49b	MmuINT0061787	chr15	63775984	63781560	-	0.019663
Fam49b	MmuINT0061788	chr15	63774876	63775877	-	0.010661
Fam49b	MmuINT0061789	chr15	63773564	63774738	-	0.010903

Fam49b	MmuINT0061790	chr15	63771317	63773485	-	0.009856
Fam49b	MmuINT0061791	chr15	63770299	63771199	-	0.008037
Fam49b	MmuINT0061792	chr15	63768980	63770218	-	0.009448
Fam50a	MmuINT0061793	chrX	71558665	71560015	+	0.046653
Fam50a	MmuINT0061794	chrX	71564438	71564529	+	0.017426
Fam50a	MmuINT0061795	chrX	71564601	71564730	+	0.024059
Fam50a	MmuINT0061796	chrX	71564842	71565298	+	0.018066
Fam50a	MmuINT0061797	chrX	71560101	71560202	+	0.007037
Fam50a	MmuINT0061798	chrX	71560303	71560765	+	0.061007
Fam50a	MmuINT0061799	chrX	71560912	71562768	+	0.008481
Fam50a	MmuINT0061800	chrX	71562846	71562975	+	0.010555
Fam50a	MmuINT0061801	chrX	71563043	71563480	+	0.050311
Fam50a	MmuINT0061802	chrX	71563543	71563706	+	0.033664
Fam50a	MmuINT0061803	chrX	71563784	71564153	+	0.041757
Fam50a	MmuINT0061804	chrX	71564209	71564388	+	0.09301
Fam53a	MmuINT0061806	chr5	33971627	33971985	-	0.211877
Fam53a	MmuINT0061807	chr5	33957484	33971501	-	0.016223
Fam53a	MmuINT0061808	chr5	33953136	33957251	-	0.01704
Fam53a	MmuINT0061809	chr5	33950877	33953080	-	0.018272
Fam53a	MmuINT0061810	chr5	33943530	33950112	-	0.045222
Fam53b	MmuINT0061812	chr7	1.4E+08	1.4E+08	-	0.018254
Fam53b	MmuINT0061813	chr7	1.4E+08	1.4E+08	-	0.019853
Fam53b	MmuINT0061814	chr7	1.4E+08	1.4E+08	-	0.010353
Fam53c	MmuINT0061817	chr18	34922379	34922726	+	0.101984
Fam53c	MmuINT0061818	chr18	34922785	34927821	+	0.032613
Fam53c	MmuINT0061819	chr18	34928607	34930251	+	0.016521
Fam54b	MmuINT0061826	chr4	1.34E+08	1.34E+08	-	0.003747
Fam54b	MmuINT0061827	chr4	1.34E+08	1.34E+08	-	0.001825
Fam54b	MmuINT0061828	chr4	1.34E+08	1.34E+08	-	0.005855
Fam54b	MmuINT0061829	chr4	1.34E+08	1.34E+08	-	0.001466
Fam54b	MmuINT0061830	chr4	1.34E+08	1.34E+08	-	0.014979
Fam55d	MmuINT0061841	chr9	48204777	48206617	+	0.326595
Fam57b	MmuINT0061854	chr7	1.34E+08	1.34E+08	+	0.028624
Fam57b	MmuINT0061855	chr7	1.34E+08	1.34E+08	+	0.040398
Fam59a	MmuINT0061859	chr18	21394643	21458150	-	0.015222
Fam59a	MmuINT0061860	chr18	21327368	21394501	-	0.014171
Fam59a	MmuINT0061861	chr18	21307406	21327236	-	0.013496
Fam59a	MmuINT0061862	chr18	21290001	21306232	-	0.015198
Fam59a	MmuINT0061863	chr18	21288524	21289833	-	0.022405
Fam63a	MmuINT0061889	chr3	95087548	95091566	+	0.030709
Fam63a	MmuINT0061890	chr3	95092323	95094943	+	0.04791
Fam63a	MmuINT0061891	chr3	95095002	95095401	+	0.030247
Fam63a	MmuINT0061892	chr3	95095467	95096046	+	0.083581
Fam63a	MmuINT0061893	chr3	95096206	95096546	+	0.008988
Fam63a	MmuINT0061894	chr3	95096650	95097546	+	0.013136
Fam63a	MmuINT0061895	chr3	95097690	95098716	+	0.043235
Fam63a	MmuINT0061896	chr3	95099348	95099572	+	0.025376
Fam63b	MmuINT0061898	chr9	70492754	70504079	-	0.017971
Fam63b	MmuINT0061899	chr9	70481877	70492695	-	0.016578
Fam63b	MmuINT0061900	chr9	70478962	70481811	-	0.018509

Fam63b	MmuINT0061901	chr9	70474665	70478802	-	0.013972
Fam63b	MmuINT0061902	chr9	70464714	70474561	-	0.012174
Fam63b	MmuINT0061903	chr9	70458810	70464570	-	0.016064
Fam63b	MmuINT0061904	chr9	70455466	70458635	-	0.00721
Fam63b	MmuINT0061905	chr9	70453097	70455264	-	0.021852
Fam64a	MmuINT0061908	chr11	71858761	71859180	+	0.039743
Fam65a	MmuINT0061911	chr8	1.08E+08	1.08E+08	+	0.068828
Fam65a	MmuINT0061912	chr8	1.08E+08	1.08E+08	+	0.009398
Fam65a	MmuINT0061913	chr8	1.08E+08	1.08E+08	+	0.014349
Fam65a	MmuINT0061914	chr8	1.08E+08	1.08E+08	+	0.0079
Fam65a	MmuINT0061915	chr8	1.08E+08	1.08E+08	+	0.006303
Fam65a	MmuINT0061916	chr8	1.08E+08	1.08E+08	+	0.011262
Fam65a	MmuINT0061917	chr8	1.08E+08	1.08E+08	+	0.027106
Fam65a	MmuINT0061918	chr8	1.08E+08	1.08E+08	+	0.01179
Fam65a	MmuINT0061919	chr8	1.08E+08	1.08E+08	+	0.007065
Fam65a	MmuINT0061920	chr8	1.08E+08	1.08E+08	+	0.050635
Fam65a	MmuINT0061921	chr8	1.08E+08	1.08E+08	+	0.035912
Fam65a	MmuINT0061922	chr8	1.08E+08	1.08E+08	+	0.030557
Fam65a	MmuINT0061923	chr8	1.08E+08	1.08E+08	+	0.008078
Fam65a	MmuINT0061924	chr8	1.08E+08	1.08E+08	+	0.018269
Fam65a	MmuINT0061925	chr8	1.08E+08	1.08E+08	+	0.031368
Fam65a	MmuINT0061926	chr8	1.08E+08	1.08E+08	+	0.035414
Fam65a	MmuINT0061927	chr8	1.08E+08	1.08E+08	+	0.058547
Fam65a	MmuINT0061928	chr8	1.08E+08	1.08E+08	+	0.034415
Fam65a	MmuINT0061929	chr8	1.08E+08	1.08E+08	+	0.008737
Fam65a	MmuINT0061930	chr8	1.08E+08	1.08E+08	+	0.036826
Fam65a	MmuINT0061931	chr8	1.08E+08	1.08E+08	+	0.035357
Fam65b	MmuINT0061937	chr13	24802161	24805490	+	0.060172
Fam65b	MmuINT0061938	chr13	24805627	24807158	+	0.047268
Fam65b	MmuINT0061939	chr13	24807321	24809415	+	0.055491
Fam65b	MmuINT0061940	chr13	24809575	24813499	+	0.04739
Fam65b	MmuINT0061941	chr13	24813703	24815577	+	0.053218
Fam65b	MmuINT0061942	chr13	24815662	24816814	+	0.054381
Fam65b	MmuINT0061943	chr13	24816906	24823453	+	0.119729
Fam65b	MmuINT0061945	chr13	24785761	24785985	+	0.054114
Fam65b	MmuINT0061946	chr13	24786135	24787441	+	0.033085
Fam65b	MmuINT0061947	chr13	24787572	24792930	+	0.058248
Fam65b	MmuINT0061949	chr13	24761956	24763623	+	0.039235
Fam65b	MmuINT0061950	chr13	24763780	24764900	+	0.044531
Fam65b	MmuINT0061951	chr13	24764980	24766515	+	0.042014
Fam65b	MmuINT0061953	chr13	24767698	24769592	+	0.064016
Fam65b	MmuINT0061954	chr13	24769743	24772496	+	0.060286
Fam69a	MmuINT0061978	chr5	1.08E+08	1.08E+08	-	0.10212
Fam69a	MmuINT0061980	chr5	1.08E+08	1.08E+08	-	0.026721
Fam69a	MmuINT0061981	chr5	1.08E+08	1.08E+08	-	0.026606
Fam69b	MmuINT0061983	chr2	26488259	26490307	+	0.033367
Fam69b	MmuINT0061984	chr2	26490416	26490506	+	0.010269
Fam69b	MmuINT0061985	chr2	26490684	26491058	+	0.019335
Fam70b	MmuINT0062001	chr8	13435668	13441137	+	0.025176
Fam70b	MmuINT0062003	chr8	13451116	13454160	+	0.043927



Fam70b	MmuINT0062004	chr8	13454242	13455128	+	0.054685
Fam70b	MmuINT0062005	chr8	13455215	13455912	+	0.040975
Fam70b	MmuINT0062006	chr8	13456073	13456950	+	0.041407
Fam70b	MmuINT0062007	chr8	13457095	13461204	+	0.138978
Fam71e1	MmuINT0062018	chr7	51752101	51752284	+	0.406856
Fam71e1	MmuINT0062020	chr7	51753004	51755519	+	0.27298
Fam72a	MmuINT0062043	chr1	1.33E+08	1.33E+08	+	0.045219
Fam73a	MmuINT0062047	chr3	1.52E+08	1.52E+08	-	0.042262
Fam73a	MmuINT0062048	chr3	1.52E+08	1.52E+08	-	0.028397
Fam73a	MmuINT0062049	chr3	1.52E+08	1.52E+08	-	0.03064
Fam73a	MmuINT0062050	chr3	1.52E+08	1.52E+08	-	0.046406
Fam73a	MmuINT0062051	chr3	1.52E+08	1.52E+08	-	0.076909
Fam73a	MmuINT0062052	chr3	1.52E+08	1.52E+08	-	0.021289
Fam73a	MmuINT0062053	chr3	1.52E+08	1.52E+08	-	0.012682
Fam73a	MmuINT0062054	chr3	1.52E+08	1.52E+08	-	0.023231
Fam73a	MmuINT0062055	chr3	1.52E+08	1.52E+08	-	0.061056
Fam73a	MmuINT0062056	chr3	1.52E+08	1.52E+08	-	0.021558
Fam73a	MmuINT0062057	chr3	1.52E+08	1.52E+08	-	0.045022
Fam73a	MmuINT0062058	chr3	1.52E+08	1.52E+08	-	0.024221
Fam73a	MmuINT0062059	chr3	1.52E+08	1.52E+08	-	0.024894
Fam73a	MmuINT0062060	chr3	1.52E+08	1.52E+08	-	0.033064
Fam73b	MmuINT0062061	chr2	30220096	30223071	+	0.342962
Fam73b	MmuINT0062062	chr2	30233564	30233693	+	0.00409
Fam73b	MmuINT0062063	chr2	30233781	30237157	+	0.00958
Fam73b	MmuINT0062064	chr2	30237257	30237458	+	0.007629
Fam73b	MmuINT0062065	chr2	30237594	30238485	+	0.175087
Fam73b	MmuINT0062066	chr2	30238540	30239109	+	0.00898
Fam73b	MmuINT0062067	chr2	30239227	30239448	+	0.005443
Fam73b	MmuINT0062068	chr2	30223308	30224396	+	0.033049
Fam73b	MmuINT0062069	chr2	30224608	30225814	+	0.032851
Fam73b	MmuINT0062070	chr2	30225928	30226634	+	0.004266
Fam73b	MmuINT0062071	chr2	30226753	30227052	+	0.014309
Fam73b	MmuINT0062072	chr2	30227190	30231192	+	0.0214
Fam73b	MmuINT0062073	chr2	30231311	30232165	+	0.004692
Fam73b	MmuINT0062074	chr2	30232267	30232998	+	0.005213
Fam73b	MmuINT0062075	chr2	30233115	30233490	+	0.00402
Fam76a	MmuINT0062078	chr4	1.32E+08	1.32E+08	-	0.013598
Fam76a	MmuINT0062079	chr4	1.32E+08	1.32E+08	-	0.00552
Fam76a	MmuINT0062080	chr4	1.32E+08	1.32E+08	-	0.214277
Fam76a	MmuINT0062081	chr4	1.32E+08	1.32E+08	-	0.021242
Fam76a	MmuINT0062082	chr4	1.32E+08	1.32E+08	-	0.01935
Fam76b	MmuINT0062085	chr9	13632506	13633203	+	0.054859
Fam76b	MmuINT0062086	chr9	13633269	13634168	+	0.054137
Fam76b	MmuINT0062087	chr9	13634224	13635425	+	0.039001
Fam76b	MmuINT0062088	chr9	13635582	13637415	+	0.062712
Fam76b	MmuINT0062089	chr9	13637616	13640328	+	0.024098
Fam76b	MmuINT0062090	chr9	13640377	13640546	+	0.048628
Fam76b	MmuINT0062091	chr9	13640628	13641280	+	0.216214
Fam76b	MmuINT0062092	chr9	13641417	13644083	+	0.077104
Fam76b	MmuINT0062093	chr9	13644186	13648472	+	0.224497

Fam81a	MmuINT0062096	chr9	69974091	69989119	-	0.024611
Fam81a	MmuINT0062097	chr9	69973005	69973993	-	0.013241
Fam81a	MmuINT0062098	chr9	69958184	69972730	-	0.007191
Fam81a	MmuINT0062099	chr9	69950757	69958064	-	0.007282
Fam81a	MmuINT0062100	chr9	69947002	69950626	-	0.006167
Fam81a	MmuINT0062101	chr9	69943994	69946894	-	0.00733
Fam81a	MmuINT0062102	chr9	69941491	69943857	-	0.004278
Fam81a	MmuINT0062103	chr9	69938699	69941297	-	0.006372
Fam82a1	MmuINT0062105	chr17	80071914	80080972	+	0.017107
Fam82a1	MmuINT0062106	chr17	80021113	80049641	+	0.01146
Fam82a1	MmuINT0062107	chr17	80049817	80051038	+	0.0136
Fam82a1	MmuINT0062108	chr17	80051142	80058752	+	0.017007
Fam82a1	MmuINT0062109	chr17	80058814	80066210	+	0.016219
Fam82a1	MmuINT0062110	chr17	80066287	80067290	+	0.041706
Fam82a1	MmuINT0062111	chr17	80067369	80069896	+	0.024362
Fam82a1	MmuINT0062112	chr17	80069996	80071689	+	0.025716
Fam82a1	MmuINT0062113	chr17	80071744	80071832	+	0.020665
Fam82a2	MmuINT0062114	chr2	1.19E+08	1.19E+08	-	0.03645
Fam82a2	MmuINT0062115	chr2	1.19E+08	1.19E+08	-	0.021651
Fam82a2	MmuINT0062116	chr2	1.19E+08	1.19E+08	-	0.041854
Fam82a2	MmuINT0062117	chr2	1.19E+08	1.19E+08	-	0.01951
Fam82a2	MmuINT0062118	chr2	1.19E+08	1.19E+08	-	0.01276
Fam82a2	MmuINT0062119	chr2	1.19E+08	1.19E+08	-	0.013447
Fam82a2	MmuINT0062120	chr2	1.19E+08	1.19E+08	-	0.022613
Fam82a2	MmuINT0062121	chr2	1.19E+08	1.19E+08	-	0.045018
Fam82a2	MmuINT0062122	chr2	1.19E+08	1.19E+08	-	0.015122
Fam82a2	MmuINT0062123	chr2	1.19E+08	1.19E+08	-	0.123215
Fam82a2	MmuINT0062124	chr2	1.19E+08	1.19E+08	-	0.028143
Fam82a2	MmuINT0062125	chr2	1.19E+08	1.19E+08	-	0.02851
Fam82b	MmuINT0062126	chr4	19502475	19507536	+	0.070818
Fam82b	MmuINT0062127	chr4	19507655	19513922	+	0.004258
Fam82b	MmuINT0062128	chr4	19514011	19515672	+	0.002767
Fam82b	MmuINT0062129	chr4	19515833	19522216	+	0.004886
Fam82b	MmuINT0062130	chr4	19522307	19526760	+	0.013822
Fam82b	MmuINT0062131	chr4	19526817	19528502	+	0.02733
Fam82b	MmuINT0062132	chr4	19528591	19529789	+	0.110041
Fam82b	MmuINT0062133	chr4	19529821	19532549	+	0.122007
Fam82b	MmuINT0062134	chr4	19532684	19533231	+	0.111688
Fam86	MmuINT0062167	chr16	5250649	5253117	-	0.070825
Fam86	MmuINT0062168	chr16	5249542	5250567	-	0.131798
Fam86	MmuINT0062169	chr16	5249139	5249439	-	0.076549
Fam86	MmuINT0062170	chr16	5248924	5249004	-	0.077593
Fam86	MmuINT0062171	chr16	5247693	5248657	-	0.081636
Fam86	MmuINT0062172	chr16	5245479	5247545	-	0.233749
Fam92a	MmuINT0062174	chr4	12098366	12098844	-	0.01122
Fam92a	MmuINT0062175	chr4	12096181	12098130	-	0.007633
Fam92a	MmuINT0062176	chr4	12095472	12096111	-	0.013465
Fam92a	MmuINT0062177	chr4	12091346	12095369	-	0.021306
Fam92a	MmuINT0062178	chr4	12084912	12091234	-	0.026278
Fam92a	MmuINT0062179	chr4	12082916	12084797	-	0.022911

Fam96a	MmuINT0062188	chr9	65974778	65980333	+	0.000307
Fam96a	MmuINT0062189	chr9	65980499	65981238	+	0.003726
Fam96a	MmuINT0062190	chr9	65981289	65984108	+	0.011777
Fam96a	MmuINT0062191	chr9	65984155	65986143	+	0.005447
Fam96b	MmuINT0062192	chr8	1.07E+08	1.07E+08	-	0.028756
Fam96b	MmuINT0062193	chr8	1.07E+08	1.07E+08	-	0.00143
Fam96b	MmuINT0062194	chr8	1.07E+08	1.07E+08	-	0.004127
Fam96b	MmuINT0062195	chr8	1.07E+08	1.07E+08	-	0.013197
Fam98a	MmuINT0062196	chr17	75947100	75951080	-	0.006055
Fam98a	MmuINT0062197	chr17	75944223	75946950	-	0.007793
Fam98a	MmuINT0062198	chr17	75940721	75944087	-	0.022094
Fam98a	MmuINT0062199	chr17	75939532	75940535	-	0.020735
Fam98a	MmuINT0062200	chr17	75938858	75939450	-	0.024669
Fam98a	MmuINT0062201	chr17	75938455	75938740	-	0.017601
Fam98a	MmuINT0062202	chr17	75938202	75938286	-	0.051574
Fam98b	MmuINT0062203	chr2	1.17E+08	1.17E+08	+	0.007307
Fam98b	MmuINT0062205	chr2	1.17E+08	1.17E+08	+	0.00101
Fam98b	MmuINT0062206	chr2	1.17E+08	1.17E+08	+	0.020488
Fam98b	MmuINT0062207	chr2	1.17E+08	1.17E+08	+	0.0057
Fam98b	MmuINT0062208	chr2	1.17E+08	1.17E+08	+	0.004367
Fam98b	MmuINT0062209	chr2	1.17E+08	1.17E+08	+	0.008768
Fam98c	MmuINT0062210	chr7	29941050	29941148	-	0.133488
Fam98c	MmuINT0062211	chr7	29940829	29940903	-	0.076463
Fam98c	MmuINT0062212	chr7	29940377	29940693	-	0.130833
Fam98c	MmuINT0062213	chr7	29939713	29940170	-	0.008387
Fam98c	MmuINT0062214	chr7	29939555	29939634	-	0.014538
Fam98c	MmuINT0062215	chr7	29937867	29938340	-	0.028357
Fan1	MmuINT0062217	chr7	71495025	71498461	-	0.103046
Fan1	MmuINT0062218	chr7	71494398	71494920	-	0.033725
Fan1	MmuINT0062220	chr7	71491782	71493733	-	0.047945
Fan1	MmuINT0062227	chr7	71499422	71506825	-	0.042845
Fan1	MmuINT0062228	chr7	71498613	71499256	-	0.084966
Fanca	MmuINT0062259	chr8	1.26E+08	1.26E+08	-	0.68497
Fanca	MmuINT0062260	chr8	1.26E+08	1.26E+08	-	0.885267
Fanca	MmuINT0062262	chr8	1.26E+08	1.26E+08	-	0.900842
Fanca	MmuINT0062263	chr8	1.26E+08	1.26E+08	-	0.901364
Fanca	MmuINT0062264	chr8	1.26E+08	1.26E+08	-	0.897929
Fancc	MmuINT0062277	chr13	63426935	63431828	-	0.094752
Fancc	MmuINT0062278	chr13	63424798	63426858	-	0.068544
Fancc	MmuINT0062279	chr13	63423353	63424715	-	0.052104
Fancc	MmuINT0062280	chr13	63418865	63423174	-	0.064792
Fancc	MmuINT0062281	chr13	63501627	63504149	-	0.042268
Fancc	MmuINT0062282	chr13	63499486	63501541	-	0.047701
Fancc	MmuINT0062284	chr13	63461569	63462886	-	0.055329
Fancc	MmuINT0062285	chr13	63448893	63461503	-	0.046872
Fancc	MmuINT0062286	chr13	63441784	63448727	-	0.042259
Fancc	MmuINT0062287	chr13	63433202	63441626	-	0.058945
Fancc	MmuINT0062288	chr13	63431929	63433148	-	0.240028
Fance	MmuINT0062332	chr17	28450828	28452543	+	0.030834
Fance	MmuINT0062333	chr17	28453133	28453803	+	0.037527

Fance	MmuINT0062334	chr17	28453849	28454102	+	0.20384
Fance	MmuINT0062335	chr17	28454169	28454412	+	0.174597
Fance	MmuINT0062336	chr17	28454557	28454977	+	0.208002
Fance	MmuINT0062337	chr17	28455353	28457734	+	0.177461
Fance	MmuINT0062338	chr17	28457802	28459590	+	0.147252
Fance	MmuINT0062339	chr17	28459717	28463096	+	0.488264
Fancg	MmuINT0062343	chr4	43017478	43017615	-	0.078173
Fancg	MmuINT0062344	chr4	43016805	43017430	-	0.11101
Fancg	MmuINT0062345	chr4	43016217	43016654	-	0.10454
Fancg	MmuINT0062349	chr4	43020276	43021582	-	0.155913
Fancg	MmuINT0062350	chr4	43019987	43020139	-	0.277359
Fancg	MmuINT0062351	chr4	43019769	43019855	-	0.196221
Fanci	MmuINT0062382	chr7	86593199	86593705	+	0.818565
Fanci	MmuINT0062383	chr7	86593802	86593958	+	0.96195
Fancl	MmuINT0062390	chr11	26287311	26297745	+	0.232489
Fancl	MmuINT0062391	chr11	26368718	26368800	+	0.066827
Fancl	MmuINT0062392	chr11	26368883	26369651	+	0.080579
Fancl	MmuINT0062393	chr11	26369769	26370876	+	0.050974
Fancl	MmuINT0062394	chr11	26370949	26371324	+	0.030332
Fancl	MmuINT0062395	chr11	26297805	26299648	+	0.048023
Fancl	MmuINT0062396	chr11	26299710	26303321	+	0.069391
Fancl	MmuINT0062397	chr11	26303379	26307547	+	0.059597
Fancl	MmuINT0062398	chr11	26307649	26322407	+	0.047514
Fancl	MmuINT0062399	chr11	26322505	26334431	+	0.025467
Fancl	MmuINT0062400	chr11	26334501	26359685	+	0.028801
Fancl	MmuINT0062401	chr11	26359837	26368334	+	0.030364
Fancl	MmuINT0062402	chr11	26368419	26368671	+	0.067608
Fancm	MmuINT0062412	chr12	66219428	66221463	+	0.051775
Fancm	MmuINT0062413	chr12	66221571	66222516	+	0.055811
Fancm	MmuINT0062415	chr12	66223078	66225800	+	0.047425
Fancm	MmuINT0062416	chr12	66226174	66227501	+	0.073851
Fancm	MmuINT0062417	chr12	66227794	66231261	+	0.091709
Fap	MmuINT0062452	chr2	62339346	62340498	-	0.103854
Far1	MmuINT0062461	chr7	1.21E+08	1.21E+08	+	0.247972
Far1	MmuINT0062462	chr7	1.21E+08	1.21E+08	+	0.049167
Far1	MmuINT0062463	chr7	1.21E+08	1.21E+08	+	0.01326
Far1	MmuINT0062464	chr7	1.21E+08	1.21E+08	+	0.025414
Far1	MmuINT0062465	chr7	1.21E+08	1.21E+08	+	0.018645
Far1	MmuINT0062466	chr7	1.21E+08	1.21E+08	+	0.031044
Far1	MmuINT0062467	chr7	1.21E+08	1.21E+08	+	0.01898
Far1	MmuINT0062468	chr7	1.21E+08	1.21E+08	+	0.033107
Far1	MmuINT0062469	chr7	1.21E+08	1.21E+08	+	0.039887
Far1	MmuINT0062470	chr7	1.21E+08	1.21E+08	+	0.041737
Far1	MmuINT0062471	chr7	1.21E+08	1.21E+08	+	0.156023
Farp1	MmuINT0062484	chr14	1.22E+08	1.22E+08	+	0.032358
Farp1	MmuINT0062485	chr14	1.22E+08	1.22E+08	+	0.068507
Farp1	MmuINT0062486	chr14	1.22E+08	1.22E+08	+	0.03229
Farp1	MmuINT0062487	chr14	1.22E+08	1.22E+08	+	0.305078
Farp1	MmuINT0062488	chr14	1.22E+08	1.22E+08	+	0.051914
Farp1	MmuINT0062489	chr14	1.22E+08	1.22E+08	+	0.05014

Farp1	MmuINT0062490	chr14	1.22E+08	1.22E+08	+	0.059927
Farp1	MmuINT0062492	chr14	1.22E+08	1.22E+08	+	0.059012
Farp1	MmuINT0062493	chr14	1.22E+08	1.22E+08	+	0.052595
Farp1	MmuINT0062494	chr14	1.22E+08	1.22E+08	+	0.04224
Farp1	MmuINT0062495	chr14	1.22E+08	1.22E+08	+	0.042767
Farp1	MmuINT0062496	chr14	1.22E+08	1.22E+08	+	0.049719
Farp1	MmuINT0062497	chr14	1.22E+08	1.22E+08	+	0.07597
Farp1	MmuINT0062498	chr14	1.22E+08	1.22E+08	+	0.054948
Farp1	MmuINT0062499	chr14	1.22E+08	1.22E+08	+	0.072091
Farp1	MmuINT0062500	chr14	1.22E+08	1.22E+08	+	0.043134
Farp1	MmuINT0062501	chr14	1.22E+08	1.22E+08	+	0.024461
Farp1	MmuINT0062502	chr14	1.22E+08	1.22E+08	+	0.070375
Farp1	MmuINT0062503	chr14	1.22E+08	1.22E+08	+	0.047407
Farp1	MmuINT0062504	chr14	1.22E+08	1.22E+08	+	0.049764
Farp1	MmuINT0062505	chr14	1.22E+08	1.22E+08	+	0.056654
Farp1	MmuINT0062506	chr14	1.22E+08	1.22E+08	+	0.041568
Farp1	MmuINT0062507	chr14	1.22E+08	1.22E+08	+	0.043769
Farp1	MmuINT0062508	chr14	1.22E+08	1.22E+08	+	0.053828
Farp2	MmuINT0062509	chr1	95408762	95425145	+	0.023785
Farp2	MmuINT0062510	chr1	95473111	95473399	+	0.016258
Farp2	MmuINT0062511	chr1	95473469	95474224	+	0.022094
Farp2	MmuINT0062512	chr1	95474283	95476316	+	0.013942
Farp2	MmuINT0062513	chr1	95476576	95496499	+	0.073049
Farp2	MmuINT0062514	chr1	95496679	95499954	+	0.02201
Farp2	MmuINT0062515	chr1	95500045	95500786	+	0.019431
Farp2	MmuINT0062516	chr1	95500921	95501918	+	0.020193
Farp2	MmuINT0062517	chr1	95502001	95504009	+	0.019883
Farp2	MmuINT0062518	chr1	95504248	95506552	+	0.01281
Farp2	MmuINT0062519	chr1	95506684	95508968	+	0.019822
Farp2	MmuINT0062520	chr1	95425357	95456812	+	0.027349
Farp2	MmuINT0062521	chr1	95509038	95509694	+	0.024925
Farp2	MmuINT0062522	chr1	95509785	95514128	+	0.045857
Farp2	MmuINT0062523	chr1	95514212	95515079	+	0.018397
Farp2	MmuINT0062524	chr1	95515199	95515469	+	0.03065
Farp2	MmuINT0062525	chr1	95515628	95516730	+	0.020799
Farp2	MmuINT0062526	chr1	95516839	95517069	+	0.025616
Farp2	MmuINT0062527	chr1	95456918	95457720	+	0.020963
Farp2	MmuINT0062528	chr1	95457764	95459885	+	0.028583
Farp2	MmuINT0062529	chr1	95459965	95463993	+	0.014413
Farp2	MmuINT0062530	chr1	95464092	95465657	+	0.012193
Farp2	MmuINT0062531	chr1	95465773	95466449	+	0.014172
Farp2	MmuINT0062532	chr1	95466598	95470947	+	0.010679
Farp2	MmuINT0062533	chr1	95471044	95472946	+	0.015884
Fars2	MmuINT0062535	chr13	36209875	36296377	+	0.00317
Fars2	MmuINT0062536	chr13	36297011	36323990	+	0.002081
Fars2	MmuINT0062537	chr13	36324151	36338231	+	0.002543
Fars2	MmuINT0062538	chr13	36338364	36433805	+	0.003004
Fars2	MmuINT0062539	chr13	36433967	36501947	+	0.002005
Fars2	MmuINT0062540	chr13	36502100	36629169	+	0.003324
Farsa	MmuINT0062541	chr8	87381081	87384804	+	0.01271

Farsa	MmuINT0062542	chr8	87391818	87391907	+	0.076089
Farsa	MmuINT0062543	chr8	87391986	87392122	+	0.117831
Farsa	MmuINT0062544	chr8	87392238	87392764	+	0.068925
Farsa	MmuINT0062545	chr8	87384943	87385025	+	0.014203
Farsa	MmuINT0062546	chr8	87385125	87385210	+	0.027853
Farsa	MmuINT0062547	chr8	87385330	87387956	+	0.011445
Farsa	MmuINT0062548	chr8	87388050	87388129	+	0.019727
Farsa	MmuINT0062549	chr8	87388259	87388335	+	0.016199
Farsa	MmuINT0062550	chr8	87388452	87391275	+	0.091568
Farsa	MmuINT0062551	chr8	87391361	87391447	+	0.059332
Farsa	MmuINT0062552	chr8	87391548	87391648	+	0.293607
Farsb	MmuINT0062553	chr1	78478939	78485359	-	0.00786
Farsb	MmuINT0062554	chr1	78459909	78463541	-	0.009542
Farsb	MmuINT0062555	chr1	78459618	78459846	-	0.006507
Farsb	MmuINT0062556	chr1	78458962	78459409	-	0.004164
Farsb	MmuINT0062557	chr1	78455233	78458880	-	0.004941
Farsb	MmuINT0062558	chr1	78451447	78455139	-	0.003317
Farsb	MmuINT0062559	chr1	78440366	78451328	-	0.004084
Farsb	MmuINT0062560	chr1	78421921	78440209	-	0.003561
Farsb	MmuINT0062561	chr1	78476687	78478882	-	0.016298
Farsb	MmuINT0062562	chr1	78474838	78476531	-	0.006022
Farsb	MmuINT0062563	chr1	78472881	78474767	-	0.004251
Farsb	MmuINT0062564	chr1	78469210	78472764	-	0.009952
Farsb	MmuINT0062565	chr1	78467767	78469058	-	0.003328
Farsb	MmuINT0062566	chr1	78465898	78467657	-	0.007068
Farsb	MmuINT0062567	chr1	78464608	78465826	-	0.00862
Farsb	MmuINT0062568	chr1	78463594	78464545	-	0.007039
Fas	MmuINT0062570	chr19	34365235	34381614	+	0.035237
Fas	MmuINT0062571	chr19	34381769	34389668	+	0.108129
Fas	MmuINT0062572	chr19	34389807	34391058	+	0.017222
Fas	MmuINT0062573	chr19	34391168	34393079	+	0.031313
Fas	MmuINT0062574	chr19	34393142	34393272	+	0.114255
Fas	MmuINT0062575	chr19	34393327	34393799	+	0.077953
Fas	MmuINT0062576	chr19	34393880	34395050	+	0.059498
Fas	MmuINT0062577	chr19	34395076	34401482	+	0.020001
Fasn	MmuINT0062596	chr11	1.21E+08	1.21E+08	-	0.042909
Fasn	MmuINT0062600	chr11	1.21E+08	1.21E+08	-	0.027207
Fasn	MmuINT0062601	chr11	1.21E+08	1.21E+08	-	0.026242
Fasn	MmuINT0062602	chr11	1.21E+08	1.21E+08	-	0.020374
Fasn	MmuINT0062604	chr11	1.21E+08	1.21E+08	-	0.044276
Fasn	MmuINT0062605	chr11	1.21E+08	1.21E+08	-	0.036929
Fasn	MmuINT0062606	chr11	1.21E+08	1.21E+08	-	0.029171
Fasn	MmuINT0062607	chr11	1.21E+08	1.21E+08	-	0.018193
Fasn	MmuINT0062608	chr11	1.21E+08	1.21E+08	-	0.025699
Fasn	MmuINT0062609	chr11	1.21E+08	1.21E+08	-	0.027549
Fasn	MmuINT0062610	chr11	1.21E+08	1.21E+08	-	0.028426
Fasn	MmuINT0062611	chr11	1.21E+08	1.21E+08	-	0.024292
Fasn	MmuINT0062612	chr11	1.21E+08	1.21E+08	-	0.021797
Fasn	MmuINT0062613	chr11	1.21E+08	1.21E+08	-	0.022767
Fasn	MmuINT0062615	chr11	1.21E+08	1.21E+08	-	0.020729

Fasn	MmuINT0062616	chr11	1.21E+08	1.21E+08	-	0.074759
Fasn	MmuINT0062617	chr11	1.21E+08	1.21E+08	-	0.033103
Fastk	MmuINT0062623	chr5	23950124	23950883	-	0.07539
Fastk	MmuINT0062624	chr5	23949275	23949712	-	0.016348
Fastk	MmuINT0062625	chr5	23948962	23949094	-	0.010079
Fastk	MmuINT0062626	chr5	23948214	23948821	-	0.009703
Fastk	MmuINT0062627	chr5	23947902	23947999	-	0.03919
Fastk	MmuINT0062628	chr5	23947642	23947741	-	0.021509
Fastk	MmuINT0062629	chr5	23947482	23947549	-	0.034785
Fastk	MmuINT0062630	chr5	23947269	23947345	-	0.008068
Fastk	MmuINT0062631	chr5	23947080	23947153	-	0.024371
Fastkd1	MmuINT0062632	chr2	69549620	69550183	-	0.008103
Fastkd1	MmuINT0062633	chr2	69532040	69532572	-	0.017514
Fastkd1	MmuINT0062634	chr2	69529422	69531925	-	0.014327
Fastkd1	MmuINT0062636	chr2	69525198	69528119	-	0.021594
Fastkd1	MmuINT0062637	chr2	69546694	69549550	-	0.018646
Fastkd1	MmuINT0062638	chr2	69545764	69546567	-	0.012131
Fastkd1	MmuINT0062639	chr2	69543590	69545364	-	0.01335
Fastkd1	MmuINT0062640	chr2	69542442	69543478	-	0.086106
Fastkd1	MmuINT0062642	chr2	69538296	69540419	-	0.01463
Fastkd1	MmuINT0062643	chr2	69535029	69538180	-	0.016754
Fastkd1	MmuINT0062644	chr2	69532705	69534899	-	0.024814
Fastkd2	MmuINT0062645	chr1	63777266	63777973	+	0.009294
Fastkd2	MmuINT0062646	chr1	63796345	63797837	+	0.015042
Fastkd2	MmuINT0062647	chr1	63797953	63798870	+	0.012592
Fastkd2	MmuINT0062648	chr1	63778796	63781305	+	0.009939
Fastkd2	MmuINT0062649	chr1	63781410	63782036	+	0.014061
Fastkd2	MmuINT0062650	chr1	63782146	63782418	+	0.056867
Fastkd2	MmuINT0062651	chr1	63782543	63784352	+	0.129137
Fastkd2	MmuINT0062652	chr1	63784493	63785755	+	0.018567
Fastkd2	MmuINT0062653	chr1	63785929	63792415	+	0.016814
Fastkd2	MmuINT0062654	chr1	63792580	63794531	+	0.00649
Fastkd2	MmuINT0062655	chr1	63794745	63796259	+	0.006251
Fastkd3	MmuINT0062657	chr13	68723880	68724054	+	0.065999
Fastkd3	MmuINT0062658	chr13	68724141	68726536	+	0.066902
Fastkd3	MmuINT0062659	chr13	68726712	68728196	+	0.246394
Fastkd3	MmuINT0062660	chr13	68728267	68728982	+	0.034207
Fastkd3	MmuINT0062661	chr13	68729098	68730807	+	0.053027
Fat1	MmuINT0062665	chr8	46113035	46114809	+	0.036247
Fat1	MmuINT0062666	chr8	46114964	46115465	+	0.034642
Fat1	MmuINT0062667	chr8	46115700	46116618	+	0.031146
Fat1	MmuINT0062668	chr8	46117009	46118692	+	0.030997
Fat1	MmuINT0062669	chr8	46118908	46119185	+	0.040917
Fat1	MmuINT0062670	chr8	46119324	46120818	+	0.039149
Fat1	MmuINT0062671	chr8	46120963	46121472	+	0.031644
Fat1	MmuINT0062672	chr8	46121671	46122029	+	0.035
Fat1	MmuINT0062673	chr8	46122832	46123613	+	0.030377
Fat1	MmuINT0062674	chr8	46123746	46125153	+	0.034603
Fat1	MmuINT0062676	chr8	46125312	46125887	+	0.023491
Fat1	MmuINT0062677	chr8	46126351	46127233	+	0.024743

Fat1	MmuINT0062678	chr8	46127388	46127562	+	0.042652
Fat1	MmuINT0062679	chr8	46127674	46129276	+	0.041113
Fat1	MmuINT0062680	chr8	46129909	46130384	+	0.026892
Fat1	MmuINT0062681	chr8	46130523	46136134	+	0.153434
Fat1	MmuINT0062683	chr8	46095480	46095754	+	0.047904
Fat1	MmuINT0062687	chr8	46103400	46108157	+	0.070494
Fat1	MmuINT0062688	chr8	46112226	46112837	+	0.043459
Fbf1	MmuINT0062760	chr11	1.16E+08	1.16E+08	-	0.05492
Fbf1	MmuINT0062761	chr11	1.16E+08	1.16E+08	-	0.028057
Fbf1	MmuINT0062762	chr11	1.16E+08	1.16E+08	-	0.021372
Fbf1	MmuINT0062763	chr11	1.16E+08	1.16E+08	-	0.048102
Fbf1	MmuINT0062764	chr11	1.16E+08	1.16E+08	-	0.030745
Fbf1	MmuINT0062765	chr11	1.16E+08	1.16E+08	-	0.038843
Fbf1	MmuINT0062766	chr11	1.16E+08	1.16E+08	-	0.038815
Fbf1	MmuINT0062767	chr11	1.16E+08	1.16E+08	-	0.03304
Fbf1	MmuINT0062768	chr11	1.16E+08	1.16E+08	-	0.088795
Fbf1	MmuINT0062769	chr11	1.16E+08	1.16E+08	-	0.019834
Fbf1	MmuINT0062771	chr11	1.16E+08	1.16E+08	-	0.020291
Fbf1	MmuINT0062772	chr11	1.16E+08	1.16E+08	-	0.036786
Fbf1	MmuINT0062773	chr11	1.16E+08	1.16E+08	-	0.112557
Fbf1	MmuINT0062774	chr11	1.16E+08	1.16E+08	-	0.019154
Fbf1	MmuINT0062775	chr11	1.16E+08	1.16E+08	-	0.021081
Fbf1	MmuINT0062776	chr11	1.16E+08	1.16E+08	-	0.016834
Fbf1	MmuINT0062777	chr11	1.16E+08	1.16E+08	-	0.074141
Fbf1	MmuINT0062778	chr11	1.16E+08	1.16E+08	-	0.015668
Fbf1	MmuINT0062780	chr11	1.16E+08	1.16E+08	-	0.038653
Fbf1	MmuINT0062781	chr11	1.16E+08	1.16E+08	-	0.058816
Fbf1	MmuINT0062782	chr11	1.16E+08	1.16E+08	-	0.034478
Fbf1	MmuINT0062784	chr11	1.16E+08	1.16E+08	-	0.046994
Fbf1	MmuINT0062787	chr11	1.16E+08	1.16E+08	-	0.132097
Fbf1	MmuINT0062788	chr11	1.16E+08	1.16E+08	-	0.037684
Fblim1	MmuINT0062799	chr4	1.41E+08	1.41E+08	-	0.001113
Fblim1	MmuINT0062800	chr4	1.41E+08	1.41E+08	-	0.002855
Fblim1	MmuINT0062802	chr4	1.41E+08	1.41E+08	-	0.003382
Fblim1	MmuINT0062803	chr4	1.41E+08	1.41E+08	-	0.005269
Fblim1	MmuINT0062804	chr4	1.41E+08	1.41E+08	-	0.086884
Fblim1	MmuINT0062805	chr4	1.41E+08	1.41E+08	-	0.001066
Fbln1	MmuINT0062806	chr15	85036643	85052333	+	0.005209
Fbln1	MmuINT0062807	chr15	85069022	85069723	+	0.029704
Fbln1	MmuINT0062808	chr15	85069850	85071049	+	0.003377
Fbln1	MmuINT0062809	chr15	85071170	85072440	+	0.003234
Fbln1	MmuINT0062810	chr15	85072573	85074612	+	0.003053
Fbln1	MmuINT0062811	chr15	85074737	85093688	+	0.009289
Fbln1	MmuINT0062812	chr15	85093832	85095679	+	0.00868
Fbln1	MmuINT0062813	chr15	85095812	85115469	+	0.008172
Fbln1	MmuINT0062814	chr15	85052440	85054679	+	0.005704
Fbln1	MmuINT0062815	chr15	85054816	85057397	+	0.004048
Fbln1	MmuINT0062816	chr15	85057570	85059989	+	0.005811
Fbln1	MmuINT0062817	chr15	85060047	85061228	+	0.018056
Fbln1	MmuINT0062818	chr15	85061331	85061846	+	0.044564



Fbln1	MmuINT0062819	chr15	85061985	85062968	+	0.008179
Fbln1	MmuINT0062820	chr15	85063107	85068037	+	0.003934
Fbln1	MmuINT0062821	chr15	85068182	85068892	+	0.003924
Fbln2	MmuINT0062823	chr6	91162895	91183056	+	0.010611
Fbln2	MmuINT0062824	chr6	91213468	91214692	+	0.045536
Fbln2	MmuINT0062825	chr6	91214831	91215711	+	0.01777
Fbln2	MmuINT0062826	chr6	91215856	91215949	+	0.036025
Fbln2	MmuINT0062827	chr6	91216079	91216308	+	0.036268
Fbln2	MmuINT0062828	chr6	91216435	91218531	+	0.024139
Fbln2	MmuINT0062829	chr6	91218649	91219081	+	0.006835
Fbln2	MmuINT0062830	chr6	91219211	91219957	+	0.005413
Fbln2	MmuINT0062831	chr6	91220082	91221515	+	0.01446
Fbln2	MmuINT0062832	chr6	91184346	91200851	+	0.00628
Fbln2	MmuINT0062833	chr6	91200964	91202437	+	0.008294
Fbln2	MmuINT0062834	chr6	91202568	91204434	+	0.009209
Fbln2	MmuINT0062835	chr6	91204616	91206228	+	0.045643
Fbln2	MmuINT0062836	chr6	91206439	91206873	+	0.059769
Fbln2	MmuINT0062837	chr6	91206988	91207718	+	0.045949
Fbln2	MmuINT0062838	chr6	91207821	91209623	+	0.073118
Fbln2	MmuINT0062839	chr6	91209765	91213332	+	0.060284
Fbln5	MmuINT0062840	chr12	1.03E+08	1.03E+08	-	0.027126
Fbln5	MmuINT0062841	chr12	1.03E+08	1.03E+08	-	0.024341
Fbln5	MmuINT0062843	chr12	1.03E+08	1.03E+08	-	0.01989
Fbln5	MmuINT0062844	chr12	1.03E+08	1.03E+08	-	0.017433
Fbln5	MmuINT0062845	chr12	1.03E+08	1.03E+08	-	0.02511
Fbln5	MmuINT0062846	chr12	1.03E+08	1.03E+08	-	0.021711
Fbln5	MmuINT0062847	chr12	1.03E+08	1.03E+08	-	0.016083
Fbln5	MmuINT0062848	chr12	1.03E+08	1.03E+08	-	0.020182
Fbln5	MmuINT0062849	chr12	1.03E+08	1.03E+08	-	0.025286
Fbn1	MmuINT0062857	chr2	1.25E+08	1.25E+08	-	0.184248
Fbn1	MmuINT0062859	chr2	1.25E+08	1.25E+08	-	0.03608
Fbn1	MmuINT0062860	chr2	1.25E+08	1.25E+08	-	0.046058
Fbn1	MmuINT0062861	chr2	1.25E+08	1.25E+08	-	0.041116
Fbn1	MmuINT0062862	chr2	1.25E+08	1.25E+08	-	0.04288
Fbn1	MmuINT0062863	chr2	1.25E+08	1.25E+08	-	0.040002
Fbn1	MmuINT0062864	chr2	1.25E+08	1.25E+08	-	0.041424
Fbn1	MmuINT0062865	chr2	1.25E+08	1.25E+08	-	0.051583
Fbn1	MmuINT0062866	chr2	1.25E+08	1.25E+08	-	0.037675
Fbn1	MmuINT0062867	chr2	1.25E+08	1.25E+08	-	0.041734
Fbn1	MmuINT0062868	chr2	1.25E+08	1.25E+08	-	0.082874
Fbn1	MmuINT0062869	chr2	1.25E+08	1.25E+08	-	0.03733
Fbn1	MmuINT0062870	chr2	1.25E+08	1.25E+08	-	0.035621
Fbn1	MmuINT0062871	chr2	1.25E+08	1.25E+08	-	0.047763
Fbn1	MmuINT0062872	chr2	1.25E+08	1.25E+08	-	0.051457
Fbn1	MmuINT0062873	chr2	1.25E+08	1.25E+08	-	0.029519
Fbn1	MmuINT0062874	chr2	1.25E+08	1.25E+08	-	0.02341
Fbn1	MmuINT0062875	chr2	1.25E+08	1.25E+08	-	0.029504
Fbn1	MmuINT0062876	chr2	1.25E+08	1.25E+08	-	0.046465
Fbn1	MmuINT0062877	chr2	1.25E+08	1.25E+08	-	0.038212
Fbn1	MmuINT0062878	chr2	1.25E+08	1.25E+08	-	0.027715

Fbn1	MmuINT0062879	chr2	1.25E+08	1.25E+08	-	0.054795
Fbn1	MmuINT0062880	chr2	1.25E+08	1.25E+08	-	0.027964
Fbn1	MmuINT0062881	chr2	1.25E+08	1.25E+08	-	0.035509
Fbn1	MmuINT0062882	chr2	1.25E+08	1.25E+08	-	0.029444
Fbn1	MmuINT0062883	chr2	1.25E+08	1.25E+08	-	0.041739
Fbn1	MmuINT0062884	chr2	1.25E+08	1.25E+08	-	0.031451
Fbn1	MmuINT0062885	chr2	1.25E+08	1.25E+08	-	0.026885
Fbn1	MmuINT0062886	chr2	1.25E+08	1.25E+08	-	0.038944
Fbn1	MmuINT0062887	chr2	1.25E+08	1.25E+08	-	0.035593
Fbn1	MmuINT0062888	chr2	1.25E+08	1.25E+08	-	0.028563
Fbn1	MmuINT0062889	chr2	1.25E+08	1.25E+08	-	0.031863
Fbn1	MmuINT0062890	chr2	1.25E+08	1.25E+08	-	0.053326
Fbn1	MmuINT0062891	chr2	1.25E+08	1.25E+08	-	0.021459
Fbn1	MmuINT0062892	chr2	1.25E+08	1.25E+08	-	0.026505
Fbn1	MmuINT0062893	chr2	1.25E+08	1.25E+08	-	0.036452
Fbn1	MmuINT0062894	chr2	1.25E+08	1.25E+08	-	0.024903
Fbn1	MmuINT0062895	chr2	1.25E+08	1.25E+08	-	0.02614
Fbn1	MmuINT0062896	chr2	1.25E+08	1.25E+08	-	0.013425
Fbn1	MmuINT0062897	chr2	1.25E+08	1.25E+08	-	0.016475
Fbn1	MmuINT0062898	chr2	1.25E+08	1.25E+08	-	0.015548
Fbn1	MmuINT0062899	chr2	1.25E+08	1.25E+08	-	0.021489
Fbn1	MmuINT0062900	chr2	1.25E+08	1.25E+08	-	0.016794
Fbn1	MmuINT0062901	chr2	1.25E+08	1.25E+08	-	0.048997
Fbn1	MmuINT0062902	chr2	1.25E+08	1.25E+08	-	0.023231
Fbn1	MmuINT0062903	chr2	1.25E+08	1.25E+08	-	0.026452
Fbn1	MmuINT0062904	chr2	1.25E+08	1.25E+08	-	0.021342
Fbn1	MmuINT0062905	chr2	1.25E+08	1.25E+08	-	0.017348
Fbn1	MmuINT0062906	chr2	1.25E+08	1.25E+08	-	0.019872
Fbn1	MmuINT0062907	chr2	1.25E+08	1.25E+08	-	0.016377
Fbn1	MmuINT0062908	chr2	1.25E+08	1.25E+08	-	0.027066
Fbn1	MmuINT0062909	chr2	1.25E+08	1.25E+08	-	0.014936
Fbn1	MmuINT0062910	chr2	1.25E+08	1.25E+08	-	0.012764
Fbn1	MmuINT0062911	chr2	1.25E+08	1.25E+08	-	0.015854
Fbn1	MmuINT0062912	chr2	1.25E+08	1.25E+08	-	0.062522
Fbn1	MmuINT0062913	chr2	1.25E+08	1.25E+08	-	0.020848
Fbn1	MmuINT0062914	chr2	1.25E+08	1.25E+08	-	0.013712
Fbn1	MmuINT0062915	chr2	1.25E+08	1.25E+08	-	0.016046
Fbn1	MmuINT0062916	chr2	1.25E+08	1.25E+08	-	0.021525
Fbn1	MmuINT0062917	chr2	1.25E+08	1.25E+08	-	0.026312
Fbn1	MmuINT0062918	chr2	1.25E+08	1.25E+08	-	0.015449
Fbn1	MmuINT0062919	chr2	1.25E+08	1.25E+08	-	0.039163
Fbn1	MmuINT0062920	chr2	1.25E+08	1.25E+08	-	0.047695
Fbn1	MmuINT0062921	chr2	1.25E+08	1.25E+08	-	0.051013
Fbp2	MmuINT0062992	chr13	62956427	62959487	-	0.003519
Fbp2	MmuINT0062993	chr13	62955427	62956263	-	0.006837
Fbp2	MmuINT0062994	chr13	62950878	62955333	-	0.007253
Fbp2	MmuINT0062995	chr13	62943284	62950736	-	0.009109
Fbp2	MmuINT0062996	chr13	62941751	62943145	-	0.00585
Fbp2	MmuINT0062997	chr13	62938641	62941630	-	0.004208
Fbrs	MmuINT0062998	chr7	1.35E+08	1.35E+08	+	0.099773

Fbrs	MmuINT0062999	chr7	1.35E+08	1.35E+08	+	0.009381
Fbrs	MmuINT0063000	chr7	1.35E+08	1.35E+08	+	0.128622
Fbrs	MmuINT0063001	chr7	1.35E+08	1.35E+08	+	0.051098
Fbrs	MmuINT0063002	chr7	1.35E+08	1.35E+08	+	0.045146
Fbrs	MmuINT0063003	chr7	1.35E+08	1.35E+08	+	0.039607
Fbrs	MmuINT0063004	chr7	1.35E+08	1.35E+08	+	0.017213
Fbrs	MmuINT0063005	chr7	1.35E+08	1.35E+08	+	0.014076
Fbrs	MmuINT0063006	chr7	1.35E+08	1.35E+08	+	0.017374
Fbrs	MmuINT0063007	chr7	1.35E+08	1.35E+08	+	0.025141
Fbrsl1	MmuINT0063008	chr5	1.11E+08	1.11E+08	-	0.010718
Fbrsl1	MmuINT0063011	chr5	1.11E+08	1.11E+08	-	0.010401
Fbrsl1	MmuINT0063012	chr5	1.11E+08	1.11E+08	-	0.023696
Fbrsl1	MmuINT0063013	chr5	1.11E+08	1.11E+08	-	0.016333
Fbrsl1	MmuINT0063014	chr5	1.11E+08	1.11E+08	-	0.030408
Fbrsl1	MmuINT0063019	chr5	1.11E+08	1.11E+08	-	0.007408
Fbrsl1	MmuINT0063020	chr5	1.11E+08	1.11E+08	-	0.016859
Fbrsl1	MmuINT0063021	chr5	1.11E+08	1.11E+08	-	0.00714
Fbrsl1	MmuINT0063022	chr5	1.11E+08	1.11E+08	-	0.129694
Fbrsl1	MmuINT0063023	chr5	1.11E+08	1.11E+08	-	0.059786
Fbrsl1	MmuINT0063024	chr5	1.11E+08	1.11E+08	-	0.017519
Fbrsl1	MmuINT0063025	chr5	1.11E+08	1.11E+08	-	0.019402
Fbrsl1	MmuINT0063026	chr5	1.11E+08	1.11E+08	-	0.473352
Fbrsl1	MmuINT0063027	chr5	1.11E+08	1.11E+08	-	0.040558
Fbrsl1	MmuINT0063028	chr5	1.11E+08	1.11E+08	-	0.019565
Fbxl12	MmuINT0063029	chr9	20446541	20446647	-	0.317062
Fbxl12	MmuINT0063030	chr9	20443643	20446467	-	0.245892
Fbxl15	MmuINT0063049	chr19	46403017	46403164	+	0.075243
Fbxl15	MmuINT0063050	chr19	46403319	46403577	+	0.13033
Fbxl17	MmuINT0063056	chr17	63840237	63848373	-	0.014907
Fbxl17	MmuINT0063057	chr17	63837319	63840113	-	0.009136
Fbxl17	MmuINT0063058	chr17	63820889	63837060	-	0.007245
Fbxl17	MmuINT0063059	chr17	63734402	63820756	-	0.005812
Fbxl17	MmuINT0063060	chr17	63706228	63734293	-	0.006681
Fbxl17	MmuINT0063061	chr17	63574451	63706096	-	0.011003
Fbxl17	MmuINT0063062	chr17	63429913	63574373	-	0.005824
Fbxl17	MmuINT0063063	chr17	63409761	63429769	-	0.005923
Fbxl18	MmuINT0063064	chr5	1.44E+08	1.44E+08	-	0.041815
Fbxl18	MmuINT0063065	chr5	1.44E+08	1.44E+08	-	0.15024
Fbxl18	MmuINT0063066	chr5	1.44E+08	1.44E+08	-	0.075948
Fbxl18	MmuINT0063067	chr5	1.44E+08	1.44E+08	-	0.093039
Fbxl19	MmuINT0063069	chr7	1.35E+08	1.35E+08	+	0.041792
Fbxl19	MmuINT0063070	chr7	1.35E+08	1.35E+08	+	0.042076
Fbxl19	MmuINT0063071	chr7	1.35E+08	1.35E+08	+	0.043675
Fbxl19	MmuINT0063072	chr7	1.35E+08	1.35E+08	+	0.155516
Fbxl19	MmuINT0063074	chr7	1.35E+08	1.35E+08	+	0.128132
Fbxl19	MmuINT0063075	chr7	1.35E+08	1.35E+08	+	0.04758
Fbxl19	MmuINT0063076	chr7	1.35E+08	1.35E+08	+	0.058973
Fbxl19	MmuINT0063077	chr7	1.35E+08	1.35E+08	+	0.089056
Fbxl20	MmuINT0063092	chr11	97989691	98010629	-	0.036458
Fbxl20	MmuINT0063093	chr11	97956508	97958242	-	0.173758

Fbxl20	MmuINT0063094	chr11	97954472	97956446	-	0.029598
Fbxl20	MmuINT0063095	chr11	97953516	97954426	-	0.064669
Fbxl20	MmuINT0063096	chr11	97952185	97953458	-	0.046862
Fbxl20	MmuINT0063097	chr11	97951013	97951971	-	0.168115
Fbxl20	MmuINT0063098	chr11	97976762	97989628	-	0.050381
Fbxl20	MmuINT0063099	chr11	97974610	97976706	-	0.028577
Fbxl20	MmuINT0063100	chr11	97972344	97974534	-	0.024642
Fbxl20	MmuINT0063101	chr11	97970877	97972248	-	0.020214
Fbxl20	MmuINT0063102	chr11	97963111	97970807	-	0.036305
Fbxl20	MmuINT0063103	chr11	97961424	97963014	-	0.016825
Fbxl20	MmuINT0063104	chr11	97959809	97961296	-	0.020495
Fbxl20	MmuINT0063105	chr11	97958374	97959733	-	0.020391
Fbxl22	MmuINT0063112	chr9	66359826	66362025	-	0.010396
Fbxl3	MmuINT0063113	chr14	1.03E+08	1.03E+08	-	0.257202
Fbxl3	MmuINT0063114	chr14	1.03E+08	1.03E+08	-	0.140018
Fbxl3	MmuINT0063115	chr14	1.03E+08	1.03E+08	-	0.05311
Fbxl3	MmuINT0063116	chr14	1.03E+08	1.03E+08	-	0.005003
Fbxl4	MmuINT0063117	chr4	22284829	22302807	+	0.046252
Fbxl4	MmuINT0063118	chr4	22302918	22303642	+	0.05255
Fbxl4	MmuINT0063119	chr4	22304225	22313053	+	0.023338
Fbxl4	MmuINT0063120	chr4	22313400	22317823	+	0.034239
Fbxl4	MmuINT0063121	chr4	22318069	22330678	+	0.016965
Fbxl4	MmuINT0063122	chr4	22330893	22349863	+	0.021145
Fbxl4	MmuINT0063123	chr4	22349936	22354296	+	0.047648
Fbxl4	MmuINT0063124	chr4	22354610	22360713	+	0.013192
Fbxl5	MmuINT0063125	chr5	44136615	44142100	-	0.040239
Fbxl5	MmuINT0063126	chr5	44164899	44173203	-	0.008777
Fbxl5	MmuINT0063127	chr5	44162072	44164682	-	0.006797
Fbxl5	MmuINT0063128	chr5	44159490	44161975	-	0.006602
Fbxl5	MmuINT0063129	chr5	44156731	44159302	-	0.004816
Fbxl5	MmuINT0063130	chr5	44154182	44156547	-	0.03773
Fbxl5	MmuINT0063131	chr5	44152095	44154055	-	0.046089
Fbxl5	MmuINT0063132	chr5	44151065	44151945	-	0.034357
Fbxl6	MmuINT0063133	chr15	76368506	76368754	-	0.308155
Fbxl6	MmuINT0063134	chr15	76368217	76368346	-	0.192894
Fbxl6	MmuINT0063135	chr15	76367851	76368152	-	0.047151
Fbxl6	MmuINT0063136	chr15	76367628	76367718	-	0.105073
Fbxl6	MmuINT0063137	chr15	76367437	76367519	-	0.066665
Fbxl6	MmuINT0063138	chr15	76367235	76367322	-	0.043291
Fbxl6	MmuINT0063139	chr15	76366902	76367002	-	0.014403
Fbxl6	MmuINT0063140	chr15	76366394	76366654	-	0.028821
Fbxl8	MmuINT0063145	chr8	1.08E+08	1.08E+08	+	0.353569
Fbxo10	MmuINT0063147	chr4	45048955	45053397	-	0.040776
Fbxo10	MmuINT0063150	chr4	45061449	45064424	-	0.053213
Fbxo10	MmuINT0063152	chr4	45057741	45059215	-	0.020512
Fbxo10	MmuINT0063153	chr4	45056776	45057587	-	0.030864
Fbxo10	MmuINT0063154	chr4	45054918	45056511	-	0.030549
Fbxo10	MmuINT0063155	chr4	45053580	45054603	-	0.017492
Fbxo11	MmuINT0063156	chr17	88415053	88464348	-	0.051054
Fbxo11	MmuINT0063157	chr17	88408072	88408155	-	0.011318

Fbxo11	MmuINT0063158	chr17	88402310	88407933	-	0.006978
Fbxo11	MmuINT0063159	chr17	88400198	88402091	-	0.00849
Fbxo11	MmuINT0063160	chr17	88398968	88400111	-	0.009306
Fbxo11	MmuINT0063161	chr17	88396976	88398872	-	0.014691
Fbxo11	MmuINT0063162	chr17	88396757	88396852	-	0.009692
Fbxo11	MmuINT0063163	chr17	88395684	88396670	-	0.018366
Fbxo11	MmuINT0063164	chr17	88395520	88395606	-	0.007495
Fbxo11	MmuINT0063165	chr17	88393188	88395375	-	0.027393
Fbxo11	MmuINT0063166	chr17	88392595	88393076	-	0.019633
Fbxo11	MmuINT0063167	chr17	88414821	88414927	-	0.011023
Fbxo11	MmuINT0063168	chr17	88392268	88392486	-	0.019022
Fbxo11	MmuINT0063169	chr17	88391697	88392158	-	0.026345
Fbxo11	MmuINT0063170	chr17	88391516	88391597	-	0.017005
Fbxo11	MmuINT0063171	chr17	88413891	88414738	-	0.025975
Fbxo11	MmuINT0063172	chr17	88412027	88413745	-	0.012678
Fbxo11	MmuINT0063173	chr17	88410717	88411896	-	0.015195
Fbxo11	MmuINT0063174	chr17	88410409	88410632	-	0.0238
Fbxo11	MmuINT0063175	chr17	88408651	88410275	-	0.028978
Fbxo11	MmuINT0063176	chr17	88408462	88408543	-	0.010442
Fbxo11	MmuINT0063177	chr17	88408263	88408349	-	0.007429
Fbxo18	MmuINT0063200	chr2	11691559	11699058	-	0.099923
Fbxo18	MmuINT0063201	chr2	11678317	11679066	-	0.015691
Fbxo18	MmuINT0063202	chr2	11678131	11678228	-	0.043741
Fbxo18	MmuINT0063203	chr2	11677405	11678043	-	0.017293
Fbxo18	MmuINT0063204	chr2	11673394	11677267	-	0.004015
Fbxo18	MmuINT0063205	chr2	11673200	11673293	-	0.004786
Fbxo18	MmuINT0063206	chr2	11671234	11673077	-	0.015599
Fbxo18	MmuINT0063207	chr2	11670762	11671157	-	0.082844
Fbxo18	MmuINT0063208	chr2	11670117	11670563	-	0.103169
Fbxo18	MmuINT0063209	chr2	11668794	11669990	-	0.015853
Fbxo18	MmuINT0063210	chr2	11665385	11668686	-	0.04364
Fbxo18	MmuINT0063211	chr2	11689339	11691402	-	0.057739
Fbxo18	MmuINT0063212	chr2	11664661	11665252	-	0.017901
Fbxo18	MmuINT0063213	chr2	11685861	11688748	-	0.004517
Fbxo18	MmuINT0063214	chr2	11685633	11685729	-	0.005438
Fbxo18	MmuINT0063215	chr2	11684649	11685496	-	0.011107
Fbxo18	MmuINT0063216	chr2	11682201	11684457	-	0.010327
Fbxo18	MmuINT0063217	chr2	11681651	11682107	-	0.006395
Fbxo18	MmuINT0063218	chr2	11680076	11681555	-	0.011057
Fbxo18	MmuINT0063219	chr2	11679290	11679906	-	0.014294
Fbxo21	MmuINT0063225	chr5	1.18E+08	1.18E+08	+	0.009646
Fbxo21	MmuINT0063226	chr5	1.18E+08	1.18E+08	+	0.007169
Fbxo21	MmuINT0063227	chr5	1.18E+08	1.18E+08	+	0.004892
Fbxo21	MmuINT0063228	chr5	1.18E+08	1.18E+08	+	0.008794
Fbxo21	MmuINT0063229	chr5	1.18E+08	1.18E+08	+	0.007205
Fbxo21	MmuINT0063230	chr5	1.18E+08	1.18E+08	+	0.007374
Fbxo21	MmuINT0063231	chr5	1.18E+08	1.18E+08	+	0.011205
Fbxo21	MmuINT0063232	chr5	1.18E+08	1.18E+08	+	0.02601
Fbxo21	MmuINT0063233	chr5	1.18E+08	1.18E+08	+	0.008503
Fbxo21	MmuINT0063234	chr5	1.18E+08	1.18E+08	+	0.003182

Fbxo22	MmuINT0063236	chr9	55056996	55057159	+	0.02716
Fbxo22	MmuINT0063237	chr9	55057299	55061715	+	0.071666
Fbxo22	MmuINT0063238	chr9	55061804	55062709	+	0.011159
Fbxo22	MmuINT0063239	chr9	55062806	55066121	+	0.011266
Fbxo24	MmuINT0063248	chr5	1.38E+08	1.38E+08	-	0.847437
Fbxo25	MmuINT0063249	chr8	13907864	13914943	+	0.011765
Fbxo25	MmuINT0063250	chr8	13915085	13920947	+	0.009021
Fbxo25	MmuINT0063251	chr8	13921049	13921884	+	0.020423
Fbxo25	MmuINT0063252	chr8	13921935	13923924	+	0.032661
Fbxo25	MmuINT0063253	chr8	13924018	13926947	+	0.023054
Fbxo25	MmuINT0063254	chr8	13927042	13929255	+	0.012483
Fbxo25	MmuINT0063255	chr8	13929441	13931181	+	0.015155
Fbxo25	MmuINT0063256	chr8	13931365	13935145	+	0.031667
Fbxo25	MmuINT0063257	chr8	13935290	13939562	+	0.130618
Fbxo28	MmuINT0063261	chr1	1.84E+08	1.84E+08	-	0.027153
Fbxo28	MmuINT0063262	chr1	1.84E+08	1.84E+08	-	0.016498
Fbxo28	MmuINT0063263	chr1	1.84E+08	1.84E+08	-	0.045147
Fbxo28	MmuINT0063264	chr1	1.84E+08	1.84E+08	-	0.016392
Fbxo3	MmuINT0063265	chr2	1.04E+08	1.04E+08	+	0.041137
Fbxo3	MmuINT0063266	chr2	1.04E+08	1.04E+08	+	0.012209
Fbxo3	MmuINT0063267	chr2	1.04E+08	1.04E+08	+	0.01216
Fbxo3	MmuINT0063268	chr2	1.04E+08	1.04E+08	+	0.002596
Fbxo3	MmuINT0063269	chr2	1.04E+08	1.04E+08	+	0.0034
Fbxo3	MmuINT0063270	chr2	1.04E+08	1.04E+08	+	0.004154
Fbxo3	MmuINT0063271	chr2	1.04E+08	1.04E+08	+	0.003653
Fbxo3	MmuINT0063272	chr2	1.04E+08	1.04E+08	+	0.002229
Fbxo30	MmuINT0063274	chr10	11001299	11009317	+	0.011316
Fbxo30	MmuINT0063275	chr10	11011371	11015014	+	0.013522
Fbxo31	MmuINT0063276	chr8	1.24E+08	1.24E+08	-	0.00789
Fbxo31	MmuINT0063277	chr8	1.24E+08	1.24E+08	-	0.050076
Fbxo31	MmuINT0063278	chr8	1.24E+08	1.24E+08	-	0.008234
Fbxo31	MmuINT0063279	chr8	1.24E+08	1.24E+08	-	0.015127
Fbxo31	MmuINT0063280	chr8	1.24E+08	1.24E+08	-	0.009919
Fbxo31	MmuINT0063281	chr8	1.24E+08	1.24E+08	-	0.041694
Fbxo31	MmuINT0063282	chr8	1.24E+08	1.24E+08	-	0.001966
Fbxo32	MmuINT0063284	chr15	58039623	58046050	-	0.003546
Fbxo32	MmuINT0063285	chr15	58037804	58039509	-	0.004649
Fbxo32	MmuINT0063286	chr15	58036861	58037753	-	0.003332
Fbxo32	MmuINT0063287	chr15	58023920	58036767	-	0.003307
Fbxo32	MmuINT0063288	chr15	58023025	58023825	-	0.002401
Fbxo32	MmuINT0063289	chr15	58015820	58022839	-	0.009472
Fbxo32	MmuINT0063291	chr15	58013111	58014389	-	0.013736
Fbxo33	MmuINT0063292	chr12	60307079	60319846	-	0.084976
Fbxo33	MmuINT0063293	chr12	60305984	60306967	-	0.056959
Fbxo33	MmuINT0063294	chr12	60303667	60305297	-	0.105049
Fbxo36	MmuINT0063304	chr1	84836544	84877666	+	0.063408
Fbxo36	MmuINT0063305	chr1	84877776	84893064	+	0.030182
Fbxo36	MmuINT0063306	chr1	84893238	84896571	+	0.032996
Fbxo38	MmuINT0063307	chr18	62700701	62708265	-	0.028452
Fbxo38	MmuINT0063308	chr18	62680480	62682003	-	0.029137

Fbxo38	MmuINT0063309	chr18	62679622	62680336	-	0.01381
Fbxo38	MmuINT0063310	chr18	62678266	62679407	-	0.01784
Fbxo38	MmuINT0063311	chr18	62676798	62678145	-	0.008737
Fbxo38	MmuINT0063312	chr18	62675199	62676617	-	0.023463
Fbxo38	MmuINT0063313	chr18	62670769	62674448	-	0.131811
Fbxo38	MmuINT0063314	chr18	62670467	62670667	-	0.017636
Fbxo38	MmuINT0063315	chr18	62667655	62670363	-	0.017193
Fbxo38	MmuINT0063316	chr18	62666404	62667487	-	0.014879
Fbxo38	MmuINT0063317	chr18	62665696	62666257	-	0.012496
Fbxo38	MmuINT0063318	chr18	62695904	62700534	-	0.010812
Fbxo38	MmuINT0063319	chr18	62665243	62665591	-	0.02624
Fbxo38	MmuINT0063320	chr18	62664535	62665128	-	0.070535
Fbxo38	MmuINT0063321	chr18	62693719	62695769	-	0.015356
Fbxo38	MmuINT0063322	chr18	62693329	62693554	-	0.015876
Fbxo38	MmuINT0063323	chr18	62690481	62693162	-	0.015311
Fbxo38	MmuINT0063324	chr18	62689344	62690342	-	0.01439
Fbxo38	MmuINT0063325	chr18	62686925	62689205	-	0.017847
Fbxo38	MmuINT0063326	chr18	62685917	62686830	-	0.03142
Fbxo38	MmuINT0063327	chr18	62682175	62685785	-	0.018014
Fbxo4	MmuINT0063331	chr15	3927998	3929241	-	0.063245
Fbxo4	MmuINT0063332	chr15	3925978	3927761	-	0.048714
Fbxo4	MmuINT0063333	chr15	3921705	3925756	-	0.045984
Fbxo4	MmuINT0063334	chr15	3921513	3921628	-	0.023193
Fbxo4	MmuINT0063335	chr15	3919083	3921336	-	0.027052
Fbxo4	MmuINT0063336	chr15	3915793	3918906	-	0.0842
Fbxo40	MmuINT0063337	chr16	36970830	36978834	-	0.011906
Fbxo40	MmuINT0063338	chr16	36966372	36968912	-	0.006728
Fbxo42	MmuINT0063352	chr4	1.41E+08	1.41E+08	+	0.024227
Fbxo42	MmuINT0063353	chr4	1.41E+08	1.41E+08	+	0.025299
Fbxo42	MmuINT0063354	chr4	1.41E+08	1.41E+08	+	0.02804
Fbxo42	MmuINT0063355	chr4	1.41E+08	1.41E+08	+	0.023036
Fbxo42	MmuINT0063356	chr4	1.41E+08	1.41E+08	+	0.084083
Fbxo42	MmuINT0063357	chr4	1.41E+08	1.41E+08	+	0.06427
Fbxo42	MmuINT0063358	chr4	1.41E+08	1.41E+08	+	0.078387
Fbxo42	MmuINT0063359	chr4	1.41E+08	1.41E+08	+	0.059982
Fbxo42	MmuINT0063360	chr4	1.41E+08	1.41E+08	+	0.03107
Fbxo44	MmuINT0063366	chr4	1.48E+08	1.48E+08	-	0.021276
Fbxo44	MmuINT0063367	chr4	1.48E+08	1.48E+08	-	0.030783
Fbxo44	MmuINT0063368	chr4	1.48E+08	1.48E+08	-	0.043601
Fbxo44	MmuINT0063369	chr4	1.48E+08	1.48E+08	-	0.06959
Fbxo45	MmuINT0063370	chr16	32238843	32246579	-	0.029238
Fbxo5	MmuINT0063389	chr10	4546286	4546718	+	0.457521
Fbxo6	MmuINT0063391	chr4	1.48E+08	1.48E+08	-	0.559006
Fbxo6	MmuINT0063392	chr4	1.48E+08	1.48E+08	-	0.006651
Fbxo6	MmuINT0063393	chr4	1.48E+08	1.48E+08	-	0.009503
Fbxo6	MmuINT0063394	chr4	1.48E+08	1.48E+08	-	0.004341
Fbxo6	MmuINT0063395	chr4	1.48E+08	1.48E+08	-	0.006113
Fbxo7	MmuINT0063396	chr10	85484890	85487160	+	0.034454
Fbxo7	MmuINT0063397	chr10	85487456	85491753	+	0.015891
Fbxo7	MmuINT0063398	chr10	85491982	85493672	+	0.012559

Fbxo7	MmuINT0063399	chr10	85493815	85495978	+	0.035946
Fbxo7	MmuINT0063400	chr10	85496066	85505666	+	0.030992
Fbxo7	MmuINT0063401	chr10	85505763	85507167	+	0.013032
Fbxo7	MmuINT0063402	chr10	85507345	85509517	+	0.013719
Fbxo7	MmuINT0063403	chr10	85509556	85510466	+	0.015512
Fbxo8	MmuINT0063404	chr8	59030174	59043354	+	0.028672
Fbxo8	MmuINT0063405	chr8	59043692	59048080	+	0.003371
Fbxo8	MmuINT0063406	chr8	59048208	59066803	+	0.00842
Fbxo8	MmuINT0063407	chr8	59066923	59068854	+	0.003304
Fbxo8	MmuINT0063408	chr8	59069052	59070232	+	0.003595
Fbxo9	MmuINT0063410	chr9	77933808	77934081	-	0.028472
Fbxo9	MmuINT0063411	chr9	77932462	77933713	-	0.132856
Fbxo9	MmuINT0063412	chr9	77929896	77932309	-	0.025989
Fbxo9	MmuINT0063413	chr9	77949494	77952077	-	0.007864
Fbxo9	MmuINT0063414	chr9	77947653	77949334	-	0.026315
Fbxo9	MmuINT0063415	chr9	77946253	77947594	-	0.007116
Fbxo9	MmuINT0063416	chr9	77943806	77946152	-	0.011056
Fbxo9	MmuINT0063417	chr9	77943067	77943674	-	0.076672
Fbxo9	MmuINT0063418	chr9	77935396	77942951	-	0.049399
Fbxo9	MmuINT0063419	chr9	77935072	77935276	-	0.006801
Fbxo9	MmuINT0063420	chr9	77934178	77934980	-	0.038005
Fbxw11	MmuINT0063435	chr11	32638481	32639155	+	0.007289
Fbxw11	MmuINT0063436	chr11	32639267	32640186	+	0.010838
Fbxw11	MmuINT0063437	chr11	32640266	32642458	+	0.027271
Fbxw11	MmuINT0063438	chr11	32642645	32644529	+	0.031029
Fbxw11	MmuINT0063440	chr11	32608251	32611771	+	0.011253
Fbxw11	MmuINT0063441	chr11	32611998	32620471	+	0.006697
Fbxw11	MmuINT0063442	chr11	32620659	32622054	+	0.009557
Fbxw11	MmuINT0063443	chr11	32622146	32631335	+	0.014294
Fbxw11	MmuINT0063444	chr11	32631474	32633499	+	0.008632
Fbxw11	MmuINT0063445	chr11	32633619	32635137	+	0.008282
Fbxw11	MmuINT0063446	chr11	32635388	32638361	+	0.025476
Fbxw17	MmuINT0063484	chr13	50518732	50519120	+	0.057254
Fbxw17	MmuINT0063485	chr13	50519240	50520925	+	0.058797
Fbxw17	MmuINT0063486	chr13	50521136	50521990	+	0.055802
Fbxw17	MmuINT0063487	chr13	50522150	50526908	+	0.214641
Fbxw17	MmuINT0063488	chr13	50527120	50527539	+	0.512309
Fbxw17	MmuINT0063489	chr13	50527716	50527796	+	0.482792
Fbxw17	MmuINT0063490	chr13	50527925	50528666	+	0.043981
Fbxw2	MmuINT0063508	chr2	34681591	34681691	-	0.03239
Fbxw2	MmuINT0063509	chr2	34664121	34666502	-	0.03637
Fbxw2	MmuINT0063510	chr2	34662968	34664033	-	0.026776
Fbxw4	MmuINT0063565	chr19	45710939	45714915	-	0.009544
Fbxw4	MmuINT0063566	chr19	45710358	45710752	-	0.005667
Fbxw4	MmuINT0063567	chr19	45705450	45710224	-	0.008056
Fbxw4	MmuINT0063568	chr19	45666285	45705354	-	0.013297
Fbxw4	MmuINT0063569	chr19	45654284	45666218	-	0.045639
Fbxw4	MmuINT0063570	chr19	45653753	45654142	-	0.045016
Fbxw4	MmuINT0063571	chr19	45653416	45653610	-	0.011078
Fbxw5	MmuINT0063572	chr2	25356407	25357455	+	0.299201



Fbxw5	MmuINT0063573	chr2	25357672	25357920	+	0.060506
Fbxw5	MmuINT0063574	chr2	25358079	25358390	+	0.034532
Fbxw5	MmuINT0063575	chr2	25358566	25358644	+	0.024155
Fbxw5	MmuINT0063576	chr2	25358794	25358956	+	0.024961
Fbxw5	MmuINT0063577	chr2	25359387	25359699	+	0.075539
Fbxw5	MmuINT0063578	chr2	25359848	25359936	+	0.005648
Fbxw5	MmuINT0063579	chr2	25360150	25360229	+	0.038697
Fbxw7	MmuINT0063580	chr3	84619692	84667885	+	0.058829
Fbxw7	MmuINT0063584	chr3	84776479	84778324	+	0.018476
Fbxw7	MmuINT0063585	chr3	84778551	84780095	+	0.026198
Fbxw7	MmuINT0063586	chr3	84780307	84781194	+	0.015362
Fbxw7	MmuINT0063588	chr3	84708002	84758796	+	0.0456
Fbxw7	MmuINT0063589	chr3	84758880	84762425	+	0.003699
Fbxw7	MmuINT0063590	chr3	84762568	84769169	+	0.007459
Fbxw7	MmuINT0063591	chr3	84769305	84771361	+	0.016483
Fbxw7	MmuINT0063592	chr3	84771486	84773086	+	0.020588
Fbxw7	MmuINT0063593	chr3	84773224	84774717	+	0.022983
Fbxw7	MmuINT0063594	chr3	84774832	84776296	+	0.016274
Fbxw8	MmuINT0063596	chr5	1.19E+08	1.19E+08	-	0.007541
Fbxw8	MmuINT0063597	chr5	1.19E+08	1.19E+08	-	0.015584
Fbxw8	MmuINT0063598	chr5	1.19E+08	1.19E+08	-	0.005727
Fbxw8	MmuINT0063599	chr5	1.19E+08	1.19E+08	-	0.00565
Fbxw8	MmuINT0063600	chr5	1.19E+08	1.19E+08	-	0.007497
Fbxw8	MmuINT0063601	chr5	1.19E+08	1.19E+08	-	0.004489
Fbxw8	MmuINT0063602	chr5	1.19E+08	1.19E+08	-	0.003875
Fbxw8	MmuINT0063603	chr5	1.19E+08	1.19E+08	-	0.006149
Fbxw8	MmuINT0063604	chr5	1.19E+08	1.19E+08	-	0.025356
Fbxw8	MmuINT0063605	chr5	1.19E+08	1.19E+08	-	0.008828
Fbxw9	MmuINT0063606	chr8	87584436	87585844	+	0.243962
Fbxw9	MmuINT0063607	chr8	87585985	87586070	+	0.071316
Fbxw9	MmuINT0063608	chr8	87586200	87588282	+	0.163921
Fbxw9	MmuINT0063609	chr8	87588396	87588479	+	0.379254
Fbxw9	MmuINT0063610	chr8	87588572	87589719	+	0.121416
Fbxw9	MmuINT0063611	chr8	87589869	87589954	+	0.056693
Fbxw9	MmuINT0063612	chr8	87590069	87590171	+	0.15317
Fbxw9	MmuINT0063613	chr8	87590262	87590343	+	0.069521
Fbxw9	MmuINT0063614	chr8	87590410	87590488	+	0.047568
Fcer1g	MmuINT0063624	chr1	1.73E+08	1.73E+08	-	0.072073
Fcer1g	MmuINT0063625	chr1	1.73E+08	1.73E+08	-	0.056363
Fcer1g	MmuINT0063626	chr1	1.73E+08	1.73E+08	-	0.116461
Fcer1g	MmuINT0063627	chr1	1.73E+08	1.73E+08	-	0.07875
Fcf1	MmuINT0063639	chr12	86311916	86312164	+	0.004388
Fcf1	MmuINT0063643	chr12	86320418	86321464	+	0.047347
Fcf1	MmuINT0063645	chr12	86323281	86324118	+	0.003663
Fcgr1	MmuINT0063666	chr3	96096434	96097441	-	0.040096
Fcgr1	MmuINT0063667	chr3	96091156	96096175	-	0.047576
Fcgr2b	MmuINT0063672	chr1	1.73E+08	1.73E+08	-	0.018831
Fcgr2b	MmuINT0063673	chr1	1.73E+08	1.73E+08	-	0.041074
Fcgr2b	MmuINT0063675	chr1	1.73E+08	1.73E+08	-	0.037423
Fcgr2b	MmuINT0063676	chr1	1.73E+08	1.73E+08	-	0.242735

Fcgr2b	MmuINT0063677	chr1	1.73E+08	1.73E+08	-	0.01825
Fcgr3	MmuINT0063678	chr1	1.73E+08	1.73E+08	-	0.023882
Fcgr3	MmuINT0063679	chr1	1.73E+08	1.73E+08	-	0.016089
Fcgr3	MmuINT0063681	chr1	1.73E+08	1.73E+08	-	0.017785
Fcgrt	MmuINT0063686	chr7	52358644	52359009	-	0.002987
Fcgrt	MmuINT0063687	chr7	52358042	52358372	-	0.028272
Fcgrt	MmuINT0063688	chr7	52357556	52357783	-	0.101587
Fcgrt	MmuINT0063689	chr7	52350800	52357279	-	0.004983
Fcgrt	MmuINT0063690	chr7	52349269	52350529	-	0.044442
Fcgrt	MmuINT0063691	chr7	52348726	52349151	-	0.01799
Fcho2	MmuINT0063720	chr13	99532812	99533644	-	0.010217
Fcho2	MmuINT0063722	chr13	99525209	99525520	-	0.011588
Fcho2	MmuINT0063723	chr13	99522301	99525034	-	0.030578
Fcho2	MmuINT0063725	chr13	99519850	99521861	-	0.210607
Fcho2	MmuINT0063726	chr13	99518260	99519806	-	0.232028
Fcho2	MmuINT0063727	chr13	99515860	99518170	-	0.034996
Fcho2	MmuINT0063728	chr13	99513496	99515755	-	0.009927
Fcho2	MmuINT0063729	chr13	99505086	99513365	-	0.012098
Fcho2	MmuINT0063730	chr13	99566323	99576260	-	0.015505
Fcho2	MmuINT0063731	chr13	99502629	99504973	-	0.0104
Fcho2	MmuINT0063732	chr13	99502165	99502472	-	0.009478
Fcho2	MmuINT0063733	chr13	99500932	99502031	-	0.015152
Fcho2	MmuINT0063734	chr13	99500209	99500731	-	0.01383
Fcho2	MmuINT0063735	chr13	99496181	99500143	-	0.027562
Fcho2	MmuINT0063736	chr13	99495732	99496015	-	0.022406
Fcho2	MmuINT0063737	chr13	99559829	99566247	-	0.011269
Fcho2	MmuINT0063738	chr13	99559471	99559686	-	0.01023
Fcho2	MmuINT0063739	chr13	99554836	99559317	-	0.010643
Fcho2	MmuINT0063740	chr13	99547443	99554730	-	0.010981
Fcho2	MmuINT0063741	chr13	99545873	99547343	-	0.011463
Fcho2	MmuINT0063742	chr13	99534505	99545775	-	0.015396
Fcho2	MmuINT0063743	chr13	99533718	99534459	-	0.014017
Fchsd1	MmuINT0063754	chr18	38119309	38119431	-	0.124642
Fchsd2	MmuINT0063763	chr7	1.08E+08	1.08E+08	+	0.016303
Fchsd2	MmuINT0063764	chr7	1.08E+08	1.08E+08	+	0.027819
Fchsd2	MmuINT0063765	chr7	1.08E+08	1.08E+08	+	0.016558
Fchsd2	MmuINT0063766	chr7	1.08E+08	1.08E+08	+	0.023121
Fchsd2	MmuINT0063767	chr7	1.08E+08	1.08E+08	+	0.022747
Fchsd2	MmuINT0063768	chr7	1.08E+08	1.08E+08	+	0.043134
Fchsd2	MmuINT0063769	chr7	1.08E+08	1.08E+08	+	0.039635
Fchsd2	MmuINT0063770	chr7	1.08E+08	1.08E+08	+	0.049583
Fchsd2	MmuINT0063771	chr7	1.08E+08	1.08E+08	+	0.015231
Fchsd2	MmuINT0063772	chr7	1.08E+08	1.08E+08	+	0.016524
Fchsd2	MmuINT0063773	chr7	1.08E+08	1.08E+08	+	0.014951
Fchsd2	MmuINT0063774	chr7	1.08E+08	1.08E+08	+	0.024481
Fchsd2	MmuINT0063776	chr7	1.08E+08	1.08E+08	+	0.015683
Fchsd2	MmuINT0063777	chr7	1.08E+08	1.08E+08	+	0.01746
Fchsd2	MmuINT0063778	chr7	1.08E+08	1.08E+08	+	0.023797
Fchsd2	MmuINT0063779	chr7	1.08E+08	1.08E+08	+	0.019716
Fchsd2	MmuINT0063780	chr7	1.08E+08	1.08E+08	+	0.016368

Fchsd2	MmuINT0063781	chr7	1.08E+08	1.08E+08	+	0.015931
Fcna	MmuINT0063790	chr2	25481084	25481531	-	0.083941
Fcrls	MmuINT0063841	chr3	87066122	87067366	-	0.038212
Fcrls	MmuINT0063842	chr3	87063555	87066100	-	0.019447
Fcrls	MmuINT0063843	chr3	87063070	87063287	-	0.04136
Fcrls	MmuINT0063844	chr3	87061539	87062787	-	0.030845
Fcrls	MmuINT0063845	chr3	87060833	87061229	-	0.039037
Fcrls	MmuINT0063846	chr3	87056679	87060553	-	0.066886
Fcrls	MmuINT0063847	chr3	87055319	87056357	-	0.026077
Fdft1	MmuINT0063848	chr14	63783467	63796519	-	0.958443
Fdft1	MmuINT0063852	chr14	63771341	63775395	-	0.005581
Fdx1	MmuINT0063864	chr9	51765303	51771375	-	0.001345
Fdx1	MmuINT0063865	chr9	51756812	51765177	-	0.001241
Fdx1	MmuINT0063866	chr9	51751755	51756681	-	0.00547
Fdx1l	MmuINT0063867	chr9	20877763	20877832	-	0.078878
Fdx1l	MmuINT0063868	chr9	20877626	20877707	-	0.327552
Fdx1l	MmuINT0063869	chr9	20872562	20877518	-	0.019292
Fdx1l	MmuINT0063870	chr9	20872370	20872473	-	0.00247
Fdxacb1	MmuINT0063871	chr9	50576561	50576792	+	0.177811
Fdxacb1	MmuINT0063872	chr9	50576950	50578214	+	0.135877
Fdxacb1	MmuINT0063873	chr9	50578419	50578736	+	0.206987
Fdxacb1	MmuINT0063874	chr9	50578896	50579535	+	0.03149
Fdxr	MmuINT0063875	chr11	1.15E+08	1.15E+08	-	0.069497
Fdxr	MmuINT0063876	chr11	1.15E+08	1.15E+08	-	0.055671
Fdxr	MmuINT0063877	chr11	1.15E+08	1.15E+08	-	0.019674
Fdxr	MmuINT0063878	chr11	1.15E+08	1.15E+08	-	0.046452
Fdxr	MmuINT0063879	chr11	1.15E+08	1.15E+08	-	0.047471
Fdxr	MmuINT0063880	chr11	1.15E+08	1.15E+08	-	0.024967
Fdxr	MmuINT0063881	chr11	1.15E+08	1.15E+08	-	0.021705
Fdxr	MmuINT0063882	chr11	1.15E+08	1.15E+08	-	0.060673
Fdxr	MmuINT0063883	chr11	1.15E+08	1.15E+08	-	0.038192
Fdxr	MmuINT0063884	chr11	1.15E+08	1.15E+08	-	0.045021
Fdxr	MmuINT0063885	chr11	1.15E+08	1.15E+08	-	0.020304
Fech	MmuINT0063886	chr18	64643112	64648554	-	0.004108
Fech	MmuINT0063887	chr18	64617872	64618308	-	0.002126
Fech	MmuINT0063888	chr18	64638425	64642987	-	0.01304
Fech	MmuINT0063889	chr18	64634860	64638304	-	0.001503
Fech	MmuINT0063890	chr18	64630471	64634710	-	0.001116
Fech	MmuINT0063891	chr18	64627489	64630335	-	0.001804
Fech	MmuINT0063892	chr18	64623839	64627381	-	0.00513
Fech	MmuINT0063893	chr18	64621869	64623739	-	0.002134
Fech	MmuINT0063895	chr18	64618369	64621174	-	0.004583
Fem1b	MmuINT0063896	chr9	62645536	62658864	-	0.018828
Fem1c	MmuINT0063897	chr18	46684484	46685271	-	0.024964
Fem1c	MmuINT0063898	chr18	46666044	46683755	-	0.015831
Fermt2	MmuINT0063959	chr14	46084866	46087012	-	0.005143
Fermt2	MmuINT0063960	chr14	46084621	46084758	-	0.001553
Fermt2	MmuINT0063961	chr14	46081916	46084398	-	0.145865
Fermt2	MmuINT0063962	chr14	46081584	46081790	-	0.000953
Fermt2	MmuINT0063963	chr14	46079699	46081441	-	0.01294

Fermt2	MmuINT0063964	chr14	46124406	46149099	-	0.001502
Fermt2	MmuINT0063965	chr14	46102242	46124171	-	0.001258
Fermt2	MmuINT0063966	chr14	46095789	46102106	-	0.017442
Fermt2	MmuINT0063967	chr14	46095351	46095562	-	0.06352
Fermt2	MmuINT0063968	chr14	46092555	46095247	-	0.002105
Fermt2	MmuINT0063969	chr14	46089050	46092446	-	0.009035
Fermt2	MmuINT0063970	chr14	46088228	46088914	-	0.004484
Fermt2	MmuINT0063971	chr14	46087138	46088177	-	0.002
Fermt3	MmuINT0063972	chr19	7093330	7093767	-	0.061909
Fermt3	MmuINT0063973	chr19	7077167	7077311	-	0.147423
Fermt3	MmuINT0063974	chr19	7076943	7077059	-	0.170205
Fermt3	MmuINT0063975	chr19	7076372	7076702	-	0.164356
Fermt3	MmuINT0063976	chr19	7074271	7076246	-	0.193014
Fermt3	MmuINT0063977	chr19	7074011	7074128	-	0.272089
Fermt3	MmuINT0063978	chr19	7089341	7093155	-	0.12681
Fermt3	MmuINT0063979	chr19	7088938	7089106	-	0.068335
Fermt3	MmuINT0063980	chr19	7088719	7088817	-	0.057323
Fermt3	MmuINT0063981	chr19	7088441	7088549	-	0.039191
Fermt3	MmuINT0063982	chr19	7078066	7088337	-	0.053297
Fermt3	MmuINT0063983	chr19	7077794	7077957	-	0.069614
Fermt3	MmuINT0063984	chr19	7077571	7077658	-	0.14818
Fermt3	MmuINT0063985	chr19	7077437	7077520	-	0.096492
Fes	MmuINT0064006	chr7	87532230	87532722	-	0.123412
Fes	MmuINT0064007	chr7	87526697	87527198	-	0.339458
Fes	MmuINT0064008	chr7	87526174	87526486	-	0.287832
Fes	MmuINT0064009	chr7	87525779	87526050	-	0.034528
Fes	MmuINT0064010	chr7	87525214	87525724	-	0.321014
Fes	MmuINT0064011	chr7	87524799	87525094	-	0.253174
Fes	MmuINT0064012	chr7	87524621	87524703	-	0.066426
Fes	MmuINT0064013	chr7	87523822	87524496	-	0.025188
Fes	MmuINT0064014	chr7	87523551	87523663	-	0.122481
Fes	MmuINT0064015	chr7	87522961	87523427	-	0.112434
Fes	MmuINT0064016	chr7	87531871	87532007	-	0.056995
Fes	MmuINT0064017	chr7	87529174	87531696	-	0.027969
Fes	MmuINT0064018	chr7	87528904	87529076	-	0.096446
Fes	MmuINT0064019	chr7	87528293	87528719	-	0.166249
Fes	MmuINT0064020	chr7	87528076	87528154	-	0.121897
Fes	MmuINT0064021	chr7	87527820	87527955	-	0.208408
Fes	MmuINT0064022	chr7	87527594	87527696	-	0.116846
Fes	MmuINT0064023	chr7	87527283	87527406	-	0.397241
Fez2	MmuINT0064043	chr17	78812313	78817172	-	0.002678
Fez2	MmuINT0064044	chr17	78804185	78812203	-	0.002871
Fez2	MmuINT0064045	chr17	78802222	78804067	-	0.002314
Fez2	MmuINT0064046	chr17	78800239	78802079	-	0.002132
Fez2	MmuINT0064047	chr17	78784160	78799969	-	0.014227
Fez2	MmuINT0064048	chr17	78781014	78784083	-	0.005487
Fez2	MmuINT0064049	chr17	78778086	78780947	-	0.010661
Fga	MmuINT0064060	chr3	82830191	82832443	+	0.060535
Fga	MmuINT0064061	chr3	82832573	82833003	+	0.05765
Fga	MmuINT0064062	chr3	82833188	82834106	+	0.061656

Fgb	MmuINT0064063	chr3	82850771	82853602	-	0.073572
Fgb	MmuINT0064064	chr3	82850108	82850575	-	0.042786
Fgb	MmuINT0064065	chr3	82849023	82849923	-	0.06719
Fgb	MmuINT0064066	chr3	82848255	82848794	-	0.030407
Fgb	MmuINT0064067	chr3	82847825	82848140	-	0.039883
Fgb	MmuINT0064068	chr3	82847440	82847698	-	0.024026
Fgb	MmuINT0064069	chr3	82846557	82847153	-	0.023692
Fgd1	MmuINT0064071	chrX	1.48E+08	1.48E+08	+	0.030737
Fgd1	MmuINT0064073	chrX	1.48E+08	1.48E+08	+	0.091148
Fgd1	MmuINT0064074	chrX	1.48E+08	1.48E+08	+	0.077345
Fgd1	MmuINT0064075	chrX	1.48E+08	1.48E+08	+	0.022864
Fgd1	MmuINT0064076	chrX	1.48E+08	1.48E+08	+	0.017383
Fgd1	MmuINT0064077	chrX	1.48E+08	1.48E+08	+	0.349409
Fgd1	MmuINT0064078	chrX	1.48E+08	1.48E+08	+	0.016304
Fgd1	MmuINT0064082	chrX	1.48E+08	1.48E+08	+	0.020956
Fgd1	MmuINT0064085	chrX	1.48E+08	1.48E+08	+	0.024115
Fgd2	MmuINT0064087	chr17	29510243	29510328	+	0.146637
Fgd2	MmuINT0064088	chr17	29510360	29510955	+	0.198985
Fgd2	MmuINT0064090	chr17	29511924	29513772	+	0.229573
Fgd2	MmuINT0064091	chr17	29513920	29515257	+	0.124755
Fgd2	MmuINT0064092	chr17	29515405	29515789	+	0.093989
Fgd2	MmuINT0064093	chr17	29501937	29502406	+	0.501267
Fgd4	MmuINT0064117	chr16	16424150	16425859	-	0.010724
Fgd4	MmuINT0064118	chr16	16422914	16424008	-	0.010707
Fgd4	MmuINT0064127	chr16	16454258	16461686	-	0.021967
Fgd5	MmuINT0064128	chr6	91939460	91974497	+	0.015863
Fgd5	MmuINT0064129	chr6	92011870	92012829	+	0.057385
Fgd5	MmuINT0064130	chr6	92012899	92015141	+	0.042524
Fgd5	MmuINT0064131	chr6	92015226	92016176	+	0.033902
Fgd5	MmuINT0064132	chr6	92016257	92017495	+	0.145274
Fgd5	MmuINT0064133	chr6	92017596	92017878	+	0.142987
Fgd5	MmuINT0064134	chr6	92018017	92018441	+	0.145293
Fgd5	MmuINT0064135	chr6	92018572	92019361	+	0.031848
Fgd5	MmuINT0064136	chr6	92019496	92021305	+	0.114011
Fgd5	MmuINT0064137	chr6	92021435	92024091	+	0.043699
Fgd5	MmuINT0064138	chr6	92024247	92024563	+	0.049323
Fgd5	MmuINT0064139	chr6	91974628	91988018	+	0.025871
Fgd5	MmuINT0064140	chr6	91988078	91988180	+	0.035238
Fgd5	MmuINT0064141	chr6	91988212	91999999	+	0.107832
Fgd5	MmuINT0064142	chr6	92000161	92000383	+	0.087717
Fgd5	MmuINT0064143	chr6	92000544	92001073	+	0.086911
Fgd5	MmuINT0064144	chr6	92001162	92003220	+	0.037213
Fgd5	MmuINT0064145	chr6	92003272	92003804	+	0.042341
Fgd5	MmuINT0064146	chr6	92003864	92011797	+	0.041598
Fgd6	MmuINT0064147	chr10	93499056	93506046	+	0.047097
Fgd6	MmuINT0064149	chr10	93586361	93587634	+	0.088709
Fgd6	MmuINT0064150	chr10	93587704	93588293	+	0.073383
Fgd6	MmuINT0064151	chr10	93588378	93590113	+	0.126086
Fgd6	MmuINT0064152	chr10	93590194	93596024	+	0.07173
Fgd6	MmuINT0064153	chr10	93596128	93596745	+	0.060661

Fgd6	MmuINT0064154	chr10	93596890	93597761	+	0.101758
Fgd6	MmuINT0064155	chr10	93597865	93600180	+	0.053872
Fgd6	MmuINT0064156	chr10	93600309	93601028	+	0.038673
Fgd6	MmuINT0064157	chr10	93601158	93602483	+	0.050595
Fgd6	MmuINT0064158	chr10	93508379	93536927	+	0.05585
Fgd6	MmuINT0064159	chr10	93602633	93604497	+	0.058059
Fgd6	MmuINT0064162	chr10	93552508	93563146	+	0.048897
Fgd6	MmuINT0064163	chr10	93563299	93565986	+	0.061546
Fgf1	MmuINT0064167	chr18	39018403	39078200	-	0.001839
Fgf1	MmuINT0064168	chr18	39006805	39018199	-	0.003054
Fgf1	MmuINT0064169	chr18	39001776	39006700	-	0.029006
Fgf13	MmuINT0064183	chrX	56379175	56385016	-	0.003025
Fgf13	MmuINT0064184	chrX	56320777	56379070	-	0.004477
Fgf13	MmuINT0064185	chrX	56316847	56320577	-	0.003088
Fgf16	MmuINT0064193	chrX	1.03E+08	1.03E+08	+	0.10318
Fgf16	MmuINT0064194	chrX	1.03E+08	1.03E+08	+	0.014014
Fgf18	MmuINT0064201	chr11	33024720	33034202	-	0.032221
Fgf18	MmuINT0064202	chr11	33018032	33024612	-	0.031099
Fgf2	MmuINT0064204	chr3	37295211	37303533	+	0.078536
Fgfr1	MmuINT0064233	chr8	26629902	26642721	+	0.020029
Fgfr1	MmuINT0064234	chr8	26678806	26680110	+	0.034906
Fgfr1	MmuINT0064235	chr8	26680233	26680612	+	0.019209
Fgfr1	MmuINT0064236	chr8	26680724	26681181	+	0.012708
Fgfr1	MmuINT0064237	chr8	26681373	26682809	+	0.01139
Fgfr1	MmuINT0064238	chr8	26682933	26683190	+	0.019444
Fgfr1	MmuINT0064239	chr8	26683262	26683594	+	0.011357
Fgfr1	MmuINT0064240	chr8	26683733	26684017	+	0.012074
Fgfr1	MmuINT0064241	chr8	26684124	26684216	+	0.013156
Fgfr1	MmuINT0064242	chr8	26642901	26665979	+	0.026753
Fgfr1	MmuINT0064243	chr8	26668293	26668542	+	0.039777
Fgfr1	MmuINT0064244	chr8	26668716	26671191	+	0.012287
Fgfr1	MmuINT0064245	chr8	26671316	26672609	+	0.013102
Fgfr1	MmuINT0064246	chr8	26672801	26674811	+	0.138873
Fgfr1	MmuINT0064247	chr8	26674957	26677182	+	0.109966
Fgfr1	MmuINT0064248	chr8	26677386	26678659	+	0.093748
Fgfr1op	MmuINT0064250	chr17	8379447	8384262	+	0.03392
Fgfr1op	MmuINT0064251	chr17	8384303	8385049	+	0.058569
Fgfr1op	MmuINT0064252	chr17	8385147	8387385	+	0.050587
Fgfr1op	MmuINT0064254	chr17	8361955	8362392	+	0.02489
Fgfr1op	MmuINT0064255	chr17	8362482	8362870	+	0.019695
Fgfr1op	MmuINT0064256	chr17	8363009	8365792	+	0.012659
Fgfr1op	MmuINT0064257	chr17	8365874	8368383	+	0.257219
Fgfr1op	MmuINT0064258	chr17	8368444	8375092	+	0.690695
Fgfr1op	MmuINT0064259	chr17	8375320	8377265	+	0.016952
Fgfr1op	MmuINT0064260	chr17	8377379	8379377	+	0.011602
Fgfr1op2	MmuINT0064264	chr6	1.47E+08	1.47E+08	+	0.013482
Fgfr1op2	MmuINT0064265	chr6	1.47E+08	1.47E+08	+	0.070242
Fgfr1op2	MmuINT0064266	chr6	1.47E+08	1.47E+08	+	0.417373
Fgfr1op2	MmuINT0064267	chr6	1.47E+08	1.47E+08	+	0.001616
Fgfr3	MmuINT0064289	chr5	34065161	34070295	+	0.055953

Fgfr3	MmuINT0064290	chr5	34076616	34076695	+	0.063882
Fgfr3	MmuINT0064291	chr5	34076887	34076995	+	0.112146
Fgfr3	MmuINT0064292	chr5	34077119	34077201	+	0.071375
Fgfr3	MmuINT0064293	chr5	34077273	34077499	+	0.11412
Fgfr3	MmuINT0064294	chr5	34077638	34077781	+	0.131764
Fgfr3	MmuINT0064295	chr5	34077888	34078062	+	0.023538
Fgfr3	MmuINT0064298	chr5	34072709	34072792	+	0.174083
Fgfr3	MmuINT0064299	chr5	34072984	34074765	+	0.511527
Fgfr3	MmuINT0064300	chr5	34074911	34075370	+	0.268446
Fgfr3	MmuINT0064302	chr5	34076052	34076308	+	0.066916
Fgfr3	MmuINT0064303	chr5	34076431	34076504	+	0.034992
Fgfrl1	MmuINT0064327	chr5	1.09E+08	1.09E+08	+	0.016121
Fgfrl1	MmuINT0064328	chr5	1.09E+08	1.09E+08	+	0.013944
Fgfrl1	MmuINT0064329	chr5	1.09E+08	1.09E+08	+	0.010317
Fgg	MmuINT0064334	chr3	82812480	82812569	+	0.037204
Fgg	MmuINT0064335	chr3	82812664	82813985	+	0.036501
Fgg	MmuINT0064336	chr3	82814117	82814377	+	0.062163
Fgg	MmuINT0064337	chr3	82814512	82815266	+	0.04469
Fgg	MmuINT0064338	chr3	82815452	82816685	+	0.025158
Fgg	MmuINT0064339	chr3	82816964	82818059	+	0.036772
Fgg	MmuINT0064340	chr3	82818230	82818756	+	0.059999
Fggy	MmuINT0064341	chr4	95224283	95251922	+	0.034166
Fggy	MmuINT0064342	chr4	95478861	95488668	+	0.086974
Fggy	MmuINT0064343	chr4	95488817	95504275	+	0.037808
Fggy	MmuINT0064344	chr4	95504351	95510763	+	0.02697
Fggy	MmuINT0064345	chr4	95510885	95516272	+	0.036988
Fggy	MmuINT0064346	chr4	95516368	95589615	+	0.040224
Fggy	MmuINT0064347	chr4	95589678	95593413	+	0.041711
Fggy	MmuINT0064348	chr4	95252139	95264313	+	0.052445
Fggy	MmuINT0064349	chr4	95264426	95267655	+	0.028949
Fggy	MmuINT0064350	chr4	95267808	95290171	+	0.027334
Fggy	MmuINT0064351	chr4	95290261	95363650	+	0.031308
Fggy	MmuINT0064352	chr4	95363767	95405479	+	0.023068
Fggy	MmuINT0064353	chr4	95405609	95436116	+	0.036938
Fggy	MmuINT0064354	chr4	95436221	95467247	+	0.055191
Fggy	MmuINT0064355	chr4	95467356	95478798	+	0.053607
Fgl1	MmuINT0064360	chr8	42285959	42295050	-	0.060591
Fgl2	MmuINT0064365	chr5	20879127	20881071	+	0.008358
Fh1	MmuINT0064378	chr1	1.78E+08	1.78E+08	-	0.000539
Fh1	MmuINT0064379	chr1	1.78E+08	1.78E+08	-	0.000356
Fh1	MmuINT0064380	chr1	1.78E+08	1.78E+08	-	0.00035
Fh1	MmuINT0064381	chr1	1.78E+08	1.78E+08	-	0.001711
Fh1	MmuINT0064382	chr1	1.78E+08	1.78E+08	-	0.000322
Fh1	MmuINT0064383	chr1	1.78E+08	1.78E+08	-	0.001097
Fh1	MmuINT0064384	chr1	1.78E+08	1.78E+08	-	0.002496
Fh1	MmuINT0064385	chr1	1.78E+08	1.78E+08	-	0.001966
Fh1	MmuINT0064386	chr1	1.78E+08	1.78E+08	-	0.001233
Fhit	MmuINT0064429	chr14	11958110	11994447	-	0.070424
Fhit	MmuINT0064431	chr14	11254128	11562238	-	0.098369
Fhit	MmuINT0064432	chr14	10702690	11254008	-	0.062332

Fhit	MmuINT0064433	chr14	10694561	10702543	-	0.045617
Fhit	MmuINT0064434	chr14	10596323	10694530	-	0.046455
Fhit	MmuINT0064435	chr14	10406026	10596253	-	0.057519
Fhit	MmuINT0064436	chr14	10382913	10405926	-	0.056886
Fhl1	MmuINT0064441	chrX	53985046	54007511	+	0.009765
Fhl1	MmuINT0064442	chrX	54007569	54041165	+	0.004211
Fhl1	MmuINT0064443	chrX	54041348	54042320	+	0.030877
Fhl1	MmuINT0064444	chrX	54042496	54043053	+	0.034328
Fhl1	MmuINT0064445	chrX	54043224	54043640	+	0.006233
Fhl1	MmuINT0064446	chrX	54043828	54045020	+	0.07166
Fhl2	MmuINT0064447	chr1	43210100	43220546	-	0.085657
Fhl2	MmuINT0064448	chr1	43198718	43209920	-	0.000823
Fhl2	MmuINT0064449	chr1	43188667	43198542	-	0.002748
Fhl2	MmuINT0064450	chr1	43185276	43188496	-	0.050655
Fhl2	MmuINT0064451	chr1	43180511	43185088	-	0.003917
Fhl3	MmuINT0064452	chr4	1.24E+08	1.24E+08	+	0.039999
Fhl3	MmuINT0064453	chr4	1.24E+08	1.24E+08	+	0.031489
Fhl3	MmuINT0064454	chr4	1.24E+08	1.24E+08	+	0.030214
Fhod1	MmuINT0064463	chr8	1.08E+08	1.08E+08	-	0.051816
Fhod1	MmuINT0064464	chr8	1.08E+08	1.08E+08	-	0.057289
Fhod1	MmuINT0064465	chr8	1.08E+08	1.08E+08	-	0.288382
Fhod1	MmuINT0064466	chr8	1.08E+08	1.08E+08	-	0.193372
Fhod1	MmuINT0064467	chr8	1.08E+08	1.08E+08	-	0.17255
Fhod1	MmuINT0064468	chr8	1.08E+08	1.08E+08	-	0.595298
Fhod1	MmuINT0064469	chr8	1.08E+08	1.08E+08	-	0.107013
Fhod1	MmuINT0064470	chr8	1.08E+08	1.08E+08	-	0.142959
Fhod1	MmuINT0064471	chr8	1.08E+08	1.08E+08	-	0.184467
Fhod1	MmuINT0064472	chr8	1.08E+08	1.08E+08	-	0.152
Fhod1	MmuINT0064473	chr8	1.08E+08	1.08E+08	-	0.277944
Fhod1	MmuINT0064475	chr8	1.08E+08	1.08E+08	-	0.188327
Fhod1	MmuINT0064476	chr8	1.08E+08	1.08E+08	-	0.091795
Fhod1	MmuINT0064477	chr8	1.08E+08	1.08E+08	-	0.086183
Fhod1	MmuINT0064478	chr8	1.08E+08	1.08E+08	-	0.187405
Fhod1	MmuINT0064479	chr8	1.08E+08	1.08E+08	-	0.037591
Fhod1	MmuINT0064480	chr8	1.08E+08	1.08E+08	-	0.109939
Fhod1	MmuINT0064481	chr8	1.08E+08	1.08E+08	-	0.125664
Fhod1	MmuINT0064482	chr8	1.08E+08	1.08E+08	-	0.031596
Fhod1	MmuINT0064483	chr8	1.08E+08	1.08E+08	-	0.073937
Fhod3	MmuINT0064484	chr18	24868275	24912719	+	0.002481
Fhod3	MmuINT0064485	chr18	25160534	25179162	+	0.003829
Fhod3	MmuINT0064486	chr18	25179259	25181122	+	0.001407
Fhod3	MmuINT0064487	chr18	25181480	25186565	+	0.001345
Fhod3	MmuINT0064488	chr18	25186671	25214760	+	0.001005
Fhod3	MmuINT0064489	chr18	25214896	25218826	+	0.001465
Fhod3	MmuINT0064490	chr18	25218878	25224717	+	0.002024
Fhod3	MmuINT0064491	chr18	25224927	25243834	+	0.003188
Fhod3	MmuINT0064492	chr18	25244114	25248530	+	0.001456
Fhod3	MmuINT0064493	chr18	25249409	25260026	+	0.001002
Fhod3	MmuINT0064494	chr18	25260186	25268555	+	0.0014
Fhod3	MmuINT0064495	chr18	24912827	24928983	+	0.00224



Fhod3	MmuINT0064496	chr18	25268739	25271046	+	0.001526
Fhod3	MmuINT0064497	chr18	25271167	25272010	+	0.00175
Fhod3	MmuINT0064498	chr18	25272173	25274199	+	0.000797
Fhod3	MmuINT0064499	chr18	25274391	25278619	+	0.001329
Fhod3	MmuINT0064500	chr18	25278813	25284243	+	0.426711
Fhod3	MmuINT0064501	chr18	25284419	25289033	+	0.00255
Fhod3	MmuINT0064502	chr18	25289196	25291411	+	0.003784
Fhod3	MmuINT0064503	chr18	24929049	25056137	+	0.002699
Fhod3	MmuINT0064504	chr18	25056206	25062393	+	0.001553
Fhod3	MmuINT0064505	chr18	25062500	25127660	+	0.001571
Fhod3	MmuINT0064506	chr18	25127756	25143714	+	0.002226
Fhod3	MmuINT0064507	chr18	25143827	25148473	+	0.001691
Fhod3	MmuINT0064508	chr18	25148569	25152916	+	0.00238
Fhod3	MmuINT0064509	chr18	25153061	25160291	+	0.001502
Fibp	MmuINT0064516	chr19	5460779	5460960	+	0.011037
Fibp	MmuINT0064517	chr19	5461160	5461389	+	0.028477
Fibp	MmuINT0064518	chr19	5461517	5462531	+	0.03646
Fibp	MmuINT0064519	chr19	5462633	5463170	+	0.009059
Fibp	MmuINT0064520	chr19	5463305	5463603	+	0.126423
Fibp	MmuINT0064521	chr19	5463713	5463786	+	0.041132
Fibp	MmuINT0064522	chr19	5463851	5464128	+	0.200961
Fibp	MmuINT0064523	chr19	5464216	5464333	+	0.062478
Fibp	MmuINT0064524	chr19	5464432	5464924	+	0.080037
Ficd	MmuINT0064525	chr5	1.14E+08	1.14E+08	+	0.03247
Ficd	MmuINT0064526	chr5	1.14E+08	1.14E+08	+	0.023828
Fig4	MmuINT0064527	chr10	41005506	41022792	-	0.006783
Fig4	MmuINT0064528	chr10	40977955	40982874	-	0.004761
Fig4	MmuINT0064529	chr10	40976344	40977820	-	0.004283
Fig4	MmuINT0064530	chr10	40974696	40976226	-	0.00613
Fig4	MmuINT0064531	chr10	40973595	40974649	-	0.008561
Fig4	MmuINT0064532	chr10	40971690	40973445	-	0.003484
Fig4	MmuINT0064533	chr10	40960450	40971522	-	0.003583
Fig4	MmuINT0064534	chr10	40953417	40960310	-	0.006923
Fig4	MmuINT0064535	chr10	40952061	40953357	-	0.010752
Fig4	MmuINT0064536	chr10	40949897	40951912	-	0.010705
Fig4	MmuINT0064537	chr10	40948109	40949812	-	0.006966
Fig4	MmuINT0064538	chr10	41005220	41005406	-	0.007401
Fig4	MmuINT0064539	chr10	40946811	40947912	-	0.004575
Fig4	MmuINT0064540	chr10	40940792	40946727	-	0.005362
Fig4	MmuINT0064541	chr10	40908506	40940704	-	0.003254
Fig4	MmuINT0064542	chr10	40997321	41005095	-	0.003969
Fig4	MmuINT0064543	chr10	40992815	40997163	-	0.009739
Fig4	MmuINT0064544	chr10	40990254	40992763	-	0.008402
Fig4	MmuINT0064545	chr10	40987622	40990104	-	0.006191
Fig4	MmuINT0064546	chr10	40985293	40987492	-	0.007961
Fig4	MmuINT0064547	chr10	40983854	40985191	-	0.006087
Fig4	MmuINT0064548	chr10	40982973	40983690	-	0.003714
Figf	MmuINT0064554	chrX	1.61E+08	1.61E+08	+	0.554941
Filip1	MmuINT0064561	chr9	79746284	79825262	-	0.006918
Filip1	MmuINT0064562	chr9	79708061	79746001	-	0.00629

Filip1	MmuINT0064563	chr9	79701608	79707886	-	0.004959
Filip1	MmuINT0064565	chr9	79663705	79665704	-	0.004443
Fip1l1	MmuINT0064574	chr5	74931787	74932825	+	0.077343
Fip1l1	MmuINT0064575	chr5	74967218	74968453	+	0.012025
Fip1l1	MmuINT0064576	chr5	74968611	74981070	+	0.017049
Fip1l1	MmuINT0064577	chr5	74981098	74983027	+	0.067186
Fip1l1	MmuINT0064578	chr5	74983083	74984169	+	0.014732
Fip1l1	MmuINT0064579	chr5	74984226	74987798	+	0.008381
Fip1l1	MmuINT0064580	chr5	74988019	74991098	+	0.023108
Fip1l1	MmuINT0064581	chr5	74991237	74991863	+	0.013318
Fip1l1	MmuINT0064582	chr5	74932871	74932966	+	0.022625
Fip1l1	MmuINT0064583	chr5	74933007	74936956	+	0.021103
Fip1l1	MmuINT0064584	chr5	74937015	74938033	+	0.012055
Fip1l1	MmuINT0064585	chr5	74938138	74941436	+	0.009215
Fip1l1	MmuINT0064586	chr5	74941502	74942077	+	0.010444
Fip1l1	MmuINT0064587	chr5	74942186	74942719	+	0.00745
Fip1l1	MmuINT0064588	chr5	74942851	74953064	+	0.009977
Fip1l1	MmuINT0064589	chr5	74953175	74967123	+	0.023831
Fis1	MmuINT0064590	chr5	1.37E+08	1.37E+08	+	0.180354
Fis1	MmuINT0064591	chr5	1.37E+08	1.37E+08	+	0.00567
Fis1	MmuINT0064592	chr5	1.37E+08	1.37E+08	+	0.001675
Fis1	MmuINT0064593	chr5	1.37E+08	1.37E+08	+	0.001752
Fitm1	MmuINT0064595	chr14	56194785	56195151	+	0.006503
Fitm2	MmuINT0064596	chr2	1.63E+08	1.63E+08	-	0.066988
Fiz1	MmuINT0064598	chr7	4960808	4964279	-	0.055578
Fkbp10	MmuINT0064601	chr11	1E+08	1E+08	+	0.013673
Fkbp10	MmuINT0064602	chr11	1E+08	1E+08	+	0.025642
Fkbp10	MmuINT0064603	chr11	1E+08	1E+08	+	0.009596
Fkbp10	MmuINT0064604	chr11	1E+08	1E+08	+	0.057415
Fkbp10	MmuINT0064605	chr11	1E+08	1E+08	+	0.028116
Fkbp10	MmuINT0064606	chr11	1E+08	1E+08	+	0.013363
Fkbp10	MmuINT0064607	chr11	1E+08	1E+08	+	0.018259
Fkbp11	MmuINT0064608	chr15	98558180	98558387	-	0.042196
Fkbp11	MmuINT0064609	chr15	98557730	98558113	-	0.049092
Fkbp11	MmuINT0064610	chr15	98557365	98557641	-	0.088793
Fkbp11	MmuINT0064611	chr15	98556986	98557330	-	0.039617
Fkbp11	MmuINT0064612	chr15	98555034	98556914	-	0.05883
Fkbp14	MmuINT0064613	chr6	54539419	54542840	-	0.025407
Fkbp14	MmuINT0064614	chr6	54535925	54539266	-	0.040102
Fkbp14	MmuINT0064615	chr6	54529681	54535796	-	0.040194
Fkbp15	MmuINT0064616	chr4	62013580	62021403	-	0.092604
Fkbp15	MmuINT0064617	chr4	61994775	61995154	-	0.020557
Fkbp15	MmuINT0064618	chr4	61993333	61994716	-	0.039276
Fkbp15	MmuINT0064619	chr4	61990485	61993224	-	0.026092
Fkbp15	MmuINT0064620	chr4	61988954	61990381	-	0.0569
Fkbp15	MmuINT0064621	chr4	61987208	61988846	-	0.016823
Fkbp15	MmuINT0064622	chr4	61985256	61987092	-	0.015341
Fkbp15	MmuINT0064623	chr4	61984339	61985145	-	0.015716
Fkbp15	MmuINT0064624	chr4	61983312	61984230	-	0.014942
Fkbp15	MmuINT0064625	chr4	61982096	61983216	-	0.014365

Fkbp15	MmuINT0064626	chr4	61975460	61981992	-	0.137617
Fkbp15	MmuINT0064627	chr4	62007176	62013466	-	0.019462
Fkbp15	MmuINT0064628	chr4	61973429	61975287	-	0.016652
Fkbp15	MmuINT0064629	chr4	61969128	61973291	-	0.038152
Fkbp15	MmuINT0064630	chr4	61968082	61968971	-	0.033432
Fkbp15	MmuINT0064631	chr4	61967064	61967928	-	0.037653
Fkbp15	MmuINT0064632	chr4	61966265	61966943	-	0.033508
Fkbp15	MmuINT0064633	chr4	61965941	61966156	-	0.03496
Fkbp15	MmuINT0064634	chr4	61964292	61965224	-	0.03632
Fkbp15	MmuINT0064635	chr4	61962025	61964194	-	0.148127
Fkbp15	MmuINT0064636	chr4	62006612	62007090	-	0.022092
Fkbp15	MmuINT0064637	chr4	62001731	62006541	-	0.067339
Fkbp15	MmuINT0064638	chr4	62001367	62001655	-	0.036338
Fkbp15	MmuINT0064639	chr4	61999670	62001267	-	0.035619
Fkbp15	MmuINT0064640	chr4	61998160	61999519	-	0.025791
Fkbp15	MmuINT0064641	chr4	61997582	61998090	-	0.02239
Fkbp15	MmuINT0064642	chr4	61995295	61997434	-	0.019583
Fkbp1a	MmuINT0064643	chr2	1.51E+08	1.51E+08	+	0.005525
Fkbp1a	MmuINT0064644	chr2	1.51E+08	1.51E+08	+	0.006724
Fkbp1a	MmuINT0064645	chr2	1.51E+08	1.51E+08	+	0.00037
Fkbp2	MmuINT0064650	chr19	7053668	7054883	-	0.634949
Fkbp2	MmuINT0064651	chr19	7052927	7053047	-	0.027689
Fkbp2	MmuINT0064652	chr19	7052537	7052879	-	0.028233
Fkbp2	MmuINT0064653	chr19	7052425	7052500	-	0.03548
Fkbp3	MmuINT0064654	chr12	66171040	66174801	-	0.01044
Fkbp3	MmuINT0064655	chr12	66170097	66170937	-	0.000549
Fkbp3	MmuINT0064656	chr12	66167765	66169988	-	0.006368
Fkbp3	MmuINT0064657	chr12	66166792	66167628	-	0.005246
Fkbp3	MmuINT0064658	chr12	66164763	66166723	-	0.00444
Fkbp4	MmuINT0064659	chr6	1.28E+08	1.28E+08	-	0.000946
Fkbp4	MmuINT0064660	chr6	1.28E+08	1.28E+08	-	0.000422
Fkbp4	MmuINT0064661	chr6	1.28E+08	1.28E+08	-	0.000422
Fkbp4	MmuINT0064663	chr6	1.28E+08	1.28E+08	-	0.002773
Fkbp4	MmuINT0064664	chr6	1.28E+08	1.28E+08	-	0.001287
Fkbp4	MmuINT0064665	chr6	1.28E+08	1.28E+08	-	0.006328
Fkbp4	MmuINT0064666	chr6	1.28E+08	1.28E+08	-	0.001103
Fkbp4	MmuINT0064667	chr6	1.28E+08	1.28E+08	-	0.00082
Fkbp5	MmuINT0064669	chr17	28538097	28539553	-	0.020254
Fkbp5	MmuINT0064670	chr17	28575082	28577872	-	0.015479
Fkbp5	MmuINT0064671	chr17	28566309	28574936	-	0.026804
Fkbp5	MmuINT0064672	chr17	28565412	28566165	-	0.018601
Fkbp5	MmuINT0064673	chr17	28552971	28565296	-	0.008992
Fkbp5	MmuINT0064674	chr17	28549070	28552813	-	0.119552
Fkbp5	MmuINT0064675	chr17	28547539	28548978	-	0.01152
Fkbp5	MmuINT0064676	chr17	28543216	28547454	-	0.078832
Fkbp5	MmuINT0064677	chr17	28539794	28543029	-	0.024197
Fkbp7	MmuINT0064686	chr2	76509906	76510862	-	0.010289
Fkbp7	MmuINT0064687	chr2	76503868	76509753	-	0.011353
Fkbp7	MmuINT0064688	chr2	76501410	76503733	-	0.016125
Fkbp8	MmuINT0064690	chr8	73051736	73053289	+	0.022774

Fkbp8	MmuINT0064691	chr8	73053575	73054838	+	0.003204
Fkbp8	MmuINT0064692	chr8	73055009	73055083	+	0.037758
Fkbp8	MmuINT0064693	chr8	73055642	73056475	+	0.070598
Fkbp8	MmuINT0064694	chr8	73056649	73058015	+	0.002842
Fkbp8	MmuINT0064695	chr8	73058094	73058381	+	0.004076
Fkbp8	MmuINT0064696	chr8	73058514	73058765	+	0.050464
Fkbp9	MmuINT0064697	chr6	56782422	56799631	+	0.002301
Fkbp9	MmuINT0064698	chr6	56799778	56800556	+	0.002144
Fkbp9	MmuINT0064699	chr6	56800747	56801355	+	0.001781
Fkbp9	MmuINT0064700	chr6	56801502	56806226	+	0.002228
Fkbp9	MmuINT0064701	chr6	56806417	56810649	+	0.001278
Fkbp9	MmuINT0064702	chr6	56810796	56818713	+	0.002638
Fkbp9	MmuINT0064703	chr6	56818901	56823360	+	0.012788
Fkbp9	MmuINT0064704	chr6	56823507	56825662	+	0.002385
Fkbp9	MmuINT0064705	chr6	56825827	56828027	+	0.00478
Fkbp1	MmuINT0064706	chr17	34781899	34782189	+	0.073777
Fkrp	MmuINT0064708	chr7	17397326	17400412	-	0.034428
Fktn	MmuINT0064709	chr4	53727068	53732878	+	0.017791
Fktn	MmuINT0064710	chr4	53733082	53742851	+	0.01651
Fktn	MmuINT0064711	chr4	53742912	53744003	+	0.022112
Fktn	MmuINT0064712	chr4	53744208	53747721	+	0.013292
Fktn	MmuINT0064713	chr4	53748000	53750398	+	0.012292
Fktn	MmuINT0064714	chr4	53750532	53757490	+	0.019494
Fktn	MmuINT0064715	chr4	53757621	53759880	+	0.014228
Fktn	MmuINT0064716	chr4	53760015	53761240	+	0.012858
Fktn	MmuINT0064717	chr4	53761369	53774045	+	0.056911
Flad1	MmuINT0064718	chr3	89215303	89215705	-	0.069504
Flad1	MmuINT0064719	chr3	89213089	89215079	-	0.006229
Flad1	MmuINT0064720	chr3	89211479	89212343	-	0.013279
Flad1	MmuINT0064721	chr3	89209876	89211330	-	0.028705
Flad1	MmuINT0064722	chr3	89209693	89209776	-	0.013709
Flad1	MmuINT0064723	chr3	89207392	89209502	-	0.017066
Flad1	MmuINT0064724	chr3	89207224	89207317	-	0.005076
Flcn	MmuINT0064725	chr11	59621418	59623161	-	0.027157
Flcn	MmuINT0064726	chr11	59607907	59608642	-	0.036541
Flcn	MmuINT0064727	chr11	59607694	59607774	-	0.008901
Flcn	MmuINT0064728	chr11	59606314	59607587	-	0.012846
Flcn	MmuINT0064729	chr11	59618294	59621301	-	0.026896
Flcn	MmuINT0064730	chr11	59617398	59618022	-	0.004343
Flcn	MmuINT0064731	chr11	59615853	59617250	-	0.007178
Flcn	MmuINT0064732	chr11	59614706	59615630	-	0.040308
Flcn	MmuINT0064733	chr11	59612948	59614544	-	0.054787
Flcn	MmuINT0064734	chr11	59611748	59612855	-	0.014166
Flcn	MmuINT0064735	chr11	59609366	59611556	-	0.03087
Flcn	MmuINT0064736	chr11	59608767	59609251	-	0.197619
Fli1	MmuINT0064742	chr9	32284359	32348775	-	0.016768
Fli1	MmuINT0064743	chr9	32273425	32284146	-	0.020754
Fli1	MmuINT0064744	chr9	32269040	32273269	-	0.020986
Fli1	MmuINT0064745	chr9	32259784	32268835	-	0.029935
Fli1	MmuINT0064746	chr9	32237559	32259717	-	0.040028

Fli1	MmuINT0064747	chr9	32235651	32237492	-	0.05798
Fli1	MmuINT0064748	chr9	32233685	32235590	-	0.045225
Fli1	MmuINT0064749	chr9	32231891	32233636	-	0.043241
Flii	MmuINT0064750	chr11	60538771	60540628	-	0.00415
Flii	MmuINT0064751	chr11	60534288	60534579	-	0.003804
Flii	MmuINT0064752	chr11	60534000	60534139	-	0.006008
Flii	MmuINT0064753	chr11	60533721	60533862	-	0.002973
Flii	MmuINT0064754	chr11	60533375	60533507	-	0.006523
Flii	MmuINT0064755	chr11	60532610	60533194	-	0.075403
Flii	MmuINT0064756	chr11	60532423	60532526	-	0.004228
Flii	MmuINT0064757	chr11	60532168	60532347	-	0.006012
Flii	MmuINT0064758	chr11	60531794	60532083	-	0.029154
Flii	MmuINT0064759	chr11	60531016	60531621	-	0.014291
Flii	MmuINT0064760	chr11	60530831	60530910	-	0.003994
Flii	MmuINT0064761	chr11	60538365	60538659	-	0.00303
Flii	MmuINT0064762	chr11	60530346	60530638	-	0.002987
Flii	MmuINT0064763	chr11	60530047	60530156	-	0.00181
Flii	MmuINT0064764	chr11	60529835	60529906	-	0.049416
Flii	MmuINT0064765	chr11	60529460	60529593	-	0.00194
Flii	MmuINT0064766	chr11	60529229	60529304	-	0.006988
Flii	MmuINT0064767	chr11	60529092	60529167	-	0.030017
Flii	MmuINT0064768	chr11	60528893	60528962	-	0.017413
Flii	MmuINT0064769	chr11	60528639	60528785	-	0.005631
Flii	MmuINT0064770	chr11	60528157	60528532	-	0.0173
Flii	MmuINT0064771	chr11	60527950	60528090	-	0.003199
Flii	MmuINT0064772	chr11	60536948	60538292	-	0.011106
Flii	MmuINT0064773	chr11	60536588	60536866	-	0.009649
Flii	MmuINT0064774	chr11	60536249	60536501	-	0.008145
Flii	MmuINT0064775	chr11	60535901	60536086	-	0.003312
Flii	MmuINT0064776	chr11	60535360	60535796	-	0.012936
Flii	MmuINT0064777	chr11	60535107	60535183	-	0.004311
Flii	MmuINT0064778	chr11	60534665	60534948	-	0.034604
Flna	MmuINT0064779	chrX	71488505	71491402	-	0.006208
Flna	MmuINT0064780	chrX	71485422	71485543	-	0.098209
Flna	MmuINT0064781	chrX	71485185	71485284	-	0.092993
Flna	MmuINT0064782	chrX	71484787	71484990	-	0.014112
Flna	MmuINT0064783	chrX	71484582	71484672	-	0.008982
Flna	MmuINT0064784	chrX	71483567	71484437	-	0.010394
Flna	MmuINT0064785	chrX	71483356	71483442	-	0.014503
Flna	MmuINT0064786	chrX	71483112	71483194	-	0.021466
Flna	MmuINT0064787	chrX	71482930	71483020	-	0.007455
Flna	MmuINT0064788	chrX	71482579	71482759	-	0.008107
Flna	MmuINT0064789	chrX	71482345	71482460	-	0.008768
Flna	MmuINT0064790	chrX	71488165	71488255	-	0.01615
Flna	MmuINT0064791	chrX	71481557	71482081	-	0.01457
Flna	MmuINT0064792	chrX	71480869	71480958	-	0.055131
Flna	MmuINT0064793	chrX	71480612	71480694	-	0.008042
Flna	MmuINT0064794	chrX	71480365	71480448	-	0.01179
Flna	MmuINT0064795	chrX	71480114	71480203	-	0.008089
Flna	MmuINT0064796	chrX	71479626	71479942	-	0.007856

Flna	MmuINT0064797	chrX	71479418	71479501	-	0.007496
Flna	MmuINT0064798	chrX	71478678	71479260	-	0.005585
Flna	MmuINT0064799	chrX	71476093	71478487	-	0.099348
Flna	MmuINT0064800	chrX	71475736	71475844	-	0.025607
Flna	MmuINT0064801	chrX	71487979	71488066	-	0.00872
Flna	MmuINT0064802	chrX	71475498	71475639	-	0.026275
Flna	MmuINT0064803	chrX	71475306	71475394	-	0.011474
Flna	MmuINT0064804	chrX	71474849	71475164	-	0.009114
Flna	MmuINT0064805	chrX	71474532	71474719	-	0.027366
Flna	MmuINT0064806	chrX	71474261	71474357	-	0.019505
Flna	MmuINT0064807	chrX	71473864	71474098	-	0.025361
Flna	MmuINT0064808	chrX	71473578	71473659	-	0.012089
Flna	MmuINT0064809	chrX	71473314	71473424	-	0.007422
Flna	MmuINT0064810	chrX	71473097	71473190	-	0.005134
Flna	MmuINT0064811	chrX	71472675	71472829	-	0.252829
Flna	MmuINT0064812	chrX	71487259	71487830	-	0.008473
Flna	MmuINT0064813	chrX	71472316	71472536	-	0.033158
Flna	MmuINT0064814	chrX	71471674	71472199	-	0.463723
Flna	MmuINT0064815	chrX	71470914	71471540	-	0.016672
Flna	MmuINT0064816	chrX	71470598	71470736	-	0.046397
Flna	MmuINT0064817	chrX	71470295	71470378	-	0.005648
Flna	MmuINT0064818	chrX	71469317	71470090	-	0.072277
Flna	MmuINT0064819	chrX	71487060	71487139	-	0.027955
Flna	MmuINT0064820	chrX	71486889	71486981	-	0.055418
Flna	MmuINT0064821	chrX	71486643	71486725	-	0.023801
Flna	MmuINT0064822	chrX	71485890	71486441	-	0.027204
Flna	MmuINT0064823	chrX	71485668	71485751	-	0.028673
Flnb	MmuINT0064827	chr14	8724788	8725386	+	0.019667
Flnb	MmuINT0064829	chr14	8726402	8726647	+	0.031233
Flnb	MmuINT0064830	chr14	8726772	8727040	+	0.032912
Flnb	MmuINT0064831	chr14	8727202	8728603	+	0.020767
Flnb	MmuINT0064832	chr14	8728695	8728899	+	0.035695
Flnb	MmuINT0064833	chr14	8729070	8734397	+	0.027656
Flnb	MmuINT0064834	chr14	8734516	8736975	+	0.024319
Flnb	MmuINT0064836	chr14	8737239	8737891	+	0.020352
Flnb	MmuINT0064837	chr14	8738490	8739666	+	0.018942
Flnb	MmuINT0064838	chr14	8739841	8741035	+	0.029291
Flnb	MmuINT0064839	chr14	8741199	8742122	+	0.020033
Flnb	MmuINT0064840	chr14	8742284	8745468	+	0.025148
Flnb	MmuINT0064841	chr14	8745637	8747774	+	0.021645
Flnb	MmuINT0064842	chr14	8747899	8748460	+	0.020935
Flnb	MmuINT0064843	chr14	8748618	8749707	+	0.019613
Flnb	MmuINT0064844	chr14	8749898	8751623	+	0.012207
Flnb	MmuINT0064845	chr14	8751872	8755188	+	0.041383
Flnb	MmuINT0064847	chr14	8755228	8755968	+	0.167144
Flnb	MmuINT0064848	chr14	8756072	8756686	+	0.026258
Flnb	MmuINT0064849	chr14	8756828	8758896	+	0.023707
Flnb	MmuINT0064850	chr14	8759026	8759859	+	0.015759
Flnb	MmuINT0064851	chr14	8760034	8761514	+	0.015905
Flnb	MmuINT0064852	chr14	8761674	8762272	+	0.015751

Flnb	MmuINT0064853	chr14	8762477	8763276	+	0.011357
Flnb	MmuINT0064854	chr14	8763430	8763537	+	0.021393
Flnb	MmuINT0064855	chr14	8763661	8766227	+	0.045871
Flnb	MmuINT0064856	chr14	8766495	8767077	+	0.065268
Flnb	MmuINT0064858	chr14	8767216	8768447	+	0.057371
Flnb	MmuINT0064859	chr14	8768564	8771560	+	0.284526
Flnb	MmuINT0064860	chr14	8771694	8774558	+	0.018463
Flnb	MmuINT0064861	chr14	8774736	8778308	+	0.073537
Flnb	MmuINT0064862	chr14	8778528	8780957	+	0.022045
Flnb	MmuINT0064863	chr14	8781162	8782818	+	0.014575
Flnb	MmuINT0064866	chr14	8716437	8717063	+	0.024783
Flnb	MmuINT0064867	chr14	8717262	8720050	+	0.029308
Flnc	MmuINT0064869	chr6	29383814	29388463	+	0.037522
Flnc	MmuINT0064870	chr6	29393501	29393659	+	0.004186
Flnc	MmuINT0064871	chr6	29393797	29394004	+	0.003365
Flnc	MmuINT0064872	chr6	29394199	29394296	+	0.003704
Flnc	MmuINT0064873	chr6	29394411	29395007	+	0.003414
Flnc	MmuINT0064874	chr6	29395152	29395375	+	0.003077
Flnc	MmuINT0064875	chr6	29395500	29395640	+	0.004031
Flnc	MmuINT0064876	chr6	29395802	29396050	+	0.005438
Flnc	MmuINT0064877	chr6	29396142	29396229	+	0.003855
Flnc	MmuINT0064878	chr6	29396400	29396606	+	0.007183
Flnc	MmuINT0064879	chr6	29396725	29396807	+	0.002753
Flnc	MmuINT0064880	chr6	29388713	29390171	+	0.002497
Flnc	MmuINT0064881	chr6	29397071	29397394	+	0.002806
Flnc	MmuINT0064882	chr6	29397993	29398557	+	0.011635
Flnc	MmuINT0064883	chr6	29398732	29398833	+	0.003511
Flnc	MmuINT0064884	chr6	29398997	29399235	+	0.003913
Flnc	MmuINT0064885	chr6	29399397	29400565	+	0.006913
Flnc	MmuINT0064886	chr6	29400734	29400813	+	0.005184
Flnc	MmuINT0064887	chr6	29400938	29401371	+	0.00456
Flnc	MmuINT0064888	chr6	29401529	29401603	+	0.002211
Flnc	MmuINT0064889	chr6	29401794	29401996	+	0.007114
Flnc	MmuINT0064890	chr6	29402021	29402132	+	0.004271
Flnc	MmuINT0064891	chr6	29390270	29390396	+	0.004297
Flnc	MmuINT0064892	chr6	29402381	29402798	+	0.713095
Flnc	MmuINT0064893	chr6	29402898	29403198	+	0.864052
Flnc	MmuINT0064894	chr6	29403299	29403619	+	0.0062
Flnc	MmuINT0064895	chr6	29403761	29404042	+	0.003428
Flnc	MmuINT0064896	chr6	29404172	29404261	+	0.003215
Flnc	MmuINT0064897	chr6	29404436	29405119	+	0.007634
Flnc	MmuINT0064898	chr6	29405282	29405360	+	0.004638
Flnc	MmuINT0064899	chr6	29405565	29405783	+	0.00296
Flnc	MmuINT0064900	chr6	29405937	29406024	+	0.004566
Flnc	MmuINT0064901	chr6	29406148	29406291	+	0.001958
Flnc	MmuINT0064902	chr6	29390548	29390637	+	0.003129
Flnc	MmuINT0064903	chr6	29406535	29406736	+	0.001761
Flnc	MmuINT0064904	chr6	29407007	29407100	+	0.005187
Flnc	MmuINT0064905	chr6	29407239	29407442	+	0.003772
Flnc	MmuINT0064906	chr6	29407559	29408776	+	0.010695

Flnc	MmuINT0064907	chr6	29408910	29409008	+	0.002951
Flnc	MmuINT0064908	chr6	29409186	29409367	+	0.007848
Flnc	MmuINT0064909	chr6	29409587	29410694	+	0.020747
Flnc	MmuINT0064910	chr6	29410905	29411021	+	0.007604
Flnc	MmuINT0064911	chr6	29390757	29390876	+	0.004254
Flnc	MmuINT0064912	chr6	29390955	29391098	+	0.004843
Flnc	MmuINT0064913	chr6	29391262	29391433	+	0.003197
Flnc	MmuINT0064914	chr6	29391635	29392881	+	0.002413
Flnc	MmuINT0064915	chr6	29393020	29393373	+	0.003493
Flot1	MmuINT0064916	chr17	35960447	35960751	+	0.010794
Flot1	MmuINT0064917	chr17	35967110	35967598	+	0.02627
Flot1	MmuINT0064918	chr17	35967737	35967887	+	0.000916
Flot1	MmuINT0064919	chr17	35968053	35969451	+	0.005253
Flot1	MmuINT0064920	chr17	35960809	35961071	+	0.004671
Flot1	MmuINT0064921	chr17	35961148	35961223	+	0.005792
Flot1	MmuINT0064922	chr17	35961315	35961510	+	0.004392
Flot1	MmuINT0064923	chr17	35961655	35961777	+	0.001473
Flot1	MmuINT0064924	chr17	35961898	35962375	+	0.005029
Flot1	MmuINT0064925	chr17	35962472	35962682	+	0.000939
Flot1	MmuINT0064926	chr17	35962836	35966787	+	0.001858
Flot1	MmuINT0064927	chr17	35966970	35967063	+	0.017471
Flot2	MmuINT0064929	chr11	77851615	77862979	+	0.007629
Flot2	MmuINT0064930	chr11	77872193	77872446	+	0.007425
Flot2	MmuINT0064931	chr11	77872597	77872696	+	0.012382
Flot2	MmuINT0064932	chr11	77863062	77866864	+	0.098075
Flot2	MmuINT0064933	chr11	77866956	77868286	+	0.697806
Flot2	MmuINT0064934	chr11	77868378	77869258	+	0.032267
Flot2	MmuINT0064935	chr11	77869383	77870763	+	0.004049
Flot2	MmuINT0064936	chr11	77870883	77870989	+	0.004443
Flot2	MmuINT0064937	chr11	77871104	77871203	+	0.002205
Flot2	MmuINT0064938	chr11	77871324	77871401	+	0.004311
Flot2	MmuINT0064939	chr11	77871617	77872008	+	0.011589
Flt1	MmuINT0064943	chr5	1.49E+08	1.49E+08	-	0.006996
Flt1	MmuINT0064944	chr5	1.48E+08	1.48E+08	-	0.00609
Flt1	MmuINT0064945	chr5	1.48E+08	1.48E+08	-	0.01368
Flt1	MmuINT0064946	chr5	1.48E+08	1.48E+08	-	0.006092
Flt1	MmuINT0064947	chr5	1.48E+08	1.48E+08	-	0.274049
Flt1	MmuINT0064948	chr5	1.48E+08	1.48E+08	-	0.014388
Flt1	MmuINT0064949	chr5	1.48E+08	1.48E+08	-	0.014198
Flt1	MmuINT0064950	chr5	1.48E+08	1.48E+08	-	0.008958
Flt1	MmuINT0064951	chr5	1.48E+08	1.48E+08	-	0.008991
Flt1	MmuINT0064952	chr5	1.48E+08	1.48E+08	-	0.011238
Flt1	MmuINT0064953	chr5	1.48E+08	1.48E+08	-	0.010201
Flt1	MmuINT0064954	chr5	1.49E+08	1.49E+08	-	0.006249
Flt1	MmuINT0064955	chr5	1.48E+08	1.48E+08	-	0.022665
Flt1	MmuINT0064956	chr5	1.48E+08	1.48E+08	-	0.011482
Flt1	MmuINT0064957	chr5	1.48E+08	1.48E+08	-	0.008214
Flt1	MmuINT0064958	chr5	1.48E+08	1.48E+08	-	0.010399
Flt1	MmuINT0064959	chr5	1.48E+08	1.48E+08	-	0.014434
Flt1	MmuINT0064960	chr5	1.48E+08	1.48E+08	-	0.01485



Flt1	MmuINT0064961	chr5	1.48E+08	1.48E+08	-	0.007434
Flt1	MmuINT0064962	chr5	1.48E+08	1.48E+08	-	0.026564
Flt1	MmuINT0064963	chr5	1.48E+08	1.48E+08	-	0.009997
Flt1	MmuINT0064964	chr5	1.48E+08	1.48E+08	-	0.057407
Flt1	MmuINT0064965	chr5	1.48E+08	1.49E+08	-	0.007232
Flt1	MmuINT0064966	chr5	1.48E+08	1.48E+08	-	0.013641
Flt1	MmuINT0064967	chr5	1.48E+08	1.48E+08	-	0.007163
Flt1	MmuINT0064968	chr5	1.48E+08	1.48E+08	-	0.017186
Flt1	MmuINT0064969	chr5	1.48E+08	1.48E+08	-	0.009409
Flt1	MmuINT0064970	chr5	1.48E+08	1.48E+08	-	0.005302
Flt1	MmuINT0064971	chr5	1.48E+08	1.48E+08	-	0.00566
Flt3l	MmuINT0064996	chr7	52391148	52391387	-	0.28839
Flt3l	MmuINT0064997	chr7	52390546	52391033	-	0.424093
Flt3l	MmuINT0064998	chr7	52389887	52390491	-	0.354064
Flt3l	MmuINT0064999	chr7	52389397	52389742	-	0.021465
Flt3l	MmuINT0065000	chr7	52387783	52389251	-	0.716905
Flt3l	MmuINT0065001	chr7	52387508	52387597	-	0.353639
Flt4	MmuINT0065004	chr11	49444178	49445480	+	0.037982
Flt4	MmuINT0065005	chr11	49445608	49446644	+	0.060019
Flt4	MmuINT0065007	chr11	49447851	49448150	+	0.05784
Flt4	MmuINT0065008	chr11	49448298	49448394	+	0.042936
Flt4	MmuINT0065009	chr11	49448527	49448675	+	0.033066
Flt4	MmuINT0065010	chr11	49448783	49449103	+	0.034912
Flt4	MmuINT0065011	chr11	49449240	49449727	+	0.033666
Flt4	MmuINT0065012	chr11	49449833	49450160	+	0.034959
Flt4	MmuINT0065015	chr11	49450574	49450703	+	0.03431
Flt4	MmuINT0065016	chr11	49450855	49451287	+	0.032957
Flt4	MmuINT0065017	chr11	49451383	49451763	+	0.041114
Flt4	MmuINT0065018	chr11	49451887	49453683	+	0.091183
Flt4	MmuINT0065019	chr11	49453796	49455722	+	0.036325
Flt4	MmuINT0065020	chr11	49455823	49456936	+	0.035394
Flt4	MmuINT0065021	chr11	49457043	49457785	+	0.031753
Flt4	MmuINT0065022	chr11	49457935	49459392	+	0.030141
Flt4	MmuINT0065023	chr11	49459514	49461448	+	0.026175
Flt4	MmuINT0065024	chr11	49461535	49464386	+	0.056006
Flt4	MmuINT0065026	chr11	49439313	49439402	+	0.040233
Flt4	MmuINT0065028	chr11	49439898	49440170	+	0.042754
Flt4	MmuINT0065031	chr11	49443926	49444014	+	0.03872
Flywch1	MmuINT0065032	chr17	23900286	23908381	-	0.320552
Flywch1	MmuINT0065033	chr17	23899562	23899942	-	0.007996
Flywch1	MmuINT0065034	chr17	23898084	23899132	-	0.013126
Flywch1	MmuINT0065035	chr17	23897435	23897573	-	0.009447
Flywch1	MmuINT0065036	chr17	23893778	23897170	-	0.025028
Flywch1	MmuINT0065037	chr17	23892912	23893513	-	0.012913
Fmn1	MmuINT0065042	chr2	1.13E+08	1.13E+08	+	0.016675
Fmn1	MmuINT0065043	chr2	1.13E+08	1.13E+08	+	0.012335
Fmn1	MmuINT0065044	chr2	1.13E+08	1.13E+08	+	0.016464
Fmn1	MmuINT0065046	chr2	1.13E+08	1.13E+08	+	0.976492
Fmn1	MmuINT0065047	chr2	1.13E+08	1.13E+08	+	0.014947
Fmn1	MmuINT0065048	chr2	1.13E+08	1.14E+08	+	0.012559

Fmn1	MmuINT0065049	chr2	1.14E+08	1.14E+08	+	0.012524
Fmn1	MmuINT0065050	chr2	1.14E+08	1.14E+08	+	0.010177
Fmn1	MmuINT0065051	chr2	1.14E+08	1.14E+08	+	0.010685
Fmn1	MmuINT0065054	chr2	1.13E+08	1.13E+08	+	0.77631
Fmn1	MmuINT0065055	chr2	1.13E+08	1.13E+08	+	0.012517
Fmn1	MmuINT0065056	chr2	1.13E+08	1.13E+08	+	0.008463
Fmn1	MmuINT0065057	chr2	1.13E+08	1.13E+08	+	0.013146
Fmn1	MmuINT0065058	chr2	1.13E+08	1.13E+08	+	0.029114
Fmn1	MmuINT0065059	chr2	1.13E+08	1.13E+08	+	0.016177
FmnI1	MmuINT0065077	chr11	1.03E+08	1.03E+08	+	0.019546
FmnI1	MmuINT0065078	chr11	1.03E+08	1.03E+08	+	0.029234
FmnI1	MmuINT0065079	chr11	1.03E+08	1.03E+08	+	0.064902
FmnI1	MmuINT0065080	chr11	1.03E+08	1.03E+08	+	0.039769
FmnI1	MmuINT0065081	chr11	1.03E+08	1.03E+08	+	0.014395
FmnI1	MmuINT0065082	chr11	1.03E+08	1.03E+08	+	0.027878
FmnI1	MmuINT0065083	chr11	1.03E+08	1.03E+08	+	0.036811
FmnI1	MmuINT0065084	chr11	1.03E+08	1.03E+08	+	0.058577
FmnI1	MmuINT0065085	chr11	1.03E+08	1.03E+08	+	0.037043
FmnI1	MmuINT0065086	chr11	1.03E+08	1.03E+08	+	0.052404
FmnI1	MmuINT0065087	chr11	1.03E+08	1.03E+08	+	0.031581
FmnI1	MmuINT0065088	chr11	1.03E+08	1.03E+08	+	0.052828
FmnI1	MmuINT0065089	chr11	1.03E+08	1.03E+08	+	0.034338
FmnI1	MmuINT0065090	chr11	1.03E+08	1.03E+08	+	0.024374
FmnI1	MmuINT0065091	chr11	1.03E+08	1.03E+08	+	0.020716
FmnI1	MmuINT0065092	chr11	1.03E+08	1.03E+08	+	0.04237
FmnI1	MmuINT0065093	chr11	1.03E+08	1.03E+08	+	0.053799
FmnI1	MmuINT0065094	chr11	1.03E+08	1.03E+08	+	0.124187
FmnI1	MmuINT0065095	chr11	1.03E+08	1.03E+08	+	0.035427
FmnI1	MmuINT0065096	chr11	1.03E+08	1.03E+08	+	0.030717
FmnI1	MmuINT0065097	chr11	1.03E+08	1.03E+08	+	0.083341
FmnI1	MmuINT0065098	chr11	1.03E+08	1.03E+08	+	0.491083
FmnI1	MmuINT0065099	chr11	1.03E+08	1.03E+08	+	0.063083
FmnI1	MmuINT0065100	chr11	1.03E+08	1.03E+08	+	0.029465
FmnI1	MmuINT0065101	chr11	1.03E+08	1.03E+08	+	0.019421
FmnI2	MmuINT0065106	chr2	52960571	52962690	+	0.053617
FmnI2	MmuINT0065107	chr2	52962841	52964512	+	0.047241
FmnI2	MmuINT0065108	chr2	52964615	52966386	+	0.042687
FmnI2	MmuINT0065111	chr2	52973271	52973888	+	0.038877
FmnI2	MmuINT0065112	chr2	52974092	52975873	+	0.059965
FmnI2	MmuINT0065113	chr2	52976109	52977220	+	0.05593
FmnI2	MmuINT0065114	chr2	52977290	52977397	+	0.059654
FmnI2	MmuINT0065116	chr2	52977479	52978993	+	0.1213
FmnI2	MmuINT0065117	chr2	52979124	52981521	+	0.058156
FmnI2	MmuINT0065118	chr2	52981686	52982505	+	0.089943
FmnI2	MmuINT0065119	chr2	52982608	52985046	+	0.04944
FmnI2	MmuINT0065120	chr2	52985146	52985886	+	0.075898
FmnI2	MmuINT0065122	chr2	52989493	52990873	+	0.282988
FmnI3	MmuINT0065130	chr15	99168145	99200607	-	0.022446
FmnI3	MmuINT0065131	chr15	99156185	99156284	-	0.019458
FmnI3	MmuINT0065132	chr15	99155822	99156073	-	0.028639

Fmnl3	MmuINT0065133	chr15	99155274	99155671	-	0.023576
Fmnl3	MmuINT0065134	chr15	99154031	99155171	-	0.057969
Fmnl3	MmuINT0065136	chr15	99153159	99153242	-	0.018635
Fmnl3	MmuINT0065137	chr15	99152829	99153033	-	0.017055
Fmnl3	MmuINT0065138	chr15	99152297	99152625	-	0.073224
Fmnl3	MmuINT0065139	chr15	99151934	99152061	-	0.03742
Fmnl3	MmuINT0065140	chr15	99151767	99151864	-	0.0282
Fmnl3	MmuINT0065142	chr15	99151597	99151685	-	0.015907
Fmnl3	MmuINT0065143	chr15	99150945	99151466	-	0.015739
Fmnl3	MmuINT0065144	chr15	99150518	99150783	-	0.029757
Fmnl3	MmuINT0065145	chr15	99150086	99150415	-	0.027594
Fmnl3	MmuINT0065146	chr15	99149686	99149992	-	0.012614
Fmnl3	MmuINT0065147	chr15	99149449	99149561	-	0.039594
Fmnl3	MmuINT0065148	chr15	99148804	99149348	-	0.130144
Fmnl3	MmuINT0065149	chr15	99165362	99166118	-	0.023344
Fmnl3	MmuINT0065150	chr15	99162502	99165284	-	0.026493
Fmnl3	MmuINT0065151	chr15	99159864	99162417	-	0.034015
Fmnl3	MmuINT0065152	chr15	99158598	99159710	-	0.050413
Fmnl3	MmuINT0065153	chr15	99158329	99158488	-	0.027462
Fmnl3	MmuINT0065154	chr15	99158040	99158251	-	0.027307
Fmnl3	MmuINT0065155	chr15	99156360	99157945	-	0.066621
Fmo1	MmuINT0065156	chr1	1.65E+08	1.65E+08	-	0.017717
Fmo1	MmuINT0065157	chr1	1.65E+08	1.65E+08	-	0.025797
Fmo1	MmuINT0065158	chr1	1.65E+08	1.65E+08	-	0.020086
Fmo1	MmuINT0065159	chr1	1.65E+08	1.65E+08	-	0.017644
Fmo1	MmuINT0065160	chr1	1.65E+08	1.65E+08	-	0.019267
Fmo1	MmuINT0065161	chr1	1.65E+08	1.65E+08	-	0.136936
Fmo1	MmuINT0065162	chr1	1.65E+08	1.65E+08	-	0.039554
Fmo1	MmuINT0065163	chr1	1.65E+08	1.65E+08	-	0.089473
Fmo2	MmuINT0065165	chr1	1.65E+08	1.65E+08	-	0.02592
Fmo2	MmuINT0065166	chr1	1.65E+08	1.65E+08	-	0.098111
Fmo2	MmuINT0065167	chr1	1.65E+08	1.65E+08	-	0.018638
Fmo2	MmuINT0065168	chr1	1.65E+08	1.65E+08	-	0.036701
Fmo2	MmuINT0065169	chr1	1.65E+08	1.65E+08	-	0.223178
Fmo2	MmuINT0065170	chr1	1.65E+08	1.65E+08	-	0.137549
Fmo2	MmuINT0065171	chr1	1.65E+08	1.65E+08	-	0.070788
Fmo5	MmuINT0065189	chr3	97433119	97439433	+	0.08793
Fmo5	MmuINT0065190	chr3	97439623	97441403	+	0.021296
Fmo5	MmuINT0065191	chr3	97441567	97442782	+	0.025747
Fmo5	MmuINT0065192	chr3	97442926	97445590	+	0.114289
Fmo5	MmuINT0065193	chr3	97445791	97449490	+	0.07046
Fmo5	MmuINT0065194	chr3	97449844	97454557	+	0.045335
Fmo5	MmuINT0065195	chr3	97454631	97455404	+	0.091133
Fmr1	MmuINT0065214	chrX	65932043	65941456	+	0.04316
Fmr1	MmuINT0065215	chrX	65956948	65958423	+	0.03449
Fmr1	MmuINT0065216	chrX	65958556	65959035	+	0.161674
Fmr1	MmuINT0065218	chrX	65961304	65963758	+	0.059691
Fmr1	MmuINT0065219	chrX	65963955	65965405	+	0.424055
Fmr1	MmuINT0065220	chrX	65965589	65966415	+	0.072763
Fmr1	MmuINT0065221	chrX	65966499	65968739	+	0.023623

Fmr1	MmuINT0065222	chrX	65941510	65944675	+	0.082708
Fmr1	MmuINT0065223	chrX	65944770	65948188	+	0.044535
Fmr1	MmuINT0065224	chrX	65948261	65948663	+	0.071827
Fmr1	MmuINT0065225	chrX	65948813	65950842	+	0.039066
Fmr1	MmuINT0065226	chrX	65950937	65951022	+	0.041583
Fmr1	MmuINT0065227	chrX	65951140	65953234	+	0.040152
Fmr1	MmuINT0065228	chrX	65953406	65953516	+	0.037202
Fmr1	MmuINT0065229	chrX	65953596	65956837	+	0.028849
Fn1	MmuINT0065237	chr1	71698224	71699405	-	0.050072
Fn1	MmuINT0065238	chr1	71685160	71686865	-	0.043675
Fn1	MmuINT0065239	chr1	71683970	71685030	-	0.042025
Fn1	MmuINT0065240	chr1	71678737	71683825	-	0.026803
Fn1	MmuINT0065241	chr1	71676418	71678614	-	0.034683
Fn1	MmuINT0065242	chr1	71676067	71676239	-	0.027623
Fn1	MmuINT0065243	chr1	71675111	71675889	-	0.029974
Fn1	MmuINT0065244	chr1	71674721	71674981	-	0.031237
Fn1	MmuINT0065245	chr1	71673932	71674630	-	0.03379
Fn1	MmuINT0065246	chr1	71672821	71673736	-	0.024759
Fn1	MmuINT0065247	chr1	71670919	71672547	-	0.029398
Fn1	MmuINT0065248	chr1	71697274	71698094	-	0.043785
Fn1	MmuINT0065249	chr1	71667394	71670651	-	0.037396
Fn1	MmuINT0065250	chr1	71666127	71667298	-	0.028599
Fn1	MmuINT0065251	chr1	71665240	71665957	-	0.033471
Fn1	MmuINT0065252	chr1	71662126	71665152	-	0.035391
Fn1	MmuINT0065255	chr1	71657593	71659041	-	0.033655
Fn1	MmuINT0065256	chr1	71656257	71657502	-	0.028244
Fn1	MmuINT0065257	chr1	71654595	71655986	-	0.024059
Fn1	MmuINT0065258	chr1	71653442	71654477	-	0.021949
Fn1	MmuINT0065259	chr1	71695900	71697135	-	0.034706
Fn1	MmuINT0065260	chr1	71652615	71653276	-	0.022364
Fn1	MmuINT0065261	chr1	71651658	71652458	-	0.021002
Fn1	MmuINT0065262	chr1	71650504	71651543	-	0.226292
Fn1	MmuINT0065263	chr1	71649072	71650233	-	0.303385
Fn1	MmuINT0065264	chr1	71647863	71648883	-	0.020974
Fn1	MmuINT0065265	chr1	71647041	71647774	-	0.018076
Fn1	MmuINT0065266	chr1	71646267	71646863	-	0.01915
Fn1	MmuINT0065267	chr1	71645969	71646176	-	0.021096
Fn1	MmuINT0065268	chr1	71645038	71645788	-	0.031376
Fn1	MmuINT0065269	chr1	71644322	71644947	-	0.079486
Fn1	MmuINT0065270	chr1	71694721	71695767	-	0.047501
Fn1	MmuINT0065271	chr1	71642377	71643854	-	0.028681
Fn1	MmuINT0065272	chr1	71639810	71642237	-	0.034944
Fn1	MmuINT0065273	chr1	71637467	71639644	-	0.022127
Fn1	MmuINT0065274	chr1	71636779	71637340	-	0.022727
Fn1	MmuINT0065275	chr1	71633518	71636671	-	0.024502
Fn1	MmuINT0065276	chr1	71632858	71633403	-	0.019007
Fn1	MmuINT0065277	chr1	71692277	71694582	-	0.029838
Fn1	MmuINT0065278	chr1	71689726	71692120	-	0.028391
Fn1	MmuINT0065279	chr1	71688706	71689533	-	0.037125
Fn1	MmuINT0065280	chr1	71687903	71688525	-	0.036928

Fn1	MmuINT0065281	chr1	71687019	71687725	-	0.031636
Fn3k	MmuINT0065282	chr11	1.21E+08	1.21E+08	+	0.004913
Fn3k	MmuINT0065283	chr11	1.21E+08	1.21E+08	+	0.006153
Fn3k	MmuINT0065284	chr11	1.21E+08	1.21E+08	+	0.008157
Fn3k	MmuINT0065285	chr11	1.21E+08	1.21E+08	+	0.005144
Fn3krp	MmuINT0065286	chr11	1.21E+08	1.21E+08	+	0.202654
Fn3krp	MmuINT0065287	chr11	1.21E+08	1.21E+08	+	0.190122
Fn3krp	MmuINT0065288	chr11	1.21E+08	1.21E+08	+	0.059901
Fn3krp	MmuINT0065289	chr11	1.21E+08	1.21E+08	+	0.079875
Fn3krp	MmuINT0065290	chr11	1.21E+08	1.21E+08	+	0.06138
Fnbp1	MmuINT0065291	chr2	30960878	30997298	-	0.006625
Fnbp1	MmuINT0065293	chr2	30896035	30900401	-	0.008181
Fnbp1	MmuINT0065294	chr2	30892809	30895924	-	0.003764
Fnbp1	MmuINT0065295	chr2	30892184	30892675	-	0.00422
Fnbp1	MmuINT0065296	chr2	30888709	30891637	-	0.003719
Fnbp1	MmuINT0065297	chr2	30884404	30888549	-	0.250067
Fnbp1	MmuINT0065298	chr2	30952671	30960761	-	0.006909
Fnbp1	MmuINT0065299	chr2	30951695	30952613	-	0.005029
Fnbp1	MmuINT0065300	chr2	30939606	30951546	-	0.007169
Fnbp1	MmuINT0065301	chr2	30938599	30939542	-	0.005585
Fnbp1	MmuINT0065302	chr2	30914538	30938493	-	0.005627
Fnbp1	MmuINT0065303	chr2	30911095	30914408	-	0.00511
Fnbp1	MmuINT0065304	chr2	30909739	30910947	-	0.005521
Fnbp1l	MmuINT0065311	chr3	1.22E+08	1.22E+08	-	0.027474
Fnbp1l	MmuINT0065312	chr3	1.22E+08	1.22E+08	-	0.07021
Fnbp1l	MmuINT0065313	chr3	1.22E+08	1.22E+08	-	0.015577
Fnbp1l	MmuINT0065314	chr3	1.22E+08	1.22E+08	-	0.056315
Fnbp1l	MmuINT0065315	chr3	1.22E+08	1.22E+08	-	0.012992
Fnbp1l	MmuINT0065316	chr3	1.22E+08	1.22E+08	-	0.039475
Fnbp1l	MmuINT0065317	chr3	1.22E+08	1.22E+08	-	0.024187
Fnbp1l	MmuINT0065318	chr3	1.22E+08	1.22E+08	-	0.020587
Fnbp1l	MmuINT0065319	chr3	1.22E+08	1.22E+08	-	0.025527
Fnbp1l	MmuINT0065320	chr3	1.22E+08	1.22E+08	-	0.017569
Fnbp1l	MmuINT0065321	chr3	1.22E+08	1.22E+08	-	0.040794
Fnbp1l	MmuINT0065322	chr3	1.22E+08	1.22E+08	-	0.016096
Fnbp1l	MmuINT0065323	chr3	1.22E+08	1.22E+08	-	0.02048
Fnbp4	MmuINT0065324	chr2	90585984	90586852	+	0.033048
Fnbp4	MmuINT0065325	chr2	90606092	90607564	+	0.017147
Fnbp4	MmuINT0065326	chr2	90607699	90608672	+	0.626041
Fnbp4	MmuINT0065327	chr2	90608858	90616061	+	0.131816
Fnbp4	MmuINT0065328	chr2	90616379	90616487	+	0.018922
Fnbp4	MmuINT0065329	chr2	90616633	90617721	+	0.030761
Fnbp4	MmuINT0065330	chr2	90618078	90619355	+	0.020523
Fnbp4	MmuINT0065331	chr2	90619514	90619717	+	0.028427
Fnbp4	MmuINT0065332	chr2	90586946	90591224	+	0.029414
Fnbp4	MmuINT0065333	chr2	90591362	90591588	+	0.019394
Fnbp4	MmuINT0065334	chr2	90591776	90592975	+	0.016647
Fnbp4	MmuINT0065335	chr2	90593124	90593226	+	0.012454
Fnbp4	MmuINT0065336	chr2	90593348	90597492	+	0.014393
Fnbp4	MmuINT0065337	chr2	90597844	90598450	+	0.01776

Fnbp4	MmuINT0065338	chr2	90598662	90603577	+	0.015762
Fnbp4	MmuINT0065339	chr2	90603703	90605986	+	0.038163
Fndc1	MmuINT0065368	chr17	7933656	7934486	-	0.054478
Fndc3a	MmuINT0065379	chr14	72968774	72971241	-	0.099307
Fndc3a	MmuINT0065380	chr14	72967292	72968648	-	0.073377
Fndc3a	MmuINT0065382	chr14	72964552	72965903	-	0.048605
Fndc3a	MmuINT0065383	chr14	72963360	72964412	-	0.036638
Fndc3a	MmuINT0065384	chr14	72961524	72963290	-	0.046307
Fndc3a	MmuINT0065385	chr14	72959155	72961404	-	0.139659
Fndc3a	MmuINT0065386	chr14	72958963	72959048	-	0.095246
Fndc3a	MmuINT0065387	chr14	72957555	72958786	-	0.036629
Fndc3a	MmuINT0065389	chr14	72956796	72957440	-	0.046081
Fndc3a	MmuINT0065390	chr14	72956549	72956645	-	0.044754
Fndc3a	MmuINT0065391	chr14	72956167	72956264	-	0.022874
Fndc3a	MmuINT0065392	chr14	72953356	72955953	-	0.026516
Fndc3a	MmuINT0065393	chr14	72952407	72953188	-	0.037447
Fndc3a	MmuINT0065394	chr14	72940289	72952278	-	0.041813
Fndc3a	MmuINT0065398	chr14	72982823	72984381	-	0.030033
Fndc3a	MmuINT0065399	chr14	72974488	72982763	-	0.049473
Fndc3a	MmuINT0065400	chr14	72974219	72974329	-	0.05341
Fndc3b	MmuINT0065403	chr3	27387213	27389946	-	0.021742
Fndc3b	MmuINT0065404	chr3	27369269	27387158	-	0.02775
Fndc3b	MmuINT0065405	chr3	27367963	27369143	-	0.014654
Fndc3b	MmuINT0065406	chr3	27366384	27367787	-	0.015192
Fndc3b	MmuINT0065407	chr3	27364763	27366296	-	0.016173
Fndc3b	MmuINT0065408	chr3	27362769	27364623	-	0.019774
Fndc3b	MmuINT0065409	chr3	27360717	27362696	-	0.019142
Fndc3b	MmuINT0065410	chr3	27358973	27360597	-	0.021459
Fndc3b	MmuINT0065411	chr3	27357812	27358866	-	0.033808
Fndc3b	MmuINT0065412	chr3	27356023	27357638	-	0.014477
Fndc3b	MmuINT0065413	chr3	27519603	27541872	-	0.018854
Fndc3b	MmuINT0065414	chr3	27355521	27355908	-	0.013305
Fndc3b	MmuINT0065415	chr3	27350517	27355370	-	0.021411
Fndc3b	MmuINT0065416	chr3	27339093	27350235	-	0.013454
Fndc3b	MmuINT0065417	chr3	27327953	27338879	-	0.012727
Fndc3b	MmuINT0065418	chr3	27325084	27327785	-	0.008696
Fndc3b	MmuINT0065419	chr3	27318525	27324955	-	0.027726
Fndc3b	MmuINT0065420	chr3	27455119	27519526	-	0.024097
Fndc3b	MmuINT0065421	chr3	27441097	27455041	-	0.026992
Fndc3b	MmuINT0065422	chr3	27437162	27440852	-	0.011078
Fndc3b	MmuINT0065423	chr3	27407462	27436870	-	0.017346
Fndc3b	MmuINT0065424	chr3	27400468	27407402	-	0.022546
Fndc3b	MmuINT0065425	chr3	27397759	27400315	-	0.020567
Fndc3b	MmuINT0065426	chr3	27390086	27397698	-	0.020924
Fndc4	MmuINT0065453	chr5	31597495	31597585	-	0.059118
Fndc4	MmuINT0065454	chr5	31597208	31597378	-	0.050689
Fndc4	MmuINT0065455	chr5	31596567	31597002	-	0.122111
Fndc4	MmuINT0065456	chr5	31596187	31596476	-	0.077922
Fndc4	MmuINT0065457	chr5	31595860	31596058	-	0.09749
Fndc5	MmuINT0065458	chr4	1.29E+08	1.29E+08	+	0.007135

Fndc5	MmuINT0065459	chr4	1.29E+08	1.29E+08	+	0.001278
Fndc5	MmuINT0065460	chr4	1.29E+08	1.29E+08	+	0.002237
Fndc5	MmuINT0065461	chr4	1.29E+08	1.29E+08	+	0.006957
Fndc5	MmuINT0065462	chr4	1.29E+08	1.29E+08	+	0.003161
Fnip1	MmuINT0065479	chr11	54251891	54279588	+	0.014514
Fnip1	MmuINT0065480	chr11	54306897	54310103	+	0.045048
Fnip1	MmuINT0065481	chr11	54310190	54312912	+	0.021339
Fnip1	MmuINT0065482	chr11	54313060	54314021	+	0.012153
Fnip1	MmuINT0065483	chr11	54314192	54315760	+	0.008286
Fnip1	MmuINT0065484	chr11	54317178	54318239	+	0.007802
Fnip1	MmuINT0065485	chr11	54318409	54323383	+	0.006314
Fnip1	MmuINT0065486	chr11	54323582	54326871	+	0.033885
Fnip1	MmuINT0065487	chr11	54326988	54328999	+	0.021873
Fnip1	MmuINT0065488	chr11	54279716	54289133	+	0.012217
Fnip1	MmuINT0065489	chr11	54289269	54293751	+	0.010714
Fnip1	MmuINT0065490	chr11	54293853	54294111	+	0.017436
Fnip1	MmuINT0065491	chr11	54294187	54295996	+	0.022119
Fnip1	MmuINT0065492	chr11	54296089	54301213	+	0.040162
Fnip1	MmuINT0065493	chr11	54301298	54302770	+	0.022899
Fnip1	MmuINT0065494	chr11	54302843	54304304	+	0.01444
Fnip1	MmuINT0065495	chr11	54304441	54306694	+	0.014139
Fnip2	MmuINT0065497	chr3	79293315	79296753	-	0.040542
Fnip2	MmuINT0065498	chr3	79293051	79293167	-	0.018284
Fnip2	MmuINT0065499	chr3	79285802	79292880	-	0.03089
Fnip2	MmuINT0065500	chr3	79283566	79284480	-	0.024799
Fnip2	MmuINT0065501	chr3	79269671	79283408	-	0.059787
Fnip2	MmuINT0065502	chr3	79266167	79269469	-	0.016999
Fnip2	MmuINT0065503	chr3	79263664	79266050	-	0.034026
Fnip2	MmuINT0065506	chr3	79316325	79316419	-	0.033344
Fnip2	MmuINT0065507	chr3	79312110	79316252	-	0.021325
Fnip2	MmuINT0065510	chr3	79297400	79304259	-	0.048184
Fnip2	MmuINT0065511	chr3	79296843	79297197	-	0.018772
Fnta	MmuINT0065512	chr8	27124028	27125852	-	0.004932
Fnta	MmuINT0065513	chr8	27121677	27123941	-	0.003252
Fnta	MmuINT0065514	chr8	27120242	27121561	-	0.002235
Fnta	MmuINT0065515	chr8	27117786	27120136	-	0.003479
Fnta	MmuINT0065516	chr8	27115037	27117658	-	0.003594
Fnta	MmuINT0065517	chr8	27111505	27114887	-	0.018087
Fnta	MmuINT0065518	chr8	27110413	27111441	-	0.02626
Fnta	MmuINT0065519	chr8	27110037	27110240	-	0.002788
Fntb	MmuINT0065520	chr12	77938639	77963472	+	0.038032
Fntb	MmuINT0065521	chr12	78015719	78017400	+	0.034876
Fntb	MmuINT0065522	chr12	78017516	78021062	+	0.052911
Fntb	MmuINT0065523	chr12	77963538	77974362	+	0.038636
Fntb	MmuINT0065524	chr12	77974436	77976018	+	0.02868
Fntb	MmuINT0065525	chr12	77976111	77988718	+	0.023355
Fntb	MmuINT0065526	chr12	77988866	77988958	+	0.022809
Fntb	MmuINT0065527	chr12	77989043	77998313	+	0.024706
Fntb	MmuINT0065528	chr12	77998401	78007931	+	0.041564
Fntb	MmuINT0065529	chr12	78008062	78011197	+	0.016066

Fntb	MmuINT0065530	chr12	78011331	78015606	+	0.049708
Folr2	MmuINT0065558	chr7	1.09E+08	1.09E+08	-	0.06414
Folr2	MmuINT0065559	chr7	1.09E+08	1.09E+08	-	0.053019
Folr2	MmuINT0065560	chr7	1.09E+08	1.09E+08	-	0.025858
Fos	MmuINT0065566	chr12	86815131	86815884	+	0.098246
Fos	MmuINT0065567	chr12	86816137	86816541	+	0.038465
Fosl1	MmuINT0065573	chr19	5454521	5454891	+	0.962857
Fosl2	MmuINT0065574	chr5	32439179	32449197	+	0.040802
Fosl2	MmuINT0065575	chr5	32449450	32452793	+	0.023481
Fosl2	MmuINT0065576	chr5	32452902	32455043	+	0.019042
Foxj2	MmuINT0065592	chr6	1.23E+08	1.23E+08	+	0.009864
Foxj2	MmuINT0065593	chr6	1.23E+08	1.23E+08	+	0.012124
Foxj2	MmuINT0065594	chr6	1.23E+08	1.23E+08	+	0.033575
Foxj2	MmuINT0065595	chr6	1.23E+08	1.23E+08	+	0.019497
Foxj2	MmuINT0065596	chr6	1.23E+08	1.23E+08	+	0.027971
Foxj2	MmuINT0065597	chr6	1.23E+08	1.23E+08	+	0.007973
Foxj2	MmuINT0065598	chr6	1.23E+08	1.23E+08	+	0.011964
Foxj2	MmuINT0065599	chr6	1.23E+08	1.23E+08	+	0.009669
Foxj2	MmuINT0065600	chr6	1.23E+08	1.23E+08	+	0.010112
Foxj2	MmuINT0065601	chr6	1.23E+08	1.23E+08	+	0.008239
Foxj3	MmuINT0065602	chr4	1.19E+08	1.19E+08	+	0.03379
Foxj3	MmuINT0065603	chr4	1.19E+08	1.19E+08	+	0.045203
Foxj3	MmuINT0065604	chr4	1.19E+08	1.19E+08	+	0.02654
Foxj3	MmuINT0065605	chr4	1.19E+08	1.19E+08	+	0.028858
Foxj3	MmuINT0065606	chr4	1.19E+08	1.19E+08	+	0.021712
Foxj3	MmuINT0065607	chr4	1.19E+08	1.19E+08	+	0.015814
Foxj3	MmuINT0065608	chr4	1.19E+08	1.19E+08	+	0.01682
Foxj3	MmuINT0065609	chr4	1.19E+08	1.19E+08	+	0.064104
Foxj3	MmuINT0065610	chr4	1.19E+08	1.19E+08	+	0.049181
Foxj3	MmuINT0065611	chr4	1.19E+08	1.19E+08	+	0.01085
Foxj3	MmuINT0065612	chr4	1.19E+08	1.19E+08	+	0.012295
Foxj3	MmuINT0065613	chr4	1.19E+08	1.19E+08	+	0.036691
Foxk1	MmuINT0065614	chr5	1.43E+08	1.43E+08	+	0.04374
Foxk1	MmuINT0065615	chr5	1.43E+08	1.43E+08	+	0.030896
Foxk1	MmuINT0065616	chr5	1.43E+08	1.43E+08	+	0.034522
Foxk1	MmuINT0065617	chr5	1.43E+08	1.43E+08	+	0.036249
Foxk1	MmuINT0065618	chr5	1.43E+08	1.43E+08	+	0.031617
Foxk1	MmuINT0065619	chr5	1.43E+08	1.43E+08	+	0.046811
Foxk1	MmuINT0065620	chr5	1.43E+08	1.43E+08	+	0.024649
Foxk1	MmuINT0065621	chr5	1.43E+08	1.43E+08	+	0.160811
Foxk2	MmuINT0065622	chr11	1.21E+08	1.21E+08	+	0.023241
Foxk2	MmuINT0065623	chr11	1.21E+08	1.21E+08	+	0.010288
Foxk2	MmuINT0065624	chr11	1.21E+08	1.21E+08	+	0.009346
Foxk2	MmuINT0065625	chr11	1.21E+08	1.21E+08	+	0.031882
Foxk2	MmuINT0065626	chr11	1.21E+08	1.21E+08	+	0.04087
Foxk2	MmuINT0065627	chr11	1.21E+08	1.21E+08	+	0.014836
Foxk2	MmuINT0065628	chr11	1.21E+08	1.21E+08	+	0.015237
Foxk2	MmuINT0065629	chr11	1.21E+08	1.21E+08	+	0.036624
Foxn2	MmuINT0065652	chr17	88840225	88862052	+	0.054097
Foxn2	MmuINT0065654	chr17	88875291	88878615	+	0.05254



Foxn3	MmuINT0065658	chr12	1.01E+08	1.01E+08	-	0.011535
Foxn3	MmuINT0065659	chr12	1.01E+08	1.01E+08	-	0.005425
Foxn3	MmuINT0065660	chr12	1E+08	1.01E+08	-	0.03063
Foxn3	MmuINT0065661	chr12	1E+08	1E+08	-	0.014163
Foxo1	MmuINT0065671	chr3	52073345	52148960	+	0.022862
Foxo1	MmuINT0065672	chr3	52150313	52150917	+	0.030873
Foxo3	MmuINT0065673	chr10	41995348	41996331	-	0.971127
Foxo3	MmuINT0065674	chr10	41917708	41994621	-	0.007074
Foxo3	MmuINT0065675	chr10	41906102	41916271	-	0.007588
Foxo4	MmuINT0065676	chrX	98450613	98453515	+	0.017764
Foxo4	MmuINT0065677	chrX	98454573	98454853	+	0.005096
Foxp1	MmuINT0065683	chr6	98916109	98928126	-	0.059197
Foxp1	MmuINT0065684	chr6	98904399	98916020	-	0.046562
Foxp1	MmuINT0065685	chr6	98895730	98904314	-	0.036359
Foxp1	MmuINT0065686	chr6	98895421	98895527	-	0.039913
Foxp1	MmuINT0065687	chr6	98894715	98895340	-	0.030929
Foxp1	MmuINT0065688	chr6	98891652	98894612	-	0.022233
Foxp1	MmuINT0065689	chr6	98889783	98891529	-	0.036735
Foxp1	MmuINT0065690	chr6	98885435	98889712	-	0.03844
Foxp1	MmuINT0065691	chr6	98880229	98885267	-	0.026639
Foxp1	MmuINT0065696	chr6	98953399	98959897	-	0.035821
Foxp1	MmuINT0065697	chr6	98928232	98953193	-	0.025109
Foxp4	MmuINT0065730	chr17	48011686	48012303	-	0.019416
Foxp4	MmuINT0065731	chr17	48008301	48011583	-	0.012311
Foxp4	MmuINT0065732	chr17	48006741	48008178	-	0.017539
Foxp4	MmuINT0065733	chr17	48006223	48006673	-	0.025908
Foxp4	MmuINT0065734	chr17	48005753	48006052	-	0.026541
Foxp4	MmuINT0065735	chr17	48025170	48041244	-	0.025831
Foxp4	MmuINT0065738	chr17	48015704	48017211	-	0.048812
Foxp4	MmuINT0065739	chr17	48015447	48015555	-	0.0372
Foxp4	MmuINT0065740	chr17	48014178	48014876	-	0.037044
Foxp4	MmuINT0065741	chr17	48012873	48014089	-	0.054323
Foxred1	MmuINT0065749	chr9	35017751	35018391	-	0.072172
Foxred1	MmuINT0065751	chr9	35017115	35017529	-	0.079354
Foxred1	MmuINT0065752	chr9	35016742	35017000	-	0.02674
Foxred1	MmuINT0065753	chr9	35015572	35016622	-	0.00249
Foxred1	MmuINT0065754	chr9	35015166	35015476	-	0.00271
Foxred1	MmuINT0065755	chr9	35013885	35015063	-	0.039707
Foxred1	MmuINT0065756	chr9	35013606	35013807	-	0.025797
Foxred1	MmuINT0065757	chr9	35013304	35013444	-	0.006798
Foxred1	MmuINT0065758	chr9	35012995	35013173	-	0.003547
Fpgs	MmuINT0065767	chr2	32548242	32549508	-	0.132853
Fpgs	MmuINT0065768	chr2	32542164	32542257	-	0.032631
Fpgs	MmuINT0065769	chr2	32541390	32542073	-	0.045521
Fpgs	MmuINT0065770	chr2	32540910	32541238	-	0.132956
Fpgs	MmuINT0065771	chr2	32540337	32540833	-	0.056157
Fpgs	MmuINT0065772	chr2	32538989	32540269	-	0.187019
Fpgs	MmuINT0065773	chr2	32548025	32548112	-	0.033021
Fpgs	MmuINT0065774	chr2	32546775	32547970	-	0.052147
Fpgs	MmuINT0065775	chr2	32543555	32546709	-	0.116256

Fpgs	MmuINT0065776	chr2	32543358	32543439	-	0.036461
Fpgs	MmuINT0065777	chr2	32543184	32543279	-	0.043043
Fpgs	MmuINT0065778	chr2	32543036	32543121	-	0.104541
Fpgs	MmuINT0065779	chr2	32542743	32542932	-	0.185001
Fpgs	MmuINT0065780	chr2	32542406	32542664	-	0.11319
Fpgt	MmuINT0065781	chr3	1.55E+08	1.55E+08	-	0.211049
Fpgt	MmuINT0065782	chr3	1.55E+08	1.55E+08	-	0.173637
Fpgt	MmuINT0065783	chr3	1.55E+08	1.55E+08	-	0.081854
Frg1	MmuINT0065924	chr8	42500228	42502253	-	0.00488
Frg1	MmuINT0065925	chr8	42496703	42500156	-	0.006557
Frg1	MmuINT0065926	chr8	42495676	42496576	-	0.00906
Frg1	MmuINT0065927	chr8	42493114	42495617	-	0.017737
Frg1	MmuINT0065928	chr8	42486221	42492998	-	0.009544
Frg1	MmuINT0065929	chr8	42485011	42486115	-	0.011925
Frg1	MmuINT0065930	chr8	42484421	42484918	-	0.016279
Frg1	MmuINT0065931	chr8	42482999	42484309	-	0.010331
Frmd4a	MmuINT0065955	chr2	4525298	4527015	+	0.022128
Frmd4a	MmuINT0065956	chr2	4527113	4532012	+	0.236043
Frmd4a	MmuINT0065957	chr2	4487237	4493343	+	0.013935
Frmd4a	MmuINT0065958	chr2	4493486	4507406	+	0.027411
Frmd4a	MmuINT0065959	chr2	4507541	4511665	+	0.016791
Frmd4a	MmuINT0065960	chr2	4511789	4515584	+	0.017241
Frmd4a	MmuINT0065961	chr2	4515814	4518383	+	0.018849
Frmd4a	MmuINT0065962	chr2	4518441	4522160	+	0.042156
Frmd4a	MmuINT0065963	chr2	4522402	4523160	+	0.036773
Frmd4a	MmuINT0065964	chr2	4523326	4524422	+	0.014155
Frmd4a	MmuINT0065966	chr2	4456277	4458284	+	0.117084
Frmd4b	MmuINT0065978	chr6	97260734	97273648	-	0.04881
Frmd4b	MmuINT0065979	chr6	97258747	97260656	-	0.050316
Frmd4b	MmuINT0065980	chr6	97258163	97258607	-	0.033733
Frmd4b	MmuINT0065981	chr6	97256807	97258020	-	0.027729
Frmd4b	MmuINT0065983	chr6	97255370	97256472	-	0.044906
Frmd4b	MmuINT0065984	chr6	97252340	97255140	-	0.035307
Frmd4b	MmuINT0065985	chr6	97250351	97252282	-	0.033574
Frmd4b	MmuINT0065987	chr6	97248149	97250202	-	0.030276
Frmd4b	MmuINT0065988	chr6	97246382	97248028	-	0.026287
Frmd4b	MmuINT0065989	chr6	97242490	97245569	-	0.047942
Frmd4b	MmuINT0065990	chr6	97238475	97242356	-	0.090687
Frmd4b	MmuINT0065993	chr6	97346272	97362481	-	0.047236
Frmd4b	MmuINT0065996	chr6	97279559	97303175	-	0.040665
Frmd5	MmuINT0066002	chr2	1.21E+08	1.21E+08	-	0.921489
Frmd5	MmuINT0066003	chr2	1.21E+08	1.21E+08	-	0.901823
Frmd6	MmuINT0066012	chr12	71926561	71964863	+	0.028844
Frmd6	MmuINT0066016	chr12	71998421	72000370	+	0.014522
Frmd8	MmuINT0066036	chr19	5874795	5875090	-	0.05161
Frmd8	MmuINT0066037	chr19	5852743	5856584	-	0.102625
Frmd8	MmuINT0066038	chr19	5873337	5874709	-	0.059158
Frmd8	MmuINT0066039	chr19	5870113	5873168	-	0.038438
Frmd8	MmuINT0066040	chr19	5869795	5870010	-	0.073504
Frmd8	MmuINT0066041	chr19	5869604	5869735	-	0.05874

Frmd8	MmuINT0066042	chr19	5865294	5869436	-	0.033264
Frmd8	MmuINT0066043	chr19	5863348	5865068	-	0.074183
Frmd8	MmuINT0066044	chr19	5862395	5863223	-	0.043385
Frmd8	MmuINT0066045	chr19	5856790	5862250	-	0.055765
Frmpd3	MmuINT0066061	chrX	1.37E+08	1.37E+08	+	0.989278
Frrs1	MmuINT0066086	chr3	1.17E+08	1.17E+08	+	0.047975
Frrs1	MmuINT0066089	chr3	1.17E+08	1.17E+08	+	0.06349
Frrs1	MmuINT0066091	chr3	1.17E+08	1.17E+08	+	0.061813
Frrs1	MmuINT0066094	chr3	1.17E+08	1.17E+08	+	0.048007
Frrs1	MmuINT0066095	chr3	1.17E+08	1.17E+08	+	0.049403
Frs2	MmuINT0066100	chr10	1.17E+08	1.17E+08	-	0.021633
Frs2	MmuINT0066101	chr10	1.17E+08	1.17E+08	-	0.036223
Frs2	MmuINT0066102	chr10	1.17E+08	1.17E+08	-	0.026127
Frs2	MmuINT0066103	chr10	1.17E+08	1.17E+08	-	0.041359
Frs2	MmuINT0066104	chr10	1.17E+08	1.17E+08	-	0.140684
Frs2	MmuINT0066105	chr10	1.17E+08	1.17E+08	-	0.028902
Frs2	MmuINT0066106	chr10	1.17E+08	1.17E+08	-	0.02459
Frs2	MmuINT0066107	chr10	1.17E+08	1.17E+08	-	0.040249
Frs2	MmuINT0066108	chr10	1.17E+08	1.17E+08	-	0.050688
Frs3	MmuINT0066113	chr17	47838734	47839518	+	0.131866
Frs3	MmuINT0066114	chr17	47839674	47839902	+	0.044269
Fry	MmuINT0066116	chr5	1.51E+08	1.51E+08	+	0.02039
Fry	MmuINT0066120	chr5	1.51E+08	1.51E+08	+	0.021593
Fry	MmuINT0066121	chr5	1.51E+08	1.51E+08	+	0.016721
Fry	MmuINT0066122	chr5	1.51E+08	1.51E+08	+	0.023386
Fry	MmuINT0066123	chr5	1.51E+08	1.51E+08	+	0.020642
Fry	MmuINT0066124	chr5	1.51E+08	1.51E+08	+	0.011428
Fry	MmuINT0066125	chr5	1.51E+08	1.51E+08	+	0.018246
Fry	MmuINT0066127	chr5	1.51E+08	1.51E+08	+	0.016369
Fry	MmuINT0066128	chr5	1.51E+08	1.51E+08	+	0.011293
Fry	MmuINT0066129	chr5	1.51E+08	1.51E+08	+	0.018523
Fry	MmuINT0066130	chr5	1.51E+08	1.51E+08	+	0.017918
Fry	MmuINT0066131	chr5	1.51E+08	1.51E+08	+	0.018438
Fry	MmuINT0066132	chr5	1.51E+08	1.51E+08	+	0.015353
Fry	MmuINT0066133	chr5	1.51E+08	1.51E+08	+	0.012049
Fry	MmuINT0066134	chr5	1.51E+08	1.51E+08	+	0.013348
Fry	MmuINT0066135	chr5	1.51E+08	1.51E+08	+	0.01581
Fry	MmuINT0066136	chr5	1.51E+08	1.51E+08	+	0.013393
Fry	MmuINT0066137	chr5	1.51E+08	1.51E+08	+	0.017835
Fry	MmuINT0066138	chr5	1.51E+08	1.51E+08	+	0.015389
Fry	MmuINT0066139	chr5	1.51E+08	1.51E+08	+	0.019241
Fry	MmuINT0066140	chr5	1.51E+08	1.51E+08	+	0.02751
Fry	MmuINT0066141	chr5	1.51E+08	1.51E+08	+	0.01249
Fry	MmuINT0066142	chr5	1.51E+08	1.51E+08	+	0.020256
Fry	MmuINT0066143	chr5	1.51E+08	1.51E+08	+	0.016286
Fry	MmuINT0066144	chr5	1.51E+08	1.51E+08	+	0.01778
Fry	MmuINT0066145	chr5	1.51E+08	1.51E+08	+	0.015017
Fry	MmuINT0066146	chr5	1.51E+08	1.51E+08	+	0.013178
Fry	MmuINT0066147	chr5	1.51E+08	1.51E+08	+	0.013111
Fry	MmuINT0066148	chr5	1.51E+08	1.51E+08	+	0.023056

Fry	MmuINT0066149	chr5	1.51E+08	1.51E+08	+	0.011948
Fry	MmuINT0066150	chr5	1.51E+08	1.51E+08	+	0.018104
Fry	MmuINT0066151	chr5	1.51E+08	1.51E+08	+	0.012962
Fry	MmuINT0066152	chr5	1.51E+08	1.51E+08	+	0.014954
Fry	MmuINT0066153	chr5	1.51E+08	1.51E+08	+	0.013031
Fry	MmuINT0066154	chr5	1.51E+08	1.51E+08	+	0.010112
Fry	MmuINT0066155	chr5	1.51E+08	1.51E+08	+	0.012245
Fry	MmuINT0066156	chr5	1.51E+08	1.51E+08	+	0.012572
Fry	MmuINT0066157	chr5	1.51E+08	1.51E+08	+	0.016288
Fry	MmuINT0066158	chr5	1.51E+08	1.51E+08	+	0.009262
Fry	MmuINT0066159	chr5	1.51E+08	1.51E+08	+	0.025506
Fry	MmuINT0066160	chr5	1.51E+08	1.51E+08	+	0.069084
Fry	MmuINT0066161	chr5	1.51E+08	1.51E+08	+	0.026255
Fry	MmuINT0066162	chr5	1.51E+08	1.51E+08	+	0.005924
Fry	MmuINT0066163	chr5	1.51E+08	1.51E+08	+	0.007962
Fry	MmuINT0066164	chr5	1.51E+08	1.51E+08	+	0.014414
Fry	MmuINT0066165	chr5	1.51E+08	1.51E+08	+	0.021269
Fry	MmuINT0066166	chr5	1.51E+08	1.51E+08	+	0.010748
Fry	MmuINT0066167	chr5	1.51E+08	1.51E+08	+	0.0086
Fry	MmuINT0066168	chr5	1.51E+08	1.51E+08	+	0.012468
Fry	MmuINT0066169	chr5	1.51E+08	1.51E+08	+	0.02604
Fry	MmuINT0066170	chr5	1.51E+08	1.51E+08	+	0.027442
Fry	MmuINT0066171	chr5	1.51E+08	1.51E+08	+	0.014173
Fry	MmuINT0066172	chr5	1.51E+08	1.51E+08	+	0.029261
Fry	MmuINT0066174	chr5	1.51E+08	1.51E+08	+	0.03027
Fryl	MmuINT0066177	chr5	73511156	73513102	-	0.044392
Fryl	MmuINT0066183	chr5	73499335	73499708	-	0.037217
Fryl	MmuINT0066184	chr5	73496022	73499201	-	0.036179
Fryl	MmuINT0066185	chr5	73492931	73495913	-	0.028135
Fryl	MmuINT0066187	chr5	73491711	73492692	-	0.02968
Fryl	MmuINT0066189	chr5	73489667	73491184	-	0.036807
Fryl	MmuINT0066190	chr5	73488809	73489397	-	0.02647
Fryl	MmuINT0066191	chr5	73487638	73488612	-	0.019255
Fryl	MmuINT0066192	chr5	73486713	73487512	-	0.038035
Fryl	MmuINT0066194	chr5	73482013	73484361	-	0.022979
Fryl	MmuINT0066195	chr5	73480495	73481839	-	0.02191
Fryl	MmuINT0066199	chr5	73477866	73478116	-	0.029284
Fryl	MmuINT0066200	chr5	73476755	73477765	-	0.043735
Fryl	MmuINT0066201	chr5	73474627	73476585	-	0.026633
Fryl	MmuINT0066202	chr5	73474177	73474366	-	0.03041
Fryl	MmuINT0066203	chr5	73472372	73474035	-	0.025738
Fryl	MmuINT0066204	chr5	73467982	73472202	-	0.024851
Fryl	MmuINT0066205	chr5	73467240	73467896	-	0.020446
Fryl	MmuINT0066206	chr5	73466019	73467126	-	0.039744
Fryl	MmuINT0066207	chr5	73465185	73465867	-	0.030594
Fryl	MmuINT0066209	chr5	73464161	73465080	-	0.022969
Fryl	MmuINT0066210	chr5	73462549	73463974	-	0.085809
Fryl	MmuINT0066211	chr5	73461244	73462343	-	0.02957
Fryl	MmuINT0066212	chr5	73460154	73461121	-	0.035746
Fryl	MmuINT0066213	chr5	73458608	73459962	-	0.024735

Fryl	MmuINT0066214	chr5	73456786	73458512	-	0.023477
Fryl	MmuINT0066215	chr5	73455843	73456177	-	0.017354
Fryl	MmuINT0066216	chr5	73450789	73455744	-	0.032466
Fryl	MmuINT0066217	chr5	73449104	73450617	-	0.020194
Fryl	MmuINT0066218	chr5	73446962	73448962	-	0.023328
Fryl	MmuINT0066219	chr5	73524625	73527560	-	0.040086
Fryl	MmuINT0066220	chr5	73446117	73446763	-	0.01342
Fryl	MmuINT0066221	chr5	73445844	73445954	-	0.017987
Fryl	MmuINT0066222	chr5	73445469	73445768	-	0.021135
Fryl	MmuINT0066223	chr5	73441745	73445291	-	0.021453
Fryl	MmuINT0066224	chr5	73438924	73441540	-	0.014759
Fryl	MmuINT0066225	chr5	73432833	73438758	-	0.025897
Fryl	MmuINT0066226	chr5	73426393	73432584	-	0.010835
Fryl	MmuINT0066227	chr5	73424985	73426184	-	0.015903
Fryl	MmuINT0066229	chr5	73418624	73423996	-	0.019525
Fryl	MmuINT0066230	chr5	73523807	73524484	-	0.037237
Fryl	MmuINT0066231	chr5	73415238	73418554	-	0.043123
Fryl	MmuINT0066232	chr5	73413932	73415126	-	0.030076
Fryl	MmuINT0066233	chr5	73413537	73413740	-	0.010988
Fryl	MmuINT0066234	chr5	73516834	73523709	-	0.050866
Fryl	MmuINT0066236	chr5	73513621	73515921	-	0.038685
Fscn1	MmuINT0066242	chr5	1.44E+08	1.44E+08	+	0.011744
Fscn1	MmuINT0066243	chr5	1.44E+08	1.44E+08	+	0.009646
Fscn1	MmuINT0066244	chr5	1.44E+08	1.44E+08	+	0.007157
Fscn1	MmuINT0066245	chr5	1.44E+08	1.44E+08	+	0.011614
Fsd1l	MmuINT0066268	chr4	53706957	53707479	+	0.027462
Fsd1l	MmuINT0066269	chr4	53707732	53709761	+	0.067444
Fsd1l	MmuINT0066270	chr4	53709851	53713912	+	0.029713
Fsd1l	MmuINT0066271	chr4	53668636	53672384	+	0.016174
Fsd1l	MmuINT0066272	chr4	53672507	53692665	+	0.010827
Fsd1l	MmuINT0066273	chr4	53692876	53694971	+	0.01713
Fsd1l	MmuINT0066274	chr4	53695071	53699259	+	0.008665
Fsd1l	MmuINT0066276	chr4	53644485	53659858	+	0.018618
Fsd1l	MmuINT0066277	chr4	53659955	53660541	+	0.013204
Fsd2	MmuINT0066278	chr7	88705021	88711726	-	0.002013
Fsd2	MmuINT0066279	chr7	88685331	88686925	-	0.001801
Fsd2	MmuINT0066280	chr7	88682194	88685197	-	0.002065
Fsd2	MmuINT0066281	chr7	88680135	88682016	-	0.008071
Fsd2	MmuINT0066282	chr7	88704075	88704438	-	0.00074
Fsd2	MmuINT0066283	chr7	88698080	88703978	-	0.000602
Fsd2	MmuINT0066284	chr7	88696806	88697848	-	0.000664
Fsd2	MmuINT0066285	chr7	88694912	88696782	-	0.001149
Fsd2	MmuINT0066286	chr7	88693889	88694789	-	0.000675
Fsd2	MmuINT0066287	chr7	88690878	88693732	-	0.000968
Fsd2	MmuINT0066288	chr7	88689997	88690742	-	0.0021
Fsd2	MmuINT0066289	chr7	88687060	88689845	-	0.007364
Fstl1	MmuINT0066316	chr16	37777239	37777379	+	0.009582
Fstl1	MmuINT0066317	chr16	37831720	37833967	+	0.01355
Fstl1	MmuINT0066318	chr16	37777437	37815791	+	0.013159
Fstl1	MmuINT0066319	chr16	37815897	37818989	+	0.0104

Fstl1	MmuINT0066320	chr16	37819120	37821241	+	0.009743
Fstl1	MmuINT0066321	chr16	37821275	37822686	+	0.009452
Fstl1	MmuINT0066322	chr16	37822818	37826811	+	0.009629
Fstl1	MmuINT0066323	chr16	37826931	37828792	+	0.008877
Fstl1	MmuINT0066324	chr16	37828906	37829199	+	0.00672
Fstl1	MmuINT0066325	chr16	37829311	37831642	+	0.009341
Fstl3	MmuINT0066326	chr10	79240143	79241307	+	0.048294
Fstl3	MmuINT0066327	chr10	79241494	79242709	+	0.105451
Fstl3	MmuINT0066328	chr10	79242926	79243868	+	0.070385
Fstl3	MmuINT0066329	chr10	79244097	79244176	+	0.034413
Fstl4	MmuINT0066333	chr11	52979375	52981672	+	0.051887
Fstl4	MmuINT0066334	chr11	52981823	52990418	+	0.061763
Fth1	MmuINT0066373	chr19	10057474	10058670	+	0.000258
Fth1	MmuINT0066374	chr19	10058818	10059049	+	0.00004
Fth1	MmuINT0066375	chr19	10059176	10059270	+	0.000248
Fto	MmuINT0066379	chr8	93837520	93925705	+	0.006046
Fto	MmuINT0066380	chr8	93925784	93933121	+	0.003567
Fto	MmuINT0066381	chr8	93933741	93965561	+	0.003163
Fto	MmuINT0066382	chr8	93965706	93992215	+	0.003719
Fto	MmuINT0066383	chr8	93992296	93998207	+	0.006008
Fto	MmuINT0066384	chr8	93998352	94009057	+	0.002697
Fto	MmuINT0066385	chr8	94009178	94046670	+	0.003562
Fto	MmuINT0066386	chr8	94046796	94190180	+	0.00532
Ftsj1	MmuINT0066387	chrX	7828164	7829297	-	0.017546
Ftsj1	MmuINT0066388	chrX	7822599	7822677	-	0.030582
Ftsj1	MmuINT0066389	chrX	7822228	7822409	-	0.030979
Ftsj1	MmuINT0066390	chrX	7817957	7822185	-	0.022516
Ftsj1	MmuINT0066391	chrX	7827765	7828005	-	0.018417
Ftsj1	MmuINT0066392	chrX	7827613	7827694	-	0.027417
Ftsj1	MmuINT0066393	chrX	7826184	7827521	-	0.027491
Ftsj1	MmuINT0066394	chrX	7824048	7826104	-	0.076111
Ftsj1	MmuINT0066395	chrX	7823907	7823994	-	0.059896
Ftsj1	MmuINT0066396	chrX	7823761	7823852	-	0.039228
Ftsj1	MmuINT0066397	chrX	7823546	7823657	-	0.04728
Ftsj2	MmuINT0066400	chr5	1.41E+08	1.41E+08	-	0.018125
Ftsj3	MmuINT0066401	chr11	1.06E+08	1.06E+08	-	0.018848
Ftsj3	MmuINT0066402	chr11	1.06E+08	1.06E+08	-	0.017324
Ftsj3	MmuINT0066403	chr11	1.06E+08	1.06E+08	-	0.033454
Ftsj3	MmuINT0066404	chr11	1.06E+08	1.06E+08	-	0.005337
Ftsj3	MmuINT0066405	chr11	1.06E+08	1.06E+08	-	0.040094
Ftsj3	MmuINT0066406	chr11	1.06E+08	1.06E+08	-	0.038139
Ftsj3	MmuINT0066407	chr11	1.06E+08	1.06E+08	-	0.045193
Ftsj3	MmuINT0066408	chr11	1.06E+08	1.06E+08	-	0.030537
Ftsj3	MmuINT0066409	chr11	1.06E+08	1.06E+08	-	0.039805
Ftsj3	MmuINT0066410	chr11	1.06E+08	1.06E+08	-	0.017708
Ftsj3	MmuINT0066411	chr11	1.06E+08	1.06E+08	-	0.016855
Ftsj3	MmuINT0066412	chr11	1.06E+08	1.06E+08	-	0.012986
Ftsj3	MmuINT0066413	chr11	1.06E+08	1.06E+08	-	0.015999
Ftsj3	MmuINT0066414	chr11	1.06E+08	1.06E+08	-	0.02947
Ftsj3	MmuINT0066415	chr11	1.06E+08	1.06E+08	-	0.013844

Ftsj3	MmuINT0066416	chr11	1.06E+08	1.06E+08	-	0.046386
Ftsj3	MmuINT0066417	chr11	1.06E+08	1.06E+08	-	0.034282
Ftsj3	MmuINT0066418	chr11	1.06E+08	1.06E+08	-	0.02482
Ftsj3	MmuINT0066419	chr11	1.06E+08	1.06E+08	-	0.009689
Ftsj3	MmuINT0066420	chr11	1.06E+08	1.06E+08	-	0.030218
Ftsjd2	MmuINT0066422	chr17	29797717	29800116	+	0.006551
Ftsjd2	MmuINT0066423	chr17	29824100	29826839	+	0.008033
Ftsjd2	MmuINT0066424	chr17	29826937	29827252	+	0.020369
Ftsjd2	MmuINT0066425	chr17	29827386	29828189	+	0.007129
Ftsjd2	MmuINT0066426	chr17	29828370	29831192	+	0.014333
Ftsjd2	MmuINT0066427	chr17	29831250	29831729	+	0.0269
Ftsjd2	MmuINT0066428	chr17	29831788	29832370	+	0.029213
Ftsjd2	MmuINT0066429	chr17	29834161	29834893	+	0.129412
Ftsjd2	MmuINT0066430	chr17	29835017	29835582	+	0.154702
Ftsjd2	MmuINT0066431	chr17	29835675	29836164	+	0.199039
Ftsjd2	MmuINT0066432	chr17	29800252	29811083	+	0.006279
Ftsjd2	MmuINT0066433	chr17	29836234	29837178	+	0.192029
Ftsjd2	MmuINT0066434	chr17	29837227	29837915	+	0.089297
Ftsjd2	MmuINT0066435	chr17	29838029	29838429	+	0.073415
Ftsjd2	MmuINT0066436	chr17	29838539	29839098	+	0.015492
Ftsjd2	MmuINT0066437	chr17	29811236	29813075	+	0.005845
Ftsjd2	MmuINT0066438	chr17	29813235	29815934	+	0.00438
Ftsjd2	MmuINT0066439	chr17	29816028	29817533	+	0.007002
Ftsjd2	MmuINT0066440	chr17	29817606	29818862	+	0.005988
Ftsjd2	MmuINT0066441	chr17	29818958	29819066	+	0.01026
Ftsjd2	MmuINT0066442	chr17	29819140	29822795	+	0.007638
Ftsjd2	MmuINT0066443	chr17	29822995	29823980	+	0.004597
Fubp1	MmuINT0066444	chr3	1.52E+08	1.52E+08	+	0.008221
Fubp1	MmuINT0066445	chr3	1.52E+08	1.52E+08	+	0.007811
Fubp1	MmuINT0066446	chr3	1.52E+08	1.52E+08	+	0.00654
Fubp1	MmuINT0066447	chr3	1.52E+08	1.52E+08	+	0.006119
Fubp1	MmuINT0066448	chr3	1.52E+08	1.52E+08	+	0.00713
Fubp1	MmuINT0066449	chr3	1.52E+08	1.52E+08	+	0.008646
Fubp1	MmuINT0066450	chr3	1.52E+08	1.52E+08	+	0.010364
Fubp1	MmuINT0066451	chr3	1.52E+08	1.52E+08	+	0.052327
Fubp1	MmuINT0066452	chr3	1.52E+08	1.52E+08	+	0.146075
Fubp1	MmuINT0066453	chr3	1.52E+08	1.52E+08	+	0.01912
Fubp1	MmuINT0066454	chr3	1.52E+08	1.52E+08	+	0.274904
Fubp1	MmuINT0066455	chr3	1.52E+08	1.52E+08	+	0.029425
Fubp1	MmuINT0066456	chr3	1.52E+08	1.52E+08	+	0.013223
Fubp1	MmuINT0066457	chr3	1.52E+08	1.52E+08	+	0.021387
Fubp1	MmuINT0066458	chr3	1.52E+08	1.52E+08	+	0.009607
Fubp1	MmuINT0066459	chr3	1.52E+08	1.52E+08	+	0.009898
Fubp1	MmuINT0066460	chr3	1.52E+08	1.52E+08	+	0.006945
Fubp1	MmuINT0066461	chr3	1.52E+08	1.52E+08	+	0.005185
Fubp1	MmuINT0066462	chr3	1.52E+08	1.52E+08	+	0.004196
Fubp3	MmuINT0066463	chr2	31428474	31438674	+	0.021599
Fubp3	MmuINT0066464	chr2	31460237	31460762	+	0.033918
Fubp3	MmuINT0066465	chr2	31460864	31463604	+	0.087085
Fubp3	MmuINT0066466	chr2	31463747	31467098	+	0.048003

Fubp3	MmuINT0066467	chr2	31467260	31468004	+	0.143781
Fubp3	MmuINT0066468	chr2	31468079	31468356	+	0.081564
Fubp3	MmuINT0066469	chr2	31468429	31468550	+	0.034794
Fubp3	MmuINT0066470	chr2	31468628	31470230	+	0.170252
Fubp3	MmuINT0066471	chr2	31470303	31471017	+	0.128077
Fubp3	MmuINT0066472	chr2	31438781	31447982	+	0.041339
Fubp3	MmuINT0066473	chr2	31448017	31450362	+	0.033842
Fubp3	MmuINT0066474	chr2	31450413	31450769	+	0.058744
Fubp3	MmuINT0066475	chr2	31450842	31452113	+	0.053534
Fubp3	MmuINT0066476	chr2	31452172	31454057	+	0.046199
Fubp3	MmuINT0066477	chr2	31454221	31455972	+	0.020747
Fubp3	MmuINT0066478	chr2	31456072	31458730	+	0.033757
Fubp3	MmuINT0066479	chr2	31458836	31460133	+	0.024319
Fuca1	MmuINT0066480	chr4	1.35E+08	1.35E+08	+	0.018079
Fuca1	MmuINT0066481	chr4	1.35E+08	1.35E+08	+	0.012128
Fuca1	MmuINT0066482	chr4	1.35E+08	1.35E+08	+	0.008952
Fuca1	MmuINT0066483	chr4	1.35E+08	1.35E+08	+	0.006167
Fuca1	MmuINT0066484	chr4	1.35E+08	1.35E+08	+	0.041208
Fuca1	MmuINT0066485	chr4	1.35E+08	1.35E+08	+	0.088912
Fuca1	MmuINT0066486	chr4	1.35E+08	1.35E+08	+	0.006766
Fuca2	MmuINT0066487	chr10	13221180	13222876	+	0.001867
Fuca2	MmuINT0066488	chr10	13223065	13225544	+	0.000618
Fuca2	MmuINT0066489	chr10	13225885	13226511	+	0.005032
Fuca2	MmuINT0066490	chr10	13226723	13227040	+	0.002681
Fuca2	MmuINT0066491	chr10	13227232	13232423	+	0.00733
Fuca2	MmuINT0066492	chr10	13232533	13234512	+	0.007799
Fuk	MmuINT0066495	chr8	1.13E+08	1.13E+08	-	0.065358
Fuk	MmuINT0066496	chr8	1.13E+08	1.13E+08	-	0.059268
Fuk	MmuINT0066497	chr8	1.13E+08	1.13E+08	-	0.112207
Fuk	MmuINT0066498	chr8	1.13E+08	1.13E+08	-	0.155325
Fuk	MmuINT0066499	chr8	1.13E+08	1.13E+08	-	0.142628
Fuk	MmuINT0066500	chr8	1.13E+08	1.13E+08	-	0.090725
Fuk	MmuINT0066501	chr8	1.13E+08	1.13E+08	-	0.028162
Fuk	MmuINT0066502	chr8	1.13E+08	1.13E+08	-	0.048675
Fuk	MmuINT0066503	chr8	1.13E+08	1.13E+08	-	0.037802
Fuk	MmuINT0066504	chr8	1.13E+08	1.13E+08	-	0.049577
Fuk	MmuINT0066505	chr8	1.13E+08	1.13E+08	-	0.120984
Fuk	MmuINT0066506	chr8	1.13E+08	1.13E+08	-	0.065613
Fuk	MmuINT0066507	chr8	1.13E+08	1.13E+08	-	0.05154
Fuk	MmuINT0066508	chr8	1.13E+08	1.13E+08	-	0.108091
Fuk	MmuINT0066513	chr8	1.13E+08	1.13E+08	-	0.063933
Fuk	MmuINT0066514	chr8	1.13E+08	1.13E+08	-	0.184487
Fundc1	MmuINT0066516	chrX	17148586	17149278	-	0.012038
Fundc1	MmuINT0066517	chrX	17145235	17148428	-	0.006356
Fundc1	MmuINT0066518	chrX	17135936	17145158	-	0.011477
Fundc1	MmuINT0066519	chrX	17135138	17135806	-	0.008741
Fundc2	MmuINT0066520	chrX	72627791	72632440	+	0.001511
Fundc2	MmuINT0066521	chrX	72632592	72636122	+	0.000919
Fundc2	MmuINT0066522	chrX	72636199	72636978	+	0.000869
Fundc2	MmuINT0066523	chrX	72637111	72639648	+	0.001662



Furin	MmuINT0066525	chr7	87543815	87547415	-	0.02797
Furin	MmuINT0066526	chr7	87537664	87537769	-	0.006309
Furin	MmuINT0066527	chr7	87537474	87537559	-	0.006645
Furin	MmuINT0066528	chr7	87537253	87537355	-	0.01253
Furin	MmuINT0066529	chr7	87536739	87537072	-	0.019494
Furin	MmuINT0066530	chr7	87536505	87536613	-	0.00876
Furin	MmuINT0066531	chr7	87536183	87536393	-	0.006396
Furin	MmuINT0066532	chr7	87543080	87543479	-	0.010423
Furin	MmuINT0066533	chr7	87542880	87542980	-	0.004626
Furin	MmuINT0066534	chr7	87542137	87542783	-	0.011712
Furin	MmuINT0066535	chr7	87541892	87542007	-	0.004548
Furin	MmuINT0066536	chr7	87540935	87541814	-	0.009077
Furin	MmuINT0066537	chr7	87540394	87540845	-	0.044464
Furin	MmuINT0066538	chr7	87538508	87540220	-	0.008719
Furin	MmuINT0066539	chr7	87537871	87538294	-	0.027289
Fus	MmuINT0066540	chr7	1.35E+08	1.35E+08	+	0.001686
Fus	MmuINT0066541	chr7	1.35E+08	1.35E+08	+	0.004368
Fus	MmuINT0066542	chr7	1.35E+08	1.35E+08	+	0.003348
Fus	MmuINT0066544	chr7	1.35E+08	1.35E+08	+	0.022081
Fus	MmuINT0066545	chr7	1.35E+08	1.35E+08	+	0.086459
Fus	MmuINT0066547	chr7	1.35E+08	1.35E+08	+	0.000275
Fus	MmuINT0066550	chr7	1.35E+08	1.35E+08	+	0.238249
Fut11	MmuINT0066556	chr14	21514921	21515009	+	0.140726
Fut11	MmuINT0066557	chr14	21515636	21517432	+	0.097515
Fut8	MmuINT0066564	chr12	78551264	78565046	+	0.013764
Fut8	MmuINT0066565	chr12	78565198	78575985	+	0.010251
Fut8	MmuINT0066567	chr12	78424925	78432882	+	0.024844
Fut8	MmuINT0066568	chr12	78433317	78465955	+	0.011315
Fut8	MmuINT0066569	chr12	78466072	78466183	+	0.010053
Fut8	MmuINT0066570	chr12	78466347	78494709	+	0.009997
Fut8	MmuINT0066571	chr12	78494825	78513698	+	0.013973
Fut8	MmuINT0066572	chr12	78513937	78549459	+	0.012947
Fut8	MmuINT0066573	chr12	78549707	78551086	+	0.00769
Fuz	MmuINT0066576	chr7	52151733	52151916	+	0.033923
Fuz	MmuINT0066577	chr7	52154757	52155502	+	0.041551
Fuz	MmuINT0066578	chr7	52152039	52152284	+	0.029097
Fuz	MmuINT0066579	chr7	52152370	52152630	+	0.01998
Fuz	MmuINT0066580	chr7	52152700	52152889	+	0.014816
Fuz	MmuINT0066581	chr7	52152995	52153872	+	0.144143
Fuz	MmuINT0066582	chr7	52154071	52154145	+	0.069015
Fuz	MmuINT0066583	chr7	52154242	52154354	+	0.030029
Fuz	MmuINT0066584	chr7	52154462	52154543	+	0.23499
Fuz	MmuINT0066585	chr7	52154609	52154681	+	0.13497
Fxc1	MmuINT0066586	chr7	1.13E+08	1.13E+08	+	0.009971
Fxc1	MmuINT0066587	chr7	1.13E+08	1.13E+08	+	0.024938
Fxn	MmuINT0066588	chr19	24351766	24354896	-	0.002156
Fxn	MmuINT0066590	chr19	24341890	24346836	-	0.00224
Fxn	MmuINT0066591	chr19	24336544	24341791	-	0.000914
Fxr1	MmuINT0066593	chr3	33963977	33967082	+	0.023562
Fxr1	MmuINT0066596	chr3	33919086	33938448	+	0.003852

Fxr1	MmuINT0066597	chr3	33953254	33955251	+	0.008944
Fxr1	MmuINT0066598	chr3	33957154	33960749	+	0.012495
Fxr1	MmuINT0066599	chr3	33960954	33963040	+	0.01023
Fxr1	MmuINT0066600	chr3	33963242	33967838	+	0.07563
Fxr1	MmuINT0066601	chr3	33938502	33939984	+	0.002126
Fxr1	MmuINT0066602	chr3	33940079	33944953	+	0.002153
Fxr1	MmuINT0066603	chr3	33945026	33945358	+	0.005309
Fxr1	MmuINT0066604	chr3	33945508	33945887	+	0.001752
Fxr1	MmuINT0066605	chr3	33945982	33946553	+	0.001411
Fxr1	MmuINT0066606	chr3	33946671	33948074	+	0.001827
Fxr1	MmuINT0066607	chr3	33948246	33948996	+	0.001622
Fxr1	MmuINT0066608	chr3	33949076	33953143	+	0.009208
Fxr2	MmuINT0066609	chr11	69446901	69452891	+	0.008223
Fxr2	MmuINT0066610	chr11	69463340	69463964	+	0.01635
Fxr2	MmuINT0066611	chr11	69464052	69464345	+	0.003595
Fxr2	MmuINT0066612	chr11	69464575	69464740	+	0.047268
Fxr2	MmuINT0066613	chr11	69464939	69465024	+	0.005085
Fxr2	MmuINT0066614	chr11	69465226	69465479	+	0.005432
Fxr2	MmuINT0066615	chr11	69465576	69465711	+	0.00406
Fxr2	MmuINT0066616	chr11	69465810	69466105	+	0.006301
Fxr2	MmuINT0066617	chr11	69452945	69453735	+	0.005058
Fxr2	MmuINT0066618	chr11	69453830	69454783	+	0.002721
Fxr2	MmuINT0066619	chr11	69454856	69454942	+	0.004033
Fxr2	MmuINT0066620	chr11	69455092	69455548	+	0.02155
Fxr2	MmuINT0066621	chr11	69455643	69457339	+	0.010498
Fxr2	MmuINT0066622	chr11	69457457	69462306	+	0.003937
Fxr2	MmuINT0066623	chr11	69462478	69462651	+	0.029244
Fxr2	MmuINT0066624	chr11	69462731	69463229	+	0.009691
Fxyd1	MmuINT0066625	chr7	31839454	31840569	-	0.344337
Fxyd1	MmuINT0066626	chr7	31838494	31838911	-	0.094282
Fxyd1	MmuINT0066627	chr7	31838081	31838418	-	0.015048
Fxyd1	MmuINT0066628	chr7	31837197	31838043	-	0.028206
Fxyd1	MmuINT0066629	chr7	31837007	31837146	-	0.010928
Fxyd1	MmuINT0066630	chr7	31836835	31836951	-	0.015549
Fxyd2	MmuINT0066635	chr9	45216458	45217595	+	0.057045
Fxyd2	MmuINT0066636	chr9	45217633	45217785	+	0.093805
Fxyd2	MmuINT0066637	chr9	45217817	45218074	+	0.046325
Fxyd5	MmuINT0066653	chr7	31825277	31826415	-	0.069703
Fxyd5	MmuINT0066654	chr7	31824114	31825201	-	0.013659
Fxyd5	MmuINT0066656	chr7	31821536	31822839	-	0.012065
Fxyd5	MmuINT0066657	chr7	31820435	31821454	-	0.021681
Fxyd5	MmuINT0066658	chr7	31820303	31820404	-	0.019943
Fxyd5	MmuINT0066659	chr7	31818038	31820227	-	0.055596
Fxyd6	MmuINT0066660	chr9	45178572	45198070	+	0.018969
Fxyd6	MmuINT0066661	chr9	45198131	45198716	+	0.056452
Fxyd6	MmuINT0066662	chr9	45198756	45198859	+	0.012597
Fxyd6	MmuINT0066663	chr9	45198935	45199643	+	0.01385
Fxyd6	MmuINT0066664	chr9	45199681	45200297	+	0.010528
Fxyd6	MmuINT0066665	chr9	45200348	45200758	+	0.017219
Fxyd6	MmuINT0066666	chr9	45200809	45203065	+	0.007025

Fyb	MmuINT0066673	chr15	6593764	6594761	+	0.14406
Fyb	MmuINT0066674	chr15	6594900	6596636	+	0.041223
Fyb	MmuINT0066676	chr15	6598921	6601803	+	0.133676
Fyb	MmuINT0066677	chr15	6601904	6602381	+	0.056243
Fyb	MmuINT0066679	chr15	6608566	6610682	+	0.064276
Fyb	MmuINT0066681	chr15	6569751	6580071	+	0.067704
Fyb	MmuINT0066683	chr15	6582285	6582776	+	0.053459
Fyb	MmuINT0066685	chr15	6584917	6588806	+	0.056807
Fyb	MmuINT0066686	chr15	6588967	6590440	+	0.381102
Fyb	MmuINT0066687	chr15	6590586	6592556	+	0.053265
Fyb	MmuINT0066688	chr15	6592580	6593693	+	0.033535
Fyco1	MmuINT0066689	chr9	1.24E+08	1.24E+08	-	0.003879
Fyco1	MmuINT0066690	chr9	1.24E+08	1.24E+08	-	0.00115
Fyco1	MmuINT0066691	chr9	1.24E+08	1.24E+08	-	0.002104
Fyco1	MmuINT0066692	chr9	1.24E+08	1.24E+08	-	0.00108
Fyco1	MmuINT0066693	chr9	1.24E+08	1.24E+08	-	0.0021
Fyco1	MmuINT0066694	chr9	1.24E+08	1.24E+08	-	0.001337
Fyco1	MmuINT0066695	chr9	1.24E+08	1.24E+08	-	0.001494
Fyco1	MmuINT0066696	chr9	1.24E+08	1.24E+08	-	0.004028
Fyco1	MmuINT0066697	chr9	1.24E+08	1.24E+08	-	0.001862
Fyco1	MmuINT0066698	chr9	1.24E+08	1.24E+08	-	0.001007
Fyco1	MmuINT0066699	chr9	1.24E+08	1.24E+08	-	0.001175
Fyco1	MmuINT0066700	chr9	1.24E+08	1.24E+08	-	0.019613
Fyco1	MmuINT0066701	chr9	1.24E+08	1.24E+08	-	0.001376
Fyco1	MmuINT0066702	chr9	1.24E+08	1.24E+08	-	0.001546
Fyco1	MmuINT0066703	chr9	1.24E+08	1.24E+08	-	0.001251
Fyco1	MmuINT0066704	chr9	1.24E+08	1.24E+08	-	0.000937
Fyco1	MmuINT0066705	chr9	1.24E+08	1.24E+08	-	0.002084
Fyn	MmuINT0066708	chr10	39089997	39114810	+	0.012634
Fyn	MmuINT0066709	chr10	39253517	39253614	+	0.005219
Fyn	MmuINT0066710	chr10	39253769	39271192	+	0.005901
Fyn	MmuINT0066711	chr10	39271325	39283569	+	0.015184
Fyn	MmuINT0066713	chr10	39231803	39235378	+	0.005146
Fyn	MmuINT0066714	chr10	39235476	39242559	+	0.006936
Fyn	MmuINT0066715	chr10	39242659	39245206	+	0.010147
Fyn	MmuINT0066716	chr10	39245311	39246586	+	0.006769
Fyn	MmuINT0066717	chr10	39246737	39249724	+	0.479498
Fyn	MmuINT0066718	chr10	39249881	39251821	+	0.448895
Fyn	MmuINT0066719	chr10	39252002	39253439	+	0.006978
Fytttd1	MmuINT0066725	chr16	32878083	32884209	+	0.002691
Fytttd1	MmuINT0066726	chr16	32884339	32891350	+	0.002596
Fytttd1	MmuINT0066727	chr16	32891500	32895170	+	0.003329
Fytttd1	MmuINT0066728	chr16	32895284	32898459	+	0.015646
Fytttd1	MmuINT0066729	chr16	32899026	32900718	+	0.042433
Fytttd1	MmuINT0066730	chr16	32900794	32902504	+	0.030523
Fytttd1	MmuINT0066731	chr16	32902632	32905617	+	0.003154
Fzd4	MmuINT0066738	chr7	96553482	96555541	+	0.022251
Fzd6	MmuINT0066740	chr15	38839110	38857211	+	0.159531
Fzd6	MmuINT0066741	chr15	38857409	38862360	+	0.023078
Fzd6	MmuINT0066742	chr15	38863379	38865395	+	0.043281

Fzd6	MmuINT0066743	chr15	38865545	38866353	+	0.043209
Fzd6	MmuINT0066744	chr15	38866774	38867931	+	0.057045
Fzr1	MmuINT0066746	chr10	80834200	80841014	-	0.016933
Fzr1	MmuINT0066747	chr10	80831502	80831818	-	0.046565
Fzr1	MmuINT0066748	chr10	80830981	80831267	-	0.017865
Fzr1	MmuINT0066749	chr10	80830479	80830875	-	0.009543
Fzr1	MmuINT0066750	chr10	80830296	80830385	-	0.009161
Fzr1	MmuINT0066751	chr10	80833966	80834089	-	0.009177
Fzr1	MmuINT0066752	chr10	80833764	80833839	-	0.008854
Fzr1	MmuINT0066753	chr10	80833570	80833699	-	0.007039
Fzr1	MmuINT0066754	chr10	80833293	80833441	-	0.010012
Fzr1	MmuINT0066755	chr10	80833127	80833209	-	0.006653
Fzr1	MmuINT0066756	chr10	80832782	80832942	-	0.012523
Fzr1	MmuINT0066757	chr10	80832186	80832715	-	0.078527
Fzr1	MmuINT0066758	chr10	80832004	80832082	-	0.009646
G0s2	MmuINT0066759	chr1	1.95E+08	1.95E+08	-	0.009324
G2e3	MmuINT0066764	chr12	52468944	52470032	+	0.072364
G2e3	MmuINT0066766	chr12	52472738	52473416	+	0.086825
G2e3	MmuINT0066772	chr12	52460836	52461917	+	0.05834
G3bp1	MmuINT0066777	chr11	55311544	55312059	+	0.003279
G3bp1	MmuINT0066779	chr11	55299241	55300980	+	0.002927
G3bp2	MmuINT0066790	chr5	92484529	92485294	-	0.007756
G3bp2	MmuINT0066791	chr5	92499465	92502185	-	0.006907
G3bp2	MmuINT0066792	chr5	92497525	92499382	-	0.006604
G3bp2	MmuINT0066793	chr5	92495609	92497350	-	0.010702
G3bp2	MmuINT0066794	chr5	92494881	92495517	-	0.007365
G3bp2	MmuINT0066795	chr5	92493532	92494777	-	0.017575
G3bp2	MmuINT0066796	chr5	92492462	92493350	-	0.016921
G3bp2	MmuINT0066797	chr5	92487097	92492362	-	0.027054
G3bp2	MmuINT0066798	chr5	92485424	92486993	-	0.009068
G630016D24Rik	MmuINT0066800	chr14	52636617	52636730	+	0.059338
G630016D24Rik	MmuINT0066801	chr14	52636873	52637425	+	0.249794
G630016D24Rik	MmuINT0066802	chr14	52637537	52637628	+	0.303287
G630016D24Rik	MmuINT0066803	chr14	52637686	52638216	+	0.319388
G630016D24Rik	MmuINT0066805	chr14	52638554	52638880	+	0.203511
G630090E17Rik	MmuINT0066806	chr10	39668923	39670422	-	0.037776
G630090E17Rik	MmuINT0066807	chr10	39667930	39668805	-	0.030012
G6pc3	MmuINT0066816	chr11	1.02E+08	1.02E+08	+	0.043626
G6pc3	MmuINT0066817	chr11	1.02E+08	1.02E+08	+	0.007787
G6pc3	MmuINT0066818	chr11	1.02E+08	1.02E+08	+	0.004155
G6pc3	MmuINT0066819	chr11	1.02E+08	1.02E+08	+	0.005893
G6pc3	MmuINT0066820	chr11	1.02E+08	1.02E+08	+	0.006506
G6pdx	MmuINT0066821	chrX	71673519	71674161	-	0.04641
G6pdx	MmuINT0066822	chrX	71655999	71656095	-	0.010803
G6pdx	MmuINT0066823	chrX	71655829	71655921	-	0.037722
G6pdx	MmuINT0066824	chrX	71655637	71655735	-	0.008033
G6pdx	MmuINT0066826	chrX	71660356	71660454	-	0.030915
G6pdx	MmuINT0066827	chrX	71659421	71660246	-	0.034105
G6pdx	MmuINT0066828	chrX	71657817	71659202	-	0.088537
G6pdx	MmuINT0066829	chrX	71657431	71657657	-	0.085657

G6pdx	MmuINT0066831	chrX	71656784	71656903	-	0.045031
G6pdx	MmuINT0066832	chrX	71656332	71656596	-	0.034653
Gaa	MmuINT0066833	chr11	1.19E+08	1.19E+08	+	0.003223
Gaa	MmuINT0066834	chr11	1.19E+08	1.19E+08	+	0.004762
Gaa	MmuINT0066835	chr11	1.19E+08	1.19E+08	+	0.004763
Gaa	MmuINT0066836	chr11	1.19E+08	1.19E+08	+	0.008761
Gaa	MmuINT0066837	chr11	1.19E+08	1.19E+08	+	0.010246
Gaa	MmuINT0066838	chr11	1.19E+08	1.19E+08	+	0.013611
Gaa	MmuINT0066839	chr11	1.19E+08	1.19E+08	+	0.005649
Gaa	MmuINT0066840	chr11	1.19E+08	1.19E+08	+	0.004317
Gaa	MmuINT0066841	chr11	1.19E+08	1.19E+08	+	0.001442
Gaa	MmuINT0066842	chr11	1.19E+08	1.19E+08	+	0.010716
Gaa	MmuINT0066843	chr11	1.19E+08	1.19E+08	+	0.00149
Gaa	MmuINT0066844	chr11	1.19E+08	1.19E+08	+	0.016688
Gaa	MmuINT0066845	chr11	1.19E+08	1.19E+08	+	0.013145
Gaa	MmuINT0066846	chr11	1.19E+08	1.19E+08	+	0.007488
Gaa	MmuINT0066847	chr11	1.19E+08	1.19E+08	+	0.008382
Gaa	MmuINT0066848	chr11	1.19E+08	1.19E+08	+	0.006562
Gaa	MmuINT0066849	chr11	1.19E+08	1.19E+08	+	0.004075
Gaa	MmuINT0066850	chr11	1.19E+08	1.19E+08	+	0.002882
Gab1	MmuINT0066852	chr8	83324295	83403430	-	0.02264
Gab1	MmuINT0066853	chr8	83315514	83323999	-	0.00583
Gab1	MmuINT0066854	chr8	83312994	83315287	-	0.021498
Gab1	MmuINT0066855	chr8	83309086	83312388	-	0.006284
Gab1	MmuINT0066856	chr8	83308830	83308999	-	0.005414
Gab1	MmuINT0066857	chr8	83298927	83308525	-	0.010792
Gab1	MmuINT0066858	chr8	83298573	83298832	-	0.005124
Gab1	MmuINT0066859	chr8	83293673	83298448	-	0.018855
Gab1	MmuINT0066860	chr8	83290387	83293549	-	0.02042
Gab2	MmuINT0066861	chr7	1.04E+08	1.04E+08	+	0.047179
Gab2	MmuINT0066862	chr7	1.04E+08	1.04E+08	+	0.019132
Gab2	MmuINT0066863	chr7	1.04E+08	1.04E+08	+	0.018823
Gab2	MmuINT0066864	chr7	1.04E+08	1.04E+08	+	0.024382
Gab2	MmuINT0066865	chr7	1.04E+08	1.04E+08	+	0.025636
Gab2	MmuINT0066866	chr7	1.04E+08	1.04E+08	+	0.017723
Gab2	MmuINT0066867	chr7	1.04E+08	1.04E+08	+	0.024528
Gab2	MmuINT0066868	chr7	1.04E+08	1.04E+08	+	0.023504
Gabarap	MmuINT0066878	chr11	69805305	69805866	+	0.001135
Gabarap	MmuINT0066879	chr11	69805946	69806083	+	0.001504
Gabarap	MmuINT0066880	chr11	69806203	69807960	+	0.001512
Gabarapl1	MmuINT0066881	chr6	1.29E+08	1.29E+08	+	0.00992
Gabarapl1	MmuINT0066882	chr6	1.29E+08	1.29E+08	+	0.001874
Gabarapl1	MmuINT0066883	chr6	1.29E+08	1.29E+08	+	0.00922
Gabbr1	MmuINT0066887	chr17	37183235	37183639	+	0.15801
Gabbr1	MmuINT0066888	chr17	37193307	37193732	+	0.029699
Gabbr1	MmuINT0066889	chr17	37193925	37199478	+	0.020386
Gabbr1	MmuINT0066890	chr17	37199722	37200274	+	0.069016
Gabbr1	MmuINT0066891	chr17	37200339	37201604	+	0.048789
Gabbr1	MmuINT0066894	chr17	37204854	37206056	+	0.039083
Gabbr1	MmuINT0066895	chr17	37206174	37206257	+	0.027747

Gabbr1	MmuINT0066896	chr17	37206366	37206925	+	0.024962
Gabbr1	MmuINT0066897	chr17	37207020	37207598	+	0.029564
Gabbr1	MmuINT0066898	chr17	37183722	37184398	+	0.157583
Gabbr1	MmuINT0066899	chr17	37207727	37208797	+	0.036424
Gabbr1	MmuINT0066900	chr17	37208927	37209088	+	0.021792
Gabbr1	MmuINT0066901	chr17	37209233	37209797	+	0.079276
Gabbr1	MmuINT0066902	chr17	37184603	37185365	+	0.037216
Gabbr1	MmuINT0066903	chr17	37185552	37186721	+	0.986217
Gabbr1	MmuINT0066904	chr17	37186743	37187943	+	0.966586
Gabbr1	MmuINT0066906	chr17	37191211	37191681	+	0.022653
Gabbr1	MmuINT0066907	chr17	37191853	37192790	+	0.02387
Gabpa	MmuINT0066927	chr16	84839429	84841573	+	0.006062
Gabpa	MmuINT0066928	chr16	84841719	84844526	+	0.009383
Gabpa	MmuINT0066929	chr16	84844612	84846368	+	0.041162
Gabpa	MmuINT0066930	chr16	84846615	84852704	+	0.00736
Gabpa	MmuINT0066931	chr16	84852900	84856706	+	0.02534
Gabpa	MmuINT0066932	chr16	84856761	84857278	+	0.014623
Gabpa	MmuINT0066933	chr16	84857420	84857624	+	0.012373
Gabpa	MmuINT0066934	chr16	84857818	84860619	+	0.01286
Gabpb1	MmuINT0066936	chr2	1.26E+08	1.26E+08	-	0.040087
Gabpb1	MmuINT0066937	chr2	1.26E+08	1.26E+08	-	0.044768
Gabpb1	MmuINT0066938	chr2	1.26E+08	1.26E+08	-	0.090609
Gabpb1	MmuINT0066939	chr2	1.26E+08	1.26E+08	-	0.097883
Gabpb2	MmuINT0066945	chr3	95008731	95010384	-	0.014476
Gabpb2	MmuINT0066946	chr3	95007848	95008562	-	0.36185
Gabpb2	MmuINT0066947	chr3	95004214	95007652	-	0.40984
Gabpb2	MmuINT0066948	chr3	94994661	95004062	-	0.124197
Gabpb2	MmuINT0066949	chr3	94993207	94994474	-	0.048845
Gabpb2	MmuINT0066950	chr3	94992898	94993075	-	0.067976
Gabrr2	MmuINT0067097	chr4	33164498	33168303	+	0.052468
Gabrr2	MmuINT0067098	chr4	33168528	33169253	+	0.067482
Gabrr2	MmuINT0067100	chr4	33169664	33171329	+	0.083463
Gabrr2	MmuINT0067101	chr4	33171483	33172520	+	0.155338
Gabrr2	MmuINT0067102	chr4	33172718	33182248	+	0.133457
Gadd45a	MmuINT0067142	chr6	66987106	66987194	-	0.009793
Gadd45a	MmuINT0067143	chr6	66986910	66987003	-	0.024477
Gadd45a	MmuINT0067144	chr6	66985767	66986671	-	0.025835
Gadd45b	MmuINT0067145	chr10	80393105	80393192	+	0.019002
Gadd45b	MmuINT0067146	chr10	80393295	80393773	+	0.037896
Gadd45b	MmuINT0067147	chr10	80393997	80394277	+	0.041072
Gadd45g	MmuINT0067148	chr13	51942202	51942720	+	0.027047
Gadd45g	MmuINT0067149	chr13	51942823	51942924	+	0.063549
Gadd45g	MmuINT0067150	chr13	51943139	51943237	+	0.034166
Gadd45gip1	MmuINT0067151	chr8	87356540	87358006	+	0.005579
Gak	MmuINT0067166	chr5	1.09E+08	1.09E+08	-	0.050487
Gak	MmuINT0067167	chr5	1.09E+08	1.09E+08	-	0.023335
Gak	MmuINT0067168	chr5	1.09E+08	1.09E+08	-	0.015649
Gak	MmuINT0067169	chr5	1.09E+08	1.09E+08	-	0.01943
Gak	MmuINT0067170	chr5	1.09E+08	1.09E+08	-	0.019005
Gak	MmuINT0067171	chr5	1.09E+08	1.09E+08	-	0.021488

Gak	MmuINT0067172	chr5	1.09E+08	1.09E+08	-	0.019039
Gak	MmuINT0067173	chr5	1.09E+08	1.09E+08	-	0.012579
Gak	MmuINT0067174	chr5	1.09E+08	1.09E+08	-	0.01934
Gak	MmuINT0067175	chr5	1.09E+08	1.09E+08	-	0.037348
Gak	MmuINT0067176	chr5	1.09E+08	1.09E+08	-	0.037516
Gak	MmuINT0067177	chr5	1.09E+08	1.09E+08	-	0.031
Gak	MmuINT0067178	chr5	1.09E+08	1.09E+08	-	0.015111
Gak	MmuINT0067179	chr5	1.09E+08	1.09E+08	-	0.035743
Gak	MmuINT0067180	chr5	1.09E+08	1.09E+08	-	0.029927
Gak	MmuINT0067181	chr5	1.09E+08	1.09E+08	-	0.014974
Gak	MmuINT0067182	chr5	1.09E+08	1.09E+08	-	0.019213
Gak	MmuINT0067183	chr5	1.09E+08	1.09E+08	-	0.027447
Gak	MmuINT0067184	chr5	1.09E+08	1.09E+08	-	0.017136
Gak	MmuINT0067185	chr5	1.09E+08	1.09E+08	-	0.188634
Gak	MmuINT0067186	chr5	1.09E+08	1.09E+08	-	0.015998
Gak	MmuINT0067187	chr5	1.09E+08	1.09E+08	-	0.015896
Gak	MmuINT0067188	chr5	1.09E+08	1.09E+08	-	0.014321
Gak	MmuINT0067189	chr5	1.09E+08	1.09E+08	-	0.012967
Gak	MmuINT0067190	chr5	1.09E+08	1.09E+08	-	0.016318
Gak	MmuINT0067191	chr5	1.09E+08	1.09E+08	-	0.014465
Gak	MmuINT0067192	chr5	1.09E+08	1.09E+08	-	0.017948
Gal3st4	MmuINT0067209	chr5	1.39E+08	1.39E+08	-	0.929022
Galc	MmuINT0067210	chr12	99495151	99497344	-	0.050691
Galc	MmuINT0067211	chr12	99460900	99465377	-	0.030763
Galc	MmuINT0067212	chr12	99454548	99460809	-	0.038448
Galc	MmuINT0067213	chr12	99452694	99454460	-	0.110427
Galc	MmuINT0067214	chr12	99451370	99452542	-	0.023312
Galc	MmuINT0067215	chr12	99447085	99451191	-	0.067087
Galc	MmuINT0067216	chr12	99445681	99446920	-	0.033121
Galc	MmuINT0067217	chr12	99442298	99445603	-	0.021939
Galc	MmuINT0067218	chr12	99494901	99495081	-	0.048736
Galc	MmuINT0067219	chr12	99492489	99494836	-	0.031174
Galc	MmuINT0067220	chr12	99490360	99492374	-	0.055295
Galc	MmuINT0067221	chr12	99484503	99490219	-	0.024329
Galc	MmuINT0067222	chr12	99480983	99484463	-	0.036981
Galc	MmuINT0067223	chr12	99472608	99480851	-	0.02137
Galc	MmuINT0067224	chr12	99469751	99472451	-	0.020724
Galc	MmuINT0067225	chr12	99465506	99469625	-	0.02697
Galk1	MmuINT0067235	chr11	1.16E+08	1.16E+08	-	0.010043
Galk1	MmuINT0067236	chr11	1.16E+08	1.16E+08	-	0.015885
Galk1	MmuINT0067237	chr11	1.16E+08	1.16E+08	-	0.028244
Galk1	MmuINT0067238	chr11	1.16E+08	1.16E+08	-	0.00901
Galk1	MmuINT0067239	chr11	1.16E+08	1.16E+08	-	0.027571
Galk1	MmuINT0067240	chr11	1.16E+08	1.16E+08	-	0.010787
Galk1	MmuINT0067241	chr11	1.16E+08	1.16E+08	-	0.01441
Galk2	MmuINT0067243	chr2	1.26E+08	1.26E+08	+	0.020667
Galk2	MmuINT0067244	chr2	1.26E+08	1.26E+08	+	0.016883
Galk2	MmuINT0067245	chr2	1.26E+08	1.26E+08	+	0.021706
Galk2	MmuINT0067246	chr2	1.26E+08	1.26E+08	+	0.019155
Galk2	MmuINT0067247	chr2	1.26E+08	1.26E+08	+	0.023256

Galk2	MmuINT0067248	chr2	1.26E+08	1.26E+08	+	0.012276
Galk2	MmuINT0067249	chr2	1.26E+08	1.26E+08	+	0.015178
Galk2	MmuINT0067250	chr2	1.26E+08	1.26E+08	+	0.040049
Galm	MmuINT0067251	chr17	80527246	80537352	+	0.008629
Galm	MmuINT0067252	chr17	80537508	80544319	+	0.007742
Galm	MmuINT0067253	chr17	80544527	80549428	+	0.004652
Galm	MmuINT0067254	chr17	80549511	80580900	+	0.011239
Galm	MmuINT0067255	chr17	80581043	80582531	+	0.047785
Galm	MmuINT0067256	chr17	80582707	80583323	+	0.239384
Galns	MmuINT0067257	chr8	1.25E+08	1.25E+08	-	0.102545
Galns	MmuINT0067258	chr8	1.25E+08	1.25E+08	-	0.119064
Galns	MmuINT0067259	chr8	1.25E+08	1.25E+08	-	0.056192
Galns	MmuINT0067260	chr8	1.25E+08	1.25E+08	-	0.087333
Galns	MmuINT0067261	chr8	1.25E+08	1.25E+08	-	0.0675
Galns	MmuINT0067262	chr8	1.25E+08	1.25E+08	-	0.05674
Galns	MmuINT0067263	chr8	1.25E+08	1.25E+08	-	0.044929
Galns	MmuINT0067264	chr8	1.25E+08	1.25E+08	-	0.068653
Galns	MmuINT0067265	chr8	1.25E+08	1.25E+08	-	0.048899
Galns	MmuINT0067268	chr8	1.25E+08	1.25E+08	-	0.050304
Galnt1	MmuINT0067272	chr18	24431303	24438444	+	0.003687
Galnt1	MmuINT0067273	chr18	24438544	24440602	+	0.003228
Galnt1	MmuINT0067274	chr18	24440738	24443210	+	0.009455
Galnt1	MmuINT0067275	chr18	24391155	24396742	+	0.013722
Galnt1	MmuINT0067276	chr18	24396987	24404550	+	0.002594
Galnt1	MmuINT0067277	chr18	24404726	24413018	+	0.002233
Galnt1	MmuINT0067278	chr18	24413186	24422825	+	0.002329
Galnt1	MmuINT0067279	chr18	24423034	24426028	+	0.002125
Galnt1	MmuINT0067280	chr18	24426200	24427948	+	0.002161
Galnt1	MmuINT0067281	chr18	24428067	24430086	+	0.002385
Galnt1	MmuINT0067282	chr18	24430268	24431162	+	0.002467
Galnt10	MmuINT0067285	chr11	57595825	57597191	+	0.04249
Galnt10	MmuINT0067286	chr11	57597342	57598071	+	0.061569
Galnt10	MmuINT0067287	chr11	57534900	57539024	+	0.037227
Galnt10	MmuINT0067288	chr11	57539164	57550479	+	0.103241
Galnt10	MmuINT0067289	chr11	57550647	57579061	+	0.026722
Galnt10	MmuINT0067290	chr11	57579248	57582993	+	0.041132
Galnt10	MmuINT0067291	chr11	57583178	57584969	+	0.025492
Galnt10	MmuINT0067292	chr11	57585088	57591132	+	0.040586
Galnt10	MmuINT0067293	chr11	57591241	57594551	+	0.037965
Galnt10	MmuINT0067294	chr11	57594774	57595707	+	0.024397
Galnt11	MmuINT0067295	chr5	24728850	24753271	+	0.038471
Galnt11	MmuINT0067296	chr5	24769303	24770779	+	0.018059
Galnt11	MmuINT0067297	chr5	24770918	24771067	+	0.015404
Galnt11	MmuINT0067298	chr5	24753605	24754653	+	0.010946
Galnt11	MmuINT0067299	chr5	24754778	24755904	+	0.012368
Galnt11	MmuINT0067300	chr5	24756072	24757841	+	0.008713
Galnt11	MmuINT0067301	chr5	24757968	24760724	+	0.015483
Galnt11	MmuINT0067302	chr5	24760975	24763210	+	0.012841
Galnt11	MmuINT0067303	chr5	24763329	24764629	+	0.007711
Galnt11	MmuINT0067304	chr5	24764783	24767752	+	0.040336



Galnt11	MmuINT0067305	chr5	24767972	24769197	+	0.020953
Galnt2	MmuINT0067341	chr8	1.27E+08	1.27E+08	+	0.016629
Galnt2	MmuINT0067342	chr8	1.27E+08	1.27E+08	+	0.018223
Galnt2	MmuINT0067343	chr8	1.27E+08	1.27E+08	+	0.015809
Galnt2	MmuINT0067344	chr8	1.27E+08	1.27E+08	+	0.012157
Galnt2	MmuINT0067345	chr8	1.27E+08	1.27E+08	+	0.022674
Galnt2	MmuINT0067346	chr8	1.27E+08	1.27E+08	+	0.019707
Galnt2	MmuINT0067347	chr8	1.27E+08	1.27E+08	+	0.008442
Galnt2	MmuINT0067348	chr8	1.27E+08	1.27E+08	+	0.007305
Galnt2	MmuINT0067349	chr8	1.27E+08	1.27E+08	+	0.007232
Galnt2	MmuINT0067350	chr8	1.27E+08	1.27E+08	+	0.009004
Galnt2	MmuINT0067351	chr8	1.27E+08	1.27E+08	+	0.012808
Galnt2	MmuINT0067352	chr8	1.27E+08	1.27E+08	+	0.014639
Galnt2	MmuINT0067353	chr8	1.27E+08	1.27E+08	+	0.011523
Galnt2	MmuINT0067354	chr8	1.27E+08	1.27E+08	+	0.018756
Galnt2	MmuINT0067355	chr8	1.27E+08	1.27E+08	+	0.009007
Galnt7	MmuINT0067387	chr8	60063025	60131649	-	0.093505
Galnt7	MmuINT0067388	chr8	60010528	60011424	-	0.04172
Galnt7	MmuINT0067389	chr8	60005049	60010398	-	0.04469
Galnt7	MmuINT0067390	chr8	60031408	60062563	-	0.042972
Galnt7	MmuINT0067395	chr8	60017006	60018816	-	0.054657
Galnt7	MmuINT0067397	chr8	60011524	60015379	-	0.043958
Galntl1	MmuINT0067412	chr12	81689573	81691581	+	0.065079
Galntl1	MmuINT0067414	chr12	81693472	81698067	+	0.071024
Galntl1	MmuINT0067415	chr12	81698210	81699004	+	0.049156
Galntl1	MmuINT0067416	chr12	81699131	81702681	+	0.074434
Galntl1	MmuINT0067417	chr12	81673444	81676845	+	0.040699
Galntl2	MmuINT0067425	chr14	32843218	32853541	+	0.050452
Galntl2	MmuINT0067426	chr14	32853709	32856274	+	0.060037
Galntl2	MmuINT0067427	chr14	32856480	32859482	+	0.081479
Galntl2	MmuINT0067428	chr14	32859648	32861229	+	0.039377
Galntl2	MmuINT0067429	chr14	32861348	32863007	+	0.08426
Galntl2	MmuINT0067430	chr14	32863203	32865483	+	0.036975
Galntl2	MmuINT0067431	chr14	32865616	32865970	+	0.115624
Galntl2	MmuINT0067432	chr14	32866076	32869449	+	0.430341
Galntl2	MmuINT0067433	chr14	32869594	32871331	+	0.012874
Galntl4	MmuINT0067434	chr7	1.19E+08	1.19E+08	-	0.02072
Galntl4	MmuINT0067435	chr7	1.19E+08	1.19E+08	-	0.044956
Galntl4	MmuINT0067436	chr7	1.19E+08	1.19E+08	-	0.022843
Galntl4	MmuINT0067437	chr7	1.19E+08	1.19E+08	-	0.01956
Galntl4	MmuINT0067438	chr7	1.19E+08	1.19E+08	-	0.028308
Galntl4	MmuINT0067439	chr7	1.19E+08	1.19E+08	-	0.016456
Galntl4	MmuINT0067441	chr7	1.19E+08	1.19E+08	-	0.01927
Galntl4	MmuINT0067442	chr7	1.19E+08	1.19E+08	-	0.021436
Galntl4	MmuINT0067443	chr7	1.19E+08	1.19E+08	-	0.017289
Galt	MmuINT0067471	chr4	41702526	41702833	+	0.207887
Galt	MmuINT0067473	chr4	41703004	41703219	+	0.062609
Galt	MmuINT0067474	chr4	41703296	41703385	+	0.018092
Galt	MmuINT0067475	chr4	41703435	41703554	+	0.164163
Galt	MmuINT0067476	chr4	41703685	41703811	+	0.049572

Galt	MmuINT0067477	chr4	41703869	41704028	+	0.011318
Galt	MmuINT0067478	chr4	41704152	41704332	+	0.012515
Galt	MmuINT0067479	chr4	41704466	41704567	+	0.011551
Gamt	MmuINT0067481	chr10	79722659	79723465	-	0.019917
Gamt	MmuINT0067482	chr10	79722410	79722512	-	0.023461
Gamt	MmuINT0067483	chr10	79721990	79722345	-	0.042456
Gamt	MmuINT0067484	chr10	79721796	79721921	-	0.034917
Gamt	MmuINT0067485	chr10	79721203	79721684	-	0.090067
Gan	MmuINT0067489	chr8	1.2E+08	1.2E+08	+	0.052553
Ganab	MmuINT0067496	chr19	8972650	8976753	+	0.064411
Ganab	MmuINT0067497	chr19	8984104	8984955	+	0.006284
Ganab	MmuINT0067498	chr19	8985110	8985197	+	0.006429
Ganab	MmuINT0067499	chr19	8985434	8985524	+	0.009194
Ganab	MmuINT0067500	chr19	8985652	8985766	+	0.01294
Ganab	MmuINT0067501	chr19	8985847	8986085	+	0.020268
Ganab	MmuINT0067502	chr19	8986230	8986353	+	0.034779
Ganab	MmuINT0067503	chr19	8986451	8986963	+	0.038593
Ganab	MmuINT0067504	chr19	8987066	8987200	+	0.03245
Ganab	MmuINT0067505	chr19	8987445	8988790	+	0.043874
Ganab	MmuINT0067506	chr19	8988856	8989031	+	0.060425
Ganab	MmuINT0067507	chr19	8976859	8977011	+	0.008846
Ganab	MmuINT0067508	chr19	8989109	8989191	+	0.013705
Ganab	MmuINT0067509	chr19	8989267	8989414	+	0.011013
Ganab	MmuINT0067510	chr19	8989529	8989647	+	0.008641
Ganab	MmuINT0067511	chr19	8989761	8989893	+	0.007065
Ganab	MmuINT0067512	chr19	8989995	8990114	+	0.005486
Ganab	MmuINT0067513	chr19	8977121	8979424	+	0.027503
Ganab	MmuINT0067514	chr19	8979553	8981704	+	0.00944
Ganab	MmuINT0067515	chr19	8981885	8982340	+	0.258017
Ganab	MmuINT0067516	chr19	8982407	8983167	+	0.235655
Ganab	MmuINT0067517	chr19	8983238	8983410	+	0.011636
Ganab	MmuINT0067518	chr19	8983499	8983580	+	0.009254
Ganab	MmuINT0067519	chr19	8983678	8983922	+	0.025326
Ganc	MmuINT0067520	chr2	1.2E+08	1.2E+08	+	0.023045
Ganc	MmuINT0067521	chr2	1.2E+08	1.2E+08	+	0.018933
Ganc	MmuINT0067522	chr2	1.2E+08	1.2E+08	+	0.023074
Ganc	MmuINT0067523	chr2	1.2E+08	1.2E+08	+	0.030976
Ganc	MmuINT0067524	chr2	1.2E+08	1.2E+08	+	0.025168
Ganc	MmuINT0067525	chr2	1.2E+08	1.2E+08	+	0.015446
Ganc	MmuINT0067526	chr2	1.2E+08	1.2E+08	+	0.023845
Ganc	MmuINT0067527	chr2	1.2E+08	1.2E+08	+	0.021016
Ganc	MmuINT0067528	chr2	1.2E+08	1.2E+08	+	0.031036
Ganc	MmuINT0067529	chr2	1.2E+08	1.2E+08	+	0.030072
Ganc	MmuINT0067530	chr2	1.2E+08	1.2E+08	+	0.066665
Ganc	MmuINT0067531	chr2	1.2E+08	1.2E+08	+	0.015238
Ganc	MmuINT0067532	chr2	1.2E+08	1.2E+08	+	0.045518
Ganc	MmuINT0067533	chr2	1.2E+08	1.2E+08	+	0.066378
Ganc	MmuINT0067534	chr2	1.2E+08	1.2E+08	+	0.041121
Ganc	MmuINT0067535	chr2	1.2E+08	1.2E+08	+	0.024592
Ganc	MmuINT0067536	chr2	1.2E+08	1.2E+08	+	0.04492

Ganc	MmuINT0067537	chr2	1.2E+08	1.2E+08	+	0.022913
Ganc	MmuINT0067538	chr2	1.2E+08	1.2E+08	+	0.433776
Ganc	MmuINT0067539	chr2	1.2E+08	1.2E+08	+	0.123105
Ganc	MmuINT0067540	chr2	1.2E+08	1.2E+08	+	0.042417
Ganc	MmuINT0067541	chr2	1.2E+08	1.2E+08	+	0.024647
Ganc	MmuINT0067542	chr2	1.2E+08	1.2E+08	+	0.037887
Gapdhs	MmuINT0067557	chr7	31517713	31518070	-	0.935914
Gapdhs	MmuINT0067558	chr7	31517367	31517630	-	0.974122
Gapvd1	MmuINT0067564	chr2	34567859	34570724	-	0.037411
Gapvd1	MmuINT0067565	chr2	34564773	34567684	-	0.009067
Gapvd1	MmuINT0067566	chr2	34562353	34564631	-	0.014535
Gapvd1	MmuINT0067567	chr2	34561660	34562217	-	0.013576
Gapvd1	MmuINT0067568	chr2	34560234	34561539	-	0.013322
Gapvd1	MmuINT0067569	chr2	34560051	34560155	-	0.014351
Gapvd1	MmuINT0067570	chr2	34556371	34559685	-	0.016723
Gapvd1	MmuINT0067571	chr2	34555427	34556282	-	0.050724
Gapvd1	MmuINT0067572	chr2	34551129	34555345	-	0.038929
Gapvd1	MmuINT0067573	chr2	34549023	34551005	-	0.018408
Gapvd1	MmuINT0067574	chr2	34586201	34609785	-	0.02264
Gapvd1	MmuINT0067575	chr2	34546736	34548892	-	0.020844
Gapvd1	MmuINT0067576	chr2	34546142	34546625	-	0.018041
Gapvd1	MmuINT0067577	chr2	34544566	34545981	-	0.009359
Gapvd1	MmuINT0067578	chr2	34539916	34544377	-	0.014012
Gapvd1	MmuINT0067579	chr2	34537228	34539701	-	0.021339
Gapvd1	MmuINT0067580	chr2	34534151	34537154	-	0.028462
Gapvd1	MmuINT0067581	chr2	34533698	34533952	-	0.012946
Gapvd1	MmuINT0067582	chr2	34584695	34585982	-	0.02566
Gapvd1	MmuINT0067583	chr2	34582823	34583850	-	0.018584
Gapvd1	MmuINT0067584	chr2	34581034	34582735	-	0.021551
Gapvd1	MmuINT0067585	chr2	34580753	34580898	-	0.017055
Gapvd1	MmuINT0067586	chr2	34576249	34580562	-	0.014689
Gapvd1	MmuINT0067587	chr2	34572903	34576087	-	0.017717
Gapvd1	MmuINT0067588	chr2	34570851	34572835	-	0.560491
Gar1	MmuINT0067589	chr3	1.3E+08	1.3E+08	-	0.069974
Gar1	MmuINT0067590	chr3	1.3E+08	1.3E+08	-	0.039799
Gar1	MmuINT0067591	chr3	1.3E+08	1.3E+08	-	0.050586
Gar1	MmuINT0067592	chr3	1.3E+08	1.3E+08	-	0.059505
Garnl3	MmuINT0067614	chr2	32845153	32846083	-	0.049153
Gars	MmuINT0067623	chr6	54988228	54996407	+	0.004119
Gars	MmuINT0067624	chr6	55015607	55018054	+	0.002833
Gars	MmuINT0067625	chr6	55018163	55019334	+	0.002411
Gars	MmuINT0067626	chr6	55019481	55023332	+	0.004379
Gars	MmuINT0067627	chr6	55023419	55025375	+	0.007912
Gars	MmuINT0067628	chr6	55025486	55026948	+	0.011417
Gars	MmuINT0067629	chr6	55027043	55027576	+	0.010097
Gars	MmuINT0067630	chr6	55027768	55029213	+	0.003619
Gars	MmuINT0067631	chr6	54996510	54998060	+	0.003649
Gars	MmuINT0067632	chr6	54998164	55000313	+	0.004753
Gars	MmuINT0067633	chr6	55000456	55002169	+	0.003116
Gars	MmuINT0067634	chr6	55002259	55003122	+	0.005194

Gars	MmuINT0067635	chr6	55003200	55005743	+	0.003677
Gars	MmuINT0067636	chr6	55005890	55010902	+	0.004432
Gars	MmuINT0067637	chr6	55011053	55013084	+	0.003062
Gars	MmuINT0067638	chr6	55013248	55015441	+	0.002871
Gart	MmuINT0067639	chr16	91643392	91647128	-	0.02468
Gart	MmuINT0067640	chr16	91634352	91636238	-	0.008749
Gart	MmuINT0067641	chr16	91631317	91634119	-	0.286529
Gart	MmuINT0067642	chr16	91630961	91631221	-	0.00906
Gart	MmuINT0067643	chr16	91630487	91630850	-	0.007793
Gart	MmuINT0067644	chr16	91628919	91630287	-	0.012629
Gart	MmuINT0067645	chr16	91628425	91628666	-	0.005476
Gart	MmuINT0067646	chr16	91625766	91628271	-	0.049158
Gart	MmuINT0067647	chr16	91624710	91625558	-	0.014489
Gart	MmuINT0067648	chr16	91623747	91624571	-	0.014795
Gart	MmuINT0067649	chr16	91623280	91623615	-	0.024337
Gart	MmuINT0067650	chr16	91641935	91643201	-	0.005237
Gart	MmuINT0067651	chr16	91622208	91623137	-	0.018189
Gart	MmuINT0067652	chr16	91621994	91622091	-	0.007649
Gart	MmuINT0067653	chr16	91641632	91641838	-	0.004365
Gart	MmuINT0067654	chr16	91639697	91641456	-	0.006683
Gart	MmuINT0067655	chr16	91639041	91639584	-	0.011672
Gart	MmuINT0067656	chr16	91638301	91638971	-	0.01173
Gart	MmuINT0067657	chr16	91637325	91638174	-	0.012499
Gart	MmuINT0067658	chr16	91636838	91637236	-	0.011043
Gart	MmuINT0067659	chr16	91636408	91636751	-	0.006901
Gas2	MmuINT0067661	chr7	59143447	59152620	+	0.056708
Gas2	MmuINT0067662	chr7	59152743	59181772	+	0.05155
Gas2	MmuINT0067665	chr7	59199162	59208563	+	0.068848
Gas2	MmuINT0067666	chr7	59208672	59248660	+	0.052339
Gas2l1	MmuINT0067671	chr11	4964482	4964839	-	0.747818
Gas2l1	MmuINT0067672	chr11	4962705	4963828	-	0.023156
Gas2l1	MmuINT0067673	chr11	4962515	4962596	-	0.020038
Gas2l1	MmuINT0067674	chr11	4962330	4962417	-	0.027174
Gas5	MmuINT0067690	chr1	1.63E+08	1.63E+08	+	0.052932
Gas5	MmuINT0067691	chr1	1.63E+08	1.63E+08	+	0.022913
Gas5	MmuINT0067692	chr1	1.63E+08	1.63E+08	+	0.031218
Gas6	MmuINT0067693	chr8	13494013	13494260	-	0.00283
Gas6	MmuINT0067694	chr8	13471614	13474656	-	0.005051
Gas6	MmuINT0067695	chr8	13470388	13471448	-	0.0279
Gas6	MmuINT0067696	chr8	13468365	13470218	-	0.01505
Gas6	MmuINT0067697	chr8	13466856	13468191	-	0.014468
Gas6	MmuINT0067698	chr8	13465901	13466626	-	0.00615
Gas6	MmuINT0067699	chr8	13485696	13493845	-	0.005112
Gas6	MmuINT0067700	chr8	13483737	13485670	-	0.017493
Gas6	MmuINT0067701	chr8	13479130	13483673	-	0.017797
Gas6	MmuINT0067702	chr8	13478375	13479006	-	0.00998
Gas6	MmuINT0067703	chr8	13477167	13478251	-	0.043871
Gas6	MmuINT0067704	chr8	13476234	13477043	-	0.010414
Gas6	MmuINT0067705	chr8	13475158	13476111	-	0.010577
Gas6	MmuINT0067706	chr8	13474847	13475038	-	0.014428

Gas7	MmuINT0067708	chr11	67487869	67489100	+	0.122977
Gas7	MmuINT0067711	chr11	67496236	67496839	+	0.046492
Gas7	MmuINT0067719	chr11	67484175	67487739	+	0.074862
Gas8	MmuINT0067721	chr8	1.26E+08	1.26E+08	+	0.054509
Gas8	MmuINT0067722	chr8	1.26E+08	1.26E+08	+	0.216336
Gas8	MmuINT0067723	chr8	1.26E+08	1.26E+08	+	0.03659
Gas8	MmuINT0067724	chr8	1.26E+08	1.26E+08	+	0.048806
Gas8	MmuINT0067725	chr8	1.26E+08	1.26E+08	+	0.047068
Gas8	MmuINT0067726	chr8	1.26E+08	1.26E+08	+	0.057498
Gas8	MmuINT0067727	chr8	1.26E+08	1.26E+08	+	0.023898
Gas8	MmuINT0067728	chr8	1.26E+08	1.26E+08	+	0.053563
Gas8	MmuINT0067729	chr8	1.26E+08	1.26E+08	+	0.047813
Gas8	MmuINT0067730	chr8	1.26E+08	1.26E+08	+	0.046388
Gata2	MmuINT0067738	chr6	88148876	88149510	+	0.093491
Gata2	MmuINT0067739	chr6	88149784	88150212	+	0.062331
Gata2	MmuINT0067740	chr6	88150855	88152412	+	0.046873
Gata2	MmuINT0067741	chr6	88152559	88154576	+	0.082562
Gata2	MmuINT0067742	chr6	88154703	88155188	+	0.073756
Gata4	MmuINT0067748	chr14	63860483	63863987	-	0.004773
Gata4	MmuINT0067749	chr14	63823593	63859372	-	0.010005
Gata4	MmuINT0067750	chr14	63822622	63823425	-	0.00597
Gata4	MmuINT0067751	chr14	63822236	63822495	-	0.003846
Gata4	MmuINT0067752	chr14	63820470	63822147	-	0.010781
Gata4	MmuINT0067753	chr14	63819389	63820314	-	0.045808
Gata6	MmuINT0067759	chr18	11052742	11054033	+	0.053158
Gata6	MmuINT0067760	chr18	11055188	11059049	+	0.00516
Gata6	MmuINT0067761	chr18	11059217	11063015	+	0.004033
Gata6	MmuINT0067762	chr18	11063142	11064507	+	0.00827
Gata6	MmuINT0067763	chr18	11064596	11064685	+	0.002673
Gata6	MmuINT0067764	chr18	11064790	11084312	+	0.005642
Gatad1	MmuINT0067765	chr5	3646910	3647379	-	0.003345
Gatad1	MmuINT0067766	chr5	3644941	3646783	-	0.001368
Gatad1	MmuINT0067767	chr5	3643742	3644880	-	0.002082
Gatad1	MmuINT0067768	chr5	3641581	3643557	-	0.033521
Gatad2a	MmuINT0067770	chr8	72436138	72436821	-	0.186282
Gatad2a	MmuINT0067771	chr8	72435769	72436062	-	0.109121
Gatad2a	MmuINT0067772	chr8	72433874	72435575	-	0.031517
Gatad2a	MmuINT0067773	chr8	72459936	72474551	-	0.011036
Gatad2a	MmuINT0067774	chr8	72441978	72459677	-	0.011456
Gatad2a	MmuINT0067775	chr8	72441754	72441844	-	0.013701
Gatad2a	MmuINT0067776	chr8	72441432	72441621	-	0.014152
Gatad2a	MmuINT0067777	chr8	72440600	72441341	-	0.011221
Gatad2a	MmuINT0067778	chr8	72438698	72440182	-	0.016133
Gatad2a	MmuINT0067779	chr8	72437124	72438417	-	0.037588
Gatad2b	MmuINT0067782	chr3	90145917	90152488	+	0.018174
Gatad2b	MmuINT0067783	chr3	90152619	90153276	+	0.020198
Gatad2b	MmuINT0067784	chr3	90153409	90154308	+	0.01747
Gatad2b	MmuINT0067785	chr3	90154441	90155325	+	0.015633
Gatad2b	MmuINT0067786	chr3	90155497	90155735	+	0.013204
Gatad2b	MmuINT0067787	chr3	90156052	90158229	+	0.018557

Gatad2b	MmuINT0067788	chr3	90158433	90159596	+	0.031671
Gatad2b	MmuINT0067789	chr3	90159708	90160052	+	0.018158
Gatad2b	MmuINT0067790	chr3	90160171	90161790	+	0.064355
Gatc	MmuINT0067791	chr5	1.16E+08	1.16E+08	-	0.052893
Gatc	MmuINT0067792	chr5	1.16E+08	1.16E+08	-	0.081766
Gatm	MmuINT0067793	chr2	1.22E+08	1.22E+08	-	0.082487
Gatm	MmuINT0067794	chr2	1.22E+08	1.22E+08	-	0.030456
Gatm	MmuINT0067796	chr2	1.22E+08	1.22E+08	-	0.043953
Gatm	MmuINT0067798	chr2	1.22E+08	1.22E+08	-	0.108225
Gatm	MmuINT0067799	chr2	1.22E+08	1.22E+08	-	0.040538
Gatm	MmuINT0067800	chr2	1.22E+08	1.22E+08	-	0.049831
Gatsl2	MmuINT0067805	chr5	1.35E+08	1.35E+08	+	0.023318
Gatsl3	MmuINT0067809	chr11	4118430	4118950	+	0.086107
Gatsl3	MmuINT0067810	chr11	4119022	4120110	+	0.091022
Gatsl3	MmuINT0067811	chr11	4120296	4120377	+	0.184804
Gatsl3	MmuINT0067812	chr11	4120511	4120685	+	0.134378
Gatsl3	MmuINT0067813	chr11	4120810	4121148	+	0.097091
Gatsl3	MmuINT0067814	chr11	4121263	4121426	+	0.137278
Gatsl3	MmuINT0067815	chr11	4121510	4121603	+	0.100294
Gatsl3	MmuINT0067816	chr11	4121699	4121845	+	0.03102
Gba	MmuINT0067819	chr3	89011910	89012233	+	0.017263
Gba	MmuINT0067821	chr3	89007464	89007906	+	0.024145
Gba	MmuINT0067822	chr3	89008099	89008196	+	0.027891
Gba	MmuINT0067823	chr3	89008344	89009368	+	0.049699
Gba	MmuINT0067824	chr3	89009503	89009713	+	0.019433
Gba	MmuINT0067825	chr3	89009887	89010055	+	0.091158
Gba	MmuINT0067826	chr3	89010291	89011148	+	0.156818
Gba	MmuINT0067827	chr3	89011374	89011745	+	0.089698
Gba2	MmuINT0067828	chr4	43586992	43590887	-	0.037352
Gba2	MmuINT0067829	chr4	43581866	43582052	-	0.103925
Gba2	MmuINT0067830	chr4	43581679	43581757	-	0.083504
Gba2	MmuINT0067831	chr4	43581417	43581526	-	0.037727
Gba2	MmuINT0067832	chr4	43581211	43581309	-	0.119786
Gba2	MmuINT0067833	chr4	43580988	43581067	-	0.040979
Gba2	MmuINT0067834	chr4	43580789	43580871	-	0.089176
Gba2	MmuINT0067835	chr4	43580340	43580596	-	0.180113
Gba2	MmuINT0067836	chr4	43586739	43586899	-	0.042505
Gba2	MmuINT0067837	chr4	43584280	43586622	-	0.049999
Gba2	MmuINT0067838	chr4	43583784	43584060	-	0.054593
Gba2	MmuINT0067839	chr4	43583321	43583543	-	0.065043
Gba2	MmuINT0067840	chr4	43583063	43583217	-	0.329871
Gba2	MmuINT0067841	chr4	43582828	43582908	-	0.027584
Gba2	MmuINT0067842	chr4	43582534	43582701	-	0.195052
Gba2	MmuINT0067843	chr4	43582158	43582360	-	0.122749
Gbas	MmuINT0067844	chr5	1.3E+08	1.3E+08	+	0.000361
Gbas	MmuINT0067845	chr5	1.3E+08	1.3E+08	+	0.000317
Gbas	MmuINT0067846	chr5	1.3E+08	1.3E+08	+	0.001248
Gbas	MmuINT0067847	chr5	1.3E+08	1.3E+08	+	0.000634
Gbas	MmuINT0067848	chr5	1.3E+08	1.3E+08	+	0.000272
Gbas	MmuINT0067849	chr5	1.3E+08	1.3E+08	+	0.000595

Gbas	MmuINT0067850	chr5	1.3E+08	1.3E+08	+	0.004377
Gbas	MmuINT0067851	chr5	1.3E+08	1.3E+08	+	0.014537
Gbas	MmuINT0067852	chr5	1.3E+08	1.3E+08	+	0.001584
Gbe1	MmuINT0067853	chr16	70314541	70361102	+	0.004948
Gbe1	MmuINT0067854	chr16	70488372	70492178	+	0.003487
Gbe1	MmuINT0067855	chr16	70492290	70495472	+	0.003804
Gbe1	MmuINT0067856	chr16	70495645	70527361	+	0.003485
Gbe1	MmuINT0067857	chr16	70527547	70529124	+	0.002422
Gbe1	MmuINT0067858	chr16	70529256	70561268	+	0.003207
Gbe1	MmuINT0067859	chr16	70561387	70569233	+	0.00305
Gbe1	MmuINT0067860	chr16	70361273	70401978	+	0.003639
Gbe1	MmuINT0067861	chr16	70402095	70433789	+	0.00489
Gbe1	MmuINT0067862	chr16	70433916	70434758	+	0.005035
Gbe1	MmuINT0067863	chr16	70434895	70437172	+	0.005177
Gbe1	MmuINT0067864	chr16	70437264	70441354	+	0.005997
Gbe1	MmuINT0067865	chr16	70441565	70478550	+	0.005799
Gbe1	MmuINT0067866	chr16	70478667	70484065	+	0.004696
Gbe1	MmuINT0067867	chr16	70484194	70488272	+	0.004463
Gbf1	MmuINT0067868	chr19	46227283	46238009	+	0.014571
Gbf1	MmuINT0067869	chr19	46334287	46335202	+	0.052634
Gbf1	MmuINT0067870	chr19	46335369	46336110	+	0.010579
Gbf1	MmuINT0067871	chr19	46336323	46336923	+	0.013814
Gbf1	MmuINT0067872	chr19	46337023	46339268	+	0.015817
Gbf1	MmuINT0067873	chr19	46339464	46339667	+	0.00743
Gbf1	MmuINT0067874	chr19	46339858	46340076	+	0.012901
Gbf1	MmuINT0067875	chr19	46340218	46340514	+	0.016179
Gbf1	MmuINT0067876	chr19	46340604	46341692	+	0.011414
Gbf1	MmuINT0067877	chr19	46341896	46342482	+	0.008605
Gbf1	MmuINT0067878	chr19	46342607	46342880	+	0.015281
Gbf1	MmuINT0067879	chr19	46238116	46245146	+	0.021504
Gbf1	MmuINT0067880	chr19	46343007	46343268	+	0.010931
Gbf1	MmuINT0067881	chr19	46343352	46344234	+	0.013808
Gbf1	MmuINT0067882	chr19	46344472	46344747	+	0.010219
Gbf1	MmuINT0067883	chr19	46344842	46345163	+	0.01027
Gbf1	MmuINT0067884	chr19	46345341	46346044	+	0.010504
Gbf1	MmuINT0067885	chr19	46346110	46346196	+	0.011303
Gbf1	MmuINT0067886	chr19	46346321	46346475	+	0.014432
Gbf1	MmuINT0067887	chr19	46346548	46346664	+	0.015234
Gbf1	MmuINT0067888	chr19	46346760	46346990	+	0.013139
Gbf1	MmuINT0067889	chr19	46347145	46353699	+	0.025466
Gbf1	MmuINT0067890	chr19	46245214	46320578	+	0.013102
Gbf1	MmuINT0067891	chr19	46353926	46354401	+	0.026934
Gbf1	MmuINT0067892	chr19	46354563	46354666	+	0.010458
Gbf1	MmuINT0067893	chr19	46354914	46355027	+	0.010217
Gbf1	MmuINT0067894	chr19	46355234	46357524	+	0.153632
Gbf1	MmuINT0067895	chr19	46357676	46357809	+	0.026483
Gbf1	MmuINT0067896	chr19	46357941	46358111	+	0.012513
Gbf1	MmuINT0067897	chr19	46358214	46358494	+	0.037642
Gbf1	MmuINT0067898	chr19	46358609	46358739	+	0.028149
Gbf1	MmuINT0067899	chr19	46358921	46359194	+	0.039686

Gbf1	MmuINT0067900	chr19	46359324	46360149	+	0.01906
Gbf1	MmuINT0067901	chr19	46320711	46326603	+	0.014415
Gbf1	MmuINT0067902	chr19	46326723	46328476	+	0.015509
Gbf1	MmuINT0067903	chr19	46328586	46329046	+	0.018274
Gbf1	MmuINT0067904	chr19	46329108	46330142	+	0.019293
Gbf1	MmuINT0067905	chr19	46330198	46333593	+	0.017952
Gbf1	MmuINT0067906	chr19	46333742	46334062	+	0.0146
Gbp2	MmuINT0067943	chr3	1.42E+08	1.42E+08	+	0.038112
Gbp2	MmuINT0067944	chr3	1.42E+08	1.42E+08	+	0.055488
Gbp2	MmuINT0067945	chr3	1.42E+08	1.42E+08	+	0.019626
Gbp2	MmuINT0067948	chr3	1.42E+08	1.42E+08	+	0.013781
Gbp2	MmuINT0067949	chr3	1.42E+08	1.42E+08	+	0.033422
Gbp2	MmuINT0067950	chr3	1.42E+08	1.42E+08	+	0.011669
Gbp2	MmuINT0067951	chr3	1.42E+08	1.42E+08	+	0.039705
Gbp2	MmuINT0067952	chr3	1.42E+08	1.42E+08	+	0.021153
Gbp3	MmuINT0067954	chr3	1.42E+08	1.42E+08	+	0.009967
Gbp3	MmuINT0067955	chr3	1.42E+08	1.42E+08	+	0.023652
Gbp3	MmuINT0067956	chr3	1.42E+08	1.42E+08	+	0.026568
Gbp3	MmuINT0067957	chr3	1.42E+08	1.42E+08	+	0.033763
Gbp3	MmuINT0067958	chr3	1.42E+08	1.42E+08	+	0.025987
Gbp3	MmuINT0067959	chr3	1.42E+08	1.42E+08	+	0.147509
Gbp3	MmuINT0067960	chr3	1.42E+08	1.42E+08	+	0.109717
Gbp3	MmuINT0067961	chr3	1.42E+08	1.42E+08	+	0.070601
Gbp3	MmuINT0067962	chr3	1.42E+08	1.42E+08	+	0.022471
Gbp4	MmuINT0067964	chr5	1.06E+08	1.06E+08	-	0.111625
Gbp4	MmuINT0067965	chr5	1.06E+08	1.06E+08	-	0.131977
Gbp4	MmuINT0067969	chr5	1.06E+08	1.06E+08	-	0.021281
Gbp5	MmuINT0067974	chr3	1.42E+08	1.42E+08	+	0.08304
Gbp5	MmuINT0067976	chr3	1.42E+08	1.42E+08	+	0.114242
Gbp5	MmuINT0067978	chr3	1.42E+08	1.42E+08	+	0.083901
Gbp5	MmuINT0067979	chr3	1.42E+08	1.42E+08	+	0.040176
Gbp5	MmuINT0067980	chr3	1.42E+08	1.42E+08	+	0.048359
Gbp5	MmuINT0067981	chr3	1.42E+08	1.42E+08	+	0.053474
Gbp5	MmuINT0067982	chr3	1.42E+08	1.42E+08	+	0.024216
Gbp6	MmuINT0067984	chr3	1.42E+08	1.42E+08	+	0.022386
Gbp6	MmuINT0067985	chr3	1.42E+08	1.42E+08	+	0.038875
Gbp6	MmuINT0067986	chr3	1.42E+08	1.42E+08	+	0.052986
Gbp6	MmuINT0067989	chr3	1.42E+08	1.42E+08	+	0.046378
Gbp9	MmuINT0068007	chr5	1.06E+08	1.06E+08	-	0.011169
Gbp9	MmuINT0068008	chr5	1.06E+08	1.06E+08	-	0.478124
Gc	MmuINT0068014	chr5	89855195	89863975	-	0.008617
Gc	MmuINT0068015	chr5	89851142	89855061	-	0.032206
Gc	MmuINT0068016	chr5	89846714	89851082	-	0.021788
Gc	MmuINT0068022	chr5	89867474	89868557	-	0.022521
Gc	MmuINT0068023	chr5	89864674	89867270	-	0.025189
Gc	MmuINT0068024	chr5	89864074	89864543	-	0.021722
Gca	MmuINT0068025	chr2	62502517	62510333	+	0.013197
Gca	MmuINT0068026	chr2	62510508	62517212	+	0.014942
Gca	MmuINT0068027	chr2	62517283	62524021	+	0.051488
Gca	MmuINT0068028	chr2	62524066	62524333	+	0.057366



Gca	MmuINT0068029	chr2	62524482	62528017	+	0.012133
Gca	MmuINT0068030	chr2	62528132	62528447	+	0.011579
Gca	MmuINT0068031	chr2	62528507	62529620	+	0.014365
Gcap14	MmuINT0068032	chr14	37754451	37781727	-	0.047838
Gcap14	MmuINT0068034	chr14	37751967	37752997	-	0.020217
Gcap14	MmuINT0068038	chr14	37731783	37740024	-	0.035997
Gcap14	MmuINT0068039	chr14	37722399	37731619	-	0.002963
Gcap14	MmuINT0068040	chr14	37714032	37722202	-	0.002381
Gcap14	MmuINT0068041	chr14	37711437	37713947	-	0.002592
Gcap14	MmuINT0068043	chr14	37692949	37709440	-	0.208196
Gcat	MmuINT0068044	chr15	78861551	78864360	+	0.008803
Gcat	MmuINT0068045	chr15	78864492	78865389	+	0.01149
Gcat	MmuINT0068046	chr15	78865492	78865686	+	0.009178
Gcat	MmuINT0068047	chr15	78865834	78866206	+	0.012364
Gcat	MmuINT0068048	chr15	78866362	78866449	+	0.013241
Gcat	MmuINT0068049	chr15	78866533	78866696	+	0.012587
Gcat	MmuINT0068050	chr15	78866869	78867182	+	0.01041
Gcat	MmuINT0068051	chr15	78867305	78867572	+	0.012655
Gcc1	MmuINT0068052	chr6	28369301	28370284	-	0.019449
Gcc2	MmuINT0068054	chr10	57739446	57741534	+	0.021174
Gcc2	MmuINT0068055	chr10	57741700	57743339	+	0.022153
Gcc2	MmuINT0068056	chr10	57743445	57744104	+	0.033856
Gcc2	MmuINT0068057	chr10	57744268	57748690	+	0.031801
Gcc2	MmuINT0068058	chr10	57748792	57748880	+	0.031964
Gcc2	MmuINT0068059	chr10	57748959	57749889	+	0.032575
Gcc2	MmuINT0068060	chr10	57750028	57751380	+	0.031615
Gcc2	MmuINT0068061	chr10	57751503	57753047	+	0.021213
Gcc2	MmuINT0068062	chr10	57753225	57755312	+	0.020511
Gcc2	MmuINT0068063	chr10	57755531	57757458	+	0.019909
Gcc2	MmuINT0068065	chr10	57757654	57758835	+	0.015232
Gcc2	MmuINT0068066	chr10	57758988	57761411	+	0.103373
Gcc2	MmuINT0068067	chr10	57761614	57766841	+	0.017317
Gcc2	MmuINT0068070	chr10	57730820	57732009	+	0.034121
Gcc2	MmuINT0068071	chr10	57734455	57735080	+	0.037321
Gcc2	MmuINT0068072	chr10	57735154	57737483	+	0.051079
Gcc2	MmuINT0068073	chr10	57737585	57737683	+	0.02835
Gcc2	MmuINT0068074	chr10	57737783	57739325	+	0.02328
Gcdh	MmuINT0068075	chr8	87417584	87417640	-	0.437299
Gcdh	MmuINT0068076	chr8	87410953	87412425	-	0.004184
Gcdh	MmuINT0068077	chr8	87417064	87417346	-	0.009274
Gcdh	MmuINT0068078	chr8	87416793	87416919	-	0.008382
Gcdh	MmuINT0068079	chr8	87416472	87416729	-	0.013808
Gcdh	MmuINT0068080	chr8	87415042	87416300	-	0.00681
Gcdh	MmuINT0068081	chr8	87414827	87414911	-	0.016536
Gcdh	MmuINT0068082	chr8	87413585	87414609	-	0.010757
Gcdh	MmuINT0068083	chr8	87413287	87413480	-	0.003712
Gcdh	MmuINT0068084	chr8	87412587	87413160	-	0.001723
Gcfc1	MmuINT0068091	chr16	91042927	91044250	-	0.030993
Gcfc1	MmuINT0068092	chr16	91025941	91027274	-	0.013228
Gcfc1	MmuINT0068093	chr16	91025537	91025740	-	0.008049

Gcfc1	MmuINT0068095	chr16	91022991	91023582	-	0.01357
Gcfc1	MmuINT0068096	chr16	91022363	91022913	-	0.026265
Gcfc1	MmuINT0068097	chr16	91019555	91022295	-	0.016653
Gcfc1	MmuINT0068098	chr16	91017246	91019407	-	0.028656
Gcfc1	MmuINT0068099	chr16	91015424	91017090	-	0.011845
Gcfc1	MmuINT0068100	chr16	91037664	91042797	-	0.013889
Gcfc1	MmuINT0068101	chr16	91036935	91037486	-	0.013237
Gcfc1	MmuINT0068102	chr16	91036268	91036712	-	0.016046
Gcfc1	MmuINT0068103	chr16	91035263	91036163	-	0.013946
Gcfc1	MmuINT0068104	chr16	91034533	91035044	-	0.375396
Gcfc1	MmuINT0068105	chr16	91030802	91034342	-	0.427943
Gcfc1	MmuINT0068106	chr16	91027575	91030677	-	0.51693
Gcfc1	MmuINT0068107	chr16	91027391	91027474	-	0.026595
Gch1	MmuINT0068126	chr14	47788997	47808626	-	0.024583
Gch1	MmuINT0068127	chr14	47786207	47788886	-	0.0298
Gch1	MmuINT0068128	chr14	47778570	47786150	-	0.03265
Gch1	MmuINT0068129	chr14	47777169	47778537	-	0.040103
Gch1	MmuINT0068130	chr14	47775600	47777083	-	0.025893
Gchfr	MmuINT0068131	chr2	1.19E+08	1.19E+08	+	0.012353
Gchfr	MmuINT0068132	chr2	1.19E+08	1.19E+08	+	0.009242
Gck	MmuINT0068134	chr11	5810436	5810864	-	0.350186
Gck	MmuINT0068135	chr11	5809206	5810280	-	0.083146
Gck	MmuINT0068136	chr11	5806782	5809085	-	0.020743
Gck	MmuINT0068137	chr11	5806580	5806685	-	0.010897
Gck	MmuINT0068138	chr11	5804548	5806479	-	0.048274
Gck	MmuINT0068139	chr11	5803259	5804363	-	0.326163
Gck	MmuINT0068140	chr11	5802322	5803102	-	0.171634
Gck	MmuINT0068141	chr11	5801818	5802087	-	0.123547
Gclc	MmuINT0068160	chr9	77602767	77622885	+	0.03015
Gclc	MmuINT0068161	chr9	77635197	77635613	+	0.071538
Gclc	MmuINT0068162	chr9	77635707	77635994	+	0.068078
Gclc	MmuINT0068163	chr9	77636100	77639521	+	0.105919
Gclc	MmuINT0068164	chr9	77639604	77639686	+	0.085408
Gclc	MmuINT0068165	chr9	77639791	77639859	+	0.110452
Gclc	MmuINT0068166	chr9	77639981	77640846	+	0.028547
Gclc	MmuINT0068167	chr9	77622999	77623932	+	0.018709
Gclc	MmuINT0068168	chr9	77624116	77627328	+	0.025886
Gclc	MmuINT0068169	chr9	77627443	77628890	+	0.058009
Gclc	MmuINT0068170	chr9	77628950	77629040	+	0.031499
Gclc	MmuINT0068171	chr9	77629175	77633140	+	0.044716
Gclc	MmuINT0068172	chr9	77633216	77633556	+	0.022152
Gclc	MmuINT0068173	chr9	77633674	77634517	+	0.01379
Gclc	MmuINT0068174	chr9	77634657	77635083	+	0.125369
Gclm	MmuINT0068175	chr3	1.22E+08	1.22E+08	+	0.015716
Gclm	MmuINT0068176	chr3	1.22E+08	1.22E+08	+	0.013374
Gclm	MmuINT0068177	chr3	1.22E+08	1.22E+08	+	0.036235
Gclm	MmuINT0068178	chr3	1.22E+08	1.22E+08	+	0.014316
Gclm	MmuINT0068179	chr3	1.22E+08	1.22E+08	+	0.008149
Gclm	MmuINT0068180	chr3	1.22E+08	1.22E+08	+	0.00762
Gcn111	MmuINT0068191	chr5	1.16E+08	1.16E+08	+	0.018635

Gcn1l1	MmuINT0068192	chr5	1.16E+08	1.16E+08	+	0.030786
Gcn1l1	MmuINT0068193	chr5	1.16E+08	1.16E+08	+	0.022312
Gcn1l1	MmuINT0068194	chr5	1.16E+08	1.16E+08	+	0.013874
Gcn1l1	MmuINT0068195	chr5	1.16E+08	1.16E+08	+	0.014875
Gcn1l1	MmuINT0068196	chr5	1.16E+08	1.16E+08	+	0.021169
Gcn1l1	MmuINT0068197	chr5	1.16E+08	1.16E+08	+	0.019709
Gcn1l1	MmuINT0068198	chr5	1.16E+08	1.16E+08	+	0.014495
Gcn1l1	MmuINT0068199	chr5	1.16E+08	1.16E+08	+	0.020138
Gcn1l1	MmuINT0068200	chr5	1.16E+08	1.16E+08	+	0.018681
Gcn1l1	MmuINT0068201	chr5	1.16E+08	1.16E+08	+	0.034051
Gcn1l1	MmuINT0068202	chr5	1.16E+08	1.16E+08	+	0.010297
Gcn1l1	MmuINT0068203	chr5	1.16E+08	1.16E+08	+	0.011427
Gcn1l1	MmuINT0068204	chr5	1.16E+08	1.16E+08	+	0.014846
Gcn1l1	MmuINT0068205	chr5	1.16E+08	1.16E+08	+	0.016303
Gcn1l1	MmuINT0068206	chr5	1.16E+08	1.16E+08	+	0.014456
Gcn1l1	MmuINT0068207	chr5	1.16E+08	1.16E+08	+	0.014895
Gcn1l1	MmuINT0068208	chr5	1.16E+08	1.16E+08	+	0.023338
Gcn1l1	MmuINT0068209	chr5	1.16E+08	1.16E+08	+	0.018897
Gcn1l1	MmuINT0068210	chr5	1.16E+08	1.16E+08	+	0.0134
Gcn1l1	MmuINT0068211	chr5	1.16E+08	1.16E+08	+	0.016246
Gcn1l1	MmuINT0068212	chr5	1.16E+08	1.16E+08	+	0.027366
Gcn1l1	MmuINT0068213	chr5	1.16E+08	1.16E+08	+	0.024468
Gcn1l1	MmuINT0068214	chr5	1.16E+08	1.16E+08	+	0.01687
Gcn1l1	MmuINT0068215	chr5	1.16E+08	1.16E+08	+	0.013823
Gcn1l1	MmuINT0068216	chr5	1.16E+08	1.16E+08	+	0.011905
Gcn1l1	MmuINT0068217	chr5	1.16E+08	1.16E+08	+	0.019383
Gcn1l1	MmuINT0068218	chr5	1.16E+08	1.16E+08	+	0.013972
Gcn1l1	MmuINT0068219	chr5	1.16E+08	1.16E+08	+	0.0123
Gcn1l1	MmuINT0068220	chr5	1.16E+08	1.16E+08	+	0.010344
Gcn1l1	MmuINT0068221	chr5	1.16E+08	1.16E+08	+	0.013264
Gcn1l1	MmuINT0068222	chr5	1.16E+08	1.16E+08	+	0.014937
Gcn1l1	MmuINT0068223	chr5	1.16E+08	1.16E+08	+	0.017686
Gcn1l1	MmuINT0068224	chr5	1.16E+08	1.16E+08	+	0.010211
Gcn1l1	MmuINT0068225	chr5	1.16E+08	1.16E+08	+	0.010072
Gcn1l1	MmuINT0068226	chr5	1.16E+08	1.16E+08	+	0.02641
Gcn1l1	MmuINT0068227	chr5	1.16E+08	1.16E+08	+	0.016895
Gcn1l1	MmuINT0068228	chr5	1.16E+08	1.16E+08	+	0.06029
Gcn1l1	MmuINT0068229	chr5	1.16E+08	1.16E+08	+	0.015988
Gcn1l1	MmuINT0068230	chr5	1.16E+08	1.16E+08	+	0.009372
Gcn1l1	MmuINT0068231	chr5	1.16E+08	1.16E+08	+	0.01328
Gcn1l1	MmuINT0068232	chr5	1.16E+08	1.16E+08	+	0.007941
Gcn1l1	MmuINT0068233	chr5	1.16E+08	1.16E+08	+	0.017225
Gcn1l1	MmuINT0068234	chr5	1.16E+08	1.16E+08	+	0.017371
Gcn1l1	MmuINT0068235	chr5	1.16E+08	1.16E+08	+	0.008403
Gcn1l1	MmuINT0068236	chr5	1.16E+08	1.16E+08	+	0.035977
Gcn1l1	MmuINT0068237	chr5	1.16E+08	1.16E+08	+	0.013452
Gcn1l1	MmuINT0068238	chr5	1.16E+08	1.16E+08	+	0.057687
Gcn1l1	MmuINT0068239	chr5	1.16E+08	1.16E+08	+	0.017121
Gcn1l1	MmuINT0068240	chr5	1.16E+08	1.16E+08	+	0.000966
Gcn1l1	MmuINT0068243	chr5	1.16E+08	1.16E+08	+	0.027424

Gcn1l1	MmuINT0068244	chr5	1.16E+08	1.16E+08	+	0.022226
Gcn1l1	MmuINT0068245	chr5	1.16E+08	1.16E+08	+	0.018682
Gcn1l1	MmuINT0068246	chr5	1.16E+08	1.16E+08	+	0.025787
Gcnt2	MmuINT0068252	chr13	40956643	41048944	+	0.064797
Gcnt2	MmuINT0068253	chr13	41049041	41053520	+	0.123197
Gcom1	MmuINT0068262	chr9	71427505	71439996	-	0.003109
Gcom1	MmuINT0068263	chr9	71372673	71394475	-	0.000999
Gcom1	MmuINT0068264	chr9	71362977	71372588	-	0.000996
Gcom1	MmuINT0068265	chr9	71353037	71362875	-	0.005236
Gcom1	MmuINT0068266	chr9	71412373	71427417	-	0.000533
Gcom1	MmuINT0068267	chr9	71408855	71412216	-	0.000589
Gcom1	MmuINT0068268	chr9	71406769	71408761	-	0.004525
Gcom1	MmuINT0068269	chr9	71403545	71406654	-	0.005969
Gcom1	MmuINT0068270	chr9	71400172	71403391	-	0.011551
Gcom1	MmuINT0068271	chr9	71398115	71400045	-	0.000324
Gcom1	MmuINT0068272	chr9	71396611	71397985	-	0.000529
Gcom1	MmuINT0068273	chr9	71394582	71396530	-	0.000627
Gcsh	MmuINT0068274	chr8	1.2E+08	1.2E+08	-	0.002238
Gda	MmuINT0068279	chr19	21475196	21484361	-	0.054358
Gda	MmuINT0068280	chr19	21472128	21475048	-	0.114653
Gda	MmuINT0068281	chr19	21470551	21471996	-	0.045807
Gda	MmuINT0068282	chr19	21469749	21470522	-	0.038006
Gda	MmuINT0068283	chr19	21503141	21508710	-	0.070825
Gda	MmuINT0068284	chr19	21500109	21502968	-	0.04107
Gda	MmuINT0068285	chr19	21497594	21500020	-	0.044679
Gda	MmuINT0068286	chr19	21493892	21497487	-	0.043737
Gda	MmuINT0068287	chr19	21491598	21493863	-	0.066671
Gda	MmuINT0068288	chr19	21489412	21491489	-	0.032681
Gda	MmuINT0068289	chr19	21487086	21489303	-	0.055025
Gda	MmuINT0068290	chr19	21484430	21486987	-	0.03767
Gdap2	MmuINT0068301	chr3	99966589	99973858	+	0.038399
Gdap2	MmuINT0068302	chr3	99995627	99998412	+	0.034248
Gdap2	MmuINT0068303	chr3	99998553	1E+08	+	0.036377
Gdap2	MmuINT0068304	chr3	1E+08	1E+08	+	0.057147
Gdap2	MmuINT0068305	chr3	1E+08	1E+08	+	0.041344
Gdap2	MmuINT0068306	chr3	99974099	99974820	+	0.020917
Gdap2	MmuINT0068307	chr3	99974961	99981765	+	0.031894
Gdap2	MmuINT0068309	chr3	99982246	99986599	+	0.031915
Gdap2	MmuINT0068310	chr3	99986677	99990492	+	0.001121
Gdap2	MmuINT0068311	chr3	99990653	99991796	+	0.015546
Gdap2	MmuINT0068312	chr3	99991957	99994808	+	0.035141
Gdap2	MmuINT0068313	chr3	99994886	99995549	+	0.023751
Gde1	MmuINT0068314	chr7	1.26E+08	1.26E+08	-	0.005918
Gde1	MmuINT0068315	chr7	1.26E+08	1.26E+08	-	0.02535
Gde1	MmuINT0068316	chr7	1.26E+08	1.26E+08	-	0.006215
Gde1	MmuINT0068317	chr7	1.26E+08	1.26E+08	-	0.002825
Gde1	MmuINT0068318	chr7	1.26E+08	1.26E+08	-	0.013603
Gdf15	MmuINT0068324	chr8	73154074	73155231	-	0.071133
Gdi1	MmuINT0068331	chrX	71550781	71551917	+	0.003938
Gdi1	MmuINT0068332	chrX	71556032	71556125	+	0.029904

Gdi1	MmuINT0068333	chrX	71552026	71552183	+	0.00383
Gdi1	MmuINT0068334	chrX	71552284	71552441	+	0.004151
Gdi1	MmuINT0068335	chrX	71552577	71553010	+	0.003488
Gdi1	MmuINT0068336	chrX	71553210	71553468	+	0.394504
Gdi1	MmuINT0068337	chrX	71553601	71554414	+	0.018446
Gdi1	MmuINT0068338	chrX	71554515	71555301	+	0.087835
Gdi1	MmuINT0068339	chrX	71555474	71555728	+	0.023892
Gdi2	MmuINT0068341	chr13	3537590	3548108	+	0.002339
Gdi2	MmuINT0068342	chr13	3564160	3564241	+	0.005711
Gdi2	MmuINT0068343	chr13	3548217	3550234	+	0.003821
Gdi2	MmuINT0068345	chr13	3553793	3555559	+	0.001324
Gdi2	MmuINT0068346	chr13	3555759	3556171	+	0.000975
Gdi2	MmuINT0068347	chr13	3556304	3559237	+	0.000314
Gdi2	MmuINT0068348	chr13	3559338	3561111	+	0.001965
Gdpd1	MmuINT0068354	chr11	86873063	86877400	-	0.034942
Gdpd1	MmuINT0068356	chr11	86859377	86870293	-	0.021316
Gdpd1	MmuINT0068357	chr11	86858719	86859257	-	0.034372
Gdpd1	MmuINT0068358	chr11	86855424	86858628	-	0.016056
Gdpd1	MmuINT0068359	chr11	86851393	86855289	-	0.030004
Gdpd1	MmuINT0068360	chr11	86849146	86851332	-	0.031097
Gdpd1	MmuINT0068361	chr11	86848798	86849093	-	0.017287
Gdpd3	MmuINT0068382	chr7	1.34E+08	1.34E+08	+	0.943381
Gdpd3	MmuINT0068385	chr7	1.34E+08	1.34E+08	+	0.390213
Gdpd5	MmuINT0068404	chr7	1.07E+08	1.07E+08	+	0.020982
Gdpd5	MmuINT0068405	chr7	1.07E+08	1.07E+08	+	0.019591
Gdpd5	MmuINT0068406	chr7	1.07E+08	1.07E+08	+	0.037981
Gdpd5	MmuINT0068407	chr7	1.07E+08	1.07E+08	+	0.008216
Gdpd5	MmuINT0068408	chr7	1.07E+08	1.07E+08	+	0.012428
Gdpd5	MmuINT0068409	chr7	1.07E+08	1.07E+08	+	0.006857
Gdpd5	MmuINT0068410	chr7	1.07E+08	1.07E+08	+	0.154386
Gdpd5	MmuINT0068411	chr7	1.07E+08	1.07E+08	+	0.043841
Gdpd5	MmuINT0068418	chr7	1.07E+08	1.07E+08	+	0.028434
Gdpd5	MmuINT0068419	chr7	1.07E+08	1.07E+08	+	0.026183
Gem	MmuINT0068420	chr4	11631714	11633051	+	0.045658
Gem	MmuINT0068423	chr4	11639322	11640622	+	0.092943
Gemin4	MmuINT0068424	chr11	76027426	76030979	-	0.084162
Gemin5	MmuINT0068427	chr11	57981372	57981789	-	0.046356
Gemin5	MmuINT0068428	chr11	57964185	57965033	-	0.060429
Gemin5	MmuINT0068431	chr11	57960035	57961328	-	0.030357
Gemin5	MmuINT0068432	chr11	57959023	57959894	-	0.044239
Gemin5	MmuINT0068433	chr11	57955312	57958850	-	0.027624
Gemin5	MmuINT0068434	chr11	57953111	57955089	-	0.051791
Gemin5	MmuINT0068435	chr11	57952644	57952996	-	0.03269
Gemin5	MmuINT0068436	chr11	57951269	57952520	-	0.0965
Gemin5	MmuINT0068437	chr11	57950498	57951169	-	0.032097
Gemin5	MmuINT0068438	chr11	57948414	57950359	-	0.067917
Gemin5	MmuINT0068439	chr11	57944265	57948265	-	0.037298
Gemin5	MmuINT0068440	chr11	57943731	57944144	-	0.02802
Gemin5	MmuINT0068441	chr11	57942402	57943519	-	0.029945
Gemin5	MmuINT0068442	chr11	57940097	57942146	-	0.073068

Gemin5	MmuINT0068443	chr11	57938921	57939933	-	0.027356
Gemin5	MmuINT0068444	chr11	57935287	57935783	-	0.025965
Gemin5	MmuINT0068445	chr11	57977911	57979394	-	0.037174
Gemin5	MmuINT0068447	chr11	57970335	57974207	-	0.037226
Gemin5	MmuINT0068448	chr11	57969347	57970168	-	0.032283
Gemin5	MmuINT0068449	chr11	57968690	57969133	-	0.034948
Gemin6	MmuINT0068451	chr17	80624011	80624960	+	0.037414
Gemin7	MmuINT0068453	chr7	20151026	20158657	-	0.013075
Get4	MmuINT0068471	chr5	1.4E+08	1.4E+08	+	0.004196
Get4	MmuINT0068472	chr5	1.4E+08	1.4E+08	+	0.006497
Get4	MmuINT0068473	chr5	1.4E+08	1.4E+08	+	0.008778
Get4	MmuINT0068474	chr5	1.4E+08	1.4E+08	+	0.009175
Get4	MmuINT0068475	chr5	1.4E+08	1.4E+08	+	0.007749
Get4	MmuINT0068476	chr5	1.4E+08	1.4E+08	+	0.067649
Gfer	MmuINT0068488	chr17	24832396	24832775	-	0.140331
Gfer	MmuINT0068489	chr17	24831388	24832198	-	0.037829
Gfm1	MmuINT0068501	chr3	67234245	67235571	+	0.001809
Gfm1	MmuINT0068502	chr3	67255323	67257591	+	0.002521
Gfm1	MmuINT0068503	chr3	67257649	67260494	+	0.004846
Gfm1	MmuINT0068504	chr3	67260633	67261809	+	0.001172
Gfm1	MmuINT0068505	chr3	67261893	67271728	+	0.002668
Gfm1	MmuINT0068506	chr3	67271892	67273387	+	0.001435
Gfm1	MmuINT0068507	chr3	67273533	67277384	+	0.00084
Gfm1	MmuINT0068508	chr3	67277546	67278474	+	0.001187
Gfm1	MmuINT0068509	chr3	67278529	67278640	+	0.001458
Gfm1	MmuINT0068510	chr3	67235725	67237276	+	0.001093
Gfm1	MmuINT0068511	chr3	67237410	67239426	+	0.001589
Gfm1	MmuINT0068512	chr3	67239632	67242467	+	0.000934
Gfm1	MmuINT0068513	chr3	67242585	67244023	+	0.002245
Gfm1	MmuINT0068514	chr3	67244175	67247476	+	0.001159
Gfm1	MmuINT0068515	chr3	67247632	67248694	+	0.001269
Gfm1	MmuINT0068516	chr3	67248780	67253600	+	0.000994
Gfm1	MmuINT0068517	chr3	67253739	67255220	+	0.001104
Gfm2	MmuINT0068518	chr13	97925556	97930041	+	0.011796
Gfm2	MmuINT0068519	chr13	97930123	97930973	+	0.01905
Gfm2	MmuINT0068520	chr13	97931123	97932806	+	0.004741
Gfm2	MmuINT0068521	chr13	97932948	97933029	+	0.003471
Gfm2	MmuINT0068522	chr13	97933130	97934965	+	0.004201
Gfm2	MmuINT0068523	chr13	97935153	97938220	+	0.005155
Gfm2	MmuINT0068524	chr13	97938298	97941440	+	0.016301
Gfm2	MmuINT0068525	chr13	97941580	97942466	+	0.005127
Gfm2	MmuINT0068526	chr13	97942647	97942894	+	0.012149
Gfm2	MmuINT0068527	chr13	97943011	97944816	+	0.010592
Gfm2	MmuINT0068528	chr13	97911966	97912962	+	0.006392
Gfm2	MmuINT0068530	chr13	97913048	97915601	+	0.007097
Gfm2	MmuINT0068531	chr13	97915660	97916174	+	0.005614
Gfm2	MmuINT0068532	chr13	97916273	97919263	+	0.004641
Gfm2	MmuINT0068533	chr13	97919390	97920279	+	0.007455
Gfm2	MmuINT0068534	chr13	97920369	97923182	+	0.006902
Gfm2	MmuINT0068535	chr13	97923272	97925144	+	0.006579

Gfm2	MmuINT0068536	chr13	97925206	97925375	+	0.00414
Gfod1	MmuINT0068539	chr13	43296614	43398613	-	0.016131
Gfod2	MmuINT0068540	chr8	1.08E+08	1.08E+08	-	0.076539
Gfod2	MmuINT0068541	chr8	1.08E+08	1.08E+08	-	0.060359
Gfpt1	MmuINT0068542	chr6	86993000	87000914	+	0.026563
Gfpt1	MmuINT0068543	chr6	87016782	87017677	+	0.022175
Gfpt1	MmuINT0068544	chr6	87017774	87023375	+	0.027263
Gfpt1	MmuINT0068545	chr6	87023474	87026250	+	0.050429
Gfpt1	MmuINT0068546	chr6	87026372	87027076	+	0.030846
Gfpt1	MmuINT0068547	chr6	87027235	87032466	+	0.023291
Gfpt1	MmuINT0068548	chr6	87032582	87035245	+	0.028892
Gfpt1	MmuINT0068549	chr6	87035374	87036297	+	0.024118
Gfpt1	MmuINT0068550	chr6	87036466	87037310	+	0.024186
Gfpt1	MmuINT0068551	chr6	87037473	87038107	+	0.04897
Gfpt1	MmuINT0068552	chr6	87001023	87003744	+	0.032703
Gfpt1	MmuINT0068553	chr6	87003853	87004594	+	0.042439
Gfpt1	MmuINT0068554	chr6	87004721	87006137	+	0.050348
Gfpt1	MmuINT0068555	chr6	87006197	87007623	+	0.025203
Gfpt1	MmuINT0068556	chr6	87007759	87009373	+	0.070214
Gfpt1	MmuINT0068557	chr6	87009436	87010514	+	0.052283
Gfpt1	MmuINT0068558	chr6	87010595	87013798	+	0.054077
Gfpt1	MmuINT0068559	chr6	87013905	87016617	+	0.031771
Gfpt2	MmuINT0068561	chr11	49636878	49637235	+	0.040536
Gfpt2	MmuINT0068562	chr11	49637332	49637442	+	0.043778
Gfpt2	MmuINT0068563	chr11	49637541	49637833	+	0.02675
Gfpt2	MmuINT0068564	chr11	49637955	49640245	+	0.028654
Gfpt2	MmuINT0068565	chr11	49640404	49640632	+	0.025695
Gfpt2	MmuINT0068566	chr11	49640748	49643241	+	0.027724
Gfpt2	MmuINT0068567	chr11	49643370	49646362	+	0.103939
Gfpt2	MmuINT0068568	chr11	49646531	49649113	+	0.057449
Gfpt2	MmuINT0068569	chr11	49649276	49651222	+	0.083777
Gfpt2	MmuINT0068570	chr11	49618562	49621196	+	0.048498
Gfpt2	MmuINT0068571	chr11	49621296	49622535	+	0.083055
Gfpt2	MmuINT0068572	chr11	49622662	49624465	+	0.036409
Gfpt2	MmuINT0068573	chr11	49624525	49625171	+	0.038281
Gfpt2	MmuINT0068574	chr11	49625307	49628781	+	0.037619
Gfpt2	MmuINT0068576	chr11	49632162	49632638	+	0.082454
Gfpt2	MmuINT0068577	chr11	49632757	49636713	+	0.031178
Gfra4	MmuINT0068605	chr2	1.31E+08	1.31E+08	-	0.055503
Gfra4	MmuINT0068606	chr2	1.31E+08	1.31E+08	-	0.365406
Gfra4	MmuINT0068607	chr2	1.31E+08	1.31E+08	-	0.268289
Gga1	MmuINT0068616	chr15	78708048	78711467	+	0.024286
Gga1	MmuINT0068617	chr15	78719541	78720145	+	0.025081
Gga1	MmuINT0068618	chr15	78720299	78721866	+	0.079416
Gga1	MmuINT0068619	chr15	78721932	78722343	+	0.070654
Gga1	MmuINT0068620	chr15	78722517	78722882	+	0.071622
Gga1	MmuINT0068621	chr15	78723071	78723596	+	0.029778
Gga1	MmuINT0068622	chr15	78723767	78723968	+	0.010207
Gga1	MmuINT0068623	chr15	78724080	78724163	+	0.006528
Gga1	MmuINT0068624	chr15	78711553	78712557	+	0.005973

Gga1	MmuINT0068625	chr15	78712634	78713697	+	0.006249
Gga1	MmuINT0068626	chr15	78713797	78714514	+	0.015746
Gga1	MmuINT0068627	chr15	78714639	78715685	+	0.011639
Gga1	MmuINT0068628	chr15	78715787	78716293	+	0.011247
Gga1	MmuINT0068629	chr15	78716375	78718540	+	0.031351
Gga1	MmuINT0068630	chr15	78718679	78718847	+	0.00705
Gga1	MmuINT0068631	chr15	78718930	78719432	+	0.05385
Gga2	MmuINT0068632	chr7	1.29E+08	1.29E+08	-	0.034808
Gga2	MmuINT0068633	chr7	1.29E+08	1.29E+08	-	0.004527
Gga2	MmuINT0068634	chr7	1.29E+08	1.29E+08	-	0.006509
Gga2	MmuINT0068635	chr7	1.29E+08	1.29E+08	-	0.006813
Gga2	MmuINT0068636	chr7	1.29E+08	1.29E+08	-	0.008254
Gga2	MmuINT0068637	chr7	1.29E+08	1.29E+08	-	0.009285
Gga2	MmuINT0068638	chr7	1.29E+08	1.29E+08	-	0.007482
Gga2	MmuINT0068639	chr7	1.29E+08	1.29E+08	-	0.005757
Gga2	MmuINT0068640	chr7	1.29E+08	1.29E+08	-	0.001154
Gga2	MmuINT0068641	chr7	1.29E+08	1.29E+08	-	0.007834
Gga2	MmuINT0068643	chr7	1.29E+08	1.29E+08	-	0.000725
Gga2	MmuINT0068644	chr7	1.29E+08	1.29E+08	-	0.003104
Gga2	MmuINT0068646	chr7	1.29E+08	1.29E+08	-	0.000204
Gga2	MmuINT0068647	chr7	1.29E+08	1.29E+08	-	0.00728
Gga3	MmuINT0068648	chr11	1.15E+08	1.15E+08	-	0.035478
Gga3	MmuINT0068649	chr11	1.15E+08	1.15E+08	-	0.030353
Gga3	MmuINT0068650	chr11	1.15E+08	1.15E+08	-	0.331693
Gga3	MmuINT0068651	chr11	1.15E+08	1.15E+08	-	0.130471
Gga3	MmuINT0068653	chr11	1.15E+08	1.15E+08	-	0.105845
Gga3	MmuINT0068654	chr11	1.15E+08	1.15E+08	-	0.070278
Gga3	MmuINT0068656	chr11	1.15E+08	1.15E+08	-	0.027464
Gga3	MmuINT0068657	chr11	1.15E+08	1.15E+08	-	0.030934
Gga3	MmuINT0068658	chr11	1.15E+08	1.15E+08	-	0.056142
Gga3	MmuINT0068659	chr11	1.15E+08	1.15E+08	-	0.077392
Gga3	MmuINT0068660	chr11	1.15E+08	1.15E+08	-	0.037127
Gga3	MmuINT0068661	chr11	1.15E+08	1.15E+08	-	0.061215
Gga3	MmuINT0068662	chr11	1.15E+08	1.15E+08	-	0.158067
Gga3	MmuINT0068663	chr11	1.15E+08	1.15E+08	-	0.186479
Ggct	MmuINT0068664	chr6	54939552	54942688	-	0.018378
Ggct	MmuINT0068665	chr6	54936963	54939405	-	0.01508
Ggct	MmuINT0068666	chr6	54935996	54936826	-	0.004312
Ggcx	MmuINT0068667	chr6	72364444	72364665	+	0.009588
Ggcx	MmuINT0068668	chr6	72378044	72378451	+	0.107379
Ggcx	MmuINT0068669	chr6	72378622	72378790	+	0.054645
Ggcx	MmuINT0068670	chr6	72378922	72379126	+	0.011546
Ggcx	MmuINT0068671	chr6	72379275	72379437	+	0.009475
Ggcx	MmuINT0068672	chr6	72379634	72379960	+	0.012364
Ggcx	MmuINT0068673	chr6	72364837	72367848	+	0.010655
Ggcx	MmuINT0068674	chr6	72368008	72368294	+	0.075345
Ggcx	MmuINT0068675	chr6	72368461	72372409	+	0.12734
Ggcx	MmuINT0068676	chr6	72372489	72373927	+	0.020997
Ggcx	MmuINT0068677	chr6	72374035	72375779	+	0.02402
Ggcx	MmuINT0068678	chr6	72375944	72376354	+	0.018043



Ggcx	MmuINT0068679	chr6	72376621	72377035	+	0.012297
Ggcx	MmuINT0068680	chr6	72377168	72377891	+	0.08677
Ggh	MmuINT0068681	chr4	19969430	19973349	+	0.026566
Ggh	MmuINT0068682	chr4	19973462	19976938	+	0.046945
Ggh	MmuINT0068683	chr4	19976990	19979810	+	0.053367
Ggh	MmuINT0068684	chr4	19979896	19981210	+	0.02225
Ggh	MmuINT0068685	chr4	19981350	19985083	+	0.027938
Ggh	MmuINT0068686	chr4	19985191	19985285	+	0.024314
Ggh	MmuINT0068687	chr4	19985377	19991145	+	0.013863
Ggh	MmuINT0068688	chr4	19991284	19992886	+	0.017323
Ggnbp1	MmuINT0068691	chr17	27166892	27167620	+	0.178036
Ggnbp1	MmuINT0068692	chr17	27167746	27169507	+	0.013399
Ggnbp1	MmuINT0068693	chr17	27169603	27169705	+	0.007253
Ggnbp1	MmuINT0068694	chr17	27169917	27171709	+	0.007895
Ggnbp1	MmuINT0068695	chr17	27171850	27173057	+	0.0323
Ggnbp2	MmuINT0068697	chr11	84650227	84651342	-	0.004323
Ggnbp2	MmuINT0068698	chr11	84650016	84650100	-	0.004544
Ggnbp2	MmuINT0068699	chr11	84648086	84649866	-	0.021529
Ggnbp2	MmuINT0068700	chr11	84646716	84647836	-	0.048143
Ggnbp2	MmuINT0068701	chr11	84675821	84683378	-	0.014362
Ggnbp2	MmuINT0068702	chr11	84674301	84675739	-	0.004685
Ggnbp2	MmuINT0068703	chr11	84672041	84674046	-	0.006261
Ggnbp2	MmuINT0068704	chr11	84667670	84671941	-	0.066497
Ggnbp2	MmuINT0068705	chr11	84655127	84667555	-	0.012571
Ggnbp2	MmuINT0068706	chr11	84653938	84654916	-	0.007321
Ggnbp2	MmuINT0068707	chr11	84653678	84653762	-	0.00256
Ggnbp2	MmuINT0068708	chr11	84651491	84653482	-	0.004774
Ggps1	MmuINT0068709	chr13	14150156	14155472	-	0.043096
Ggps1	MmuINT0068710	chr13	14147488	14150062	-	0.005191
Ggt5	MmuINT0068725	chr10	75072977	75073172	+	0.050197
Ggt5	MmuINT0068726	chr10	75073284	75077474	+	0.027733
Ggt5	MmuINT0068730	chr10	75067546	75068000	+	0.098114
Ggt5	MmuINT0068731	chr10	75068148	75071495	+	0.046688
Ggt5	MmuINT0068732	chr10	75071633	75071943	+	0.157424
Ggt5	MmuINT0068733	chr10	75072138	75072589	+	0.301854
Ggt5	MmuINT0068734	chr10	75072697	75072857	+	0.187439
Ggta1	MmuINT0068753	chr2	35288153	35316714	-	0.197795
Ggta1	MmuINT0068756	chr2	35272028	35277699	-	0.136745
Ggta1	MmuINT0068759	chr2	35263603	35268845	-	0.042818
Ggta1	MmuINT0068760	chr2	35258323	35263464	-	0.064352
Ghdc	MmuINT0068765	chr11	1.01E+08	1.01E+08	-	0.066896
Ghdc	MmuINT0068766	chr11	1.01E+08	1.01E+08	-	0.027687
Ghdc	MmuINT0068767	chr11	1.01E+08	1.01E+08	-	0.018728
Ghdc	MmuINT0068768	chr11	1.01E+08	1.01E+08	-	0.034788
Ghdc	MmuINT0068769	chr11	1.01E+08	1.01E+08	-	0.026763
Ghdc	MmuINT0068770	chr11	1.01E+08	1.01E+08	-	0.054059
Ghdc	MmuINT0068771	chr11	1.01E+08	1.01E+08	-	0.049538
Ghdc	MmuINT0068772	chr11	1.01E+08	1.01E+08	-	0.059832
Ghitm	MmuINT0068773	chr14	37946990	37948380	-	0.002002
Ghitm	MmuINT0068774	chr14	37946457	37946818	-	0.000205

Ghitm	MmuINT0068775	chr14	37944836	37946356	-	0.000302
Ghitm	MmuINT0068776	chr14	37943964	37944723	-	0.001911
Ghitm	MmuINT0068777	chr14	37940882	37943821	-	0.000539
Ghitm	MmuINT0068778	chr14	37939277	37940772	-	0.001528
Ghitm	MmuINT0068779	chr14	37938518	37939087	-	0.000408
Ghitm	MmuINT0068780	chr14	37935413	37938345	-	0.001555
Ghr	MmuINT0068783	chr15	3408009	3532999	-	0.004606
Ghr	MmuINT0068784	chr15	3270723	3270988	-	0.002142
Ghr	MmuINT0068785	chr15	3338714	3407929	-	0.002153
Ghr	MmuINT0068786	chr15	3297602	3338647	-	0.00169
Ghr	MmuINT0068787	chr15	3296533	3297471	-	0.004084
Ghr	MmuINT0068788	chr15	3291092	3296508	-	0.007538
Ghr	MmuINT0068789	chr15	3283526	3290918	-	0.001355
Ghr	MmuINT0068790	chr15	3278143	3283346	-	0.001659
Ghr	MmuINT0068791	chr15	3275989	3277973	-	0.019967
Ghr	MmuINT0068792	chr15	3271059	3275897	-	0.018399
Gigyf1	MmuINT0068823	chr5	1.38E+08	1.38E+08	+	0.011985
Gigyf1	MmuINT0068824	chr5	1.38E+08	1.38E+08	+	0.014058
Gigyf1	MmuINT0068825	chr5	1.38E+08	1.38E+08	+	0.073578
Gigyf1	MmuINT0068826	chr5	1.38E+08	1.38E+08	+	0.01095
Gigyf1	MmuINT0068827	chr5	1.38E+08	1.38E+08	+	0.034768
Gigyf1	MmuINT0068828	chr5	1.38E+08	1.38E+08	+	0.015702
Gigyf1	MmuINT0068829	chr5	1.38E+08	1.38E+08	+	0.017828
Gigyf1	MmuINT0068830	chr5	1.38E+08	1.38E+08	+	0.019465
Gigyf1	MmuINT0068831	chr5	1.38E+08	1.38E+08	+	0.063961
Gigyf1	MmuINT0068832	chr5	1.38E+08	1.38E+08	+	0.072503
Gigyf1	MmuINT0068833	chr5	1.38E+08	1.38E+08	+	0.412701
Gigyf1	MmuINT0068834	chr5	1.38E+08	1.38E+08	+	0.012709
Gigyf1	MmuINT0068835	chr5	1.38E+08	1.38E+08	+	0.029735
Gigyf1	MmuINT0068836	chr5	1.38E+08	1.38E+08	+	0.051739
Gigyf1	MmuINT0068837	chr5	1.38E+08	1.38E+08	+	0.111639
Gigyf1	MmuINT0068838	chr5	1.38E+08	1.38E+08	+	0.054978
Gigyf1	MmuINT0068839	chr5	1.38E+08	1.38E+08	+	0.018009
Gigyf1	MmuINT0068840	chr5	1.38E+08	1.38E+08	+	0.016292
Gigyf1	MmuINT0068841	chr5	1.38E+08	1.38E+08	+	0.024651
Gigyf1	MmuINT0068842	chr5	1.38E+08	1.38E+08	+	0.042627
Gigyf1	MmuINT0068843	chr5	1.38E+08	1.38E+08	+	0.100028
Gigyf1	MmuINT0068844	chr5	1.38E+08	1.38E+08	+	0.122864
Gigyf1	MmuINT0068845	chr5	1.38E+08	1.38E+08	+	0.076417
Gigyf2	MmuINT0068846	chr1	89223668	89230844	+	0.036044
Gigyf2	MmuINT0068847	chr1	89303777	89303867	+	0.008946
Gigyf2	MmuINT0068848	chr1	89304031	89304109	+	0.013529
Gigyf2	MmuINT0068849	chr1	89304299	89307236	+	0.008944
Gigyf2	MmuINT0068850	chr1	89307434	89308282	+	0.010312
Gigyf2	MmuINT0068851	chr1	89308443	89313392	+	0.014609
Gigyf2	MmuINT0068852	chr1	89313560	89315662	+	0.014087
Gigyf2	MmuINT0068853	chr1	89315755	89316859	+	0.026985
Gigyf2	MmuINT0068854	chr1	89316968	89318065	+	0.014748
Gigyf2	MmuINT0068855	chr1	89318167	89319755	+	0.016049
Gigyf2	MmuINT0068856	chr1	89319857	89321639	+	0.01257

Gigyf2	MmuINT0068857	chr1	89230910	89250978	+	0.015415
Gigyf2	MmuINT0068858	chr1	89321802	89325144	+	0.008245
Gigyf2	MmuINT0068859	chr1	89325304	89330254	+	0.015048
Gigyf2	MmuINT0068860	chr1	89330492	89333343	+	0.009146
Gigyf2	MmuINT0068861	chr1	89333467	89336962	+	0.009548
Gigyf2	MmuINT0068862	chr1	89337188	89337291	+	0.013196
Gigyf2	MmuINT0068863	chr1	89337498	89338585	+	0.016371
Gigyf2	MmuINT0068864	chr1	89338741	89340219	+	0.037099
Gigyf2	MmuINT0068865	chr1	89340402	89342886	+	0.022201
Gigyf2	MmuINT0068866	chr1	89343035	89345652	+	0.013028
Gigyf2	MmuINT0068867	chr1	89251062	89260678	+	0.020317
Gigyf2	MmuINT0068868	chr1	89260809	89261758	+	0.027186
Gigyf2	MmuINT0068869	chr1	89261855	89270571	+	0.01454
Gigyf2	MmuINT0068870	chr1	89270687	89275546	+	0.035511
Gigyf2	MmuINT0068871	chr1	89275659	89276542	+	0.02368
Gigyf2	MmuINT0068872	chr1	89276584	89300241	+	0.022047
Gimap1	MmuINT0068874	chr6	48689156	48691318	+	0.030851
Gimap4	MmuINT0068879	chr6	48634623	48636836	+	0.045474
Gimap4	MmuINT0068880	chr6	48636909	48640369	+	0.032126
Gimap4	MmuINT0068881	chr6	48640457	48640840	+	0.968897
Gimap4	MmuINT0068882	chr6	48640948	48641410	+	0.96418
Gimap5	MmuINT0068883	chr6	48696430	48700452	+	0.414713
Gimap5	MmuINT0068884	chr6	48700502	48702539	+	0.053195
Gimap6	MmuINT0068885	chr6	48654506	48657957	-	0.005132
Gimap6	MmuINT0068886	chr6	48652823	48654420	-	0.065421
Gimap8	MmuINT0068888	chr6	48600843	48601059	+	0.212737
Gimap8	MmuINT0068889	chr6	48601103	48606040	+	0.252088
Gimap8	MmuINT0068890	chr6	48606668	48608721	+	0.053844
Gimap9	MmuINT0068891	chr6	48626254	48627440	+	0.067515
Gin1	MmuINT0068892	chr1	99666833	99672023	+	0.082024
Gin1	MmuINT0068893	chr1	99672170	99673902	+	0.018548
Gin1	MmuINT0068894	chr1	99674097	99679503	+	0.47403
Gin1	MmuINT0068895	chr1	99679810	99681329	+	0.030565
Gin1	MmuINT0068896	chr1	99681522	99681631	+	0.023498
Gin1	MmuINT0068897	chr1	99681800	99682552	+	0.015392
Gin1	MmuINT0068898	chr1	99682836	99688873	+	0.112517
Gins1	MmuINT0068899	chr2	1.51E+08	1.51E+08	+	0.051923
Gins1	MmuINT0068900	chr2	1.51E+08	1.51E+08	+	0.056464
Gins1	MmuINT0068901	chr2	1.51E+08	1.51E+08	+	0.046659
Gins1	MmuINT0068902	chr2	1.51E+08	1.51E+08	+	0.048703
Gins2	MmuINT0068906	chr8	1.23E+08	1.23E+08	-	0.151628
Gins4	MmuINT0068909	chr8	24347572	24347941	-	0.007758
Gins4	MmuINT0068910	chr8	24345313	24347451	-	0.00855
Gins4	MmuINT0068911	chr8	24343191	24345225	-	0.01359
Gins4	MmuINT0068912	chr8	24340176	24343076	-	0.023829
Gins4	MmuINT0068913	chr8	24339977	24340077	-	0.010754
Gins4	MmuINT0068914	chr8	24337812	24339887	-	0.013515
Gins4	MmuINT0068915	chr8	24337648	24337720	-	0.016777
Gipc1	MmuINT0068921	chr8	86176637	86184857	+	0.023187
Gipc1	MmuINT0068922	chr8	86185180	86185853	+	0.010115

Gipc1	MmuINT0068923	chr8	86186040	86186133	+	0.025557
Gipc1	MmuINT0068924	chr8	86186315	86186947	+	0.011276
Gipc1	MmuINT0068925	chr8	86187061	86187818	+	0.009958
Gipc1	MmuINT0068926	chr8	86187901	86188016	+	0.006336
Gipc2	MmuINT0068927	chr3	1.52E+08	1.52E+08	-	0.270454
Gipc2	MmuINT0068929	chr3	1.52E+08	1.52E+08	-	0.042762
Gipc2	MmuINT0068930	chr3	1.52E+08	1.52E+08	-	0.093766
Gipc2	MmuINT0068931	chr3	1.52E+08	1.52E+08	-	0.254157
Gipc3	MmuINT0068933	chr10	80804114	80804235	-	0.021144
Git1	MmuINT0068950	chr11	77307137	77312466	+	0.01787
Git1	MmuINT0068951	chr11	77316931	77317422	+	0.019724
Git1	MmuINT0068952	chr11	77317521	77317873	+	0.008732
Git1	MmuINT0068953	chr11	77317986	77318100	+	0.0213
Git1	MmuINT0068954	chr11	77318235	77318369	+	0.05419
Git1	MmuINT0068955	chr11	77318754	77318824	+	0.028886
Git1	MmuINT0068956	chr11	77318879	77319005	+	0.006925
Git1	MmuINT0068957	chr11	77319093	77319181	+	0.011155
Git1	MmuINT0068958	chr11	77319256	77319381	+	0.028369
Git1	MmuINT0068959	chr11	77319565	77319680	+	0.007034
Git1	MmuINT0068960	chr11	77319745	77319897	+	0.008281
Git1	MmuINT0068961	chr11	77312601	77313018	+	0.003507
Git1	MmuINT0068962	chr11	77313132	77313240	+	0.011838
Git1	MmuINT0068963	chr11	77313347	77313849	+	0.006685
Git1	MmuINT0068964	chr11	77314068	77314148	+	0.006628
Git1	MmuINT0068965	chr11	77314244	77314573	+	0.050582
Git1	MmuINT0068966	chr11	77314617	77316330	+	0.387524
Git1	MmuINT0068967	chr11	77316358	77316519	+	0.578642
Git1	MmuINT0068968	chr11	77316569	77316857	+	0.011037
Git2	MmuINT0068969	chr5	1.15E+08	1.15E+08	-	0.069514
Git2	MmuINT0068970	chr5	1.15E+08	1.15E+08	-	0.019767
Git2	MmuINT0068971	chr5	1.15E+08	1.15E+08	-	0.014308
Git2	MmuINT0068972	chr5	1.15E+08	1.15E+08	-	0.010162
Git2	MmuINT0068973	chr5	1.15E+08	1.15E+08	-	0.026016
Git2	MmuINT0068974	chr5	1.15E+08	1.15E+08	-	0.808946
Git2	MmuINT0068975	chr5	1.15E+08	1.15E+08	-	0.014451
Git2	MmuINT0068976	chr5	1.15E+08	1.15E+08	-	0.019241
Git2	MmuINT0068977	chr5	1.15E+08	1.15E+08	-	0.020145
Git2	MmuINT0068978	chr5	1.15E+08	1.15E+08	-	0.017358
Git2	MmuINT0068979	chr5	1.15E+08	1.15E+08	-	0.017137
Git2	MmuINT0068980	chr5	1.15E+08	1.15E+08	-	0.025038
Git2	MmuINT0068981	chr5	1.15E+08	1.15E+08	-	0.013601
Git2	MmuINT0068982	chr5	1.15E+08	1.15E+08	-	0.012914
Git2	MmuINT0068983	chr5	1.15E+08	1.15E+08	-	0.039801
Gja1	MmuINT0068995	chr10	56097325	56107339	+	0.00743
Gja4	MmuINT0068997	chr4	1.27E+08	1.27E+08	-	0.143158
Gjc1	MmuINT0069012	chr11	1.03E+08	1.03E+08	-	0.017898
Gkap1	MmuINT0069037	chr13	58365561	58375434	-	0.065389
Gkap1	MmuINT0069040	chr13	58364703	58365302	-	0.00439
Gkap1	MmuINT0069041	chr13	58360873	58364558	-	0.00766
Gkap1	MmuINT0069042	chr13	58357232	58360794	-	0.007444

Gla	MmuINT0069064	chrX	1.31E+08	1.31E+08	-	0.061731
Glb1	MmuINT0069069	chr9	1.14E+08	1.14E+08	+	0.021769
Glb1	MmuINT0069070	chr9	1.14E+08	1.14E+08	+	0.026426
Glb1	MmuINT0069071	chr9	1.14E+08	1.14E+08	+	0.019835
Glb1	MmuINT0069072	chr9	1.14E+08	1.14E+08	+	0.015279
Glb1	MmuINT0069073	chr9	1.14E+08	1.14E+08	+	0.010258
Glb1	MmuINT0069074	chr9	1.14E+08	1.14E+08	+	0.00873
Glb1	MmuINT0069075	chr9	1.14E+08	1.14E+08	+	0.013843
Glb1	MmuINT0069076	chr9	1.14E+08	1.14E+08	+	0.012471
Glb1	MmuINT0069077	chr9	1.14E+08	1.14E+08	+	0.021476
Glb1	MmuINT0069078	chr9	1.14E+08	1.14E+08	+	0.019002
Glb1	MmuINT0069079	chr9	1.14E+08	1.14E+08	+	0.012074
Glb1	MmuINT0069080	chr9	1.14E+08	1.14E+08	+	0.016702
Glb1	MmuINT0069081	chr9	1.14E+08	1.14E+08	+	0.018426
Glb1	MmuINT0069082	chr9	1.14E+08	1.14E+08	+	0.011817
Glb1	MmuINT0069083	chr9	1.14E+08	1.14E+08	+	0.023053
Glb1l	MmuINT0069086	chr1	75198049	75198317	-	0.609966
Glb1l	MmuINT0069089	chr1	75197037	75197518	-	0.100881
Glb1l	MmuINT0069090	chr1	75196702	75196904	-	0.06836
Glb1l	MmuINT0069091	chr1	75196333	75196485	-	0.073573
Glb1l	MmuINT0069093	chr1	75205413	75205630	-	0.595813
Glb1l	MmuINT0069098	chr1	75198884	75198982	-	0.446436
Glb1l	MmuINT0069099	chr1	75198666	75198761	-	0.691977
Glcci1	MmuINT0069142	chr6	8529740	8532579	+	0.023571
Glce	MmuINT0069145	chr9	61916438	61917821	-	0.03406
Glce	MmuINT0069146	chr9	61908843	61916191	-	0.052583
Gle1	MmuINT0069180	chr2	29791119	29791529	+	0.010199
Gle1	MmuINT0069182	chr2	29804867	29806121	+	0.008376
Gle1	MmuINT0069184	chr2	29808180	29811125	+	0.019801
Gle1	MmuINT0069186	chr2	29813334	29813966	+	0.018996
Gle1	MmuINT0069187	chr2	29791758	29794014	+	0.005593
Gle1	MmuINT0069188	chr2	29794126	29794654	+	0.043909
Gle1	MmuINT0069189	chr2	29794804	29795002	+	0.020649
Gle1	MmuINT0069191	chr2	29795857	29798057	+	0.00869
Gle1	MmuINT0069192	chr2	29798287	29799244	+	0.011356
Gle1	MmuINT0069193	chr2	29799358	29799508	+	0.00872
Gle1	MmuINT0069194	chr2	29799579	29804409	+	0.031848
Glg1	MmuINT0069195	chr8	1.14E+08	1.14E+08	-	0.005971
Glg1	MmuINT0069196	chr8	1.14E+08	1.14E+08	-	0.007392
Glg1	MmuINT0069197	chr8	1.14E+08	1.14E+08	-	0.002728
Glg1	MmuINT0069198	chr8	1.14E+08	1.14E+08	-	0.003089
Glg1	MmuINT0069199	chr8	1.14E+08	1.14E+08	-	0.00389
Glg1	MmuINT0069200	chr8	1.14E+08	1.14E+08	-	0.003458
Glg1	MmuINT0069201	chr8	1.14E+08	1.14E+08	-	0.004269
Glg1	MmuINT0069202	chr8	1.14E+08	1.14E+08	-	0.004331
Glg1	MmuINT0069203	chr8	1.14E+08	1.14E+08	-	0.006018
Glg1	MmuINT0069204	chr8	1.14E+08	1.14E+08	-	0.003661
Glg1	MmuINT0069205	chr8	1.14E+08	1.14E+08	-	0.002596
Glg1	MmuINT0069206	chr8	1.14E+08	1.14E+08	-	0.005091
Glg1	MmuINT0069207	chr8	1.14E+08	1.14E+08	-	0.002836

Glg1	MmuINT0069208	chr8	1.14E+08	1.14E+08	-	0.00323
Glg1	MmuINT0069209	chr8	1.14E+08	1.14E+08	-	0.003932
Glg1	MmuINT0069210	chr8	1.14E+08	1.14E+08	-	0.012444
Glg1	MmuINT0069211	chr8	1.14E+08	1.14E+08	-	0.010421
Glg1	MmuINT0069212	chr8	1.14E+08	1.14E+08	-	0.004037
Glg1	MmuINT0069213	chr8	1.14E+08	1.14E+08	-	0.003497
Glg1	MmuINT0069214	chr8	1.14E+08	1.14E+08	-	0.003401
Glg1	MmuINT0069215	chr8	1.14E+08	1.14E+08	-	0.004033
Glg1	MmuINT0069216	chr8	1.14E+08	1.14E+08	-	0.003783
Glg1	MmuINT0069217	chr8	1.14E+08	1.14E+08	-	0.004531
Glg1	MmuINT0069218	chr8	1.14E+08	1.14E+08	-	0.004835
Glg1	MmuINT0069219	chr8	1.14E+08	1.14E+08	-	0.00314
Glpr1	MmuINT0069261	chr10	1.11E+08	1.11E+08	-	0.950286
Glpr1	MmuINT0069262	chr10	1.11E+08	1.11E+08	-	0.938847
Glpr2	MmuINT0069273	chr4	43981093	43981443	+	0.05588
Glpr2	MmuINT0069274	chr4	43981548	43983371	+	0.049895
Glpr2	MmuINT0069275	chr4	43983450	43990334	+	0.069553
Glis2	MmuINT0069286	chr16	4594936	4608597	+	0.071876
Glis2	MmuINT0069287	chr16	4608819	4610257	+	0.061309
Glis2	MmuINT0069288	chr16	4610431	4611279	+	0.040186
Glis2	MmuINT0069289	chr16	4611457	4611532	+	0.097528
Glis2	MmuINT0069290	chr16	4611667	4611750	+	0.085745
Glis2	MmuINT0069291	chr16	4611870	4613385	+	0.060498
Glmn	MmuINT0069303	chr5	1.08E+08	1.08E+08	-	0.106007
Glmn	MmuINT0069304	chr5	1.08E+08	1.08E+08	-	0.05855
Glmn	MmuINT0069307	chr5	1.08E+08	1.08E+08	-	0.060627
Glmn	MmuINT0069308	chr5	1.08E+08	1.08E+08	-	0.086418
Glmn	MmuINT0069309	chr5	1.08E+08	1.08E+08	-	0.063518
Glmn	MmuINT0069310	chr5	1.08E+08	1.08E+08	-	0.065727
Glmn	MmuINT0069311	chr5	1.08E+08	1.08E+08	-	0.059346
Glmn	MmuINT0069313	chr5	1.08E+08	1.08E+08	-	0.062684
Glmn	MmuINT0069314	chr5	1.08E+08	1.08E+08	-	0.034005
Glmn	MmuINT0069315	chr5	1.08E+08	1.08E+08	-	0.044701
Glmn	MmuINT0069316	chr5	1.08E+08	1.08E+08	-	0.075913
Glmn	MmuINT0069317	chr5	1.08E+08	1.08E+08	-	0.048128
Glmn	MmuINT0069318	chr5	1.08E+08	1.08E+08	-	0.06259
Glod4	MmuINT0069325	chr11	76054425	76057056	-	0.008768
Glod4	MmuINT0069326	chr11	76053075	76054374	-	0.00764
Glod4	MmuINT0069327	chr11	76051316	76052953	-	0.002414
Glod4	MmuINT0069328	chr11	76048028	76051170	-	0.003048
Glod4	MmuINT0069329	chr11	76047489	76047890	-	0.003519
Glod4	MmuINT0069330	chr11	76046818	76047401	-	0.003679
Glod4	MmuINT0069331	chr11	76046611	76046703	-	0.003267
Glod4	MmuINT0069332	chr11	76035534	76046523	-	0.003216
Glrx	MmuINT0069404	chr13	75977624	75984617	+	0.003699
Glrx	MmuINT0069405	chr13	75984747	75986691	+	0.012294
Glrx2	MmuINT0069406	chr1	1.46E+08	1.46E+08	+	0.01064
Glrx2	MmuINT0069407	chr1	1.46E+08	1.46E+08	+	0.013155
Glrx2	MmuINT0069408	chr1	1.46E+08	1.46E+08	+	0.030595
Glrx5	MmuINT0069421	chr12	1.06E+08	1.06E+08	+	0.001538

Gls	MmuINT0069423	chr1	52225406	52225740	-	0.037943
Gls	MmuINT0069424	chr1	52225244	52225328	-	0.045325
Gls	MmuINT0069425	chr1	52223159	52225179	-	0.031589
Gls	MmuINT0069426	chr1	52276884	52289435	-	0.010345
Gls	MmuINT0069427	chr1	52253060	52253586	-	0.016622
Gls	MmuINT0069428	chr1	52248132	52253008	-	0.010562
Gls	MmuINT0069429	chr1	52246399	52247954	-	0.005586
Gls	MmuINT0069430	chr1	52245616	52246266	-	0.003689
Gls	MmuINT0069431	chr1	52244639	52245522	-	0.066283
Gls	MmuINT0069432	chr1	52276454	52276786	-	0.006701
Gls	MmuINT0069433	chr1	52272539	52276331	-	0.017612
Gls	MmuINT0069434	chr1	52271402	52272408	-	0.006542
Gls	MmuINT0069435	chr1	52269211	52271321	-	0.005659
Gls	MmuINT0069436	chr1	52264204	52269046	-	0.004097
Gls	MmuINT0069437	chr1	52256732	52264144	-	0.035234
Gls	MmuINT0069438	chr1	52256614	52256698	-	0.008003
Gls	MmuINT0069439	chr1	52253654	52256554	-	0.019668
Glt25d1	MmuINT0069468	chr8	74135344	74135982	+	0.012709
Glt25d1	MmuINT0069469	chr8	74146730	74146988	+	0.023743
Glt25d1	MmuINT0069470	chr8	74147196	74147391	+	0.028126
Glt25d1	MmuINT0069471	chr8	74136094	74136808	+	0.009672
Glt25d1	MmuINT0069472	chr8	74136927	74141448	+	0.006222
Glt25d1	MmuINT0069473	chr8	74141584	74141973	+	0.004325
Glt25d1	MmuINT0069474	chr8	74142179	74143550	+	0.022034
Glt25d1	MmuINT0069475	chr8	74143671	74144499	+	0.005977
Glt25d1	MmuINT0069476	chr8	74144577	74144646	+	0.008462
Glt25d1	MmuINT0069477	chr8	74144754	74145662	+	0.006098
Glt25d1	MmuINT0069478	chr8	74145796	74146601	+	0.10327
Glt25d2	MmuINT0069481	chr1	1.54E+08	1.54E+08	+	0.029023
Glt28d2	MmuINT0069490	chr3	85676113	85691048	-	0.054683
Glt8d1	MmuINT0069495	chr14	31815184	31819644	+	0.384918
Glt8d1	MmuINT0069496	chr14	31819699	31819818	+	0.018007
Glt8d1	MmuINT0069497	chr14	31819918	31821839	+	0.014471
Glt8d1	MmuINT0069498	chr14	31822054	31822920	+	0.011446
Glt8d1	MmuINT0069499	chr14	31823039	31823266	+	0.215406
Glt8d1	MmuINT0069500	chr14	31823352	31823482	+	0.129324
Glt8d1	MmuINT0069501	chr14	31823596	31824049	+	0.138184
Glt8d1	MmuINT0069502	chr14	31824217	31824306	+	0.106734
Glt8d1	MmuINT0069503	chr14	31824420	31824670	+	0.090506
Gltp	MmuINT0069513	chr5	1.15E+08	1.15E+08	-	0.012355
Gltp	MmuINT0069514	chr5	1.15E+08	1.15E+08	-	0.011969
Gltp	MmuINT0069515	chr5	1.15E+08	1.15E+08	-	0.019835
Gltp	MmuINT0069516	chr5	1.15E+08	1.15E+08	-	0.01118
Gltpd1	MmuINT0069517	chr4	1.55E+08	1.55E+08	-	0.039719
Gltpd1	MmuINT0069518	chr4	1.55E+08	1.55E+08	-	0.173829
Gltscr1	MmuINT0069522	chr7	16561163	16562399	-	0.059861
Gltscr1	MmuINT0069523	chr7	16560810	16561013	-	0.043336
Gltscr1	MmuINT0069524	chr7	16560535	16560714	-	0.040796
Gltscr1	MmuINT0069525	chr7	16558239	16560431	-	0.046949
Gltscr1	MmuINT0069528	chr7	16574790	16578428	-	0.053739

Gltscr1	MmuINT0069529	chr7	16572439	16572827	-	0.109896
Gltscr1	MmuINT0069530	chr7	16565336	16572261	-	0.081885
Gltscr1	MmuINT0069531	chr7	16564545	16564699	-	0.043835
Gltscr1	MmuINT0069532	chr7	16564148	16564363	-	0.037669
Gltscr1	MmuINT0069533	chr7	16562462	16564037	-	0.041999
Gltscr2	MmuINT0069535	chr7	16523778	16524259	-	0.004367
Gltscr2	MmuINT0069536	chr7	16523580	16523700	-	0.002589
Gltscr2	MmuINT0069537	chr7	16523239	16523522	-	0.021183
Gltscr2	MmuINT0069541	chr7	16525583	16527088	-	0.000477
Gltscr2	MmuINT0069542	chr7	16525183	16525486	-	0.000234
Gltscr2	MmuINT0069543	chr7	16525004	16525077	-	0.003726
Gltscr2	MmuINT0069544	chr7	16524614	16524802	-	0.002134
Glud1	MmuINT0069546	chr14	35124529	35133067	+	0.005739
Glud1	MmuINT0069549	chr14	35155368	35156789	+	0.005608
Glud1	MmuINT0069550	chr14	35133149	35134953	+	0.002663
Glud1	MmuINT0069551	chr14	35135010	35138698	+	0.003805
Glud1	MmuINT0069552	chr14	35138763	35142474	+	0.006541
Glud1	MmuINT0069553	chr14	35142570	35147297	+	0.007868
Glud1	MmuINT0069554	chr14	35147478	35148487	+	0.001494
Glud1	MmuINT0069555	chr14	35148626	35149278	+	0.000094
Glul	MmuINT0069558	chr1	1.56E+08	1.56E+08	+	0.000277
Glyr1	MmuINT0069580	chr16	5048880	5049898	-	0.080649
Glyr1	MmuINT0069581	chr16	5020462	5021430	-	0.106634
Glyr1	MmuINT0069582	chr16	5019543	5020359	-	0.019797
Glyr1	MmuINT0069583	chr16	5019113	5019379	-	0.02856
Glyr1	MmuINT0069584	chr16	5018618	5018932	-	0.018281
Glyr1	MmuINT0069585	chr16	5015696	5018492	-	0.012371
Glyr1	MmuINT0069586	chr16	5047907	5048842	-	0.008226
Glyr1	MmuINT0069587	chr16	5037151	5047826	-	0.003921
Glyr1	MmuINT0069588	chr16	5036569	5037011	-	0.004489
Glyr1	MmuINT0069589	chr16	5032067	5036328	-	0.009328
Glyr1	MmuINT0069590	chr16	5030335	5031979	-	0.007188
Glyr1	MmuINT0069591	chr16	5029647	5030277	-	0.040031
Glyr1	MmuINT0069592	chr16	5029501	5029595	-	0.007064
Glyr1	MmuINT0069593	chr16	5026701	5029426	-	0.018273
Gm10516	MmuINT0069759	chr1	1.94E+08	1.94E+08	+	0.089417
Gm11428	MmuINT0069891	chr11	83517676	83518295	+	0.018142
Gm11428	MmuINT0069892	chr11	83518445	83519569	+	0.035183
Gm11818	MmuINT0069947	chr4	12834086	12845062	+	0.058627
Gm11818	MmuINT0069948	chr4	12890171	12901876	+	0.042839
Gm11818	MmuINT0069949	chr4	12901963	12907551	+	0.036874
Gm11978	MmuINT0069956	chr11	6558624	6559563	-	0.951252
Gm12070	MmuINT0069967	chr11	26685479	26686584	+	0.999782
Gm12824	MmuINT0070023	chr4	1.14E+08	1.14E+08	+	0.020684
Gm12824	MmuINT0070024	chr4	1.14E+08	1.14E+08	+	0.00328
Gm12824	MmuINT0070025	chr4	1.14E+08	1.14E+08	+	0.001921
Gm12824	MmuINT0070026	chr4	1.14E+08	1.14E+08	+	0.009332
Gm12824	MmuINT0070027	chr4	1.14E+08	1.14E+08	+	0.003383
Gm12824	MmuINT0070028	chr4	1.14E+08	1.14E+08	+	0.005816
Gm129	MmuINT0070043	chr3	95685513	95686077	-	0.252257



Gm129	MmuINT0070047	chr3	95683073	95684331	-	0.263968
Gm13152	MmuINT0070099	chr4	1.47E+08	1.47E+08	+	0.013188
Gm13375	MmuINT0070145	chr2	20891011	20891100	+	0.169713
Gm13476	MmuINT0070146	chr2	44968514	44968618	+	0.261597
Gm14378	MmuINT0070222	chr8	4248353	4249204	+	0.963992
Gm14378	MmuINT0070223	chr8	4249342	4249425	+	0.246705
Gm14378	MmuINT0070224	chr8	4249747	4250266	+	0.138606
Gm14378	MmuINT0070225	chr8	4250382	4250466	+	0.064175
Gm14378	MmuINT0070226	chr8	4250626	4250848	+	0.495162
Gm14378	MmuINT0070227	chr8	4250922	4251292	+	0.364466
Gm14492	MmuINT0070253	chr7	1.5E+08	1.5E+08	-	0.980316
Gm16039	MmuINT0070365	chr6	8209494	8220472	+	0.038009
Gm16039	MmuINT0070366	chr6	8220582	8323905	+	0.035761
Gm16039	MmuINT0070367	chr6	8323968	8376970	+	0.031204
Gm16515	MmuINT0070397	chr11	60720503	60727130	-	0.032133
Gm16515	MmuINT0070398	chr11	60719624	60720383	-	0.022379
Gm16517	MmuINT0070400	chr10	79132529	79138144	+	0.022234
Gm166	MmuINT0070404	chr7	1.35E+08	1.35E+08	-	0.011326
Gm166	MmuINT0070405	chr7	1.35E+08	1.35E+08	-	0.079771
Gm166	MmuINT0070406	chr7	1.35E+08	1.35E+08	-	0.049362
Gm166	MmuINT0070407	chr7	1.35E+08	1.35E+08	-	0.020578
Gm166	MmuINT0070408	chr7	1.35E+08	1.35E+08	-	0.36308
Gm166	MmuINT0070409	chr7	1.35E+08	1.35E+08	-	0.013004
Gm166	MmuINT0070410	chr7	1.35E+08	1.35E+08	-	0.016612
Gm166	MmuINT0070411	chr7	1.35E+08	1.35E+08	-	0.012272
Gm1673	MmuINT0070423	chr5	34326214	34326405	+	0.256626
Gm1673	MmuINT0070424	chr5	34326546	34326700	+	0.04473
Gm1673	MmuINT0070425	chr5	34326790	34327546	+	0.046106
Gm2a	MmuINT0070515	chr11	54911747	54917088	+	0.015917
Gm2a	MmuINT0070516	chr11	54917251	54922399	+	0.014088
Gm2a	MmuINT0070517	chr11	54922583	54922879	+	0.009168
Gm505	MmuINT0070715	chr8	1.27E+08	1.27E+08	+	0.171265
Gm505	MmuINT0070716	chr8	1.27E+08	1.27E+08	+	0.198467
Gm505	MmuINT0070717	chr8	1.27E+08	1.27E+08	+	0.260688
Gm505	MmuINT0070718	chr8	1.27E+08	1.27E+08	+	0.066823
Gm527	MmuINT0070816	chr12	66022317	66023311	+	0.061575
Gm527	MmuINT0070818	chr12	66024629	66025146	+	0.052001
Gm561	MmuINT0070890	chr2	1.44E+08	1.44E+08	+	0.007388
Gm572	MmuINT0070923	chr4	1.48E+08	1.48E+08	+	0.014992
Gm572	MmuINT0070924	chr4	1.48E+08	1.48E+08	+	0.00912
Gm5901	MmuINT0070972	chr7	1.13E+08	1.13E+08	+	0.944932
Gm608	MmuINT0071037	chr16	44200792	44201850	+	0.037972
Gm608	MmuINT0071038	chr16	44201880	44205110	+	0.040742
Gm608	MmuINT0071039	chr16	44205194	44212752	+	0.053498
Gm608	MmuINT0071040	chr16	44212850	44215527	+	0.127196
Gm672	MmuINT0071125	chr18	75596879	75631518	-	0.087815
Gm672	MmuINT0071126	chr18	75595064	75596824	-	0.069933
Gm672	MmuINT0071127	chr18	75783955	75796786	-	0.058301
Gm672	MmuINT0071129	chr18	75770428	75771359	-	0.058948
Gm672	MmuINT0071130	chr18	75765358	75770322	-	0.043548

Gm672	MmuINT0071131	chr18	75724735	75765281	-	0.048025
Gm672	MmuINT0071132	chr18	75681524	75724657	-	0.03952
Gm672	MmuINT0071133	chr18	75679762	75681030	-	0.050709
Gm672	MmuINT0071134	chr18	75631675	75679392	-	0.051528
Gm6907	MmuINT0071179	chr14	60009811	60011866	-	0.050232
Gm6907	MmuINT0071180	chr14	60008237	60009702	-	0.100967
Gm71	MmuINT0071269	chr12	70683618	70683707	-	0.078109
Gm71	MmuINT0071270	chr12	70683333	70683506	-	0.199206
Gm71	MmuINT0071271	chr12	70682225	70683262	-	0.061793
Gm71	MmuINT0071272	chr12	70680998	70682104	-	0.045827
Gm71	MmuINT0071273	chr12	70678928	70680892	-	0.099718
Gm7120	MmuINT0071293	chr13	1.2E+08	1.2E+08	+	0.022796
Gm7120	MmuINT0071294	chr13	1.2E+08	1.2E+08	+	0.009207
Gm826	MmuINT0071417	chr2	1.6E+08	1.6E+08	-	0.006824
Gm889	MmuINT0071493	chr12	40903816	40907232	-	0.015787
Gmcl1	MmuINT0071627	chr6	86676191	86682904	-	0.042638
Gmcl1	MmuINT0071628	chr6	86654569	86657396	-	0.056356
Gmcl1	MmuINT0071629	chr6	86650652	86654492	-	0.04138
Gmcl1	MmuINT0071631	chr6	86643046	86647442	-	0.036238
Gmcl1	MmuINT0071632	chr6	86672660	86676066	-	0.063151
Gmcl1	MmuINT0071633	chr6	86671433	86672562	-	0.059689
Gmcl1	MmuINT0071634	chr6	86668099	86671334	-	0.108912
Gmcl1	MmuINT0071635	chr6	86667446	86667985	-	0.064208
Gmcl1	MmuINT0071636	chr6	86664254	86667379	-	0.114634
Gmcl1	MmuINT0071637	chr6	86661674	86664168	-	0.041979
Gmcl1	MmuINT0071638	chr6	86660647	86661582	-	0.06096
Gmcl1	MmuINT0071639	chr6	86657467	86660508	-	0.073098
Gmds	MmuINT0071640	chr13	32326267	32430250	-	0.06142
Gmds	MmuINT0071641	chr13	31911848	31912010	-	0.044716
Gmds	MmuINT0071643	chr13	32317114	32319083	-	0.056347
Gmds	MmuINT0071644	chr13	32219969	32317003	-	0.032241
Gmds	MmuINT0071647	chr13	32032472	32192225	-	0.052598
Gmds	MmuINT0071648	chr13	32009586	32032352	-	0.056787
Gmds	MmuINT0071649	chr13	31912080	32009488	-	0.047026
Gmeb1	MmuINT0071651	chr4	1.32E+08	1.32E+08	-	0.057709
Gmeb1	MmuINT0071653	chr4	1.32E+08	1.32E+08	-	0.036294
Gmeb1	MmuINT0071654	chr4	1.32E+08	1.32E+08	-	0.046806
Gmeb1	MmuINT0071655	chr4	1.32E+08	1.32E+08	-	0.034923
Gmeb1	MmuINT0071656	chr4	1.32E+08	1.32E+08	-	0.054374
Gmeb1	MmuINT0071657	chr4	1.32E+08	1.32E+08	-	0.145438
Gmeb1	MmuINT0071658	chr4	1.32E+08	1.32E+08	-	0.04744
Gmeb1	MmuINT0071659	chr4	1.32E+08	1.32E+08	-	0.049492
Gmeb2	MmuINT0071661	chr2	1.81E+08	1.81E+08	-	0.08883
Gmeb2	MmuINT0071662	chr2	1.81E+08	1.81E+08	-	0.079648
Gmeb2	MmuINT0071663	chr2	1.81E+08	1.81E+08	-	0.171322
Gmeb2	MmuINT0071664	chr2	1.81E+08	1.81E+08	-	0.184552
Gmeb2	MmuINT0071665	chr2	1.81E+08	1.81E+08	-	0.033492
Gmeb2	MmuINT0071666	chr2	1.81E+08	1.81E+08	-	0.05295
Gmeb2	MmuINT0071667	chr2	1.81E+08	1.81E+08	-	0.033762
Gmeb2	MmuINT0071668	chr2	1.81E+08	1.81E+08	-	0.042203

Gmeb2	MmuINT0071669	chr2	1.81E+08	1.81E+08	-	0.174085
Gmfb	MmuINT0071670	chr14	47437158	47441775	-	0.029957
Gmfb	MmuINT0071671	chr14	47435903	47437060	-	0.03059
Gmfb	MmuINT0071672	chr14	47435324	47435852	-	0.091237
Gmfb	MmuINT0071673	chr14	47434663	47435273	-	0.057448
Gmfb	MmuINT0071674	chr14	47433993	47434579	-	0.022481
Gmfb	MmuINT0071675	chr14	47431499	47433918	-	0.021623
Gmip	MmuINT0071684	chr8	72338075	72338293	+	0.051946
Gmip	MmuINT0071685	chr8	72338491	72339332	+	0.412417
Gmip	MmuINT0071686	chr8	72339443	72339512	+	0.263157
Gmip	MmuINT0071687	chr8	72339591	72339949	+	0.059209
Gmip	MmuINT0071688	chr8	72340028	72340107	+	0.056986
Gmip	MmuINT0071690	chr8	72340825	72340901	+	0.062014
Gmip	MmuINT0071691	chr8	72341040	72341131	+	0.102812
Gmip	MmuINT0071692	chr8	72341329	72341621	+	0.074771
Gmip	MmuINT0071693	chr8	72342010	72344332	+	0.223858
Gmip	MmuINT0071694	chr8	72333758	72334528	+	0.550184
Gmip	MmuINT0071695	chr8	72344400	72344495	+	0.115923
Gmip	MmuINT0071699	chr8	72335332	72335431	+	0.046103
Gmip	MmuINT0071700	chr8	72335540	72337514	+	0.324852
Gmip	MmuINT0071701	chr8	72337596	72337680	+	0.285837
Gmip	MmuINT0071702	chr8	72337852	72337936	+	0.121119
Gmnn	MmuINT0071706	chr13	24852087	24853681	-	0.010896
Gmnn	MmuINT0071707	chr13	24849543	24852028	-	0.000374
Gmnn	MmuINT0071708	chr13	24848605	24849464	-	0.002501
Gmnn	MmuINT0071709	chr13	24845610	24848468	-	0.003105
Gmnn	MmuINT0071710	chr13	24845328	24845526	-	0.001712
Gmnn	MmuINT0071711	chr13	24844100	24845216	-	0.006075
Gmppa	MmuINT0071712	chr1	75432587	75433352	+	0.438431
Gmppa	MmuINT0071713	chr1	75438607	75438759	+	0.128447
Gmppa	MmuINT0071714	chr1	75438853	75439018	+	0.047495
Gmppa	MmuINT0071715	chr1	75439188	75439475	+	0.043566
Gmppa	MmuINT0071716	chr1	75433414	75433511	+	0.007445
Gmppa	MmuINT0071717	chr1	75433610	75434825	+	0.027726
Gmppa	MmuINT0071718	chr1	75434930	75435416	+	0.044481
Gmppa	MmuINT0071719	chr1	75435604	75435919	+	0.008587
Gmppa	MmuINT0071720	chr1	75435980	75436986	+	0.008863
Gmppa	MmuINT0071721	chr1	75437118	75438049	+	0.529564
Gmppa	MmuINT0071722	chr1	75438185	75438304	+	0.013567
Gmppa	MmuINT0071723	chr1	75438403	75438559	+	0.090545
Gmppb	MmuINT0071724	chr9	1.08E+08	1.08E+08	+	0.03257
Gmppb	MmuINT0071725	chr9	1.08E+08	1.08E+08	+	0.031661
Gmppb	MmuINT0071726	chr9	1.08E+08	1.08E+08	+	0.056034
Gmppb	MmuINT0071727	chr9	1.08E+08	1.08E+08	+	0.027499
Gmppb	MmuINT0071728	chr9	1.08E+08	1.08E+08	+	0.027029
Gmppb	MmuINT0071729	chr9	1.08E+08	1.08E+08	+	0.031644
Gmppb	MmuINT0071730	chr9	1.08E+08	1.08E+08	+	0.048077
Gmppb	MmuINT0071731	chr9	1.08E+08	1.08E+08	+	0.026312
Gmpr	MmuINT0071732	chr13	45603113	45609763	+	0.001404
Gmpr	MmuINT0071733	chr13	45609884	45612367	+	0.0013

Gmpr	MmuINT0071734	chr13	45612452	45616220	+	0.001951
Gmpr	MmuINT0071735	chr13	45616395	45625076	+	0.002678
Gmpr	MmuINT0071736	chr13	45625159	45627662	+	0.00114
Gmpr	MmuINT0071737	chr13	45627770	45634393	+	0.009506
Gmpr	MmuINT0071738	chr13	45634437	45637847	+	0.004868
Gmpr	MmuINT0071739	chr13	45638008	45641241	+	0.00585
Gmpr2	MmuINT0071740	chr14	56291222	56291542	+	0.032626
Gmpr2	MmuINT0071741	chr14	56291639	56291786	+	0.013247
Gmpr2	MmuINT0071742	chr14	56291907	56294163	+	0.104364
Gmpr2	MmuINT0071743	chr14	56294248	56294395	+	0.01724
Gmpr2	MmuINT0071744	chr14	56294570	56295591	+	0.104375
Gmpr2	MmuINT0071745	chr14	56295674	56295764	+	0.217836
Gmpr2	MmuINT0071746	chr14	56295872	56296042	+	0.23371
Gmpr2	MmuINT0071747	chr14	56296086	56296707	+	0.142602
Gmpr2	MmuINT0071748	chr14	56296868	56297060	+	0.092086
Gmps	MmuINT0071749	chr3	63780233	63784057	+	0.00398
Gmps	MmuINT0071750	chr3	63800835	63802523	+	0.006517
Gmps	MmuINT0071756	chr3	63784240	63786332	+	0.007099
Gmps	MmuINT0071757	chr3	63786448	63789521	+	0.005989
Gmps	MmuINT0071758	chr3	63789620	63791580	+	0.005152
Gmps	MmuINT0071759	chr3	63791685	63794076	+	0.005498
Gmps	MmuINT0071760	chr3	63794271	63794438	+	0.00427
Gmps	MmuINT0071761	chr3	63794605	63797112	+	0.004103
Gmps	MmuINT0071762	chr3	63797265	63797721	+	0.003846
Gmps	MmuINT0071763	chr3	63797896	63800728	+	0.005661
Gna11	MmuINT0071764	chr10	80998010	81007536	-	0.020001
Gna11	MmuINT0071765	chr10	80996152	80997824	-	0.014124
Gna11	MmuINT0071766	chr10	80995270	80995996	-	0.027716
Gna11	MmuINT0071767	chr10	80994197	80995140	-	0.02543
Gna11	MmuINT0071768	chr10	80993991	80994066	-	0.00668
Gna11	MmuINT0071769	chr10	80993731	80993836	-	0.005184
Gna12	MmuINT0071770	chr5	1.41E+08	1.41E+08	-	0.003373
Gna12	MmuINT0071771	chr5	1.41E+08	1.41E+08	-	0.003036
Gna12	MmuINT0071772	chr5	1.41E+08	1.41E+08	-	0.002232
Gna13	MmuINT0071773	chr11	1.09E+08	1.09E+08	+	0.034472
Gna13	MmuINT0071774	chr11	1.09E+08	1.09E+08	+	0.041619
Gna13	MmuINT0071775	chr11	1.09E+08	1.09E+08	+	0.02282
Gnai1	MmuINT0071791	chr5	17795471	17797280	-	0.031064
Gnai2	MmuINT0071795	chr9	1.08E+08	1.08E+08	-	0.002206
Gnai2	MmuINT0071796	chr9	1.08E+08	1.08E+08	-	0.00127
Gnai2	MmuINT0071797	chr9	1.08E+08	1.08E+08	-	0.016344
Gnai2	MmuINT0071798	chr9	1.08E+08	1.08E+08	-	0.015009
Gnai2	MmuINT0071800	chr9	1.08E+08	1.08E+08	-	0.012801
Gnai2	MmuINT0071801	chr9	1.08E+08	1.08E+08	-	0.020277
Gnai2	MmuINT0071802	chr9	1.08E+08	1.08E+08	-	0.009223
Gnai3	MmuINT0071804	chr3	1.08E+08	1.08E+08	-	0.028768
Gnai3	MmuINT0071805	chr3	1.08E+08	1.08E+08	-	0.019468
Gnai3	MmuINT0071806	chr3	1.08E+08	1.08E+08	-	0.016932
Gnai3	MmuINT0071807	chr3	1.08E+08	1.08E+08	-	0.031701
Gnai3	MmuINT0071808	chr3	1.08E+08	1.08E+08	-	0.020924

Gnai3	MmuINT0071809	chr3	1.08E+08	1.08E+08	-	0.040114
Gnai3	MmuINT0071810	chr3	1.08E+08	1.08E+08	-	0.01017
Gnao1	MmuINT0071824	chr8	96478029	96479964	+	0.065119
Gnao1	MmuINT0071825	chr8	96335354	96335550	+	0.022807
Gnao1	MmuINT0071826	chr8	96335594	96420130	+	0.024334
Gnao1	MmuINT0071827	chr8	96420273	96468097	+	0.024905
Gnao1	MmuINT0071828	chr8	96468259	96473303	+	0.010862
Gnao1	MmuINT0071829	chr8	96473433	96474201	+	0.017249
Gnao1	MmuINT0071830	chr8	96474332	96487283	+	0.064087
Gnao1	MmuINT0071831	chr8	96487438	96490767	+	0.024617
Gnao1	MmuINT0071832	chr8	96490984	96491931	+	0.46325
Gnaq	MmuINT0071833	chr19	16207952	16294077	+	0.017109
Gnaq	MmuINT0071834	chr19	16294263	16390506	+	0.012396
Gnaq	MmuINT0071835	chr19	16390662	16406566	+	0.023971
Gnaq	MmuINT0071836	chr19	16406696	16409470	+	0.016687
Gnaq	MmuINT0071837	chr19	16409601	16452646	+	0.018594
Gnaq	MmuINT0071838	chr19	16452801	16457693	+	0.016062
Gnas	MmuINT0071844	chr2	1.74E+08	1.74E+08	+	0.000992
Gnas	MmuINT0071845	chr2	1.74E+08	1.74E+08	+	0.001015
Gnas	MmuINT0071846	chr2	1.74E+08	1.74E+08	+	0.000998
Gnas	MmuINT0071848	chr2	1.74E+08	1.74E+08	+	0.007088
Gnas	MmuINT0071849	chr2	1.74E+08	1.74E+08	+	0.005526
Gnas	MmuINT0071850	chr2	1.74E+08	1.74E+08	+	0.000836
Gnas	MmuINT0071851	chr2	1.74E+08	1.74E+08	+	0.001253
Gnas	MmuINT0071852	chr2	1.74E+08	1.74E+08	+	0.002397
Gnas	MmuINT0071853	chr2	1.74E+08	1.74E+08	+	0.001141
Gnas	MmuINT0071854	chr2	1.74E+08	1.74E+08	+	0.000691
Gnas	MmuINT0071856	chr2	1.74E+08	1.74E+08	+	0.972953
Gnb1	MmuINT0071886	chr4	1.55E+08	1.55E+08	+	0.019325
Gnb1	MmuINT0071887	chr4	1.55E+08	1.55E+08	+	0.003369
Gnb1	MmuINT0071888	chr4	1.55E+08	1.55E+08	+	0.002765
Gnb1	MmuINT0071889	chr4	1.55E+08	1.55E+08	+	0.00401
Gnb1	MmuINT0071890	chr4	1.55E+08	1.55E+08	+	0.0094
Gnb1	MmuINT0071891	chr4	1.55E+08	1.55E+08	+	0.002951
Gnb1	MmuINT0071892	chr4	1.55E+08	1.55E+08	+	0.014306
Gnb1	MmuINT0071893	chr4	1.55E+08	1.55E+08	+	0.004626
Gnb1	MmuINT0071894	chr4	1.55E+08	1.55E+08	+	0.005081
Gnb1l	MmuINT0071897	chr16	18540669	18541064	+	0.068999
Gnb1l	MmuINT0071898	chr16	18541191	18544203	+	0.049848
Gnb1l	MmuINT0071899	chr16	18544367	18548185	+	0.071517
Gnb1l	MmuINT0071900	chr16	18548285	18552459	+	0.059355
Gnb1l	MmuINT0071901	chr16	18552676	18564127	+	0.04667
Gnb2	MmuINT0071903	chr5	1.38E+08	1.38E+08	-	0.075222
Gnb2	MmuINT0071904	chr5	1.38E+08	1.38E+08	-	0.022047
Gnb2	MmuINT0071905	chr5	1.38E+08	1.38E+08	-	0.00783
Gnb2	MmuINT0071906	chr5	1.38E+08	1.38E+08	-	0.04323
Gnb2	MmuINT0071907	chr5	1.38E+08	1.38E+08	-	0.017897
Gnb2	MmuINT0071908	chr5	1.38E+08	1.38E+08	-	0.001602
Gnb2	MmuINT0071909	chr5	1.38E+08	1.38E+08	-	0.030734
Gnb2	MmuINT0071910	chr5	1.38E+08	1.38E+08	-	0.006208

Gnb2	MmuINT0071911	chr5	1.38E+08	1.38E+08	-	0.002227
Gnb2l1	MmuINT0071912	chr11	48614075	48615164	+	0.00217
Gnb2l1	MmuINT0071913	chr11	48615337	48615774	+	0.014624
Gnb2l1	MmuINT0071914	chr11	48615923	48616905	+	0.002862
Gnb2l1	MmuINT0071915	chr11	48617002	48617359	+	0.000642
Gnb2l1	MmuINT0071916	chr11	48617471	48617657	+	0.000386
Gnb2l1	MmuINT0071917	chr11	48617799	48619046	+	0.000928
Gnb2l1	MmuINT0071918	chr11	48619158	48619481	+	0.000383
Gnb3	MmuINT0071919	chr6	1.25E+08	1.25E+08	-	0.045188
Gnb3	MmuINT0071920	chr6	1.25E+08	1.25E+08	-	0.237307
Gnb3	MmuINT0071921	chr6	1.25E+08	1.25E+08	-	0.0417
Gnb3	MmuINT0071922	chr6	1.25E+08	1.25E+08	-	0.041912
Gnb3	MmuINT0071923	chr6	1.25E+08	1.25E+08	-	0.03381
Gnb3	MmuINT0071924	chr6	1.25E+08	1.25E+08	-	0.021564
Gnb3	MmuINT0071925	chr6	1.25E+08	1.25E+08	-	0.031045
Gnb3	MmuINT0071926	chr6	1.25E+08	1.25E+08	-	0.036131
Gnb3	MmuINT0071927	chr6	1.25E+08	1.25E+08	-	0.06451
Gnb4	MmuINT0071931	chr3	32492144	32495198	-	0.115312
Gnb4	MmuINT0071932	chr3	32490196	32492079	-	0.275744
Gnb4	MmuINT0071933	chr3	32488986	32490032	-	0.196223
Gnb4	MmuINT0071934	chr3	32488833	32488918	-	0.187771
Gnb4	MmuINT0071935	chr3	32486700	32488630	-	0.115786
Gnb4	MmuINT0071936	chr3	32484149	32486482	-	0.051746
Gnb5	MmuINT0071937	chr9	75191412	75192287	+	0.025257
Gnb5	MmuINT0071938	chr9	75192455	75192759	+	0.008063
Gnb5	MmuINT0071939	chr9	75162191	75174939	+	0.005903
Gnb5	MmuINT0071940	chr9	75175077	75179679	+	0.010998
Gnb5	MmuINT0071941	chr9	75179722	75180615	+	0.01738
Gnb5	MmuINT0071942	chr9	75180693	75181975	+	0.016645
Gnb5	MmuINT0071943	chr9	75182109	75183457	+	0.00624
Gnb5	MmuINT0071944	chr9	75183602	75185077	+	0.011303
Gnb5	MmuINT0071945	chr9	75185170	75187994	+	0.011191
Gnb5	MmuINT0071946	chr9	75188044	75191314	+	0.019908
Gne	MmuINT0071949	chr4	44051936	44053125	-	0.048221
Gne	MmuINT0071950	chr4	44073100	44079626	-	0.032221
Gne	MmuINT0071951	chr4	44068230	44072647	-	0.059545
Gne	MmuINT0071952	chr4	44065856	44068076	-	0.014443
Gne	MmuINT0071953	chr4	44058863	44065642	-	0.042098
Gne	MmuINT0071954	chr4	44057842	44058774	-	0.022005
Gne	MmuINT0071955	chr4	44055165	44057630	-	0.015371
Gne	MmuINT0071956	chr4	44054757	44055034	-	0.024885
Gne	MmuINT0071957	chr4	44053309	44054534	-	0.02552
Gng10	MmuINT0071958	chr4	59048191	59052098	+	0.012213
Gng10	MmuINT0071959	chr4	59052231	59053946	+	0.015877
Gng11	MmuINT0071960	chr6	3954412	3958034	+	0.006571
Gng12	MmuINT0071963	chr6	66846984	66864446	+	0.055666
Gng12	MmuINT0071964	chr6	66864505	66893818	+	0.038603
Gng12	MmuINT0071965	chr6	66965838	66967457	+	0.008378
Gng2	MmuINT0071970	chr14	20710624	20779875	-	0.029287
Gng2	MmuINT0071971	chr14	20695158	20710507	-	0.016705

Gngt2	MmuINT0071990	chr11	95706455	95706796	+	0.031677
Gnl1	MmuINT0071991	chr17	36117193	36117561	+	0.078213
Gnl1	MmuINT0071992	chr17	36124833	36125057	+	0.004309
Gnl1	MmuINT0071993	chr17	36125199	36125465	+	0.004757
Gnl1	MmuINT0071994	chr17	36117728	36118006	+	0.005261
Gnl1	MmuINT0071995	chr17	36118144	36118251	+	0.003766
Gnl1	MmuINT0071996	chr17	36118404	36118502	+	0.006557
Gnl1	MmuINT0071997	chr17	36118575	36119469	+	0.01228
Gnl1	MmuINT0071998	chr17	36119678	36119891	+	0.003378
Gnl1	MmuINT0071999	chr17	36119988	36120339	+	0.003216
Gnl1	MmuINT0072000	chr17	36120535	36124409	+	0.005437
Gnl1	MmuINT0072001	chr17	36124589	36124669	+	0.003384
Gnl2	MmuINT0072002	chr4	1.25E+08	1.25E+08	+	0.009703
Gnl2	MmuINT0072003	chr4	1.25E+08	1.25E+08	+	0.006032
Gnl2	MmuINT0072004	chr4	1.25E+08	1.25E+08	+	0.008916
Gnl2	MmuINT0072005	chr4	1.25E+08	1.25E+08	+	0.007596
Gnl2	MmuINT0072006	chr4	1.25E+08	1.25E+08	+	0.112186
Gnl2	MmuINT0072007	chr4	1.25E+08	1.25E+08	+	0.024445
Gnl2	MmuINT0072008	chr4	1.25E+08	1.25E+08	+	0.013453
Gnl2	MmuINT0072009	chr4	1.25E+08	1.25E+08	+	0.010657
Gnl2	MmuINT0072010	chr4	1.25E+08	1.25E+08	+	0.006914
Gnl2	MmuINT0072011	chr4	1.25E+08	1.25E+08	+	0.006899
Gnl2	MmuINT0072012	chr4	1.25E+08	1.25E+08	+	0.0147
Gnl2	MmuINT0072013	chr4	1.25E+08	1.25E+08	+	0.03353
Gnl2	MmuINT0072014	chr4	1.25E+08	1.25E+08	+	0.008622
Gnl2	MmuINT0072015	chr4	1.25E+08	1.25E+08	+	0.007638
Gnl2	MmuINT0072016	chr4	1.25E+08	1.25E+08	+	0.008112
Gnl3	MmuINT0072017	chr14	31831053	31832114	-	0.050405
Gnl3	MmuINT0072018	chr14	31826982	31827238	-	0.021385
Gnl3	MmuINT0072019	chr14	31826752	31826838	-	0.068566
Gnl3	MmuINT0072020	chr14	31826511	31826614	-	0.051757
Gnl3	MmuINT0072021	chr14	31825976	31826352	-	0.077992
Gnl3	MmuINT0072022	chr14	31825821	31825908	-	0.014683
Gnl3	MmuINT0072023	chr14	31830600	31830993	-	0.032823
Gnl3	MmuINT0072024	chr14	31830354	31830461	-	0.010918
Gnl3	MmuINT0072025	chr14	31830094	31830242	-	0.008259
Gnl3	MmuINT0072026	chr14	31829641	31830012	-	0.088611
Gnl3	MmuINT0072027	chr14	31828571	31829507	-	0.055274
Gnl3	MmuINT0072028	chr14	31828213	31828460	-	0.038326
Gnl3	MmuINT0072029	chr14	31827864	31828091	-	0.03168
Gnl3	MmuINT0072030	chr14	31827414	31827775	-	0.048955
Gnl3l	MmuINT0072031	chrX	1.47E+08	1.47E+08	-	0.024529
Gnl3l	MmuINT0072032	chrX	1.47E+08	1.47E+08	-	0.025654
Gnl3l	MmuINT0072033	chrX	1.47E+08	1.47E+08	-	0.008945
Gnl3l	MmuINT0072034	chrX	1.47E+08	1.47E+08	-	0.012184
Gnl3l	MmuINT0072035	chrX	1.47E+08	1.47E+08	-	0.014702
Gnl3l	MmuINT0072036	chrX	1.47E+08	1.47E+08	-	0.01242
Gnl3l	MmuINT0072037	chrX	1.47E+08	1.47E+08	-	0.018499
Gnl3l	MmuINT0072038	chrX	1.47E+08	1.47E+08	-	0.023708
Gnl3l	MmuINT0072039	chrX	1.47E+08	1.47E+08	-	0.012402

Gnl3l	MmuINT0072040	chrX	1.47E+08	1.47E+08	-	0.019527
Gnl3l	MmuINT0072041	chrX	1.47E+08	1.47E+08	-	0.032742
Gnl3l	MmuINT0072042	chrX	1.47E+08	1.47E+08	-	0.014537
Gnl3l	MmuINT0072043	chrX	1.47E+08	1.47E+08	-	0.011014
Gnl3l	MmuINT0072044	chrX	1.47E+08	1.47E+08	-	0.013505
Gnl3l	MmuINT0072045	chrX	1.47E+08	1.47E+08	-	0.014741
Gnmt	MmuINT0072046	chr17	46864342	46865894	-	0.124317
Gnmt	MmuINT0072047	chr17	46863666	46864213	-	0.111184
Gnmt	MmuINT0072048	chr17	46863361	46863554	-	0.090744
Gnmt	MmuINT0072049	chr17	46863132	46863217	-	0.103229
Gnmt	MmuINT0072050	chr17	46862921	46863009	-	0.029034
Gnpat	MmuINT0072051	chr8	1.27E+08	1.27E+08	+	0.003238
Gnpat	MmuINT0072052	chr8	1.27E+08	1.27E+08	+	0.021809
Gnpat	MmuINT0072053	chr8	1.27E+08	1.27E+08	+	0.007317
Gnpat	MmuINT0072054	chr8	1.27E+08	1.27E+08	+	0.001773
Gnpat	MmuINT0072055	chr8	1.27E+08	1.27E+08	+	0.011334
Gnpat	MmuINT0072056	chr8	1.27E+08	1.27E+08	+	0.028888
Gnpat	MmuINT0072057	chr8	1.27E+08	1.27E+08	+	0.01977
Gnpat	MmuINT0072058	chr8	1.27E+08	1.27E+08	+	0.001018
Gnpat	MmuINT0072059	chr8	1.27E+08	1.27E+08	+	0.002001
Gnpat	MmuINT0072060	chr8	1.27E+08	1.27E+08	+	0.012564
Gnpat	MmuINT0072061	chr8	1.27E+08	1.27E+08	+	0.00244
Gnpat	MmuINT0072062	chr8	1.27E+08	1.27E+08	+	0.003643
Gnpat	MmuINT0072063	chr8	1.27E+08	1.27E+08	+	0.000951
Gnpat	MmuINT0072064	chr8	1.27E+08	1.27E+08	+	0.001107
Gnpat	MmuINT0072065	chr8	1.27E+08	1.27E+08	+	0.012515
Gnpda1	MmuINT0072066	chr18	38497877	38498561	-	0.037438
Gnpda1	MmuINT0072067	chr18	38494772	38497744	-	0.023603
Gnpda2	MmuINT0072072	chr5	69981063	69983446	-	0.017517
Gnpda2	MmuINT0072073	chr5	69977806	69980899	-	0.01422
Gnpda2	MmuINT0072074	chr5	69976396	69977703	-	0.012901
Gnpda2	MmuINT0072075	chr5	69970932	69976212	-	0.07014
Gnpda2	MmuINT0072076	chr5	69969392	69970746	-	0.025324
Gnpda2	MmuINT0072077	chr5	69967193	69969216	-	0.04396
Gnpnat1	MmuINT0072079	chr14	46003132	46004255	-	0.066449
Gnptab	MmuINT0072083	chr10	87842281	87863396	+	0.024132
Gnptab	MmuINT0072084	chr10	87892756	87894077	+	0.012013
Gnptab	MmuINT0072085	chr10	87894202	87895185	+	0.021452
Gnptab	MmuINT0072086	chr10	87895390	87895793	+	0.013685
Gnptab	MmuINT0072087	chr10	87896834	87898746	+	0.009356
Gnptab	MmuINT0072088	chr10	87898947	87899096	+	0.008018
Gnptab	MmuINT0072089	chr10	87899317	87900179	+	0.01139
Gnptab	MmuINT0072090	chr10	87900294	87901872	+	0.010269
Gnptab	MmuINT0072091	chr10	87901959	87902195	+	0.018199
Gnptab	MmuINT0072092	chr10	87902295	87902968	+	0.012245
Gnptab	MmuINT0072093	chr10	87903137	87906053	+	0.021897
Gnptab	MmuINT0072094	chr10	87863483	87874660	+	0.010625
Gnptab	MmuINT0072095	chr10	87906145	87908507	+	0.027461
Gnptab	MmuINT0072096	chr10	87874781	87875349	+	0.015644
Gnptab	MmuINT0072097	chr10	87875392	87877137	+	0.01922



Gnptab	MmuINT0072098	chr10	87877344	87881869	+	0.044941
Gnptab	MmuINT0072099	chr10	87881935	87882170	+	0.046529
Gnptab	MmuINT0072100	chr10	87882306	87891237	+	0.01026
Gnptab	MmuINT0072101	chr10	87891400	87892205	+	0.024343
Gnptab	MmuINT0072102	chr10	87892386	87892584	+	0.012691
Gnptg	MmuINT0072103	chr17	25376917	25377004	-	0.045022
Gnptg	MmuINT0072104	chr17	25371668	25371752	-	0.02913
Gnptg	MmuINT0072105	chr17	25376788	25376858	-	0.110006
Gnptg	MmuINT0072106	chr17	25372856	25376719	-	0.087268
Gnptg	MmuINT0072107	chr17	25372734	25372800	-	0.083592
Gnptg	MmuINT0072108	chr17	25372573	25372649	-	0.099224
Gnptg	MmuINT0072109	chr17	25372405	25372478	-	0.088113
Gnptg	MmuINT0072110	chr17	25372210	25372289	-	0.031913
Gnptg	MmuINT0072111	chr17	25372057	25372126	-	0.132893
Gnptg	MmuINT0072112	chr17	25371835	25371924	-	0.045161
Gnrh1	MmuINT0072113	chr14	68363383	68364395	+	0.938452
Gnrh1	MmuINT0072114	chr14	68364538	68365859	+	0.637292
Gnrh1	MmuINT0072115	chr14	68365956	68367306	+	0.384168
Gns	MmuINT0072118	chr10	1.21E+08	1.21E+08	+	0.037546
Gns	MmuINT0072119	chr10	1.21E+08	1.21E+08	+	0.004977
Gns	MmuINT0072120	chr10	1.21E+08	1.21E+08	+	0.002807
Gns	MmuINT0072121	chr10	1.21E+08	1.21E+08	+	0.00341
Gns	MmuINT0072122	chr10	1.21E+08	1.21E+08	+	0.003805
Gns	MmuINT0072123	chr10	1.21E+08	1.21E+08	+	0.03202
Gns	MmuINT0072124	chr10	1.21E+08	1.21E+08	+	0.008061
Gns	MmuINT0072125	chr10	1.21E+08	1.21E+08	+	0.005199
Gns	MmuINT0072126	chr10	1.21E+08	1.21E+08	+	0.003663
Gns	MmuINT0072127	chr10	1.21E+08	1.21E+08	+	0.005414
Gns	MmuINT0072128	chr10	1.21E+08	1.21E+08	+	0.003705
Gns	MmuINT0072129	chr10	1.21E+08	1.21E+08	+	0.004113
Gns	MmuINT0072130	chr10	1.21E+08	1.21E+08	+	0.005571
Golga1	MmuINT0072132	chr2	38896873	38902542	-	0.030113
Golga1	MmuINT0072133	chr2	38894656	38896746	-	0.019474
Golga1	MmuINT0072134	chr2	38890841	38894559	-	0.022375
Golga1	MmuINT0072135	chr2	38889731	38890744	-	0.014253
Golga1	MmuINT0072136	chr2	38888773	38889580	-	0.010394
Golga1	MmuINT0072137	chr2	38879819	38888676	-	0.018848
Golga1	MmuINT0072138	chr2	38878996	38879728	-	0.042494
Golga1	MmuINT0072139	chr2	38878794	38878892	-	0.032965
Golga1	MmuINT0072140	chr2	38878365	38878659	-	0.026131
Golga1	MmuINT0072141	chr2	38875651	38878220	-	0.058828
Golga1	MmuINT0072143	chr2	38875174	38875590	-	0.021709
Golga1	MmuINT0072144	chr2	38874597	38875002	-	0.130213
Golga1	MmuINT0072145	chr2	38874010	38874509	-	0.109571
Golga1	MmuINT0072146	chr2	38911671	38918761	-	0.015779
Golga1	MmuINT0072147	chr2	38908551	38911579	-	0.019937
Golga1	MmuINT0072148	chr2	38907622	38908475	-	0.029784
Golga1	MmuINT0072149	chr2	38905712	38907523	-	0.01495
Golga1	MmuINT0072150	chr2	38903959	38905678	-	0.015587
Golga1	MmuINT0072151	chr2	38903287	38903829	-	0.014999

Golga1	MmuINT0072152	chr2	38902655	38903116	-	0.089818
Golga2	MmuINT0072153	chr2	32143917	32147612	+	0.005766
Golga2	MmuINT0072154	chr2	32154646	32154723	+	0.007932
Golga2	MmuINT0072155	chr2	32154831	32157204	+	0.031469
Golga2	MmuINT0072156	chr2	32157264	32157661	+	0.013653
Golga2	MmuINT0072157	chr2	32157804	32158222	+	0.00458
Golga2	MmuINT0072158	chr2	32158313	32158415	+	0.00521
Golga2	MmuINT0072160	chr2	32158753	32159103	+	0.003503
Golga2	MmuINT0072161	chr2	32159442	32159661	+	0.006009
Golga2	MmuINT0072162	chr2	32159776	32160153	+	0.003683
Golga2	MmuINT0072163	chr2	32160400	32160478	+	0.00603
Golga2	MmuINT0072165	chr2	32160555	32160729	+	0.008545
Golga2	MmuINT0072166	chr2	32160816	32160994	+	0.003642
Golga2	MmuINT0072167	chr2	32161214	32161292	+	0.008747
Golga2	MmuINT0072168	chr2	32161396	32161496	+	0.005909
Golga2	MmuINT0072169	chr2	32161604	32161679	+	0.004753
Golga2	MmuINT0072170	chr2	32161837	32161925	+	0.00328
Golga2	MmuINT0072174	chr2	32153098	32153273	+	0.049521
Golga2	MmuINT0072175	chr2	32153355	32154119	+	0.051408
Golga2	MmuINT0072176	chr2	32154159	32154405	+	0.027937
Golga2	MmuINT0072177	chr2	32154469	32154551	+	0.005631
Golga3	MmuINT0072180	chr5	1.11E+08	1.11E+08	+	0.024156
Golga3	MmuINT0072181	chr5	1.11E+08	1.11E+08	+	0.004642
Golga3	MmuINT0072182	chr5	1.11E+08	1.11E+08	+	0.008813
Golga3	MmuINT0072183	chr5	1.11E+08	1.11E+08	+	0.007597
Golga3	MmuINT0072184	chr5	1.11E+08	1.11E+08	+	0.01554
Golga3	MmuINT0072185	chr5	1.11E+08	1.11E+08	+	0.017991
Golga3	MmuINT0072186	chr5	1.11E+08	1.11E+08	+	0.00584
Golga3	MmuINT0072187	chr5	1.11E+08	1.11E+08	+	0.004836
Golga3	MmuINT0072188	chr5	1.11E+08	1.11E+08	+	0.015627
Golga3	MmuINT0072189	chr5	1.11E+08	1.11E+08	+	0.006938
Golga3	MmuINT0072190	chr5	1.11E+08	1.11E+08	+	0.014301
Golga3	MmuINT0072191	chr5	1.11E+08	1.11E+08	+	0.007221
Golga3	MmuINT0072192	chr5	1.11E+08	1.11E+08	+	0.010713
Golga3	MmuINT0072193	chr5	1.11E+08	1.11E+08	+	0.004919
Golga3	MmuINT0072194	chr5	1.11E+08	1.11E+08	+	0.005668
Golga3	MmuINT0072195	chr5	1.11E+08	1.11E+08	+	0.021732
Golga3	MmuINT0072196	chr5	1.11E+08	1.11E+08	+	0.217986
Golga3	MmuINT0072197	chr5	1.11E+08	1.11E+08	+	0.008665
Golga3	MmuINT0072198	chr5	1.11E+08	1.11E+08	+	0.006011
Golga3	MmuINT0072199	chr5	1.11E+08	1.11E+08	+	0.008403
Golga3	MmuINT0072200	chr5	1.11E+08	1.11E+08	+	0.005423
Golga3	MmuINT0072201	chr5	1.11E+08	1.11E+08	+	0.006174
Golga3	MmuINT0072202	chr5	1.11E+08	1.11E+08	+	0.005558
Golga4	MmuINT0072203	chr9	1.18E+08	1.18E+08	+	0.002125
Golga4	MmuINT0072204	chr9	1.18E+08	1.18E+08	+	0.002479
Golga4	MmuINT0072205	chr9	1.18E+08	1.18E+08	+	0.005159
Golga4	MmuINT0072206	chr9	1.18E+08	1.18E+08	+	0.002269
Golga4	MmuINT0072207	chr9	1.18E+08	1.18E+08	+	0.001561
Golga4	MmuINT0072208	chr9	1.18E+08	1.18E+08	+	0.001306

Golga4	MmuINT0072209	chr9	1.18E+08	1.18E+08	+	0.001266
Golga4	MmuINT0072210	chr9	1.18E+08	1.18E+08	+	0.000876
Golga4	MmuINT0072211	chr9	1.18E+08	1.18E+08	+	0.004675
Golga4	MmuINT0072212	chr9	1.18E+08	1.18E+08	+	0.024518
Golga4	MmuINT0072213	chr9	1.18E+08	1.18E+08	+	0.006597
Golga4	MmuINT0072214	chr9	1.18E+08	1.18E+08	+	0.048423
Golga4	MmuINT0072215	chr9	1.18E+08	1.18E+08	+	0.002841
Golga4	MmuINT0072216	chr9	1.18E+08	1.18E+08	+	0.002442
Golga4	MmuINT0072217	chr9	1.18E+08	1.18E+08	+	0.015505
Golga4	MmuINT0072218	chr9	1.18E+08	1.18E+08	+	0.00773
Golga4	MmuINT0072219	chr9	1.18E+08	1.18E+08	+	0.00141
Golga4	MmuINT0072220	chr9	1.18E+08	1.18E+08	+	0.003221
Golga4	MmuINT0072221	chr9	1.18E+08	1.18E+08	+	0.005331
Golga4	MmuINT0072222	chr9	1.18E+08	1.18E+08	+	0.002949
Golga4	MmuINT0072223	chr9	1.18E+08	1.18E+08	+	0.001985
Golga4	MmuINT0072224	chr9	1.18E+08	1.18E+08	+	0.00153
Golga4	MmuINT0072225	chr9	1.18E+08	1.18E+08	+	0.002467
Golga5	MmuINT0072226	chr12	1.04E+08	1.04E+08	+	0.32073
Golga5	MmuINT0072227	chr12	1.04E+08	1.04E+08	+	0.007885
Golga5	MmuINT0072228	chr12	1.04E+08	1.04E+08	+	0.020918
Golga5	MmuINT0072229	chr12	1.04E+08	1.04E+08	+	0.025071
Golga5	MmuINT0072230	chr12	1.04E+08	1.04E+08	+	0.013119
Golga5	MmuINT0072231	chr12	1.04E+08	1.04E+08	+	0.006682
Golga5	MmuINT0072232	chr12	1.04E+08	1.04E+08	+	0.006446
Golga5	MmuINT0072233	chr12	1.04E+08	1.04E+08	+	0.007457
Golga5	MmuINT0072234	chr12	1.04E+08	1.04E+08	+	0.006582
Golga5	MmuINT0072235	chr12	1.04E+08	1.04E+08	+	0.058174
Golga5	MmuINT0072236	chr12	1.04E+08	1.04E+08	+	0.01024
Golga5	MmuINT0072237	chr12	1.04E+08	1.04E+08	+	0.019319
Golgb1	MmuINT0072246	chr16	36885275	36886219	+	0.586746
Golgb1	MmuINT0072247	chr16	36900660	36904638	+	0.022031
Golgb1	MmuINT0072248	chr16	36904754	36907907	+	0.034886
Golgb1	MmuINT0072249	chr16	36907982	36911957	+	0.038763
Golgb1	MmuINT0072250	chr16	36917087	36917994	+	0.009698
Golgb1	MmuINT0072251	chr16	36919883	36924718	+	0.011083
Golgb1	MmuINT0072252	chr16	36924898	36925821	+	0.010034
Golgb1	MmuINT0072253	chr16	36925985	36926174	+	0.008755
Golgb1	MmuINT0072254	chr16	36926313	36928340	+	0.012329
Golgb1	MmuINT0072255	chr16	36928485	36928721	+	0.015838
Golgb1	MmuINT0072256	chr16	36928820	36929341	+	0.008231
Golgb1	MmuINT0072258	chr16	36929477	36931644	+	0.029664
Golgb1	MmuINT0072259	chr16	36931751	36931908	+	0.01727
Golgb1	MmuINT0072262	chr16	36889581	36891452	+	0.029349
Golgb1	MmuINT0072263	chr16	36891579	36893401	+	0.041443
Golgb1	MmuINT0072264	chr16	36893525	36894916	+	0.065951
Golgb1	MmuINT0072265	chr16	36895031	36898590	+	0.021605
Golgb1	MmuINT0072266	chr16	36898994	36900543	+	0.031108
Golim4	MmuINT0072267	chr3	75715572	75760033	-	0.02715
Golim4	MmuINT0072268	chr3	75694554	75695810	-	0.010066
Golim4	MmuINT0072269	chr3	75690763	75694443	-	0.011722

Golim4	MmuINT0072270	chr3	75690266	75690594	-	0.010942
Golim4	MmuINT0072271	chr3	75682640	75690196	-	0.019733
Golim4	MmuINT0072272	chr3	75682100	75682567	-	0.011417
Golim4	MmuINT0072273	chr3	75713981	75715496	-	0.026914
Golim4	MmuINT0072274	chr3	75712106	75713930	-	0.030894
Golim4	MmuINT0072275	chr3	75710472	75712051	-	0.014173
Golim4	MmuINT0072276	chr3	75707252	75710320	-	0.022347
Golim4	MmuINT0072278	chr3	75699060	75701892	-	0.010466
Golim4	MmuINT0072279	chr3	75696959	75698756	-	0.012213
Golim4	MmuINT0072280	chr3	75695894	75696704	-	0.014561
Golm1	MmuINT0072283	chr13	59738763	59739665	-	0.041383
Golm1	MmuINT0072285	chr13	59765739	59766887	-	0.028926
Golm1	MmuINT0072286	chr13	59752112	59765558	-	0.048304
Golm1	MmuINT0072288	chr13	59746584	59750923	-	0.03674
Golm1	MmuINT0072289	chr13	59743749	59746453	-	0.032443
Golm1	MmuINT0072290	chr13	59741703	59743603	-	0.032825
Golm1	MmuINT0072291	chr13	59739774	59741480	-	0.023758
Golph3	MmuINT0072292	chr15	12251712	12269382	+	0.003879
Golph3	MmuINT0072293	chr15	12269515	12272791	+	0.005689
Golph3	MmuINT0072294	chr15	12272907	12279122	+	0.010636
Golph3l	MmuINT0072297	chr3	95393057	95395638	+	0.016074
Golph3l	MmuINT0072298	chr3	95395828	95411827	+	0.016755
Golph3l	MmuINT0072299	chr3	95411960	95413593	+	0.012646
Golt1b	MmuINT0072304	chr6	1.42E+08	1.42E+08	+	0.018202
Golt1b	MmuINT0072305	chr6	1.42E+08	1.42E+08	+	0.017519
Golt1b	MmuINT0072306	chr6	1.42E+08	1.42E+08	+	0.030678
Golt1b	MmuINT0072307	chr6	1.42E+08	1.42E+08	+	0.026907
Gon4l	MmuINT0072325	chr3	88705644	88706678	+	0.049737
Gon4l	MmuINT0072326	chr3	88706823	88706903	+	0.037453
Gon4l	MmuINT0072327	chr3	88707024	88709373	+	0.070689
Gon4l	MmuINT0072328	chr3	88709485	88711293	+	0.061084
Gon4l	MmuINT0072329	chr3	88711505	88711910	+	0.21864
Gon4l	MmuINT0072331	chr3	88712530	88712608	+	0.055016
Gon4l	MmuINT0072332	chr3	88712712	88713159	+	0.089166
Gon4l	MmuINT0072333	chr3	88658718	88659547	+	0.042053
Gon4l	MmuINT0072334	chr3	88659623	88659736	+	0.036106
Gon4l	MmuINT0072336	chr3	88661149	88662308	+	0.03975
Gon4l	MmuINT0072337	chr3	88662429	88662810	+	0.026976
Gon4l	MmuINT0072338	chr3	88662982	88667341	+	0.025677
Gopc	MmuINT0072339	chr10	52078744	52101416	-	0.031724
Gopc	MmuINT0072340	chr10	52074554	52078578	-	0.109054
Gopc	MmuINT0072341	chr10	52073299	52074377	-	0.022537
Gopc	MmuINT0072342	chr10	52070503	52073132	-	0.017944
Gopc	MmuINT0072343	chr10	52069043	52070406	-	0.00947
Gopc	MmuINT0072344	chr10	52066036	52068877	-	0.014585
Gopc	MmuINT0072345	chr10	52059660	52065854	-	0.009105
Gorab	MmuINT0072346	chr1	1.65E+08	1.65E+08	-	0.061656
Gorab	MmuINT0072347	chr1	1.65E+08	1.65E+08	-	0.337371
Gorab	MmuINT0072348	chr1	1.65E+08	1.65E+08	-	0.074109
Gorab	MmuINT0072349	chr1	1.65E+08	1.65E+08	-	0.074599

Gorasp1	MmuINT0072350	chr9	1.2E+08	1.2E+08	-	0.015566
Gorasp1	MmuINT0072351	chr9	1.2E+08	1.2E+08	-	0.012462
Gorasp1	MmuINT0072352	chr9	1.2E+08	1.2E+08	-	0.011662
Gorasp1	MmuINT0072353	chr9	1.2E+08	1.2E+08	-	0.011395
Gorasp1	MmuINT0072354	chr9	1.2E+08	1.2E+08	-	0.015124
Gorasp1	MmuINT0072355	chr9	1.2E+08	1.2E+08	-	0.016596
Gorasp1	MmuINT0072356	chr9	1.2E+08	1.2E+08	-	0.015477
Gorasp1	MmuINT0072357	chr9	1.2E+08	1.2E+08	-	0.018605
Gorasp2	MmuINT0072358	chr2	70499818	70514521	+	0.005123
Gorasp2	MmuINT0072359	chr2	70514603	70515955	+	0.003561
Gorasp2	MmuINT0072360	chr2	70516160	70516584	+	0.003898
Gorasp2	MmuINT0072361	chr2	70516672	70517488	+	0.005295
Gorasp2	MmuINT0072362	chr2	70517620	70520953	+	0.005811
Gorasp2	MmuINT0072363	chr2	70521087	70522036	+	0.003203
Gorasp2	MmuINT0072364	chr2	70522161	70526442	+	0.012844
Gorasp2	MmuINT0072365	chr2	70526530	70527239	+	0.011966
Gorasp2	MmuINT0072366	chr2	70527360	70528714	+	0.019036
Gosr1	MmuINT0072369	chr11	76574858	76577021	-	0.012311
Gosr1	MmuINT0072370	chr11	76568303	76574736	-	0.012777
Gosr1	MmuINT0072371	chr11	76567979	76568214	-	0.016628
Gosr1	MmuINT0072372	chr11	76564405	76567870	-	0.014024
Gosr1	MmuINT0072373	chr11	76562085	76564312	-	0.014021
Gosr1	MmuINT0072374	chr11	76550914	76562009	-	0.014288
Gosr1	MmuINT0072375	chr11	76548154	76550883	-	0.120956
Gosr1	MmuINT0072376	chr11	76543736	76548070	-	0.030373
Gosr2	MmuINT0072377	chr11	1.04E+08	1.04E+08	-	0.021983
Gosr2	MmuINT0072378	chr11	1.04E+08	1.04E+08	-	0.008849
Gosr2	MmuINT0072379	chr11	1.04E+08	1.04E+08	-	0.010016
Gosr2	MmuINT0072380	chr11	1.04E+08	1.04E+08	-	0.038442
Gosr2	MmuINT0072381	chr11	1.04E+08	1.04E+08	-	0.006066
Got1	MmuINT0072382	chr19	43590353	43598827	-	0.000138
Got1	MmuINT0072383	chr19	43582484	43590170	-	0.002211
Got1	MmuINT0072384	chr19	43581925	43582359	-	0.000722
Got1	MmuINT0072385	chr19	43581517	43581811	-	0.001231
Got1	MmuINT0072386	chr19	43579417	43581411	-	0.006501
Got1	MmuINT0072387	chr19	43579178	43579265	-	0.002574
Got1	MmuINT0072388	chr19	43577541	43579011	-	0.004762
Got1	MmuINT0072389	chr19	43575048	43577397	-	0.005559
Gpaa1	MmuINT0072442	chr15	76161894	76162325	+	0.029793
Gpaa1	MmuINT0072443	chr15	76164635	76164719	+	0.007407
Gpaa1	MmuINT0072444	chr15	76164891	76165011	+	0.010957
Gpaa1	MmuINT0072445	chr15	76162506	76162589	+	0.014366
Gpaa1	MmuINT0072446	chr15	76162702	76162913	+	0.208829
Gpaa1	MmuINT0072447	chr15	76163062	76163139	+	0.008291
Gpaa1	MmuINT0072448	chr15	76163242	76163332	+	0.015527
Gpaa1	MmuINT0072449	chr15	76163530	76163606	+	0.141378
Gpaa1	MmuINT0072450	chr15	76163804	76163893	+	0.009057
Gpaa1	MmuINT0072451	chr15	76164048	76164224	+	0.041362
Gpaa1	MmuINT0072452	chr15	76164321	76164443	+	0.014221
Gpam	MmuINT0072453	chr19	55172118	55173818	-	0.054856

Gpam	MmuINT0072454	chr19	55156206	55157690	-	0.001887
Gpam	MmuINT0072455	chr19	55155968	55156091	-	0.003331
Gpam	MmuINT0072456	chr19	55154990	55155881	-	0.003739
Gpam	MmuINT0072457	chr19	55153777	55154873	-	0.003374
Gpam	MmuINT0072458	chr19	55153078	55153705	-	0.003348
Gpam	MmuINT0072459	chr19	55152459	55152812	-	0.001738
Gpam	MmuINT0072460	chr19	55150859	55152315	-	0.005098
Gpam	MmuINT0072461	chr19	55150170	55150780	-	0.002432
Gpam	MmuINT0072462	chr19	55149251	55150031	-	0.009885
Gpam	MmuINT0072463	chr19	55147261	55149060	-	0.007261
Gpam	MmuINT0072464	chr19	55170734	55171986	-	0.003288
Gpam	MmuINT0072465	chr19	55145537	55147201	-	0.006492
Gpam	MmuINT0072466	chr19	55168483	55170610	-	0.005836
Gpam	MmuINT0072467	chr19	55165740	55168408	-	0.004395
Gpam	MmuINT0072468	chr19	55163435	55165625	-	0.002338
Gpam	MmuINT0072469	chr19	55162698	55163287	-	0.002406
Gpam	MmuINT0072470	chr19	55162012	55162600	-	0.001825
Gpam	MmuINT0072471	chr19	55158288	55161874	-	0.002523
Gpam	MmuINT0072472	chr19	55157904	55158187	-	0.002094
Gpatch1	MmuINT0072494	chr7	36095594	36103359	-	0.022685
Gpatch1	MmuINT0072495	chr7	36080571	36082502	-	0.018626
Gpatch1	MmuINT0072496	chr7	36078853	36080273	-	0.011449
Gpatch1	MmuINT0072497	chr7	36076873	36078673	-	0.012393
Gpatch1	MmuINT0072498	chr7	36074196	36076744	-	0.012463
Gpatch1	MmuINT0072499	chr7	36073700	36074058	-	0.010463
Gpatch1	MmuINT0072500	chr7	36072356	36073535	-	0.01373
Gpatch1	MmuINT0072501	chr7	36069843	36072141	-	0.022701
Gpatch1	MmuINT0072502	chr7	36068688	36069734	-	0.013111
Gpatch1	MmuINT0072503	chr7	36066500	36068589	-	0.021603
Gpatch1	MmuINT0072504	chr7	36061831	36066350	-	0.045784
Gpatch1	MmuINT0072505	chr7	36094406	36095458	-	0.023012
Gpatch1	MmuINT0072506	chr7	36093359	36094319	-	0.126448
Gpatch1	MmuINT0072507	chr7	36092306	36093197	-	0.049073
Gpatch1	MmuINT0072508	chr7	36091008	36092207	-	0.031539
Gpatch1	MmuINT0072509	chr7	36088491	36090948	-	0.025442
Gpatch1	MmuINT0072510	chr7	36086745	36088247	-	0.03446
Gpatch1	MmuINT0072511	chr7	36084320	36086596	-	0.036501
Gpatch1	MmuINT0072512	chr7	36082708	36084239	-	0.0228
Gpatch2	MmuINT0072513	chr1	1.89E+08	1.89E+08	+	0.021282
Gpatch2	MmuINT0072514	chr1	1.89E+08	1.89E+08	+	0.025161
Gpatch2	MmuINT0072515	chr1	1.89E+08	1.89E+08	+	0.034698
Gpatch2	MmuINT0072516	chr1	1.89E+08	1.89E+08	+	0.057186
Gpatch2	MmuINT0072517	chr1	1.89E+08	1.89E+08	+	0.043139
Gpatch2	MmuINT0072520	chr1	1.89E+08	1.89E+08	+	0.057337
Gpatch2	MmuINT0072521	chr1	1.89E+08	1.89E+08	+	0.174558
Gpatch3	MmuINT0072522	chr4	1.33E+08	1.33E+08	+	0.079496
Gpatch3	MmuINT0072523	chr4	1.33E+08	1.33E+08	+	0.100863
Gpatch3	MmuINT0072524	chr4	1.33E+08	1.33E+08	+	0.064904
Gpatch3	MmuINT0072525	chr4	1.33E+08	1.33E+08	+	0.086227
Gpatch3	MmuINT0072526	chr4	1.33E+08	1.33E+08	+	0.059601

Gpatch3	MmuINT0072527	chr4	1.33E+08	1.33E+08	+	0.047293
Gpatch4	MmuINT0072531	chr3	87855212	87855594	+	0.027471
Gpatch4	MmuINT0072532	chr3	87855669	87855766	+	0.031918
Gpatch4	MmuINT0072533	chr3	87855860	87855953	+	0.019167
Gpatch4	MmuINT0072534	chr3	87856041	87858290	+	0.023174
Gpatch4	MmuINT0072535	chr3	87858383	87858624	+	0.03456
Gpatch4	MmuINT0072536	chr3	87858676	87858879	+	0.021634
Gpatch8	MmuINT0072537	chr11	1.02E+08	1.02E+08	-	0.038605
Gpatch8	MmuINT0072538	chr11	1.02E+08	1.02E+08	-	0.085519
Gpatch8	MmuINT0072539	chr11	1.02E+08	1.02E+08	-	0.121602
Gpatch8	MmuINT0072540	chr11	1.02E+08	1.02E+08	-	0.021503
Gpatch8	MmuINT0072541	chr11	1.02E+08	1.02E+08	-	0.024867
Gpatch8	MmuINT0072542	chr11	1.02E+08	1.02E+08	-	0.045501
Gpatch8	MmuINT0072543	chr11	1.02E+08	1.02E+08	-	0.021046
Gpbp1	MmuINT0072546	chr13	1.12E+08	1.12E+08	-	0.003273
Gpbp1	MmuINT0072547	chr13	1.12E+08	1.12E+08	-	0.003405
Gpbp1	MmuINT0072548	chr13	1.12E+08	1.12E+08	-	0.005816
Gpbp1	MmuINT0072549	chr13	1.12E+08	1.12E+08	-	0.006822
Gpbp1	MmuINT0072550	chr13	1.12E+08	1.12E+08	-	0.004753
Gpbp1	MmuINT0072551	chr13	1.12E+08	1.12E+08	-	0.009127
Gpbp1	MmuINT0072552	chr13	1.12E+08	1.12E+08	-	0.01026
Gpbp1	MmuINT0072553	chr13	1.12E+08	1.12E+08	-	0.029418
Gpbp1	MmuINT0072554	chr13	1.12E+08	1.12E+08	-	0.049716
Gpbp1	MmuINT0072555	chr13	1.12E+08	1.12E+08	-	0.002924
Gpbp1	MmuINT0072556	chr13	1.12E+08	1.12E+08	-	0.003416
Gpbp1l1	MmuINT0072557	chr4	1.16E+08	1.16E+08	+	0.004693
Gpbp1l1	MmuINT0072559	chr4	1.16E+08	1.16E+08	+	0.007797
Gpbp1l1	MmuINT0072562	chr4	1.16E+08	1.16E+08	+	0.004858
Gpbp1l1	MmuINT0072564	chr4	1.16E+08	1.16E+08	+	0.00498
Gpbp1l1	MmuINT0072566	chr4	1.16E+08	1.16E+08	+	0.000307
Gpc1	MmuINT0072567	chr1	94728675	94749923	+	0.002377
Gpc1	MmuINT0072568	chr1	94750083	94751434	+	0.001106
Gpc1	MmuINT0072569	chr1	94751824	94752483	+	0.002713
Gpc1	MmuINT0072570	chr1	94752650	94753563	+	0.012379
Gpc1	MmuINT0072571	chr1	94753695	94753824	+	0.000409
Gpc1	MmuINT0072572	chr1	94753945	94754048	+	0.002913
Gpc1	MmuINT0072573	chr1	94754183	94754431	+	0.000646
Gpc1	MmuINT0072574	chr1	94754608	94754908	+	0.001952
Gpc4	MmuINT0072591	chrX	49444978	49517792	-	0.009805
Gpc4	MmuINT0072592	chrX	49427863	49444818	-	0.010741
Gpc4	MmuINT0072593	chrX	49416201	49427470	-	0.009753
Gpc4	MmuINT0072594	chrX	49410209	49416034	-	0.008693
Gpc4	MmuINT0072595	chrX	49409984	49410077	-	0.009044
Gpc4	MmuINT0072596	chrX	49407760	49409836	-	0.008254
Gpc4	MmuINT0072597	chrX	49407170	49407622	-	0.01115
Gpc4	MmuINT0072598	chrX	49406904	49406993	-	0.007311
Gpcpd1	MmuINT0072617	chr2	1.32E+08	1.32E+08	-	0.002616
Gpcpd1	MmuINT0072618	chr2	1.32E+08	1.32E+08	-	0.004543
Gpcpd1	MmuINT0072619	chr2	1.32E+08	1.32E+08	-	0.062822
Gpcpd1	MmuINT0072620	chr2	1.32E+08	1.32E+08	-	0.010309

Gpcpd1	MmuINT0072621	chr2	1.32E+08	1.32E+08	-	0.048185
Gpcpd1	MmuINT0072622	chr2	1.32E+08	1.32E+08	-	0.044457
Gpcpd1	MmuINT0072623	chr2	1.32E+08	1.32E+08	-	0.064809
Gpcpd1	MmuINT0072624	chr2	1.32E+08	1.32E+08	-	0.008006
Gpcpd1	MmuINT0072625	chr2	1.32E+08	1.32E+08	-	0.002803
Gpcpd1	MmuINT0072626	chr2	1.32E+08	1.32E+08	-	0.004675
Gpcpd1	MmuINT0072627	chr2	1.32E+08	1.32E+08	-	0.002767
Gpcpd1	MmuINT0072628	chr2	1.32E+08	1.32E+08	-	0.023598
Gpcpd1	MmuINT0072629	chr2	1.32E+08	1.32E+08	-	0.040276
Gpcpd1	MmuINT0072630	chr2	1.32E+08	1.32E+08	-	0.002965
Gpcpd1	MmuINT0072631	chr2	1.32E+08	1.32E+08	-	0.002926
Gpcpd1	MmuINT0072632	chr2	1.32E+08	1.32E+08	-	0.002657
Gpcpd1	MmuINT0072633	chr2	1.32E+08	1.32E+08	-	0.003072
Gpd1	MmuINT0072634	chr15	99548080	99548582	+	0.015804
Gpd1	MmuINT0072635	chr15	99548761	99549564	+	0.008994
Gpd1	MmuINT0072636	chr15	99549706	99550526	+	0.012135
Gpd1	MmuINT0072637	chr15	99550666	99550996	+	0.011612
Gpd1	MmuINT0072638	chr15	99551110	99552365	+	0.038059
Gpd1	MmuINT0072639	chr15	99552600	99552886	+	0.011786
Gpd1	MmuINT0072640	chr15	99552994	99553621	+	0.019688
Gpd1l	MmuINT0072641	chr9	1.15E+08	1.15E+08	-	0.003278
Gpd1l	MmuINT0072642	chr9	1.15E+08	1.15E+08	-	0.004516
Gpd1l	MmuINT0072643	chr9	1.15E+08	1.15E+08	-	0.004699
Gpd1l	MmuINT0072644	chr9	1.15E+08	1.15E+08	-	0.005726
Gpd1l	MmuINT0072645	chr9	1.15E+08	1.15E+08	-	0.020132
Gpd1l	MmuINT0072646	chr9	1.15E+08	1.15E+08	-	0.012717
Gpd1l	MmuINT0072647	chr9	1.15E+08	1.15E+08	-	0.01141
Gpd2	MmuINT0072649	chr2	57208006	57208170	+	0.028406
Gpd2	MmuINT0072650	chr2	57208347	57208929	+	0.026381
Gpd2	MmuINT0072651	chr2	57209062	57210065	+	0.02531
Gpd2	MmuINT0072652	chr2	57210225	57216441	+	0.031977
Gpd2	MmuINT0072653	chr2	57216555	57216660	+	0.038124
Gpd2	MmuINT0072654	chr2	57216740	57216915	+	0.045786
Gpd2	MmuINT0072655	chr2	57217015	57219762	+	0.021091
Gpd2	MmuINT0072656	chr2	57120494	57142255	+	0.03562
Gpd2	MmuINT0072659	chr2	57158317	57159342	+	0.031207
Gpd2	MmuINT0072660	chr2	57159507	57191257	+	0.034608
Gpd2	MmuINT0072661	chr2	57191423	57192474	+	0.030124
Gphn	MmuINT0072670	chr12	79327829	79444338	+	0.077114
Gphn	MmuINT0072671	chr12	79663886	79691520	+	0.011892
Gphn	MmuINT0072672	chr12	79691659	79710131	+	0.018414
Gphn	MmuINT0072673	chr12	79710225	79713958	+	0.022716
Gphn	MmuINT0072674	chr12	79714015	79724290	+	0.011822
Gphn	MmuINT0072675	chr12	79724411	79727120	+	0.016077
Gphn	MmuINT0072676	chr12	79727180	79728093	+	0.009863
Gphn	MmuINT0072677	chr12	79728248	79738444	+	0.006726
Gphn	MmuINT0072678	chr12	79738567	79755793	+	0.008011
Gphn	MmuINT0072679	chr12	79755882	79765477	+	0.01514
Gphn	MmuINT0072680	chr12	79765552	79770810	+	0.016409
Gphn	MmuINT0072681	chr12	79444418	79477346	+	0.013339



Gphn	MmuINT0072682	chr12	79770876	79781277	+	0.013374
Gphn	MmuINT0072683	chr12	79781382	79783704	+	0.032762
Gphn	MmuINT0072684	chr12	79783802	79784764	+	0.016287
Gphn	MmuINT0072685	chr12	79477405	79513327	+	0.013895
Gphn	MmuINT0072686	chr12	79513421	79555743	+	0.014712
Gphn	MmuINT0072687	chr12	79555839	79582285	+	0.018071
Gphn	MmuINT0072688	chr12	79582353	79593024	+	0.010201
Gphn	MmuINT0072689	chr12	79593298	79594936	+	0.008259
Gphn	MmuINT0072690	chr12	79595045	79605603	+	0.015446
Gphn	MmuINT0072691	chr12	79605739	79663842	+	0.009488
Gpi1	MmuINT0072707	chr7	35005946	35012136	-	0.001082
Gpi1	MmuINT0072708	chr7	35005780	35005861	-	0.000408
Gpi1	MmuINT0072709	chr7	35004122	35005632	-	0.000349
Gpihbp1	MmuINT0072713	chr15	75427161	75427460	+	0.011347
Gpihbp1	MmuINT0072714	chr15	75427584	75427942	+	0.109772
Gpihbp1	MmuINT0072715	chr15	75428060	75428159	+	0.128842
Gpkow	MmuINT0072717	chrX	7285148	7285236	+	0.003213
Gpkow	MmuINT0072718	chrX	7275780	7275881	+	0.008917
Gpkow	MmuINT0072720	chrX	7279299	7280495	+	0.041292
Gpkow	MmuINT0072721	chrX	7280710	7282425	+	0.025583
Gpkow	MmuINT0072722	chrX	7282559	7283136	+	0.110987
Gpkow	MmuINT0072723	chrX	7283276	7283453	+	0.015526
Gpkow	MmuINT0072724	chrX	7283578	7283817	+	0.002463
Gpkow	MmuINT0072725	chrX	7283888	7285061	+	0.010124
Gpld1	MmuINT0072734	chr13	25071616	25071706	+	0.062998
Gpld1	MmuINT0072735	chr13	25071864	25072825	+	0.087273
Gpld1	MmuINT0072736	chr13	25072968	25074376	+	0.068304
Gpld1	MmuINT0072738	chr13	25074486	25074566	+	0.037609
Gpld1	MmuINT0072739	chr13	25074661	25075896	+	0.073353
Gpld1	MmuINT0072740	chr13	25076077	25076576	+	0.059069
Gpld1	MmuINT0072741	chr13	25076738	25078760	+	0.189452
Gpld1	MmuINT0072742	chr13	25078788	25078877	+	0.057804
Gpld1	MmuINT0072743	chr13	25078929	25081904	+	0.879741
Gpm6b	MmuINT0072759	chrX	1.63E+08	1.63E+08	+	0.05744
Gpm6b	MmuINT0072760	chrX	1.63E+08	1.63E+08	+	0.158497
Gpm6b	MmuINT0072761	chrX	1.63E+08	1.63E+08	+	0.037359
Gpm6b	MmuINT0072762	chrX	1.63E+08	1.63E+08	+	0.040508
Gpn1	MmuINT0072767	chr5	31797257	31797890	+	0.020859
Gpn1	MmuINT0072768	chr5	31807409	31808565	+	0.024223
Gpn1	MmuINT0072769	chr5	31808606	31809846	+	0.037497
Gpn1	MmuINT0072770	chr5	31809938	31811671	+	0.027765
Gpn1	MmuINT0072771	chr5	31811780	31813204	+	0.006569
Gpn1	MmuINT0072772	chr5	31797985	31799683	+	0.009482
Gpn1	MmuINT0072773	chr5	31799724	31800712	+	0.039794
Gpn1	MmuINT0072774	chr5	31800780	31801639	+	0.059533
Gpn1	MmuINT0072775	chr5	31801678	31803226	+	0.015155
Gpn1	MmuINT0072776	chr5	31803306	31803484	+	0.011352
Gpn1	MmuINT0072777	chr5	31803580	31805763	+	0.009484
Gpn1	MmuINT0072778	chr5	31805810	31806284	+	0.018932
Gpn1	MmuINT0072779	chr5	31806432	31807325	+	0.007876

Gpn2	MmuINT0072780	chr4	1.33E+08	1.33E+08	+	0.115731
Gpn2	MmuINT0072781	chr4	1.33E+08	1.33E+08	+	0.044758
Gpn2	MmuINT0072782	chr4	1.33E+08	1.33E+08	+	0.045699
Gpn2	MmuINT0072783	chr4	1.33E+08	1.33E+08	+	0.017787
Gpn3	MmuINT0072784	chr5	1.23E+08	1.23E+08	+	0.010236
Gpn3	MmuINT0072785	chr5	1.23E+08	1.23E+08	+	0.012085
Gpn3	MmuINT0072786	chr5	1.23E+08	1.23E+08	+	0.027976
Gpn3	MmuINT0072787	chr5	1.23E+08	1.23E+08	+	0.03934
Gpn3	MmuINT0072788	chr5	1.23E+08	1.23E+08	+	0.024321
Gpn3	MmuINT0072789	chr5	1.23E+08	1.23E+08	+	0.040011
Gpn3	MmuINT0072790	chr5	1.23E+08	1.23E+08	+	0.025003
Gpr107	MmuINT0072804	chr2	31008002	31022540	+	0.009752
Gpr107	MmuINT0072805	chr2	31039176	31040317	+	0.020849
Gpr107	MmuINT0072806	chr2	31040392	31041008	+	0.033026
Gpr107	MmuINT0072807	chr2	31041127	31044202	+	0.012487
Gpr107	MmuINT0072808	chr2	31044334	31047366	+	0.016961
Gpr107	MmuINT0072809	chr2	31047411	31063198	+	0.024895
Gpr107	MmuINT0072810	chr2	31063249	31064586	+	0.038135
Gpr107	MmuINT0072811	chr2	31064671	31065968	+	0.013789
Gpr107	MmuINT0072812	chr2	31066091	31069763	+	0.011316
Gpr107	MmuINT0072813	chr2	31022664	31023683	+	0.019011
Gpr107	MmuINT0072814	chr2	31023735	31024316	+	0.018531
Gpr107	MmuINT0072815	chr2	31024400	31027461	+	0.01067
Gpr107	MmuINT0072816	chr2	31027602	31029721	+	0.012887
Gpr107	MmuINT0072817	chr2	31029760	31032417	+	0.015146
Gpr107	MmuINT0072818	chr2	31032475	31033304	+	0.013174
Gpr107	MmuINT0072819	chr2	31033416	31033773	+	0.011071
Gpr107	MmuINT0072820	chr2	31033908	31039099	+	0.018025
Gpr108	MmuINT0072821	chr17	57386307	57386933	-	0.052264
Gpr108	MmuINT0072822	chr17	57376747	57376846	-	0.038453
Gpr108	MmuINT0072823	chr17	57376425	57376628	-	0.032178
Gpr108	MmuINT0072824	chr17	57376164	57376293	-	0.064898
Gpr108	MmuINT0072825	chr17	57375847	57376119	-	0.070179
Gpr108	MmuINT0072826	chr17	57375663	57375796	-	0.073516
Gpr108	MmuINT0072827	chr17	57375471	57375578	-	0.013523
Gpr108	MmuINT0072828	chr17	57374790	57375345	-	0.044571
Gpr108	MmuINT0072829	chr17	57384769	57386186	-	0.012899
Gpr108	MmuINT0072830	chr17	57384535	57384717	-	0.012155
Gpr108	MmuINT0072831	chr17	57383792	57384451	-	0.009144
Gpr108	MmuINT0072832	chr17	57382558	57383669	-	0.013438
Gpr108	MmuINT0072833	chr17	57382262	57382363	-	0.005232
Gpr108	MmuINT0072834	chr17	57377587	57382156	-	0.005421
Gpr108	MmuINT0072835	chr17	57377350	57377452	-	0.056254
Gpr108	MmuINT0072836	chr17	57376921	57377273	-	0.188817
Gpr116	MmuINT0072890	chr17	43526657	43540866	+	0.005316
Gpr116	MmuINT0072891	chr17	43567657	43574464	+	0.00348
Gpr116	MmuINT0072892	chr17	43574636	43576899	+	0.255863
Gpr116	MmuINT0072893	chr17	43577110	43578732	+	0.006575
Gpr116	MmuINT0072894	chr17	43578952	43581935	+	0.012906
Gpr116	MmuINT0072895	chr17	43582089	43582952	+	0.003714

Gpr116	MmuINT0072896	chr17	43583162	43583821	+	0.003081
Gpr116	MmuINT0072897	chr17	43584002	43586740	+	0.010928
Gpr116	MmuINT0072898	chr17	43588145	43589228	+	0.007936
Gpr116	MmuINT0072899	chr17	43589271	43589364	+	0.005367
Gpr116	MmuINT0072900	chr17	43589425	43590019	+	0.008
Gpr116	MmuINT0072901	chr17	43540993	43547450	+	0.413298
Gpr116	MmuINT0072902	chr17	43590105	43592204	+	0.02488
Gpr116	MmuINT0072903	chr17	43547506	43559446	+	0.005416
Gpr116	MmuINT0072904	chr17	43559606	43561363	+	0.005563
Gpr116	MmuINT0072905	chr17	43561541	43561662	+	0.004298
Gpr116	MmuINT0072906	chr17	43561773	43563233	+	0.005811
Gpr116	MmuINT0072907	chr17	43563293	43563887	+	0.007878
Gpr116	MmuINT0072908	chr17	43564034	43565393	+	0.00762
Gpr116	MmuINT0072909	chr17	43565616	43567452	+	0.002391
Gpr124	MmuINT0072924	chr8	28225934	28226126	+	0.149478
Gpr124	MmuINT0072925	chr8	28226347	28227787	+	0.154026
Gpr124	MmuINT0072926	chr8	28227988	28229195	+	0.327072
Gpr124	MmuINT0072927	chr8	28229324	28229605	+	0.344656
Gpr124	MmuINT0072928	chr8	28229730	28230177	+	0.311565
Gpr124	MmuINT0072929	chr8	28230324	28230918	+	0.199286
Gpr124	MmuINT0072930	chr8	28231009	28231237	+	0.398933
Gpr124	MmuINT0072935	chr8	28221071	28221523	+	0.18508
Gpr124	MmuINT0072938	chr8	28223957	28224551	+	0.307586
Gpr125	MmuINT0072940	chr5	50381526	50389453	-	0.015388
Gpr125	MmuINT0072941	chr5	50378917	50381363	-	0.016962
Gpr125	MmuINT0072942	chr5	50370813	50378712	-	0.01384
Gpr125	MmuINT0072943	chr5	50370391	50370598	-	0.011717
Gpr125	MmuINT0072944	chr5	50363315	50370181	-	0.075418
Gpr125	MmuINT0072945	chr5	50362053	50363189	-	0.014656
Gpr125	MmuINT0072946	chr5	50355076	50361928	-	0.017552
Gpr125	MmuINT0072947	chr5	50352983	50354929	-	0.035174
Gpr125	MmuINT0072948	chr5	50352754	50352886	-	0.024902
Gpr125	MmuINT0072950	chr5	50404704	50408065	-	0.034798
Gpr125	MmuINT0072952	chr5	50400736	50402729	-	0.02117
Gpr125	MmuINT0072953	chr5	50398202	50400574	-	0.015902
Gpr125	MmuINT0072954	chr5	50393259	50397987	-	0.016295
Gpr125	MmuINT0072955	chr5	50390574	50393093	-	0.012031
Gpr125	MmuINT0072956	chr5	50389610	50390371	-	0.0171
Gpr137	MmuINT0073024	chr19	7013631	7013750	-	0.008745
Gpr137	MmuINT0073025	chr19	7013365	7013501	-	0.021208
Gpr137	MmuINT0073026	chr19	7013020	7013245	-	0.046059
Gpr137	MmuINT0073027	chr19	7015440	7015581	-	0.897987
Gpr137	MmuINT0073029	chr19	7014245	7014841	-	0.074876
Gpr146	MmuINT0073065	chr5	1.4E+08	1.4E+08	+	0.043332
Gpr153	MmuINT0073070	chr4	1.52E+08	1.52E+08	+	0.073159
Gpr153	MmuINT0073071	chr4	1.52E+08	1.52E+08	+	0.026754
Gpr153	MmuINT0073072	chr4	1.52E+08	1.52E+08	+	0.222024
Gpr153	MmuINT0073073	chr4	1.52E+08	1.52E+08	+	0.01841
Gpr153	MmuINT0073074	chr4	1.52E+08	1.52E+08	+	0.249105
Gpr155	MmuINT0073076	chr2	73200693	73201988	-	0.012143

Gpr155	MmuINT0073077	chr2	73194760	73200481	-	0.015802
Gpr155	MmuINT0073078	chr2	73191811	73194654	-	0.017333
Gpr155	MmuINT0073079	chr2	73190002	73191673	-	0.016619
Gpr155	MmuINT0073083	chr2	73209188	73211671	-	0.016126
Gpr155	MmuINT0073085	chr2	73206455	73208042	-	0.031093
Gpr155	MmuINT0073088	chr2	73202080	73202224	-	0.024098
Gpr155	MmuINT0073090	chr2	73186332	73187683	-	0.0135
Gpr155	MmuINT0073091	chr2	73181815	73186193	-	0.054869
Gpr157	MmuINT0073101	chr4	1.49E+08	1.49E+08	+	0.008569
Gpr157	MmuINT0073102	chr4	1.49E+08	1.49E+08	+	0.081121
Gpr157	MmuINT0073103	chr4	1.49E+08	1.49E+08	+	0.020051
Gpr162	MmuINT0073124	chr6	1.25E+08	1.25E+08	-	0.667522
Gpr162	MmuINT0073125	chr6	1.25E+08	1.25E+08	-	0.803415
Gpr162	MmuINT0073126	chr6	1.25E+08	1.25E+08	-	0.680481
Gpr172b	MmuINT0073133	chr15	76369626	76369812	+	0.026189
Gpr172b	MmuINT0073134	chr15	76370033	76370123	+	0.03021
Gpr172b	MmuINT0073135	chr15	76371010	76371101	+	0.1777
Gpr172b	MmuINT0073136	chr15	76371226	76371343	+	0.097411
Gpr180	MmuINT0073157	chr14	1.19E+08	1.19E+08	+	0.049927
Gpr180	MmuINT0073158	chr14	1.19E+08	1.19E+08	+	0.009176
Gpr180	MmuINT0073159	chr14	1.19E+08	1.19E+08	+	0.009492
Gpr180	MmuINT0073160	chr14	1.19E+08	1.19E+08	+	0.011745
Gpr180	MmuINT0073161	chr14	1.19E+08	1.19E+08	+	0.037128
Gpr180	MmuINT0073162	chr14	1.19E+08	1.19E+08	+	0.00742
Gpr180	MmuINT0073163	chr14	1.19E+08	1.19E+08	+	0.01275
Gpr180	MmuINT0073164	chr14	1.19E+08	1.19E+08	+	0.012476
Gpr182	MmuINT0073165	chr10	1.27E+08	1.27E+08	-	0.169898
Gpr4	MmuINT0073185	chr7	19797984	19806738	+	0.145625
Gpr56	MmuINT0073191	chr8	97508558	97526338	+	0.029634
Gpr56	MmuINT0073192	chr8	97532390	97533405	+	0.016583
Gpr56	MmuINT0073193	chr8	97533675	97534401	+	0.009356
Gpr56	MmuINT0073194	chr8	97534511	97535444	+	0.010777
Gpr56	MmuINT0073195	chr8	97535714	97536756	+	0.014473
Gpr56	MmuINT0073196	chr8	97526414	97527150	+	0.017267
Gpr56	MmuINT0073197	chr8	97527574	97529113	+	0.022898
Gpr56	MmuINT0073198	chr8	97529247	97529652	+	0.008471
Gpr56	MmuINT0073199	chr8	97529801	97530099	+	0.014117
Gpr56	MmuINT0073200	chr8	97530232	97530721	+	0.005603
Gpr56	MmuINT0073201	chr8	97530839	97531169	+	0.016527
Gpr56	MmuINT0073202	chr8	97531216	97531464	+	0.053302
Gpr56	MmuINT0073203	chr8	97531569	97532270	+	0.023482
Gpr89	MmuINT0073251	chr3	96702475	96709104	-	0.013805
Gpr89	MmuINT0073252	chr3	96679647	96683996	-	0.018848
Gpr89	MmuINT0073253	chr3	96677473	96679550	-	0.020056
Gpr89	MmuINT0073254	chr3	96676466	96677382	-	0.018385
Gpr89	MmuINT0073255	chr3	96675518	96676399	-	0.013642
Gpr89	MmuINT0073256	chr3	96701360	96702414	-	0.012742
Gpr89	MmuINT0073257	chr3	96697528	96701255	-	0.014201
Gpr89	MmuINT0073258	chr3	96696891	96697420	-	0.041269
Gpr89	MmuINT0073259	chr3	96694847	96696788	-	0.012787

Gpr89	MmuINT0073260	chr3	96693913	96694725	-	0.014693
Gpr89	MmuINT0073261	chr3	96686552	96693831	-	0.012714
Gpr89	MmuINT0073262	chr3	96684633	96686441	-	0.024404
Gpr89	MmuINT0073263	chr3	96684090	96684543	-	0.027434
Gpr97	MmuINT0073266	chr8	97564435	97568304	+	0.093772
Gpr97	MmuINT0073268	chr8	97557394	97558849	+	0.813063
Gpr97	MmuINT0073272	chr8	97560592	97560725	+	0.108713
Gpr98	MmuINT0073347	chr13	81552218	81553572	-	0.996313
Gprasp1	MmuINT0073368	chrX	1.32E+08	1.32E+08	+	0.023275
Gprasp1	MmuINT0073370	chrX	1.32E+08	1.32E+08	+	0.02537
Gprasp1	MmuINT0073371	chrX	1.32E+08	1.32E+08	+	0.061615
Gprc5b	MmuINT0073392	chr7	1.26E+08	1.26E+08	-	0.035663
Gprc5b	MmuINT0073393	chr7	1.26E+08	1.26E+08	-	0.152224
Gprc5b	MmuINT0073394	chr7	1.26E+08	1.26E+08	-	0.047489
Gps1	MmuINT0073410	chr11	1.21E+08	1.21E+08	+	0.12296
Gps2	MmuINT0073423	chr11	69727936	69728253	+	0.08765
Gps2	MmuINT0073424	chr11	69728364	69728434	+	0.11977
Gps2	MmuINT0073425	chr11	69728548	69728640	+	0.06946
Gps2	MmuINT0073426	chr11	69728721	69728809	+	0.037029
Gps2	MmuINT0073428	chr11	69729287	69729366	+	0.031352
Gps2	MmuINT0073429	chr11	69729457	69729534	+	0.056214
Gps2	MmuINT0073430	chr11	69729615	69729699	+	0.055758
Gps2	MmuINT0073431	chr11	69729796	69729921	+	0.109651
Gpsm1	MmuINT0073433	chr2	26195227	26195924	+	0.133065
Gpsm1	MmuINT0073434	chr2	26196105	26200121	+	0.215209
Gpsm1	MmuINT0073435	chr2	26200279	26200670	+	0.002839
Gpsm1	MmuINT0073436	chr2	26200880	26202326	+	0.112685
Gpsm1	MmuINT0073437	chr2	26178156	26179027	+	0.029462
Gpsm1	MmuINT0073439	chr2	26179552	26179932	+	0.096815
Gpsm1	MmuINT0073440	chr2	26180057	26180317	+	0.06545
Gpsm1	MmuINT0073443	chr2	26181843	26182811	+	0.03891
Gpsm1	MmuINT0073444	chr2	26182936	26195155	+	0.911396
Gpsm3	MmuINT0073459	chr17	34727206	34727405	+	0.176366
Gpsm3	MmuINT0073460	chr17	34727509	34727686	+	0.092717
Gpsm3	MmuINT0073461	chr17	34727887	34728114	+	0.051259
Gpt	MmuINT0073462	chr15	76527450	76527588	+	0.00489
Gpt	MmuINT0073463	chr15	76529779	76529849	+	0.05777
Gpt	MmuINT0073464	chr15	76527679	76527751	+	0.011134
Gpt	MmuINT0073465	chr15	76527861	76527971	+	0.006323
Gpt	MmuINT0073466	chr15	76528106	76528269	+	0.031564
Gpt	MmuINT0073467	chr15	76528514	76528732	+	0.031476
Gpt	MmuINT0073468	chr15	76528813	76528885	+	0.028434
Gpt	MmuINT0073469	chr15	76529023	76529144	+	0.019744
Gpt	MmuINT0073470	chr15	76529320	76529425	+	0.077188
Gpt	MmuINT0073471	chr15	76529582	76529665	+	0.042567
Gpt2	MmuINT0073473	chr8	88045394	88047154	+	0.005115
Gpt2	MmuINT0073474	chr8	88047268	88049434	+	0.007688
Gpt2	MmuINT0073475	chr8	88017069	88027163	+	0.015288
Gpt2	MmuINT0073476	chr8	88027254	88029477	+	0.005219
Gpt2	MmuINT0073477	chr8	88029587	88033077	+	0.00444

Gpt2	MmuINT0073478	chr8	88033209	88036011	+	0.006444
Gpt2	MmuINT0073479	chr8	88036256	88040056	+	0.015286
Gpt2	MmuINT0073480	chr8	88040137	88041875	+	0.014274
Gpt2	MmuINT0073481	chr8	88042013	88043346	+	0.010126
Gpt2	MmuINT0073482	chr8	88043522	88045237	+	0.002689
Gpx1	MmuINT0073483	chr9	1.08E+08	1.08E+08	+	0.006342
Gpx3	MmuINT0073485	chr11	54720783	54722042	+	0.010025
Gpx3	MmuINT0073486	chr11	54722161	54722541	+	0.003932
Gpx3	MmuINT0073487	chr11	54722642	54722938	+	0.006509
Gpx7	MmuINT0073503	chr4	1.08E+08	1.08E+08	-	0.039308
Gpx7	MmuINT0073504	chr4	1.08E+08	1.08E+08	-	0.03271
Gpx8	MmuINT0073505	chr13	1.14E+08	1.14E+08	-	0.022209
Gpx8	MmuINT0073506	chr13	1.14E+08	1.14E+08	-	0.014893
Gramd1a	MmuINT0073507	chr7	31928893	31935914	-	0.009607
Gramd1a	MmuINT0073508	chr7	31923277	31923770	-	0.0112
Gramd1a	MmuINT0073509	chr7	31920961	31923132	-	0.025519
Gramd1a	MmuINT0073510	chr7	31920759	31920841	-	0.020584
Gramd1a	MmuINT0073511	chr7	31919537	31920615	-	0.476852
Gramd1a	MmuINT0073512	chr7	31919351	31919432	-	0.021323
Gramd1a	MmuINT0073513	chr7	31919098	31919176	-	0.007701
Gramd1a	MmuINT0073514	chr7	31917885	31919009	-	0.030178
Gramd1a	MmuINT0073515	chr7	31917681	31917776	-	0.009405
Gramd1a	MmuINT0073516	chr7	31915604	31917559	-	0.049558
Gramd1a	MmuINT0073517	chr7	31928587	31928675	-	0.009102
Gramd1a	MmuINT0073518	chr7	31927908	31928565	-	0.011666
Gramd1a	MmuINT0073519	chr7	31927674	31927822	-	0.009833
Gramd1a	MmuINT0073520	chr7	31927483	31927569	-	0.01224
Gramd1a	MmuINT0073521	chr7	31926230	31927386	-	0.019995
Gramd1a	MmuINT0073522	chr7	31924889	31926148	-	0.016115
Gramd1a	MmuINT0073523	chr7	31924567	31924775	-	0.008966
Gramd1a	MmuINT0073524	chr7	31923970	31924415	-	0.008983
Gramd1b	MmuINT0073527	chr9	40115585	40115877	-	0.015786
Gramd1b	MmuINT0073529	chr9	40114060	40114324	-	0.020525
Gramd1b	MmuINT0073530	chr9	40112755	40113916	-	0.021887
Gramd1b	MmuINT0073531	chr9	40112112	40112650	-	0.014938
Gramd1b	MmuINT0073532	chr9	40111174	40111907	-	0.029378
Gramd1b	MmuINT0073534	chr9	40107305	40107573	-	0.020104
Gramd1b	MmuINT0073535	chr9	40105665	40107186	-	0.067143
Gramd3	MmuINT0073567	chr18	56592012	56629186	+	0.008149
Gramd3	MmuINT0073568	chr18	56649392	56650324	+	0.015771
Gramd3	MmuINT0073569	chr18	56650413	56651548	+	0.02267
Gramd3	MmuINT0073570	chr18	56651654	56656973	+	0.013611
Gramd3	MmuINT0073571	chr18	56657068	56662241	+	0.020698
Gramd3	MmuINT0073572	chr18	56629307	56633672	+	0.017944
Gramd3	MmuINT0073573	chr18	56633785	56636256	+	0.014993
Gramd3	MmuINT0073574	chr18	56636324	56638502	+	0.021292
Gramd3	MmuINT0073575	chr18	56638607	56642274	+	0.018205
Gramd3	MmuINT0073576	chr18	56642371	56644865	+	0.024019
Gramd3	MmuINT0073577	chr18	56644938	56645029	+	0.018299
Gramd3	MmuINT0073578	chr18	56645111	56648404	+	0.011763

Gramd3	MmuINT0073579	chr18	56648517	56649268	+	0.012065
Gramd4	MmuINT0073581	chr15	85959144	85960079	+	0.031457
Gramd4	MmuINT0073582	chr15	85960152	85960576	+	0.032719
Gramd4	MmuINT0073583	chr15	85960621	85960686	+	0.053964
Gramd4	MmuINT0073584	chr15	85960797	85960932	+	0.016246
Gramd4	MmuINT0073585	chr15	85961088	85962283	+	0.011522
Gramd4	MmuINT0073586	chr15	85962429	85963244	+	0.051044
Gramd4	MmuINT0073587	chr15	85963339	85964104	+	0.046543
Gramd4	MmuINT0073588	chr15	85964190	85965310	+	0.045401
Gramd4	MmuINT0073589	chr15	85965380	85965779	+	0.025201
Gramd4	MmuINT0073590	chr15	85921954	85931209	+	0.005193
Gramd4	MmuINT0073591	chr15	85931331	85948892	+	0.007394
Gramd4	MmuINT0073592	chr15	85949014	85952608	+	0.008358
Gramd4	MmuINT0073593	chr15	85952683	85955553	+	0.025262
Gramd4	MmuINT0073594	chr15	85955687	85956286	+	0.006575
Gramd4	MmuINT0073595	chr15	85956313	85957418	+	0.009232
Gramd4	MmuINT0073596	chr15	85957511	85957979	+	0.010999
Gramd4	MmuINT0073597	chr15	85958072	85959094	+	0.023164
Grap	MmuINT0073598	chr11	61466927	61473723	+	0.023338
Grap	MmuINT0073599	chr11	61473822	61477686	+	0.034205
Grap	MmuINT0073600	chr11	61477810	61483337	+	0.048019
Grap	MmuINT0073601	chr11	61483507	61485174	+	0.089944
Grasp	MmuINT0073608	chr15	1.01E+08	1.01E+08	+	0.315657
Grasp	MmuINT0073609	chr15	1.01E+08	1.01E+08	+	0.123651
Grasp	MmuINT0073610	chr15	1.01E+08	1.01E+08	+	0.099549
Grasp	MmuINT0073611	chr15	1.01E+08	1.01E+08	+	0.092778
Grasp	MmuINT0073612	chr15	1.01E+08	1.01E+08	+	0.103246
Grasp	MmuINT0073613	chr15	1.01E+08	1.01E+08	+	0.029995
Grasp	MmuINT0073614	chr15	1.01E+08	1.01E+08	+	0.077912
Grb10	MmuINT0073617	chr11	11887678	11937194	-	0.004784
Grb10	MmuINT0073618	chr11	11843984	11844818	-	0.006349
Grb10	MmuINT0073619	chr11	11838488	11843884	-	0.015312
Grb10	MmuINT0073620	chr11	11837927	11838412	-	0.009754
Grb10	MmuINT0073621	chr11	11837071	11837809	-	0.018534
Grb10	MmuINT0073622	chr11	11836809	11837003	-	0.006934
Grb10	MmuINT0073623	chr11	11834296	11836720	-	0.00769
Grb10	MmuINT0073624	chr11	11833613	11834201	-	0.005637
Grb10	MmuINT0073625	chr11	11870646	11887598	-	0.006545
Grb10	MmuINT0073626	chr11	11867689	11870425	-	0.006136
Grb10	MmuINT0073627	chr11	11854912	11867534	-	0.024264
Grb10	MmuINT0073629	chr11	11846806	11851505	-	0.005314
Grb10	MmuINT0073630	chr11	11846036	11846689	-	0.007201
Grb10	MmuINT0073631	chr11	11845636	11845966	-	0.008884
Grb10	MmuINT0073632	chr11	11844930	11845497	-	0.004684
Grb14	MmuINT0073633	chr2	64859277	64860516	-	0.004352
Grb14	MmuINT0073634	chr2	64755165	64755255	-	0.002851
Grb14	MmuINT0073635	chr2	64754974	64755091	-	0.001221
Grb14	MmuINT0073636	chr2	64752867	64754885	-	0.003396
Grb14	MmuINT0073637	chr2	64750911	64752772	-	0.0024
Grb14	MmuINT0073638	chr2	64791776	64859143	-	0.002402

Grb14	MmuINT0073639	chr2	64776548	64791618	-	0.000996
Grb14	MmuINT0073640	chr2	64774549	64776425	-	0.001287
Grb14	MmuINT0073641	chr2	64771415	64774473	-	0.000866
Grb14	MmuINT0073642	chr2	64768354	64771276	-	0.001012
Grb14	MmuINT0073643	chr2	64768053	64768242	-	0.00274
Grb14	MmuINT0073644	chr2	64761675	64767956	-	0.005436
Grb14	MmuINT0073645	chr2	64755373	64761593	-	0.006599
Grb2	MmuINT0073647	chr11	1.16E+08	1.16E+08	-	0.000854
Grb2	MmuINT0073649	chr11	1.16E+08	1.16E+08	-	0.001677
Grcc10	MmuINT0073665	chr6	1.25E+08	1.25E+08	-	0.003911
Grcc10	MmuINT0073666	chr6	1.25E+08	1.25E+08	-	0.008664
Grhpr	MmuINT0073779	chr4	44994407	44995750	+	0.002857
Grhpr	MmuINT0073780	chr4	44995882	44996745	+	0.002869
Grhpr	MmuINT0073781	chr4	44996819	44997301	+	0.005103
Grhpr	MmuINT0073782	chr4	44997419	44998178	+	0.003456
Grhpr	MmuINT0073783	chr4	44998268	44999157	+	0.005697
Grhpr	MmuINT0073784	chr4	44999263	45000087	+	0.007841
Grhpr	MmuINT0073785	chr4	45000224	45001791	+	0.005982
Grhpr	MmuINT0073786	chr4	45001923	45003248	+	0.004012
Grik5	MmuINT0073980	chr7	25843411	25843512	-	0.045265
Grik5	MmuINT0073981	chr7	25831397	25843302	-	0.030843
Grik5	MmuINT0073982	chr7	25808416	25831192	-	0.048942
Grik5	MmuINT0073983	chr7	25808115	25808301	-	0.038199
Grik5	MmuINT0073984	chr7	25807634	25808004	-	0.050756
Grik5	MmuINT0073985	chr7	25800993	25807459	-	0.084609
Grik5	MmuINT0073986	chr7	25800550	25800826	-	0.199927
Grik5	MmuINT0073987	chr7	25798938	25800323	-	0.022583
Grik5	MmuINT0073988	chr7	25798727	25798808	-	0.049157
Grik5	MmuINT0073989	chr7	25795814	25798604	-	0.056474
Grik5	MmuINT0073990	chr7	25853194	25853462	-	0.046628
Grik5	MmuINT0073991	chr7	25850490	25853028	-	0.035741
Grik5	MmuINT0073992	chr7	25850314	25850391	-	0.046564
Grik5	MmuINT0073993	chr7	25848076	25850147	-	0.031449
Grik5	MmuINT0073994	chr7	25845803	25847896	-	0.050309
Grik5	MmuINT0073995	chr7	25845651	25845748	-	0.050202
Grik5	MmuINT0073996	chr7	25844113	25845488	-	0.072963
Grik5	MmuINT0073997	chr7	25843618	25843959	-	0.050592
Grin2d	MmuINT0074060	chr7	53089852	53090008	-	0.903381
Grin3b	MmuINT0074081	chr10	79438525	79438605	+	0.948389
Grin3b	MmuINT0074082	chr10	79438722	79438798	+	0.859206
Grin3b	MmuINT0074083	chr10	79438951	79439138	+	0.944693
Grina	MmuINT0074086	chr15	76077331	76078280	+	0.126621
Grina	MmuINT0074087	chr15	76078608	76078688	+	0.009983
Grina	MmuINT0074088	chr15	76078799	76078878	+	0.005677
Grina	MmuINT0074089	chr15	76079080	76079201	+	0.025779
Grina	MmuINT0074090	chr15	76079331	76079407	+	0.010091
Grina	MmuINT0074091	chr15	76079552	76079646	+	0.002315
Grinl1a	MmuINT0074092	chr9	71331613	71332541	-	0.036969
Grinl1a	MmuINT0074093	chr9	71329354	71330973	-	0.001796
Grinl1a	MmuINT0074094	chr9	71327348	71329148	-	0.001361



Grip2	MmuINT0074139	chr6	91713601	91714689	-	0.011019
Gripap1	MmuINT0074147	chrX	7367195	7369195	+	0.032723
Gripap1	MmuINT0074148	chrX	7378478	7378615	+	0.014455
Gripap1	MmuINT0074149	chrX	7378716	7380448	+	0.01871
Gripap1	MmuINT0074150	chrX	7380527	7381485	+	0.081586
Gripap1	MmuINT0074151	chrX	7381621	7387018	+	0.024994
Gripap1	MmuINT0074152	chrX	7387115	7387378	+	0.010992
Gripap1	MmuINT0074153	chrX	7387592	7387733	+	0.023121
Gripap1	MmuINT0074154	chrX	7387848	7389407	+	0.022039
Gripap1	MmuINT0074155	chrX	7389486	7389590	+	0.007622
Gripap1	MmuINT0074156	chrX	7389687	7389807	+	0.01223
Gripap1	MmuINT0074157	chrX	7389865	7389957	+	0.018718
Gripap1	MmuINT0074158	chrX	7369263	7369401	+	0.018928
Gripap1	MmuINT0074159	chrX	7390058	7391693	+	0.008982
Gripap1	MmuINT0074160	chrX	7391825	7395152	+	0.015457
Gripap1	MmuINT0074161	chrX	7395276	7395421	+	0.053655
Gripap1	MmuINT0074162	chrX	7395516	7396292	+	0.323845
Gripap1	MmuINT0074163	chrX	7396448	7397127	+	0.131593
Gripap1	MmuINT0074164	chrX	7369464	7371385	+	0.022129
Gripap1	MmuINT0074165	chrX	7371413	7372117	+	0.178351
Gripap1	MmuINT0074166	chrX	7372226	7376415	+	0.009917
Gripap1	MmuINT0074167	chrX	7376555	7377282	+	0.022507
Gripap1	MmuINT0074168	chrX	7377468	7377661	+	0.056621
Gripap1	MmuINT0074169	chrX	7377710	7378302	+	0.051862
Gripap1	MmuINT0074170	chrX	7378335	7378429	+	0.021223
Grk5	MmuINT0074194	chr19	61155278	61156756	+	0.018971
Grk5	MmuINT0074195	chr19	61156847	61158963	+	0.020563
Grk5	MmuINT0074196	chr19	61159173	61161974	+	0.007081
Grk5	MmuINT0074197	chr19	61162113	61165813	+	0.010016
Grk5	MmuINT0074198	chr19	61165952	61166410	+	0.003971
Grk5	MmuINT0074200	chr19	61063701	61107654	+	0.015923
Grk5	MmuINT0074201	chr19	61107768	61121979	+	0.010083
Grk5	MmuINT0074202	chr19	61122058	61144450	+	0.015478
Grk5	MmuINT0074203	chr19	61144552	61145206	+	0.011361
Grk5	MmuINT0074204	chr19	61145300	61148336	+	0.010385
Grk5	MmuINT0074205	chr19	61148401	61149291	+	0.010514
Grk5	MmuINT0074206	chr19	61149433	61152540	+	0.006125
Grk5	MmuINT0074207	chr19	61152732	61155239	+	0.008376
Grk6	MmuINT0074209	chr13	55546922	55550668	+	0.030144
Grk6	MmuINT0074210	chr13	55554446	55554532	+	0.047236
Grk6	MmuINT0074211	chr13	55554623	55555677	+	0.030249
Grk6	MmuINT0074212	chr13	55555887	55555966	+	0.015764
Grk6	MmuINT0074213	chr13	55556105	55560153	+	0.022342
Grk6	MmuINT0074214	chr13	55560292	55560373	+	0.014339
Grk6	MmuINT0074215	chr13	55550765	55551625	+	0.012194
Grk6	MmuINT0074216	chr13	55551739	55551867	+	0.059976
Grk6	MmuINT0074217	chr13	55551946	55552288	+	0.04696
Grk6	MmuINT0074218	chr13	55552390	55552689	+	0.021699
Grk6	MmuINT0074219	chr13	55552783	55552880	+	0.045094
Grk6	MmuINT0074220	chr13	55552945	55553063	+	0.014394

Grk6	MmuINT0074221	chr13	55553205	55553495	+	0.142268
Grk6	MmuINT0074222	chr13	55553687	55554407	+	0.01706
Grlf1	MmuINT0074224	chr7	17150679	17199820	-	0.019009
Grlf1	MmuINT0074225	chr7	17134557	17146806	-	0.005383
Grlf1	MmuINT0074227	chr7	17096674	17097756	-	0.006622
Grlf1	MmuINT0074228	chr7	17084039	17096541	-	0.007056
Grlf1	MmuINT0074229	chr7	17083360	17083932	-	0.007099
Grm1	MmuINT0074232	chr10	10502593	10656126	-	0.013327
Grm1	MmuINT0074233	chr10	10466590	10502356	-	0.015056
Grm1	MmuINT0074234	chr10	10461403	10466342	-	0.017257
Grm1	MmuINT0074235	chr10	10453084	10461233	-	0.01787
Grm1	MmuINT0074237	chr10	10417931	10439020	-	0.015907
Grm1	MmuINT0074238	chr10	10409701	10417845	-	0.066024
Grn	MmuINT0074298	chr11	1.02E+08	1.02E+08	+	0.01786
Grn	MmuINT0074299	chr11	1.02E+08	1.02E+08	+	0.042423
Grn	MmuINT0074300	chr11	1.02E+08	1.02E+08	+	0.00388
Grn	MmuINT0074301	chr11	1.02E+08	1.02E+08	+	0.006003
Grn	MmuINT0074302	chr11	1.02E+08	1.02E+08	+	0.005049
Grn	MmuINT0074303	chr11	1.02E+08	1.02E+08	+	0.017444
Grn	MmuINT0074304	chr11	1.02E+08	1.02E+08	+	0.013064
Grn	MmuINT0074305	chr11	1.02E+08	1.02E+08	+	0.008331
Grn	MmuINT0074306	chr11	1.02E+08	1.02E+08	+	0.00557
Grn	MmuINT0074307	chr11	1.02E+08	1.02E+08	+	0.012556
Grn	MmuINT0074308	chr11	1.02E+08	1.02E+08	+	0.03458
Grn	MmuINT0074309	chr11	1.02E+08	1.02E+08	+	0.017129
Grpel1	MmuINT0074312	chr5	36807905	36812086	+	0.001267
Grpel1	MmuINT0074313	chr5	36812250	36813250	+	0.000953
Grpel1	MmuINT0074314	chr5	36813333	36813704	+	0.001711
Grpel2	MmuINT0074316	chr18	61878490	61879355	-	0.005472
Grrp1	MmuINT0074320	chr4	1.34E+08	1.34E+08	-	0.192231
Grsf1	MmuINT0074323	chr5	89101786	89102717	-	0.002064
Grsf1	MmuINT0074324	chr5	89100331	89101629	-	0.002291
Grsf1	MmuINT0074325	chr5	89099337	89100186	-	0.00082
Grsf1	MmuINT0074326	chr5	89094967	89099200	-	0.001684
Grsf1	MmuINT0074327	chr5	89093211	89094781	-	0.002364
Grsf1	MmuINT0074328	chr5	89092281	89093088	-	0.001756
Grsf1	MmuINT0074329	chr5	89091636	89092144	-	0.003858
Grsf1	MmuINT0074330	chr5	89089485	89091559	-	0.003662
Grtp1	MmuINT0074337	chr8	13177143	13179322	-	0.042626
Grwd1	MmuINT0074338	chr7	53085780	53085964	-	0.017483
Grwd1	MmuINT0074339	chr7	53085515	53085661	-	0.015086
Grwd1	MmuINT0074340	chr7	53083364	53085351	-	0.022747
Grwd1	MmuINT0074341	chr7	53083039	53083149	-	0.019645
Grwd1	MmuINT0074342	chr7	53082709	53082895	-	0.019779
Grwd1	MmuINT0074343	chr7	53081464	53082510	-	0.058498
Gsdmd	MmuINT0074448	chr15	75692912	75693834	+	0.022564
Gsdmd	MmuINT0074449	chr15	75697294	75697426	+	0.218893
Gsdmd	MmuINT0074450	chr15	75694059	75694673	+	0.623686
Gsdmd	MmuINT0074451	chr15	75694867	75695378	+	0.55328
Gsdmd	MmuINT0074452	chr15	75695548	75695852	+	0.040235

Gsdmd	MmuINT0074453	chr15	75695956	75696189	+	0.175145
Gsdmd	MmuINT0074454	chr15	75696241	75696516	+	0.198774
Gsdmd	MmuINT0074455	chr15	75696607	75696725	+	0.50427
Gsdmd	MmuINT0074456	chr15	75696902	75696975	+	0.056593
Gsdmd	MmuINT0074457	chr15	75697121	75697219	+	0.239764
Gse1	MmuINT0074460	chr8	1.23E+08	1.23E+08	+	0.026612
Gse1	MmuINT0074461	chr8	1.23E+08	1.23E+08	+	0.218348
Gse1	MmuINT0074462	chr8	1.23E+08	1.23E+08	+	0.187376
Gse1	MmuINT0074463	chr8	1.23E+08	1.23E+08	+	0.030651
Gse1	MmuINT0074464	chr8	1.23E+08	1.23E+08	+	0.037803
Gse1	MmuINT0074465	chr8	1.23E+08	1.23E+08	+	0.034826
Gse1	MmuINT0074466	chr8	1.23E+08	1.23E+08	+	0.091691
Gse1	MmuINT0074467	chr8	1.23E+08	1.23E+08	+	0.053418
Gse1	MmuINT0074468	chr8	1.23E+08	1.23E+08	+	0.022084
Gse1	MmuINT0074469	chr8	1.23E+08	1.23E+08	+	0.022491
Gse1	MmuINT0074470	chr8	1.23E+08	1.23E+08	+	0.025579
Gse1	MmuINT0074471	chr8	1.23E+08	1.23E+08	+	0.038922
Gse1	MmuINT0074472	chr8	1.23E+08	1.23E+08	+	0.031094
Gse1	MmuINT0074473	chr8	1.23E+08	1.23E+08	+	0.038025
Gsg1l	MmuINT0074483	chr7	1.33E+08	1.33E+08	-	0.024478
Gsg1l	MmuINT0074484	chr7	1.33E+08	1.33E+08	-	0.026976
Gsg1l	MmuINT0074485	chr7	1.33E+08	1.33E+08	-	0.016168
Gsg1l	MmuINT0074486	chr7	1.33E+08	1.33E+08	-	0.011191
Gsg1l	MmuINT0074487	chr7	1.33E+08	1.33E+08	-	0.011873
Gsg1l	MmuINT0074488	chr7	1.33E+08	1.33E+08	-	0.026703
Gsk3a	MmuINT0074489	chr7	26020760	26022396	-	0.052501
Gsk3a	MmuINT0074490	chr7	26013950	26014483	-	0.090853
Gsk3a	MmuINT0074491	chr7	26018931	26020571	-	0.023115
Gsk3a	MmuINT0074494	chr7	26016761	26016852	-	0.00181
Gsk3a	MmuINT0074495	chr7	26015902	26016653	-	0.009049
Gsk3a	MmuINT0074497	chr7	26015060	26015623	-	0.025643
Gsk3a	MmuINT0074498	chr7	26014592	26014869	-	0.090817
Gsk3b	MmuINT0074499	chr16	38090700	38144345	+	0.008181
Gsk3b	MmuINT0074500	chr16	38228863	38240587	+	0.006124
Gsk3b	MmuINT0074501	chr16	38144540	38170749	+	0.010938
Gsk3b	MmuINT0074502	chr16	38170834	38184520	+	0.010275
Gsk3b	MmuINT0074503	chr16	38184632	38187896	+	0.009455
Gsk3b	MmuINT0074504	chr16	38188028	38191613	+	0.012764
Gsk3b	MmuINT0074505	chr16	38191721	38193982	+	0.00823
Gsk3b	MmuINT0074506	chr16	38194081	38208080	+	0.009335
Gsk3b	MmuINT0074507	chr16	38208177	38220057	+	0.015033
Gsk3b	MmuINT0074508	chr16	38220245	38228763	+	0.020629
Gsn	MmuINT0074509	chr2	35138122	35139424	+	0.000948
Gsn	MmuINT0074510	chr2	35154449	35156985	+	0.001217
Gsn	MmuINT0074511	chr2	35157077	35158010	+	0.000763
Gsn	MmuINT0074512	chr2	35158182	35158687	+	0.004015
Gsn	MmuINT0074513	chr2	35158863	35159783	+	0.003209
Gsn	MmuINT0074514	chr2	35159909	35160100	+	0.002541
Gsn	MmuINT0074515	chr2	35160179	35162065	+	0.011118
Gsn	MmuINT0074516	chr2	35162127	35163016	+	0.00126

Gsn	MmuINT0074517	chr2	35139630	35140193	+	0.00046
Gsn	MmuINT0074518	chr2	35140349	35145852	+	0.000632
Gsn	MmuINT0074519	chr2	35146015	35148106	+	0.001499
Gsn	MmuINT0074520	chr2	35148257	35148997	+	0.000638
Gsn	MmuINT0074521	chr2	35149088	35150454	+	0.003044
Gsn	MmuINT0074522	chr2	35150588	35151644	+	0.000728
Gsn	MmuINT0074523	chr2	35151734	35151885	+	0.000655
Gsn	MmuINT0074524	chr2	35152102	35154314	+	0.001053
Gspt1	MmuINT0074525	chr16	11240934	11253735	-	0.012081
Gspt1	MmuINT0074526	chr16	11228289	11229301	-	0.004774
Gspt1	MmuINT0074527	chr16	11224687	11228207	-	0.003752
Gspt1	MmuINT0074528	chr16	11223395	11224512	-	0.00413
Gspt1	MmuINT0074529	chr16	11222847	11223304	-	0.012814
Gspt1	MmuINT0074530	chr16	11220973	11222677	-	0.010199
Gspt1	MmuINT0074531	chr16	11240801	11240897	-	0.006323
Gspt1	MmuINT0074533	chr16	11235537	11237623	-	0.009401
Gspt1	MmuINT0074534	chr16	11232806	11235458	-	0.002381
Gspt1	MmuINT0074535	chr16	11231085	11232624	-	0.002778
Gspt1	MmuINT0074536	chr16	11230744	11230929	-	0.001311
Gspt1	MmuINT0074537	chr16	11229396	11230602	-	0.000661
Gsr	MmuINT0074538	chr8	34764252	34779624	+	0.025349
Gsr	MmuINT0074539	chr8	34799925	34804270	+	0.030418
Gsr	MmuINT0074540	chr8	34804403	34805470	+	0.013003
Gsr	MmuINT0074541	chr8	34805605	34807617	+	0.011919
Gsr	MmuINT0074542	chr8	34779652	34780364	+	0.01353
Gsr	MmuINT0074543	chr8	34780454	34781994	+	0.012399
Gsr	MmuINT0074544	chr8	34782065	34784558	+	0.011248
Gsr	MmuINT0074545	chr8	34784707	34790734	+	0.010239
Gsr	MmuINT0074546	chr8	34790790	34791936	+	0.011951
Gsr	MmuINT0074547	chr8	34792037	34793064	+	0.012332
Gsr	MmuINT0074548	chr8	34793152	34796015	+	0.010618
Gsr	MmuINT0074549	chr8	34796175	34799812	+	0.007609
Gss	MmuINT0074550	chr2	1.55E+08	1.55E+08	-	0.045907
Gss	MmuINT0074551	chr2	1.55E+08	1.55E+08	-	0.039578
Gss	MmuINT0074552	chr2	1.55E+08	1.55E+08	-	0.039379
Gss	MmuINT0074553	chr2	1.55E+08	1.55E+08	-	0.019
Gss	MmuINT0074554	chr2	1.55E+08	1.55E+08	-	0.012421
Gss	MmuINT0074555	chr2	1.55E+08	1.55E+08	-	0.022984
Gss	MmuINT0074556	chr2	1.55E+08	1.55E+08	-	0.065387
Gss	MmuINT0074557	chr2	1.55E+08	1.55E+08	-	0.031518
Gss	MmuINT0074558	chr2	1.55E+08	1.55E+08	-	0.055888
Gss	MmuINT0074559	chr2	1.55E+08	1.55E+08	-	0.040503
Gss	MmuINT0074560	chr2	1.55E+08	1.55E+08	-	0.039784
Gss	MmuINT0074561	chr2	1.55E+08	1.55E+08	-	0.035685
Gsta2	MmuINT0074570	chr9	78185499	78186451	-	0.042864
Gsta3	MmuINT0074578	chr1	21249062	21250128	+	0.121543
Gsta3	MmuINT0074580	chr1	21253006	21254923	+	0.23125
Gsta4	MmuINT0074582	chr9	78039872	78046076	+	0.002169
Gsta4	MmuINT0074583	chr9	78046184	78047296	+	0.004596
Gsta4	MmuINT0074584	chr9	78047349	78052038	+	0.003157

Gsta4	MmuINT0074585	chr9	78052172	78053718	+	0.001074
Gsta4	MmuINT0074586	chr9	78053861	78055607	+	0.002118
Gsta4	MmuINT0074587	chr9	78055740	78056863	+	0.002197
Gstcd	MmuINT0074591	chr3	1.33E+08	1.33E+08	-	0.059191
Gstcd	MmuINT0074592	chr3	1.33E+08	1.33E+08	-	0.047906
Gstk1	MmuINT0074599	chr6	42196093	42196548	+	0.000791
Gstk1	MmuINT0074600	chr6	42196631	42196809	+	0.00171
Gstk1	MmuINT0074601	chr6	42196939	42197482	+	0.009257
Gstk1	MmuINT0074602	chr6	42197584	42197732	+	0.008241
Gstk1	MmuINT0074603	chr6	42197769	42199377	+	0.005145
Gstk1	MmuINT0074604	chr6	42199495	42199837	+	0.003466
Gstk1	MmuINT0074605	chr6	42199932	42200228	+	0.003052
Gstm1	MmuINT0074607	chr3	1.08E+08	1.08E+08	-	0.00275
Gstm1	MmuINT0074609	chr3	1.08E+08	1.08E+08	-	0.003334
Gstm2	MmuINT0074613	chr3	1.08E+08	1.08E+08	-	0.003398
Gstm2	MmuINT0074614	chr3	1.08E+08	1.08E+08	-	0.011974
Gstm4	MmuINT0074627	chr3	1.08E+08	1.08E+08	-	0.022368
Gstm4	MmuINT0074628	chr3	1.08E+08	1.08E+08	-	0.012937
Gstm4	MmuINT0074629	chr3	1.08E+08	1.08E+08	-	0.012371
Gstm4	MmuINT0074630	chr3	1.08E+08	1.08E+08	-	0.027104
Gstm4	MmuINT0074631	chr3	1.08E+08	1.08E+08	-	0.013822
Gstm4	MmuINT0074632	chr3	1.08E+08	1.08E+08	-	0.011305
Gstm5	MmuINT0074634	chr3	1.08E+08	1.08E+08	+	0.005405
Gstm5	MmuINT0074635	chr3	1.08E+08	1.08E+08	+	0.003035
Gstm5	MmuINT0074636	chr3	1.08E+08	1.08E+08	+	0.00319
Gstm5	MmuINT0074637	chr3	1.08E+08	1.08E+08	+	0.002814
Gstm5	MmuINT0074638	chr3	1.08E+08	1.08E+08	+	0.003466
Gstm5	MmuINT0074639	chr3	1.08E+08	1.08E+08	+	0.003905
Gstm7	MmuINT0074647	chr3	1.08E+08	1.08E+08	-	0.008212
Gstm7	MmuINT0074648	chr3	1.08E+08	1.08E+08	-	0.007425
Gstm7	MmuINT0074649	chr3	1.08E+08	1.08E+08	-	0.003802
Gstm7	MmuINT0074650	chr3	1.08E+08	1.08E+08	-	0.002708
Gstm7	MmuINT0074651	chr3	1.08E+08	1.08E+08	-	0.004344
Gstm7	MmuINT0074653	chr3	1.08E+08	1.08E+08	-	0.002383
Gsto1	MmuINT0074654	chr19	47929613	47929704	+	0.001242
Gsto1	MmuINT0074655	chr19	47929814	47932348	+	0.00758
Gsto1	MmuINT0074656	chr19	47932572	47933921	+	0.001379
Gsto1	MmuINT0074657	chr19	47934021	47937868	+	0.004831
Gsto1	MmuINT0074658	chr19	47937973	47938786	+	0.000847
Gsto2	MmuINT0074659	chr19	47940420	47944175	+	0.060516
Gsto2	MmuINT0074660	chr19	47944251	47944698	+	0.053724
Gsto2	MmuINT0074663	chr19	47946615	47949319	+	0.064951
Gsto2	MmuINT0074665	chr19	47950988	47959145	+	0.050744
Gsto2	MmuINT0074666	chr19	47959253	47960507	+	0.046706
Gstp1	MmuINT0074667	chr19	4037621	4037862	-	0.009723
Gstp1	MmuINT0074668	chr19	4037397	4037584	-	0.005408
Gstt1	MmuINT0074679	chr10	75259876	75261129	-	0.040085
Gstt1	MmuINT0074680	chr10	75256973	75259787	-	0.014648
Gstt1	MmuINT0074681	chr10	75249717	75256821	-	0.014949
Gstt1	MmuINT0074682	chr10	75246979	75249539	-	0.014143

Gstt2	MmuINT0074683	chr10	75296485	75296919	-	0.232674
Gstt2	MmuINT0074684	chr10	75295557	75296396	-	0.409228
Gstt2	MmuINT0074685	chr10	75295314	75295405	-	0.03253
Gstt2	MmuINT0074686	chr10	75294840	75295139	-	0.028819
Gstt3	MmuINT0074687	chr10	75240934	75243591	-	0.11994
Gstz1	MmuINT0074695	chr12	88498895	88500027	+	0.008861
Gstz1	MmuINT0074696	chr12	88500096	88500589	+	0.012128
Gstz1	MmuINT0074697	chr12	88500671	88500999	+	0.00958
Gstz1	MmuINT0074698	chr12	88501126	88502424	+	0.055896
Gstz1	MmuINT0074699	chr12	88502504	88502989	+	0.007648
Gstz1	MmuINT0074700	chr12	88503043	88503937	+	0.015938
Gstz1	MmuINT0074701	chr12	88503988	88504653	+	0.011987
Gtdc1	MmuINT0074706	chr2	44421055	44425938	-	0.054052
Gtdc1	MmuINT0074707	chr2	44681064	44715810	-	0.035822
Gtdc1	MmuINT0074708	chr2	44611956	44680870	-	0.018683
Gtdc1	MmuINT0074709	chr2	44607741	44611787	-	0.020934
Gtdc1	MmuINT0074710	chr2	44490837	44607566	-	0.014603
Gtdc1	MmuINT0074711	chr2	44447511	44490521	-	0.013113
Gtdc1	MmuINT0074712	chr2	44431108	44447400	-	0.015458
Gtdc1	MmuINT0074713	chr2	44426804	44430962	-	0.030111
Gtdc1	MmuINT0074714	chr2	44426031	44426732	-	0.021172
Gtf2a1	MmuINT0074717	chr12	92814232	92825139	-	0.042418
Gtf2a1	MmuINT0074719	chr12	92808279	92811005	-	0.00783
Gtf2a1	MmuINT0074720	chr12	92806711	92808202	-	0.019636
Gtf2a1	MmuINT0074721	chr12	92806301	92806576	-	0.031062
Gtf2a1	MmuINT0074723	chr12	92798292	92801348	-	0.008425
Gtf2a2	MmuINT0074732	chr9	69860469	69863098	+	0.023364
Gtf2a2	MmuINT0074734	chr9	69864731	69867195	+	0.049207
Gtf2a2	MmuINT0074735	chr9	69867323	69870243	+	0.03589
Gtf2b	MmuINT0074736	chr3	1.42E+08	1.42E+08	+	0.014302
Gtf2b	MmuINT0074739	chr3	1.42E+08	1.42E+08	+	0.000238
Gtf2b	MmuINT0074740	chr3	1.42E+08	1.42E+08	+	0.005726
Gtf2b	MmuINT0074741	chr3	1.42E+08	1.42E+08	+	0.013684
Gtf2e1	MmuINT0074742	chr16	37536280	37539738	-	0.050109
Gtf2e1	MmuINT0074743	chr16	37523039	37535806	-	0.023763
Gtf2e1	MmuINT0074744	chr16	37516047	37522836	-	0.022714
Gtf2e1	MmuINT0074745	chr16	37511906	37515804	-	0.025849
Gtf2e2	MmuINT0074748	chr8	34846379	34862912	+	0.015478
Gtf2e2	MmuINT0074749	chr8	34863005	34866323	+	0.009887
Gtf2e2	MmuINT0074750	chr8	34866432	34869027	+	0.011355
Gtf2e2	MmuINT0074751	chr8	34869211	34872481	+	0.017077
Gtf2e2	MmuINT0074752	chr8	34872576	34886415	+	0.008731
Gtf2e2	MmuINT0074753	chr8	34886532	34886924	+	0.022796
Gtf2f1	MmuINT0074755	chr17	57150446	57150531	-	0.015016
Gtf2f1	MmuINT0074756	chr17	57143477	57143544	-	0.051664
Gtf2f1	MmuINT0074757	chr17	57143235	57143337	-	0.011271
Gtf2f1	MmuINT0074758	chr17	57143055	57143143	-	0.009027
Gtf2f1	MmuINT0074759	chr17	57149184	57150398	-	0.015115
Gtf2f1	MmuINT0074760	chr17	57147330	57149110	-	0.014079
Gtf2f1	MmuINT0074761	chr17	57146580	57147135	-	0.024438

Gtf2f1	MmuINT0074762	chr17	57144968	57146408	-	0.007407
Gtf2f1	MmuINT0074763	chr17	57144243	57144782	-	0.009345
Gtf2f1	MmuINT0074764	chr17	57143996	57144088	-	0.011687
Gtf2f1	MmuINT0074765	chr17	57143852	57143933	-	0.013695
Gtf2f1	MmuINT0074766	chr17	57143619	57143731	-	0.010316
Gtf2f2	MmuINT0074767	chr14	76407586	76410486	-	0.016033
Gtf2f2	MmuINT0074768	chr14	76396735	76407511	-	0.008386
Gtf2f2	MmuINT0074769	chr14	76395373	76396715	-	0.008791
Gtf2f2	MmuINT0074770	chr14	76349327	76395227	-	0.011173
Gtf2f2	MmuINT0074771	chr14	76317541	76349244	-	0.022905
Gtf2f2	MmuINT0074772	chr14	76306734	76317440	-	0.011852
Gtf2f2	MmuINT0074773	chr14	76297461	76306589	-	0.008788
Gtf2h1	MmuINT0074774	chr7	54051659	54057041	+	0.02433
Gtf2h1	MmuINT0074775	chr7	54069575	54070669	+	0.012003
Gtf2h1	MmuINT0074776	chr7	54070788	54071753	+	0.027596
Gtf2h1	MmuINT0074777	chr7	54071845	54072266	+	0.031549
Gtf2h1	MmuINT0074778	chr7	54072383	54074491	+	0.027944
Gtf2h1	MmuINT0074779	chr7	54074585	54078192	+	0.034926
Gtf2h1	MmuINT0074780	chr7	54057211	54059186	+	0.016228
Gtf2h1	MmuINT0074781	chr7	54059380	54060330	+	0.010134
Gtf2h1	MmuINT0074782	chr7	54060494	54062105	+	0.04983
Gtf2h1	MmuINT0074783	chr7	54062200	54063906	+	0.041091
Gtf2h1	MmuINT0074784	chr7	54064057	54064169	+	0.013517
Gtf2h1	MmuINT0074785	chr7	54064250	54067801	+	0.025122
Gtf2h1	MmuINT0074786	chr7	54067930	54068031	+	0.01453
Gtf2h1	MmuINT0074787	chr7	54068120	54069485	+	0.014813
Gtf2h2	MmuINT0074788	chr13	1.01E+08	1.01E+08	-	0.010267
Gtf2h2	MmuINT0074789	chr13	1.01E+08	1.01E+08	-	0.027875
Gtf2h2	MmuINT0074790	chr13	1.01E+08	1.01E+08	-	0.019176
Gtf2h2	MmuINT0074791	chr13	1.01E+08	1.01E+08	-	0.016085
Gtf2h2	MmuINT0074792	chr13	1.01E+08	1.01E+08	-	0.017939
Gtf2h2	MmuINT0074793	chr13	1.01E+08	1.01E+08	-	0.026415
Gtf2h2	MmuINT0074794	chr13	1.01E+08	1.01E+08	-	0.014923
Gtf2h2	MmuINT0074795	chr13	1.01E+08	1.01E+08	-	0.016984
Gtf2h2	MmuINT0074796	chr13	1.01E+08	1.01E+08	-	0.018683
Gtf2h2	MmuINT0074797	chr13	1.01E+08	1.01E+08	-	0.015563
Gtf2h2	MmuINT0074798	chr13	1.01E+08	1.01E+08	-	0.056265
Gtf2h2	MmuINT0074799	chr13	1.01E+08	1.01E+08	-	0.066502
Gtf2h2	MmuINT0074800	chr13	1.01E+08	1.01E+08	-	0.084096
Gtf2h2	MmuINT0074801	chr13	1.01E+08	1.01E+08	-	0.090711
Gtf2h2	MmuINT0074802	chr13	1.01E+08	1.01E+08	-	0.049222
Gtf2h3	MmuINT0074803	chr5	1.25E+08	1.25E+08	+	0.084216
Gtf2h3	MmuINT0074804	chr5	1.25E+08	1.25E+08	+	0.019796
Gtf2h3	MmuINT0074805	chr5	1.25E+08	1.25E+08	+	0.020093
Gtf2h3	MmuINT0074806	chr5	1.25E+08	1.25E+08	+	0.019186
Gtf2h3	MmuINT0074807	chr5	1.25E+08	1.25E+08	+	0.052708
Gtf2h3	MmuINT0074808	chr5	1.25E+08	1.25E+08	+	0.01551
Gtf2h3	MmuINT0074809	chr5	1.25E+08	1.25E+08	+	0.01036
Gtf2h3	MmuINT0074810	chr5	1.25E+08	1.25E+08	+	0.02
Gtf2h3	MmuINT0074811	chr5	1.25E+08	1.25E+08	+	0.014904

Gtf2h3	MmuINT0074812	chr5	1.25E+08	1.25E+08	+	0.01873
Gtf2h3	MmuINT0074813	chr5	1.25E+08	1.25E+08	+	0.020893
Gtf2h3	MmuINT0074814	chr5	1.25E+08	1.25E+08	+	0.086073
Gtf2h4	MmuINT0074815	chr17	35809774	35810500	-	0.014986
Gtf2h4	MmuINT0074816	chr17	35806385	35806573	-	0.013637
Gtf2h4	MmuINT0074817	chr17	35805603	35806253	-	0.045199
Gtf2h4	MmuINT0074818	chr17	35805452	35805554	-	0.015712
Gtf2h4	MmuINT0074819	chr17	35804948	35805372	-	0.036537
Gtf2h4	MmuINT0074820	chr17	35809043	35809630	-	0.020004
Gtf2h4	MmuINT0074821	chr17	35808303	35808937	-	0.04982
Gtf2h4	MmuINT0074822	chr17	35807908	35808170	-	0.015505
Gtf2h4	MmuINT0074823	chr17	35807691	35807810	-	0.061079
Gtf2h4	MmuINT0074824	chr17	35807422	35807601	-	0.078073
Gtf2h4	MmuINT0074825	chr17	35807204	35807309	-	0.019503
Gtf2h4	MmuINT0074826	chr17	35806977	35807134	-	0.061427
Gtf2h4	MmuINT0074827	chr17	35806707	35806892	-	0.055061
Gtf2h5	MmuINT0074828	chr17	6079912	6080801	+	0.00586
Gtf2h5	MmuINT0074829	chr17	6080875	6084471	+	0.004978
Gtf2i	MmuINT0074834	chr5	1.35E+08	1.35E+08	-	0.002106
Gtf2i	MmuINT0074837	chr5	1.35E+08	1.35E+08	-	0.002692
Gtf2i	MmuINT0074838	chr5	1.35E+08	1.35E+08	-	0.002186
Gtf2i	MmuINT0074839	chr5	1.35E+08	1.35E+08	-	0.002251
Gtf2i	MmuINT0074840	chr5	1.35E+08	1.35E+08	-	0.003553
Gtf2i	MmuINT0074841	chr5	1.35E+08	1.35E+08	-	0.002122
Gtf2i	MmuINT0074842	chr5	1.35E+08	1.35E+08	-	0.001961
Gtf2i	MmuINT0074843	chr5	1.35E+08	1.35E+08	-	0.002644
Gtf2i	MmuINT0074844	chr5	1.35E+08	1.35E+08	-	0.002305
Gtf2i	MmuINT0074846	chr5	1.35E+08	1.35E+08	-	0.002402
Gtf2i	MmuINT0074847	chr5	1.35E+08	1.35E+08	-	0.002343
Gtf2i	MmuINT0074848	chr5	1.35E+08	1.35E+08	-	0.001675
Gtf2i	MmuINT0074849	chr5	1.35E+08	1.35E+08	-	0.001543
Gtf2i	MmuINT0074850	chr5	1.35E+08	1.35E+08	-	0.0033
Gtf2i	MmuINT0074851	chr5	1.35E+08	1.35E+08	-	0.001881
Gtf2i	MmuINT0074852	chr5	1.35E+08	1.35E+08	-	0.001659
Gtf2i	MmuINT0074853	chr5	1.35E+08	1.35E+08	-	0.003013
Gtf2i	MmuINT0074854	chr5	1.35E+08	1.35E+08	-	0.002118
Gtf2i	MmuINT0074855	chr5	1.35E+08	1.35E+08	-	0.003529
Gtf2i	MmuINT0074856	chr5	1.35E+08	1.35E+08	-	0.003836
Gtf2i	MmuINT0074857	chr5	1.35E+08	1.35E+08	-	0.004979
Gtf2i	MmuINT0074858	chr5	1.35E+08	1.35E+08	-	0.002511
Gtf2i	MmuINT0074859	chr5	1.35E+08	1.35E+08	-	0.003255
Gtf2i	MmuINT0074860	chr5	1.35E+08	1.35E+08	-	0.007344
Gtf2i	MmuINT0074861	chr5	1.35E+08	1.35E+08	-	0.001886
Gtf2i	MmuINT0074862	chr5	1.35E+08	1.35E+08	-	0.004955
Gtf2i	MmuINT0074863	chr5	1.35E+08	1.35E+08	-	0.00405
Gtf2i	MmuINT0074864	chr5	1.35E+08	1.35E+08	-	0.005149
Gtf2i	MmuINT0074865	chr5	1.35E+08	1.35E+08	-	0.003323
Gtf2ird1	MmuINT0074867	chr5	1.35E+08	1.35E+08	-	0.01992
Gtf2ird1	MmuINT0074868	chr5	1.35E+08	1.35E+08	-	0.025622
Gtf2ird1	MmuINT0074869	chr5	1.35E+08	1.35E+08	-	0.032873



Gtf2ird1	MmulINT0074870	chr5	1.35E+08	1.35E+08	-	0.033711
Gtf2ird1	MmulINT0074871	chr5	1.35E+08	1.35E+08	-	0.076489
Gtf2ird1	MmulINT0074872	chr5	1.35E+08	1.35E+08	-	0.03268
Gtf2ird1	MmulINT0074873	chr5	1.35E+08	1.35E+08	-	0.02367
Gtf2ird1	MmulINT0074874	chr5	1.35E+08	1.35E+08	-	0.02544
Gtf2ird1	MmulINT0074875	chr5	1.35E+08	1.35E+08	-	0.097286
Gtf2ird1	MmulINT0074876	chr5	1.35E+08	1.35E+08	-	0.032241
Gtf2ird1	MmulINT0074877	chr5	1.35E+08	1.35E+08	-	0.018889
Gtf2ird1	MmulINT0074878	chr5	1.35E+08	1.35E+08	-	0.020419
Gtf2ird1	MmulINT0074879	chr5	1.35E+08	1.35E+08	-	0.01407
Gtf2ird1	MmulINT0074880	chr5	1.35E+08	1.35E+08	-	0.020358
Gtf2ird1	MmulINT0074882	chr5	1.35E+08	1.35E+08	-	0.015582
Gtf2ird1	MmulINT0074883	chr5	1.35E+08	1.35E+08	-	0.034275
Gtf2ird1	MmulINT0074887	chr5	1.35E+08	1.35E+08	-	0.039382
Gtf2ird1	MmulINT0074888	chr5	1.35E+08	1.35E+08	-	0.023716
Gtf2ird1	MmulINT0074889	chr5	1.35E+08	1.35E+08	-	0.031073
Gtf2ird1	MmulINT0074890	chr5	1.35E+08	1.35E+08	-	0.07443
Gtf2ird1	MmulINT0074891	chr5	1.35E+08	1.35E+08	-	0.040419
Gtf2ird1	MmulINT0074892	chr5	1.35E+08	1.35E+08	-	0.02343
Gtf2ird1	MmulINT0074893	chr5	1.35E+08	1.35E+08	-	0.027852
Gtf2ird2	MmulINT0074900	chr5	1.35E+08	1.35E+08	+	0.143364
Gtf2ird2	MmulINT0074902	chr5	1.35E+08	1.35E+08	+	0.042779
Gtf2ird2	MmulINT0074904	chr5	1.35E+08	1.35E+08	+	0.037962
Gtf2ird2	MmulINT0074905	chr5	1.35E+08	1.35E+08	+	0.035761
Gtf2ird2	MmulINT0074906	chr5	1.35E+08	1.35E+08	+	0.125819
Gtf2ird2	MmulINT0074908	chr5	1.35E+08	1.35E+08	+	0.038922
Gtf2ird2	MmulINT0074909	chr5	1.35E+08	1.35E+08	+	0.037989
Gtf2ird2	MmulINT0074910	chr5	1.35E+08	1.35E+08	+	0.052386
Gtf2ird2	MmulINT0074911	chr5	1.35E+08	1.35E+08	+	0.220168
Gtf2ird2	MmulINT0074912	chr5	1.35E+08	1.35E+08	+	0.170926
Gtf2ird2	MmulINT0074913	chr5	1.35E+08	1.35E+08	+	0.057356
Gtf3a	MmulINT0074915	chr5	1.48E+08	1.48E+08	+	0.054606
Gtf3a	MmulINT0074916	chr5	1.48E+08	1.48E+08	+	0.02327
Gtf3a	MmulINT0074917	chr5	1.48E+08	1.48E+08	+	0.016948
Gtf3a	MmulINT0074918	chr5	1.48E+08	1.48E+08	+	0.020317
Gtf3a	MmulINT0074920	chr5	1.48E+08	1.48E+08	+	0.015873
Gtf3a	MmulINT0074921	chr5	1.48E+08	1.48E+08	+	0.517246
Gtf3c1	MmulINT0074922	chr7	1.33E+08	1.33E+08	-	0.011585
Gtf3c1	MmulINT0074923	chr7	1.33E+08	1.33E+08	-	0.005787
Gtf3c1	MmulINT0074924	chr7	1.33E+08	1.33E+08	-	0.00634
Gtf3c1	MmulINT0074925	chr7	1.33E+08	1.33E+08	-	0.010101
Gtf3c1	MmulINT0074926	chr7	1.33E+08	1.33E+08	-	0.006397
Gtf3c1	MmulINT0074927	chr7	1.33E+08	1.33E+08	-	0.006782
Gtf3c1	MmulINT0074928	chr7	1.33E+08	1.33E+08	-	0.010623
Gtf3c1	MmulINT0074929	chr7	1.33E+08	1.33E+08	-	0.008408
Gtf3c1	MmulINT0074930	chr7	1.33E+08	1.33E+08	-	0.017696
Gtf3c1	MmulINT0074931	chr7	1.33E+08	1.33E+08	-	0.009746
Gtf3c1	MmulINT0074932	chr7	1.33E+08	1.33E+08	-	0.01431
Gtf3c1	MmulINT0074933	chr7	1.33E+08	1.33E+08	-	0.007294
Gtf3c1	MmulINT0074934	chr7	1.33E+08	1.33E+08	-	0.006863

Gtf3c1	MmuINT0074935	chr7	1.33E+08	1.33E+08	-	0.009653
Gtf3c1	MmuINT0074936	chr7	1.33E+08	1.33E+08	-	0.009853
Gtf3c1	MmuINT0074937	chr7	1.33E+08	1.33E+08	-	0.006917
Gtf3c1	MmuINT0074938	chr7	1.33E+08	1.33E+08	-	0.010211
Gtf3c1	MmuINT0074939	chr7	1.33E+08	1.33E+08	-	0.025213
Gtf3c1	MmuINT0074940	chr7	1.33E+08	1.33E+08	-	0.008671
Gtf3c1	MmuINT0074941	chr7	1.33E+08	1.33E+08	-	0.050435
Gtf3c1	MmuINT0074942	chr7	1.33E+08	1.33E+08	-	0.012884
Gtf3c1	MmuINT0074943	chr7	1.33E+08	1.33E+08	-	0.017279
Gtf3c1	MmuINT0074944	chr7	1.33E+08	1.33E+08	-	0.007799
Gtf3c1	MmuINT0074945	chr7	1.33E+08	1.33E+08	-	0.003621
Gtf3c1	MmuINT0074946	chr7	1.33E+08	1.33E+08	-	0.018798
Gtf3c1	MmuINT0074947	chr7	1.33E+08	1.33E+08	-	0.005692
Gtf3c1	MmuINT0074948	chr7	1.33E+08	1.33E+08	-	0.004696
Gtf3c1	MmuINT0074949	chr7	1.33E+08	1.33E+08	-	0.026613
Gtf3c1	MmuINT0074950	chr7	1.33E+08	1.33E+08	-	0.034297
Gtf3c1	MmuINT0074951	chr7	1.33E+08	1.33E+08	-	0.011354
Gtf3c1	MmuINT0074952	chr7	1.33E+08	1.33E+08	-	0.008522
Gtf3c1	MmuINT0074953	chr7	1.33E+08	1.33E+08	-	0.010377
Gtf3c1	MmuINT0074954	chr7	1.33E+08	1.33E+08	-	0.008287
Gtf3c1	MmuINT0074955	chr7	1.33E+08	1.33E+08	-	0.005557
Gtf3c1	MmuINT0074956	chr7	1.33E+08	1.33E+08	-	0.007895
Gtf3c1	MmuINT0074957	chr7	1.33E+08	1.33E+08	-	0.008359
Gtf3c2	MmuINT0074958	chr5	31476869	31482256	-	0.179722
Gtf3c2	MmuINT0074959	chr5	31468760	31470068	-	0.029466
Gtf3c2	MmuINT0074960	chr5	31468389	31468733	-	0.042852
Gtf3c2	MmuINT0074961	chr5	31462466	31468258	-	0.010632
Gtf3c2	MmuINT0074962	chr5	31462235	31462320	-	0.007748
Gtf3c2	MmuINT0074963	chr5	31461895	31462072	-	0.149206
Gtf3c2	MmuINT0074964	chr5	31461563	31461806	-	0.068945
Gtf3c2	MmuINT0074965	chr5	31460869	31461433	-	0.010258
Gtf3c2	MmuINT0074966	chr5	31460624	31460715	-	0.005777
Gtf3c2	MmuINT0074967	chr5	31460141	31460515	-	0.01387
Gtf3c2	MmuINT0074968	chr5	31476463	31476604	-	0.026362
Gtf3c2	MmuINT0074969	chr5	31475435	31476140	-	0.398
Gtf3c2	MmuINT0074970	chr5	31472648	31475154	-	0.017844
Gtf3c2	MmuINT0074971	chr5	31472287	31472552	-	0.02031
Gtf3c2	MmuINT0074972	chr5	31471523	31472208	-	0.017213
Gtf3c2	MmuINT0074973	chr5	31470852	31471423	-	0.009328
Gtf3c2	MmuINT0074974	chr5	31470474	31470623	-	0.034211
Gtf3c2	MmuINT0074975	chr5	31470178	31470361	-	0.012894
Gtf3c3	MmuINT0074976	chr1	54494788	54495656	-	0.018526
Gtf3c3	MmuINT0074977	chr1	54474706	54476226	-	0.035812
Gtf3c3	MmuINT0074978	chr1	54473668	54474502	-	0.001189
Gtf3c3	MmuINT0074980	chr1	54462919	54472727	-	0.016291
Gtf3c3	MmuINT0074981	chr1	54462015	54462680	-	0.00552
Gtf3c3	MmuINT0074982	chr1	54460480	54461823	-	0.020247
Gtf3c3	MmuINT0074983	chr1	54456126	54460354	-	0.006684
Gtf3c3	MmuINT0074984	chr1	54454847	54455972	-	0.023818
Gtf3c3	MmuINT0074988	chr1	54484410	54485605	-	0.000554

Gtf3c4	MmuINT0074995	chr2	28690894	28695402	-	0.03123
Gtf3c4	MmuINT0074996	chr2	28686153	28689069	-	0.028228
Gtf3c4	MmuINT0074997	chr2	28683087	28686021	-	0.046925
Gtf3c4	MmuINT0074998	chr2	28682318	28682997	-	0.023599
Gtf3c5	MmuINT0074999	chr2	28435258	28438344	-	0.01816
Gtf3c5	MmuINT0075001	chr2	28422698	28423127	-	0.029611
Gtf3c5	MmuINT0075002	chr2	28433595	28435037	-	0.043833
Gtf3c5	MmuINT0075003	chr2	28429093	28433395	-	0.031165
Gtf3c5	MmuINT0075004	chr2	28427821	28428896	-	0.047888
Gtf3c5	MmuINT0075005	chr2	28426748	28427715	-	0.038667
Gtf3c5	MmuINT0075006	chr2	28426214	28426632	-	0.0247
Gtf3c5	MmuINT0075007	chr2	28426037	28426132	-	0.021507
Gtf3c5	MmuINT0075008	chr2	28424895	28425938	-	0.067836
Gtf3c5	MmuINT0075009	chr2	28424148	28424811	-	0.098254
Gtf3c6	MmuINT0075010	chr10	39977100	39977384	-	0.012516
Gtf3c6	MmuINT0075011	chr10	39974271	39977018	-	0.007986
Gtf3c6	MmuINT0075012	chr10	39974115	39974206	-	0.008089
Gtf3c6	MmuINT0075013	chr10	39971076	39974069	-	0.008148
Gtf3c6	MmuINT0075014	chr10	39969638	39970961	-	0.003144
Gtl3	MmuINT0075015	chr8	97948597	97958387	-	0.016351
Gtl3	MmuINT0075016	chr8	97946795	97948516	-	0.125901
Gtl3	MmuINT0075017	chr8	97946147	97946682	-	0.00942
Gtl3	MmuINT0075018	chr8	97945147	97945957	-	0.087928
Gtl3	MmuINT0075019	chr8	97944570	97945035	-	0.039659
Gtpbp1	MmuINT0075020	chr15	79521529	79524585	+	0.008594
Gtpbp1	MmuINT0075021	chr15	79548204	79549457	+	0.042165
Gtpbp1	MmuINT0075022	chr15	79549659	79550439	+	0.01521
Gtpbp1	MmuINT0075023	chr15	79524698	79537421	+	0.011351
Gtpbp1	MmuINT0075024	chr15	79537603	79538124	+	0.007027
Gtpbp1	MmuINT0075025	chr15	79538474	79542525	+	0.013103
Gtpbp1	MmuINT0075026	chr15	79542650	79543793	+	0.009965
Gtpbp1	MmuINT0075027	chr15	79543909	79546276	+	0.02386
Gtpbp1	MmuINT0075028	chr15	79546422	79546515	+	0.005839
Gtpbp1	MmuINT0075029	chr15	79546699	79547412	+	0.019304
Gtpbp1	MmuINT0075030	chr15	79547549	79548024	+	0.007679
Gtpbp2	MmuINT0075040	chr17	46298276	46300431	+	0.143144
Gtpbp2	MmuINT0075041	chr17	46304344	46304674	+	0.080038
Gtpbp2	MmuINT0075042	chr17	46304840	46305094	+	0.225947
Gtpbp2	MmuINT0075043	chr17	46300459	46301142	+	0.012847
Gtpbp2	MmuINT0075044	chr17	46301328	46301673	+	0.206368
Gtpbp2	MmuINT0075045	chr17	46301783	46301934	+	0.007539
Gtpbp2	MmuINT0075046	chr17	46302133	46302403	+	0.167922
Gtpbp2	MmuINT0075047	chr17	46302579	46302726	+	0.128918
Gtpbp2	MmuINT0075048	chr17	46302947	46303259	+	0.137708
Gtpbp2	MmuINT0075049	chr17	46303396	46303540	+	0.022722
Gtpbp2	MmuINT0075050	chr17	46303600	46304171	+	0.088678
Gtpbp3	MmuINT0075051	chr8	74012740	74012969	+	0.042872
Gtpbp3	MmuINT0075052	chr8	74013218	74013326	+	0.024415
Gtpbp3	MmuINT0075053	chr8	74013414	74014233	+	0.029133
Gtpbp3	MmuINT0075054	chr8	74014437	74014793	+	0.120627

Gtpbp3	MmuINT0075055	chr8	74014867	74014964	+	0.107593
Gtpbp3	MmuINT0075056	chr8	74015109	74015323	+	0.103352
Gtpbp3	MmuINT0075057	chr8	74015490	74015975	+	0.033888
Gtpbp3	MmuINT0075058	chr8	74016255	74016437	+	0.0462
Gtpbp4	MmuINT0075059	chr13	8992062	8995194	-	0.008781
Gtpbp4	MmuINT0075060	chr13	8979226	8984454	-	0.005878
Gtpbp4	MmuINT0075061	chr13	8978727	8979147	-	0.012177
Gtpbp4	MmuINT0075062	chr13	8977875	8978674	-	0.00995
Gtpbp4	MmuINT0075063	chr13	8976680	8977773	-	0.014612
Gtpbp4	MmuINT0075064	chr13	8974257	8976481	-	0.013332
Gtpbp4	MmuINT0075065	chr13	8973554	8974190	-	0.00624
Gtpbp4	MmuINT0075066	chr13	8972521	8973409	-	0.001393
Gtpbp4	MmuINT0075067	chr13	8991282	8991890	-	0.007415
Gtpbp4	MmuINT0075068	chr13	8991098	8991177	-	0.016312
Gtpbp4	MmuINT0075069	chr13	8990045	8990960	-	0.00861
Gtpbp4	MmuINT0075070	chr13	8988392	8989943	-	0.009644
Gtpbp4	MmuINT0075071	chr13	8987194	8988298	-	0.006555
Gtpbp4	MmuINT0075072	chr13	8986561	8987001	-	0.011935
Gtpbp4	MmuINT0075074	chr13	8984566	8984883	-	0.007963
Gtpbp5	MmuINT0075075	chr2	1.8E+08	1.8E+08	+	0.040087
Gtpbp5	MmuINT0075076	chr2	1.8E+08	1.8E+08	+	0.056275
Gtpbp5	MmuINT0075077	chr2	1.8E+08	1.8E+08	+	0.122806
Gtpbp5	MmuINT0075078	chr2	1.8E+08	1.8E+08	+	0.005605
Gtpbp5	MmuINT0075079	chr2	1.8E+08	1.8E+08	+	0.07319
Gtpbp5	MmuINT0075080	chr2	1.8E+08	1.8E+08	+	0.040215
Gtpbp5	MmuINT0075081	chr2	1.8E+08	1.8E+08	+	0.101475
Gtpbp5	MmuINT0075082	chr2	1.8E+08	1.8E+08	+	0.065358
Gtpbp6	MmuINT0075087	chr5	1.11E+08	1.11E+08	-	0.111443
Gtpbp6	MmuINT0075088	chr5	1.11E+08	1.11E+08	-	0.158024
Gtpbp6	MmuINT0075089	chr5	1.11E+08	1.11E+08	-	0.299824
Gtpbp6	MmuINT0075090	chr5	1.11E+08	1.11E+08	-	0.051411
Gtpbp6	MmuINT0075091	chr5	1.11E+08	1.11E+08	-	0.014419
Gtpbp6	MmuINT0075092	chr5	1.11E+08	1.11E+08	-	0.037172
Gtpbp6	MmuINT0075093	chr5	1.11E+08	1.11E+08	-	0.119066
Gtpbp6	MmuINT0075094	chr5	1.11E+08	1.11E+08	-	0.103916
Gtpbp8	MmuINT0075095	chr16	44745607	44746111	-	0.253366
Gtpbp8	MmuINT0075096	chr16	44743982	44745507	-	0.228902
Gtpbp8	MmuINT0075097	chr16	44742717	44743850	-	0.194055
Gtpbp8	MmuINT0075098	chr16	44740261	44742616	-	0.07048
Gtpbp8	MmuINT0075099	chr16	44739482	44740141	-	0.134016
Gucy1b3	MmuINT0075160	chr3	81839343	81841838	-	0.021435
Gucy1b3	MmuINT0075161	chr3	81838819	81839201	-	0.019296
Gucy1b3	MmuINT0075162	chr3	81837204	81838233	-	0.051876
Gucy1b3	MmuINT0075164	chr3	81862282	81864941	-	0.036131
Gucy1b3	MmuINT0075166	chr3	81849552	81850434	-	0.02933
Gucy1b3	MmuINT0075167	chr3	81848168	81849320	-	0.06836
Gucy1b3	MmuINT0075168	chr3	81847176	81848050	-	0.100568
Gucy1b3	MmuINT0075169	chr3	81843846	81847041	-	0.088079
Guf1	MmuINT0075273	chr5	69948405	69949423	+	0.023964
Guf1	MmuINT0075274	chr5	69955887	69956668	+	0.015981

Guf1	MmuINT0075275	chr5	69956802	69957599	+	0.00634
Guf1	MmuINT0075276	chr5	69957744	69958366	+	0.06001
Guf1	MmuINT0075277	chr5	69958501	69959634	+	0.070116
Guf1	MmuINT0075278	chr5	69959737	69960467	+	0.007497
Guf1	MmuINT0075279	chr5	69960588	69961999	+	0.010412
Guf1	MmuINT0075280	chr5	69962037	69962822	+	0.01157
Guf1	MmuINT0075281	chr5	69949536	69949680	+	0.006549
Guf1	MmuINT0075282	chr5	69949830	69950085	+	0.010232
Guf1	MmuINT0075283	chr5	69950167	69950788	+	0.010497
Guf1	MmuINT0075284	chr5	69950867	69951670	+	0.008717
Guf1	MmuINT0075285	chr5	69951755	69952373	+	0.010136
Guf1	MmuINT0075286	chr5	69952439	69952892	+	0.006326
Guf1	MmuINT0075287	chr5	69953097	69954321	+	0.032566
Guf1	MmuINT0075288	chr5	69954462	69955762	+	0.019408
Guk1	MmuINT0075290	chr11	59000390	59005252	-	0.003069
Guk1	MmuINT0075291	chr11	58999944	59000275	-	0.002211
Guk1	MmuINT0075292	chr11	58999541	58999901	-	0.003322
Guk1	MmuINT0075293	chr11	58998835	58999443	-	0.002316
Guk1	MmuINT0075294	chr11	58998616	58998695	-	0.001315
Guk1	MmuINT0075295	chr11	58998024	58998530	-	0.009679
Guk1	MmuINT0075296	chr11	58997690	58997937	-	0.009196
Gusb	MmuINT0075318	chr5	1.3E+08	1.3E+08	-	0.013991
Gusb	MmuINT0075319	chr5	1.3E+08	1.3E+08	-	0.100662
Gusb	MmuINT0075320	chr5	1.3E+08	1.3E+08	-	0.046738
Gusb	MmuINT0075321	chr5	1.3E+08	1.3E+08	-	0.042242
Gusb	MmuINT0075322	chr5	1.3E+08	1.3E+08	-	0.034062
Gusb	MmuINT0075323	chr5	1.3E+08	1.3E+08	-	0.09181
Gusb	MmuINT0075324	chr5	1.3E+08	1.3E+08	-	0.068506
Gusb	MmuINT0075325	chr5	1.3E+08	1.3E+08	-	0.040558
Gusb	MmuINT0075326	chr5	1.3E+08	1.3E+08	-	0.010563
Gusb	MmuINT0075327	chr5	1.3E+08	1.3E+08	-	0.014104
Gusb	MmuINT0075328	chr5	1.3E+08	1.3E+08	-	0.036325
Gxylt1	MmuINT0075336	chr15	93078914	93084731	-	0.009403
Gxylt1	MmuINT0075337	chr15	93078463	93078789	-	0.004744
Gyg	MmuINT0075346	chr3	20052752	20054883	-	0.001427
Gyg	MmuINT0075347	chr3	20051014	20052615	-	0.001368
Gyg	MmuINT0075348	chr3	20050588	20050838	-	0.000879
Gyg	MmuINT0075349	chr3	20038030	20050424	-	0.001097
Gyg	MmuINT0075350	chr3	20025364	20037902	-	0.001475
Gyg	MmuINT0075351	chr3	20022751	20025143	-	0.001532
Gyk	MmuINT0075352	chrX	83006747	83021764	-	0.005902
Gyk	MmuINT0075353	chrX	82976265	82982171	-	0.023631
Gyk	MmuINT0075354	chrX	82975622	82976221	-	0.008721
Gyk	MmuINT0075355	chrX	82961083	82975540	-	0.009576
Gyk	MmuINT0075356	chrX	82959778	82961003	-	0.012223
Gyk	MmuINT0075357	chrX	82958698	82959680	-	0.008452
Gyk	MmuINT0075358	chrX	82958059	82958612	-	0.00082
Gyk	MmuINT0075359	chrX	82957825	82957937	-	0.011621
Gyk	MmuINT0075360	chrX	82956471	82957680	-	0.008681
Gyk	MmuINT0075361	chrX	82949736	82956389	-	0.064997

Gyk	MmuINT0075362	chrX	83006021	83006672	-	0.006387
Gyk	MmuINT0075363	chrX	82999749	83005913	-	0.007566
Gyk	MmuINT0075364	chrX	82991641	82999670	-	0.010723
Gyk	MmuINT0075365	chrX	82989191	82991563	-	0.01082
Gyk	MmuINT0075366	chrX	82986516	82989052	-	0.006957
Gyk	MmuINT0075367	chrX	82985701	82986405	-	0.007429
Gyk	MmuINT0075368	chrX	82982689	82985633	-	0.167349
Gyk	MmuINT0075369	chrX	82982240	82982652	-	0.112504
Gypc	MmuINT0075394	chr18	32692439	32719439	-	0.010135
Gypc	MmuINT0075395	chr18	32689856	32692387	-	0.008414
Gys1	MmuINT0075396	chr7	52690541	52691901	+	0.011626
Gys1	MmuINT0075397	chr7	52700228	52703267	+	0.005751
Gys1	MmuINT0075398	chr7	52703382	52703622	+	0.003917
Gys1	MmuINT0075399	chr7	52703750	52706932	+	0.012456
Gys1	MmuINT0075400	chr7	52707029	52707120	+	0.002141
Gys1	MmuINT0075401	chr7	52707285	52710191	+	0.008464
Gys1	MmuINT0075402	chr7	52710273	52710410	+	0.00749
Gys1	MmuINT0075403	chr7	52692084	52693471	+	0.003163
Gys1	MmuINT0075404	chr7	52693664	52694848	+	0.009046
Gys1	MmuINT0075405	chr7	52695035	52695274	+	0.003739
Gys1	MmuINT0075406	chr7	52695420	52697792	+	0.002947
Gys1	MmuINT0075407	chr7	52697911	52698285	+	0.005835
Gys1	MmuINT0075408	chr7	52698407	52698897	+	0.001555
Gys1	MmuINT0075409	chr7	52699005	52700001	+	0.031697
Gys1	MmuINT0075410	chr7	52700062	52700148	+	0.004264
Gzf1	MmuINT0075427	chr2	1.49E+08	1.49E+08	+	0.042749
Gzf1	MmuINT0075428	chr2	1.49E+08	1.49E+08	+	0.107621
Gzf1	MmuINT0075429	chr2	1.49E+08	1.49E+08	+	0.086388
Gzf1	MmuINT0075430	chr2	1.49E+08	1.49E+08	+	0.1259
Gzf1	MmuINT0075431	chr2	1.49E+08	1.49E+08	+	0.013733
Gzmm	MmuINT0075464	chr10	79152211	79155565	+	0.780419
Gzmm	MmuINT0075466	chr10	79157008	79157095	+	0.079172
Gzmm	MmuINT0075467	chr10	79157363	79157731	+	0.043138
H13	MmuINT0075475	chr2	1.52E+08	1.53E+08	+	0.008126
H13	MmuINT0075476	chr2	1.53E+08	1.53E+08	+	0.010802
H13	MmuINT0075477	chr2	1.53E+08	1.53E+08	+	0.025793
H13	MmuINT0075478	chr2	1.53E+08	1.53E+08	+	0.009913
H13	MmuINT0075479	chr2	1.53E+08	1.53E+08	+	0.00925
H13	MmuINT0075480	chr2	1.53E+08	1.53E+08	+	0.023939
H13	MmuINT0075481	chr2	1.53E+08	1.53E+08	+	0.021889
H13	MmuINT0075482	chr2	1.53E+08	1.53E+08	+	0.009896
H13	MmuINT0075483	chr2	1.53E+08	1.53E+08	+	0.011801
H2-Aa	MmuINT0075488	chr17	34421482	34424626	-	0.012524
H2-Aa	MmuINT0075489	chr17	34420802	34421232	-	0.012999
H2-Aa	MmuINT0075490	chr17	34420275	34420519	-	0.008612
H2-Aa	MmuINT0075491	chr17	34419969	34420099	-	0.011913
H2-Ab1	MmuINT0075492	chr17	34400351	34401705	+	0.007432
H2-Ab1	MmuINT0075493	chr17	34401979	34404280	+	0.022863
H2-Ab1	MmuINT0075494	chr17	34404563	34404867	+	0.011427
H2-Ab1	MmuINT0075495	chr17	34404979	34405405	+	0.01238

H2-Ab1	MmuINT0075496	chr17	34405430	34406039	+	0.010556
H2-D1	MmuINT0075502	chr17	35400132	35400323	+	0.008935
H2-D1	MmuINT0075503	chr17	35400594	35400783	+	0.148412
H2-D1	MmuINT0075507	chr17	35403460	35403632	+	0.077807
H2-D1	MmuINT0075508	chr17	35403672	35403810	+	0.221546
H2-DMa	MmuINT0075509	chr17	34272704	34274058	+	0.046754
H2-DMa	MmuINT0075510	chr17	34274344	34274847	+	0.043685
H2-DMa	MmuINT0075511	chr17	34275127	34275351	+	0.05203
H2-DMb1	MmuINT0075516	chr17	34296610	34296873	+	0.041934
H2-Eb1	MmuINT0075525	chr17	34442993	34446535	+	0.023407
H2-Eb1	MmuINT0075526	chr17	34446806	34451114	+	0.009351
H2-Eb1	MmuINT0075527	chr17	34451397	34451987	+	0.031536
H2-Eb1	MmuINT0075528	chr17	34452099	34452500	+	0.012837
H2-Eb1	MmuINT0075529	chr17	34452525	34452818	+	0.016758
H2-K1	MmuINT0075534	chr17	34136949	34137138	-	0.011911
H2-K1	MmuINT0075535	chr17	34136492	34136678	-	0.09766
H2-K1	MmuINT0075539	chr17	34133600	34133771	-	0.199482
H2-K1	MmuINT0075540	chr17	34133449	34133560	-	0.160379
H2-K2	MmuINT0075542	chr17	34114992	34115198	-	0.949719
H2-K2	MmuINT0075543	chr17	34112961	34114815	-	0.402145
H2-K2	MmuINT0075544	chr17	34112559	34112685	-	0.128172
H2-K2	MmuINT0075545	chr17	34112025	34112441	-	0.261702
H2-Ke2	MmuINT0075547	chr17	34076609	34076692	-	0.001487
H2-Ke2	MmuINT0075548	chr17	34076057	34076483	-	0.025535
H2-Ke6	MmuINT0075549	chr17	34164786	34164946	-	0.164741
H2-Ke6	MmuINT0075550	chr17	34164468	34164567	-	0.123187
H2-Ke6	MmuINT0075551	chr17	34164241	34164350	-	0.016888
H2-Ke6	MmuINT0075552	chr17	34164047	34164147	-	0.006923
H2-Ke6	MmuINT0075553	chr17	34163881	34163960	-	0.047778
H2-Ke6	MmuINT0075554	chr17	34163651	34163795	-	0.005113
H2-Ke6	MmuINT0075555	chr17	34163416	34163607	-	0.007692
H2-Ke6	MmuINT0075556	chr17	34163171	34163340	-	0.201078
H2-M3	MmuINT0075596	chr17	37407280	37407466	+	0.038089
H2-M3	MmuINT0075597	chr17	37407737	37407942	+	0.205478
H2-M3	MmuINT0075598	chr17	37408219	37409213	+	0.176265
H2-M3	MmuINT0075599	chr17	37409490	37409592	+	0.148468
H2-M3	MmuINT0075601	chr17	37410697	37410810	+	0.168961
H2-M3	MmuINT0075602	chr17	37410858	37411113	+	0.280205
H2-Q10	MmuINT0075628	chr17	35607125	35607320	+	0.12796
H2-Q10	MmuINT0075632	chr17	35610535	35610712	+	0.05064
H2-Q10	MmuINT0075633	chr17	35610746	35611085	+	0.498769
H2-T24	MmuINT0075671	chr17	36152602	36154185	-	0.179283
H2-T24	MmuINT0075673	chr17	36151642	36151744	-	0.190609
H2-T24	MmuINT0075674	chr17	36143735	36151501	-	0.460203
H2afv	MmuINT0075700	chr11	6339457	6344339	-	0.005772
H2afv	MmuINT0075701	chr11	6333841	6339378	-	0.00329
H2afv	MmuINT0075702	chr11	6329229	6333726	-	0.006847
H2afv	MmuINT0075703	chr11	6328436	6329098	-	0.002056
H2afy	MmuINT0075704	chr13	56229843	56236706	-	0.014706
H2afy	MmuINT0075705	chr13	56206357	56229637	-	0.004351

H2afy	MmuINT0075706	chr13	56205861	56206249	-	0.00303
H2afy	MmuINT0075707	chr13	56197596	56205662	-	0.010599
H2afy	MmuINT0075708	chr13	56185647	56189612	-	0.061951
H2afy	MmuINT0075709	chr13	56184656	56185556	-	0.005138
H2afy	MmuINT0075710	chr13	56175754	56184480	-	0.012253
H2afy2	MmuINT0075712	chr10	61220703	61246530	-	0.169783
H2afy2	MmuINT0075713	chr10	61216317	61220471	-	0.016217
H2afy2	MmuINT0075715	chr10	61212135	61214424	-	0.01292
H2afy2	MmuINT0075719	chr10	61202211	61203882	-	0.084511
H47	MmuINT0075730	chr7	73224676	73225217	+	0.011344
H47	MmuINT0075731	chr7	73225353	73228285	+	0.005564
H47	MmuINT0075732	chr7	73228393	73231832	+	0.007775
H47	MmuINT0075733	chr7	73231923	73232078	+	0.011381
H47	MmuINT0075734	chr7	73232158	73233652	+	0.010638
H6pd	MmuINT0075741	chr4	1.49E+08	1.49E+08	-	0.008252
H6pd	MmuINT0075742	chr4	1.49E+08	1.49E+08	-	0.015342
H6pd	MmuINT0075743	chr4	1.49E+08	1.49E+08	-	0.014482
Habp4	MmuINT0075764	chr13	64263643	64271321	+	0.007483
Habp4	MmuINT0075765	chr13	64271485	64275370	+	0.00183
Habp4	MmuINT0075766	chr13	64275530	64276097	+	0.002789
Habp4	MmuINT0075767	chr13	64276167	64277312	+	0.001462
Habp4	MmuINT0075768	chr13	64277397	64283414	+	0.001601
Habp4	MmuINT0075769	chr13	64283587	64285880	+	0.015443
Habp4	MmuINT0075770	chr13	64286067	64286580	+	0.001833
Hace1	MmuINT0075773	chr10	45372545	45390151	+	0.053151
Hace1	MmuINT0075777	chr10	45392246	45392344	+	0.065864
Hace1	MmuINT0075778	chr10	45392443	45392579	+	0.050962
Hace1	MmuINT0075779	chr10	45392668	45396186	+	0.067172
Hace1	MmuINT0075780	chr10	45396337	45396872	+	0.033723
Hace1	MmuINT0075781	chr10	45397070	45406407	+	0.030468
Hace1	MmuINT0075783	chr10	45406540	45420382	+	0.05958
Hace1	MmuINT0075784	chr10	45420482	45420759	+	0.070986
Hace1	MmuINT0075785	chr10	45420831	45429686	+	0.092654
Hace1	MmuINT0075786	chr10	45429801	45431239	+	0.022615
Hace1	MmuINT0075787	chr10	45309377	45310073	+	0.050986
Hace1	MmuINT0075788	chr10	45310179	45325314	+	0.054144
Hacl1	MmuINT0075794	chr14	32453785	32453974	-	0.019799
Hacl1	MmuINT0075795	chr14	32433115	32434188	-	0.027212
Hacl1	MmuINT0075796	chr14	32432260	32433030	-	0.021578
Hacl1	MmuINT0075797	chr14	32429701	32432157	-	0.023528
Hacl1	MmuINT0075798	chr14	32428708	32429545	-	0.021377
Hacl1	MmuINT0075799	chr14	32427498	32428548	-	0.022393
Hacl1	MmuINT0075800	chr14	32423475	32427389	-	0.017823
Hacl1	MmuINT0075801	chr14	32421230	32423287	-	0.022412
Hacl1	MmuINT0075802	chr14	32448971	32453679	-	0.027234
Hacl1	MmuINT0075803	chr14	32447466	32448929	-	0.078954
Hacl1	MmuINT0075804	chr14	32446155	32447384	-	0.05446
Hacl1	MmuINT0075805	chr14	32444225	32446081	-	0.040724
Hacl1	MmuINT0075806	chr14	32443314	32444146	-	0.035045
Hacl1	MmuINT0075807	chr14	32439639	32443218	-	0.035456



Hacl1	MmuINT0075808	chr14	32436161	32439525	-	0.061338
Hacl1	MmuINT0075809	chr14	32434295	32436024	-	0.034557
Hadh	MmuINT0075811	chr3	1.31E+08	1.31E+08	-	0.000234
Hadh	MmuINT0075812	chr3	1.31E+08	1.31E+08	-	0.000622
Hadh	MmuINT0075813	chr3	1.31E+08	1.31E+08	-	0.000358
Hadh	MmuINT0075814	chr3	1.31E+08	1.31E+08	-	0.000701
Hadh	MmuINT0075815	chr3	1.31E+08	1.31E+08	-	0.001515
Hadh	MmuINT0075816	chr3	1.31E+08	1.31E+08	-	0.000142
Hadha	MmuINT0075817	chr5	30474562	30481421	-	0.005165
Hadha	MmuINT0075818	chr5	30456471	30458779	-	0.000298
Hadha	MmuINT0075819	chr5	30455475	30456360	-	0.001506
Hadha	MmuINT0075820	chr5	30453277	30455339	-	0.003847
Hadha	MmuINT0075821	chr5	30450235	30453104	-	0.000797
Hadha	MmuINT0075822	chr5	30449302	30450147	-	0.001528
Hadha	MmuINT0075823	chr5	30448759	30449160	-	0.00075
Hadha	MmuINT0075824	chr5	30448074	30448689	-	0.000652
Hadha	MmuINT0075825	chr5	30447343	30447877	-	0.000218
Hadha	MmuINT0075826	chr5	30446731	30447227	-	0.001107
Hadha	MmuINT0075827	chr5	30446501	30446584	-	0.00127
Hadha	MmuINT0075828	chr5	30473957	30474519	-	0.000588
Hadha	MmuINT0075829	chr5	30471909	30473885	-	0.000323
Hadha	MmuINT0075830	chr5	30470838	30471774	-	0.000268
Hadha	MmuINT0075831	chr5	30469379	30470698	-	0.000585
Hadha	MmuINT0075832	chr5	30467592	30469258	-	0.00022
Hadha	MmuINT0075833	chr5	30461642	30467488	-	0.000213
Hadha	MmuINT0075834	chr5	30460717	30461518	-	0.000842
Hadha	MmuINT0075835	chr5	30458837	30460597	-	0.0006
Hagh	MmuINT0075852	chr17	24989852	24990576	+	0.002525
Hagh	MmuINT0075853	chr17	24990642	24993582	+	0.013792
Hagh	MmuINT0075854	chr17	24993701	24994460	+	0.005847
Hagh	MmuINT0075855	chr17	24994570	24997890	+	0.016364
Hagh	MmuINT0075856	chr17	24997995	24998257	+	0.01347
Hagh	MmuINT0075857	chr17	24998360	25000621	+	0.018451
Hagh	MmuINT0075858	chr17	25000702	25001137	+	0.010648
Haghl	MmuINT0075859	chr17	25921671	25921948	-	0.07024
Haghl	MmuINT0075860	chr17	25921518	25921605	-	0.012866
Haghl	MmuINT0075861	chr17	25921314	25921399	-	0.104364
Haghl	MmuINT0075862	chr17	25921124	25921204	-	0.14744
Haghl	MmuINT0075863	chr17	25920832	25921019	-	0.015663
Haghl	MmuINT0075864	chr17	25920528	25920729	-	0.051889
Hand2	MmuINT0075889	chr8	59801259	59802558	+	0.021842
Harbi1	MmuINT0075934	chr2	91551409	91552236	+	0.137697
Harbi1	MmuINT0075935	chr2	91553023	91560510	+	0.025924
Hars	MmuINT0075936	chr18	36942424	36942664	-	0.00654
Hars	MmuINT0075937	chr18	36927858	36929735	-	0.011153
Hars	MmuINT0075938	chr18	36926991	36927740	-	0.012953
Hars	MmuINT0075939	chr18	36926608	36926843	-	0.005736
Hars	MmuINT0075940	chr18	36935951	36942333	-	0.00718
Hars	MmuINT0075941	chr18	36933270	36935830	-	0.004642
Hars	MmuINT0075942	chr18	36932038	36933173	-	0.008297

Hars	MmuINT0075943	chr18	36931090	36931911	-	0.006397
Hars	MmuINT0075944	chr18	36930849	36930981	-	0.007525
Hars	MmuINT0075945	chr18	36930553	36930749	-	0.016196
Hars	MmuINT0075946	chr18	36930199	36930458	-	0.018029
Hars	MmuINT0075947	chr18	36929979	36930070	-	0.00585
Hars2	MmuINT0075948	chr18	36943149	36945218	+	0.018248
Hars2	MmuINT0075949	chr18	36949264	36949787	+	0.034031
Hars2	MmuINT0075950	chr18	36949905	36950122	+	0.040225
Hars2	MmuINT0075951	chr18	36950270	36950723	+	0.015824
Hars2	MmuINT0075952	chr18	36945297	36945522	+	0.017378
Hars2	MmuINT0075953	chr18	36945643	36945764	+	0.012959
Hars2	MmuINT0075954	chr18	36945861	36947155	+	0.061882
Hars2	MmuINT0075955	chr18	36947282	36947552	+	0.123251
Hars2	MmuINT0075956	chr18	36947661	36947819	+	0.047307
Hars2	MmuINT0075957	chr18	36947919	36948230	+	0.013651
Hars2	MmuINT0075958	chr18	36948325	36948810	+	0.093685
Hars2	MmuINT0075959	chr18	36948939	36949020	+	0.026823
Has1	MmuINT0075960	chr17	17987613	17992101	-	0.968059
Hat1	MmuINT0075972	chr2	71227362	71227959	+	0.025654
Hat1	MmuINT0075973	chr2	71276870	71279224	+	0.004998
Hat1	MmuINT0075974	chr2	71228056	71247044	+	0.010208
Hat1	MmuINT0075975	chr2	71247121	71248199	+	0.00867
Hat1	MmuINT0075976	chr2	71248321	71258231	+	0.006764
Hat1	MmuINT0075977	chr2	71258412	71258646	+	0.006288
Hat1	MmuINT0075978	chr2	71258769	71259267	+	0.008959
Hat1	MmuINT0075979	chr2	71259373	71259689	+	0.01332
Hat1	MmuINT0075980	chr2	71259797	71272111	+	0.007097
Hat1	MmuINT0075981	chr2	71272264	71276752	+	0.048078
Haus1	MmuINT0075982	chr18	78005778	78006458	-	0.0145
Haus1	MmuINT0075983	chr18	78002948	78005602	-	0.010132
Haus1	MmuINT0075984	chr18	78000856	78002811	-	0.006471
Haus1	MmuINT0075985	chr18	77999770	78000720	-	0.014857
Haus1	MmuINT0075986	chr18	77999273	77999645	-	0.020987
Haus1	MmuINT0075987	chr18	77998248	77999206	-	0.01249
Haus1	MmuINT0075988	chr18	77997257	77998175	-	0.033846
Haus1	MmuINT0075989	chr18	77996493	77997208	-	0.017171
Haus2	MmuINT0075990	chr2	1.2E+08	1.2E+08	+	0.039458
Haus2	MmuINT0075991	chr2	1.2E+08	1.2E+08	+	0.036274
Haus2	MmuINT0075992	chr2	1.2E+08	1.2E+08	+	0.044682
Haus2	MmuINT0075993	chr2	1.2E+08	1.2E+08	+	0.013236
Haus2	MmuINT0075994	chr2	1.2E+08	1.2E+08	+	0.014935
Haus3	MmuINT0075996	chr5	34509005	34510053	-	0.035721
Haus3	MmuINT0075998	chr5	34496756	34506171	-	0.026497
Haus4	MmuINT0075999	chr14	55171048	55173011	-	0.046423
Haus4	MmuINT0076001	chr14	55168638	55168730	-	0.042618
Haus4	MmuINT0076002	chr14	55167838	55168505	-	0.057164
Haus4	MmuINT0076003	chr14	55164660	55167702	-	0.072397
Haus4	MmuINT0076004	chr14	55163188	55164562	-	0.073324
Haus4	MmuINT0076005	chr14	55162747	55163041	-	0.044146
Haus4	MmuINT0076006	chr14	55161289	55162615	-	0.06449

Haus4	MmuINT0076007	chr14	55161095	55161219	-	0.058813
Haus5	MmuINT0076010	chr7	31444003	31444081	-	0.049737
Haus5	MmuINT0076011	chr7	31443685	31443871	-	0.024592
Haus5	MmuINT0076013	chr7	31442764	31442856	-	0.085466
Haus5	MmuINT0076017	chr7	31439075	31439188	-	0.00295
Haus5	MmuINT0076023	chr7	31445196	31445277	-	0.010886
Haus6	MmuINT0076031	chr4	86231368	86231666	-	0.072522
Haus6	MmuINT0076032	chr4	86229778	86231231	-	0.185419
Haus6	MmuINT0076033	chr4	86227923	86228784	-	0.090562
Haus6	MmuINT0076037	chr4	86247193	86248722	-	0.06195
Haus7	MmuINT0076042	chrX	70703429	70704173	-	0.022381
Haus7	MmuINT0076043	chrX	70700274	70703312	-	0.031464
Haus7	MmuINT0076044	chrX	70698400	70700205	-	0.051102
Haus7	MmuINT0076045	chrX	70694242	70698337	-	0.13428
Haus7	MmuINT0076046	chrX	70693690	70694149	-	0.069479
Haus7	MmuINT0076047	chrX	70693396	70693530	-	0.060093
Haus7	MmuINT0076048	chrX	70692477	70693298	-	0.15365
Haus7	MmuINT0076049	chrX	70691264	70692266	-	0.018337
Haus7	MmuINT0076050	chrX	70682905	70691148	-	0.026052
Haus8	MmuINT0076053	chr8	73775444	73776969	-	0.013236
Haus8	MmuINT0076055	chr8	73781325	73786950	-	0.028907
Haus8	MmuINT0076056	chr8	73780454	73781254	-	0.029561
Haus8	MmuINT0076057	chr8	73779612	73779906	-	0.022563
Haus8	MmuINT0076058	chr8	73779465	73779545	-	0.012823
Haus8	MmuINT0076059	chr8	73778562	73779305	-	0.011066
Haus8	MmuINT0076060	chr8	73777154	73778419	-	0.010604
Hbegf	MmuINT0076095	chr18	36674915	36675121	-	0.012865
Hbegf	MmuINT0076096	chr18	36672389	36674740	-	0.016743
Hbegf	MmuINT0076097	chr18	36667259	36672210	-	0.021451
Hbegf	MmuINT0076098	chr18	36666380	36667102	-	0.01232
Hbegf	MmuINT0076099	chr18	36666019	36666288	-	0.015986
Hbp1	MmuINT0076100	chr12	32628878	32635060	-	0.032789
Hbp1	MmuINT0076101	chr12	32612373	32613448	-	0.150846
Hbp1	MmuINT0076102	chr12	32625372	32628693	-	0.002368
Hbp1	MmuINT0076103	chr12	32622625	32625142	-	0.015911
Hbp1	MmuINT0076104	chr12	32622147	32622482	-	0.049886
Hbp1	MmuINT0076105	chr12	32621950	32622034	-	0.022927
Hbp1	MmuINT0076106	chr12	32619307	32621836	-	0.086113
Hbp1	MmuINT0076107	chr12	32618367	32619149	-	0.032243
Hbp1	MmuINT0076108	chr12	32615871	32618221	-	0.004721
Hbs1l	MmuINT0076113	chr10	21069193	21071732	+	0.004669
Hbs1l	MmuINT0076114	chr10	21071851	21072347	+	0.014978
Hbs1l	MmuINT0076115	chr10	21072417	21074444	+	0.017076
Hbs1l	MmuINT0076116	chr10	21074550	21078118	+	0.006009
Hbs1l	MmuINT0076117	chr10	21078210	21078537	+	0.00358
Hbs1l	MmuINT0076118	chr10	21078647	21084480	+	0.010256
Hbs1l	MmuINT0076119	chr10	21084582	21087447	+	0.014469
Hbs1l	MmuINT0076120	chr10	21087593	21088094	+	0.009784
Hbs1l	MmuINT0076124	chr10	21061786	21062204	+	0.024226
Hbs1l	MmuINT0076125	chr10	21062371	21064882	+	0.02798

Hbs1l	MmuINT0076126	chr10	21065001	21067067	+	0.002919
Hbs1l	MmuINT0076127	chr10	21067215	21069117	+	0.002402
Hbxip	MmuINT0076129	chr3	1.07E+08	1.07E+08	+	0.004407
Hccs	MmuINT0076171	chrX	1.66E+08	1.66E+08	-	0.360707
Hccs	MmuINT0076172	chrX	1.66E+08	1.66E+08	-	0.004745
Hccs	MmuINT0076173	chrX	1.66E+08	1.66E+08	-	0.027294
Hccs	MmuINT0076174	chrX	1.66E+08	1.66E+08	-	0.014724
Hccs	MmuINT0076175	chrX	1.66E+08	1.66E+08	-	0.016715
Hccs	MmuINT0076176	chrX	1.66E+08	1.66E+08	-	0.010608
Hcfc1	MmuINT0076177	chrX	71205072	71211149	-	0.053721
Hcfc1	MmuINT0076178	chrX	71198390	71198663	-	0.009087
Hcfc1	MmuINT0076179	chrX	71198006	71198164	-	0.031101
Hcfc1	MmuINT0076180	chrX	71197732	71197900	-	0.019442
Hcfc1	MmuINT0076181	chrX	71197408	71197511	-	0.023976
Hcfc1	MmuINT0076182	chrX	71197132	71197264	-	0.012208
Hcfc1	MmuINT0076183	chrX	71196803	71196992	-	0.010906
Hcfc1	MmuINT0076184	chrX	71196041	71196581	-	0.010101
Hcfc1	MmuINT0076185	chrX	71194405	71194536	-	0.034785
Hcfc1	MmuINT0076186	chrX	71193626	71194240	-	0.17976
Hcfc1	MmuINT0076187	chrX	71192854	71193180	-	0.01161
Hcfc1	MmuINT0076188	chrX	71204623	71204922	-	0.011174
Hcfc1	MmuINT0076189	chrX	71192390	71192529	-	0.039089
Hcfc1	MmuINT0076190	chrX	71192187	71192273	-	0.025799
Hcfc1	MmuINT0076191	chrX	71191649	71192048	-	0.008114
Hcfc1	MmuINT0076192	chrX	71190773	71191462	-	0.037947
Hcfc1	MmuINT0076193	chrX	71190049	71190471	-	0.073399
Hcfc1	MmuINT0076194	chrX	71189817	71189984	-	0.052312
Hcfc1	MmuINT0076195	chrX	71203800	71204461	-	0.013389
Hcfc1	MmuINT0076196	chrX	71202811	71203590	-	0.016127
Hcfc1	MmuINT0076197	chrX	71202013	71202725	-	0.017444
Hcfc1	MmuINT0076198	chrX	71200974	71201905	-	0.014172
Hcfc1	MmuINT0076199	chrX	71200713	71200793	-	0.010944
Hcfc1	MmuINT0076200	chrX	71200082	71200352	-	0.009652
Hcfc1	MmuINT0076201	chrX	71198862	71199920	-	0.014868
Hcfc1r1	MmuINT0076202	chr17	23811036	23811501	+	0.006257
Hcfc1r1	MmuINT0076203	chr17	23811643	23811850	+	0.002069
Hcfc2	MmuINT0076204	chr10	82162052	82163663	+	0.011209
Hcfc2	MmuINT0076205	chr10	82191173	82195347	+	0.012783
Hcfc2	MmuINT0076206	chr10	82195422	82197094	+	0.023443
Hcfc2	MmuINT0076207	chr10	82197227	82201023	+	0.013829
Hcfc2	MmuINT0076208	chr10	82201210	82201724	+	0.00982
Hcfc2	MmuINT0076209	chr10	82202011	82204025	+	0.988141
Hcfc2	MmuINT0076210	chr10	82163813	82165187	+	0.012286
Hcfc2	MmuINT0076211	chr10	82165349	82171753	+	0.025014
Hcfc2	MmuINT0076212	chr10	82171963	82172708	+	0.014004
Hcfc2	MmuINT0076213	chr10	82172794	82174579	+	0.01701
Hcfc2	MmuINT0076214	chr10	82174687	82174794	+	0.01117
Hcfc2	MmuINT0076215	chr10	82174984	82186363	+	0.010011
Hcfc2	MmuINT0076216	chr10	82186532	82187088	+	0.01589
Hcfc2	MmuINT0076217	chr10	82187142	82190997	+	0.013986

Hcls1	MmuINT0076230	chr16	36935161	36937372	+	0.04644
Hcls1	MmuINT0076231	chr16	36957510	36961519	+	0.035017
Hcls1	MmuINT0076232	chr16	36961637	36962076	+	0.055505
Hcls1	MmuINT0076233	chr16	36962321	36962453	+	0.057823
Hcls1	MmuINT0076234	chr16	36962517	36962701	+	0.043791
Hcls1	MmuINT0076235	chr16	36937457	36937918	+	0.033628
Hcls1	MmuINT0076236	chr16	36937993	36946679	+	0.02955
Hcls1	MmuINT0076237	chr16	36946810	36948639	+	0.032096
Hcls1	MmuINT0076238	chr16	36948751	36951218	+	0.036968
Hcls1	MmuINT0076239	chr16	36951274	36955345	+	0.096521
Hcls1	MmuINT0076240	chr16	36955457	36956049	+	0.05639
Hcls1	MmuINT0076241	chr16	36956106	36956656	+	0.11288
Hcls1	MmuINT0076242	chr16	36956727	36957297	+	0.039386
Hcn2	MmuINT0076250	chr10	79179965	79187132	+	0.01491
Hcn2	MmuINT0076251	chr10	79187557	79188891	+	0.007861
Hcn2	MmuINT0076252	chr10	79189054	79191637	+	0.017769
Hcn2	MmuINT0076253	chr10	79191857	79193591	+	0.004503
Hcn2	MmuINT0076254	chr10	79193739	79196415	+	0.003483
Hcn2	MmuINT0076255	chr10	79196657	79196807	+	0.004191
Hcn2	MmuINT0076256	chr10	79196973	79197602	+	0.004679
Hdac1	MmuINT0076299	chr4	1.29E+08	1.29E+08	-	0.014013
Hdac10	MmuINT0076304	chr15	88954684	88954961	-	0.410637
Hdac10	MmuINT0076308	chr15	88958750	88958819	-	0.159603
Hdac10	MmuINT0076309	chr15	88956321	88956404	-	0.049189
Hdac10	MmuINT0076310	chr15	88956180	88956255	-	0.083564
Hdac10	MmuINT0076311	chr15	88955827	88955926	-	0.032463
Hdac10	MmuINT0076312	chr15	88955235	88955741	-	0.084216
Hdac10	MmuINT0076313	chr15	88954155	88954248	-	0.030149
Hdac10	MmuINT0076315	chr15	88958449	88958614	-	0.177281
Hdac10	MmuINT0076316	chr15	88958122	88958351	-	0.126175
Hdac10	MmuINT0076317	chr15	88957921	88958023	-	0.040022
Hdac10	MmuINT0076318	chr15	88957426	88957815	-	0.764674
Hdac10	MmuINT0076319	chr15	88957137	88957298	-	0.146818
Hdac10	MmuINT0076320	chr15	88956732	88956807	-	0.026683
Hdac10	MmuINT0076321	chr15	88956512	88956641	-	0.053089
Hdac11	MmuINT0076322	chr6	91106842	91107390	+	0.006305
Hdac11	MmuINT0076323	chr6	91107540	91109154	+	0.006565
Hdac11	MmuINT0076324	chr6	91109256	91115554	+	0.013122
Hdac11	MmuINT0076325	chr6	91115672	91116236	+	0.012342
Hdac11	MmuINT0076327	chr6	91117875	91118802	+	0.027953
Hdac11	MmuINT0076328	chr6	91118866	91119388	+	0.018197
Hdac11	MmuINT0076329	chr6	91119486	91122158	+	0.007533
Hdac11	MmuINT0076330	chr6	91122338	91123042	+	0.006852
Hdac2	MmuINT0076331	chr10	36694610	36704932	+	0.007517
Hdac2	MmuINT0076332	chr10	36717309	36717772	+	0.018943
Hdac2	MmuINT0076333	chr10	36717904	36718219	+	0.006292
Hdac2	MmuINT0076334	chr10	36718376	36720174	+	0.003459
Hdac2	MmuINT0076335	chr10	36720233	36721334	+	0.012748
Hdac2	MmuINT0076336	chr10	36705046	36706112	+	0.005018
Hdac2	MmuINT0076337	chr10	36706231	36707885	+	0.003832

Hdac2	MmuINT0076338	chr10	36707961	36708955	+	0.003252
Hdac2	MmuINT0076339	chr10	36709095	36711562	+	0.003209
Hdac2	MmuINT0076340	chr10	36711705	36713413	+	0.007093
Hdac2	MmuINT0076341	chr10	36713507	36713581	+	0.006694
Hdac2	MmuINT0076342	chr10	36713691	36716794	+	0.02482
Hdac2	MmuINT0076343	chr10	36716936	36717199	+	0.015435
Hdac3	MmuINT0076344	chr18	38114419	38114512	-	0.005351
Hdac3	MmuINT0076345	chr18	38101622	38103109	-	0.007322
Hdac3	MmuINT0076346	chr18	38101421	38101531	-	0.005514
Hdac3	MmuINT0076347	chr18	38101113	38101361	-	0.092726
Hdac3	MmuINT0076348	chr18	38100765	38101032	-	0.012919
Hdac3	MmuINT0076349	chr18	38097338	38100606	-	0.011413
Hdac3	MmuINT0076350	chr18	38112268	38114335	-	0.00483
Hdac3	MmuINT0076351	chr18	38105430	38112124	-	0.003714
Hdac3	MmuINT0076352	chr18	38105222	38105347	-	0.006086
Hdac3	MmuINT0076353	chr18	38105050	38105164	-	0.008831
Hdac3	MmuINT0076354	chr18	38104680	38104993	-	0.012555
Hdac3	MmuINT0076355	chr18	38103864	38104545	-	0.027719
Hdac3	MmuINT0076356	chr18	38103406	38103782	-	0.103474
Hdac3	MmuINT0076357	chr18	38103175	38103331	-	0.008185
Hdac4	MmuINT0076358	chr1	93951550	94044832	-	0.047734
Hdac4	MmuINT0076359	chr1	93878830	93880954	-	0.165656
Hdac4	MmuINT0076360	chr1	93872271	93878605	-	0.12178
Hdac4	MmuINT0076361	chr1	93869464	93872015	-	0.014721
Hdac4	MmuINT0076362	chr1	93867654	93869276	-	0.02186
Hdac4	MmuINT0076363	chr1	93865036	93867519	-	0.021801
Hdac4	MmuINT0076364	chr1	93861404	93864929	-	0.525769
Hdac4	MmuINT0076365	chr1	93858138	93861356	-	0.02554
Hdac4	MmuINT0076366	chr1	93856044	93858029	-	0.044625
Hdac4	MmuINT0076367	chr1	93855020	93855987	-	0.030696
Hdac4	MmuINT0076368	chr1	93852739	93854931	-	0.033162
Hdac4	MmuINT0076369	chr1	93926774	93951477	-	0.025671
Hdac4	MmuINT0076370	chr1	93851965	93852618	-	0.032373
Hdac4	MmuINT0076371	chr1	93844114	93851866	-	0.039994
Hdac4	MmuINT0076372	chr1	93842611	93843994	-	0.028607
Hdac4	MmuINT0076373	chr1	93831264	93842476	-	0.028995
Hdac4	MmuINT0076374	chr1	93830375	93831178	-	0.018376
Hdac4	MmuINT0076375	chr1	93829964	93830232	-	0.038182
Hdac4	MmuINT0076377	chr1	93898853	93909245	-	0.038207
Hdac4	MmuINT0076378	chr1	93892756	93898731	-	0.020233
Hdac4	MmuINT0076379	chr1	93888192	93892633	-	0.031119
Hdac4	MmuINT0076380	chr1	93884235	93888059	-	0.025178
Hdac4	MmuINT0076381	chr1	93881355	93884121	-	0.030587
Hdac4	MmuINT0076382	chr1	93881151	93881237	-	0.027885
Hdac5	MmuINT0076383	chr11	1.02E+08	1.02E+08	-	0.018328
Hdac5	MmuINT0076384	chr11	1.02E+08	1.02E+08	-	0.008468
Hdac5	MmuINT0076385	chr11	1.02E+08	1.02E+08	-	0.007696
Hdac5	MmuINT0076386	chr11	1.02E+08	1.02E+08	-	0.013703
Hdac5	MmuINT0076387	chr11	1.02E+08	1.02E+08	-	0.009316
Hdac5	MmuINT0076388	chr11	1.02E+08	1.02E+08	-	0.034017

Hdac5	MmuINT0076389	chr11	1.02E+08	1.02E+08	-	0.006096
Hdac5	MmuINT0076390	chr11	1.02E+08	1.02E+08	-	0.006017
Hdac5	MmuINT0076391	chr11	1.02E+08	1.02E+08	-	0.018831
Hdac5	MmuINT0076392	chr11	1.02E+08	1.02E+08	-	0.009612
Hdac5	MmuINT0076393	chr11	1.02E+08	1.02E+08	-	0.013919
Hdac5	MmuINT0076394	chr11	1.02E+08	1.02E+08	-	0.518716
Hdac5	MmuINT0076395	chr11	1.02E+08	1.02E+08	-	0.025502
Hdac5	MmuINT0076396	chr11	1.02E+08	1.02E+08	-	0.01555
Hdac5	MmuINT0076397	chr11	1.02E+08	1.02E+08	-	0.012672
Hdac5	MmuINT0076398	chr11	1.02E+08	1.02E+08	-	0.033397
Hdac5	MmuINT0076399	chr11	1.02E+08	1.02E+08	-	0.014147
Hdac5	MmuINT0076400	chr11	1.02E+08	1.02E+08	-	0.014979
Hdac5	MmuINT0076401	chr11	1.02E+08	1.02E+08	-	0.094948
Hdac5	MmuINT0076402	chr11	1.02E+08	1.02E+08	-	0.021846
Hdac5	MmuINT0076403	chr11	1.02E+08	1.02E+08	-	0.021461
Hdac5	MmuINT0076404	chr11	1.02E+08	1.02E+08	-	0.006041
Hdac5	MmuINT0076405	chr11	1.02E+08	1.02E+08	-	0.005082
Hdac5	MmuINT0076406	chr11	1.02E+08	1.02E+08	-	0.011907
Hdac5	MmuINT0076407	chr11	1.02E+08	1.02E+08	-	0.015135
Hdac6	MmuINT0076408	chrX	7524371	7524700	-	0.368216
Hdac6	MmuINT0076409	chrX	7517171	7518969	-	0.02952
Hdac6	MmuINT0076410	chrX	7516952	7517043	-	0.031666
Hdac6	MmuINT0076411	chrX	7516792	7516885	-	0.065794
Hdac6	MmuINT0076412	chrX	7516659	7516731	-	0.089992
Hdac6	MmuINT0076413	chrX	7515619	7516568	-	0.072734
Hdac6	MmuINT0076414	chrX	7515420	7515511	-	0.022369
Hdac6	MmuINT0076415	chrX	7515138	7515351	-	0.023628
Hdac6	MmuINT0076416	chrX	7514882	7514968	-	0.021879
Hdac6	MmuINT0076417	chrX	7514599	7514752	-	0.030806
Hdac6	MmuINT0076418	chrX	7514202	7514429	-	0.020628
Hdac6	MmuINT0076419	chrX	7524158	7524250	-	0.019936
Hdac6	MmuINT0076420	chrX	7513577	7514067	-	0.024966
Hdac6	MmuINT0076421	chrX	7513389	7513507	-	0.034428
Hdac6	MmuINT0076422	chrX	7511448	7513195	-	0.027811
Hdac6	MmuINT0076423	chrX	7509364	7511297	-	0.025046
Hdac6	MmuINT0076424	chrX	7509086	7509188	-	0.014917
Hdac6	MmuINT0076425	chrX	7508508	7508591	-	0.014
Hdac6	MmuINT0076426	chrX	7508282	7508405	-	0.023141
Hdac6	MmuINT0076427	chrX	7508039	7508134	-	0.017133
Hdac6	MmuINT0076428	chrX	7507664	7507909	-	0.013464
Hdac6	MmuINT0076429	chrX	7523878	7524028	-	0.036564
Hdac6	MmuINT0076430	chrX	7521925	7523788	-	0.054346
Hdac6	MmuINT0076431	chrX	7521741	7521839	-	0.028051
Hdac6	MmuINT0076432	chrX	7520864	7521699	-	0.029972
Hdac6	MmuINT0076433	chrX	7520611	7520766	-	0.037674
Hdac6	MmuINT0076434	chrX	7519264	7520512	-	0.03027
Hdac6	MmuINT0076435	chrX	7519039	7519158	-	0.036775
Hdac7	MmuINT0076436	chr15	97642060	97661789	-	0.017734
Hdac7	MmuINT0076437	chr15	97637099	97638024	-	0.033204
Hdac7	MmuINT0076438	chr15	97633248	97636896	-	0.02241

Hdac7	MmuINT0076439	chr15	97632982	97633113	-	0.008694
Hdac7	MmuINT0076440	chr15	97632557	97632860	-	0.014314
Hdac7	MmuINT0076441	chr15	97631234	97632506	-	0.332823
Hdac7	MmuINT0076442	chr15	97630248	97631125	-	0.030129
Hdac7	MmuINT0076443	chr15	97630076	97630191	-	0.04502
Hdac7	MmuINT0076444	chr15	97628775	97629987	-	0.009131
Hdac7	MmuINT0076445	chr15	97628470	97628654	-	0.00835
Hdac7	MmuINT0076446	chr15	97627383	97628371	-	0.098052
Hdac7	MmuINT0076447	chr15	97641785	97641868	-	0.012985
Hdac7	MmuINT0076448	chr15	97626663	97627263	-	0.132087
Hdac7	MmuINT0076449	chr15	97626263	97626528	-	0.038632
Hdac7	MmuINT0076450	chr15	97624497	97626177	-	0.270284
Hdac7	MmuINT0076451	chr15	97624174	97624360	-	0.116387
Hdac7	MmuINT0076452	chr15	97641396	97641693	-	0.019819
Hdac7	MmuINT0076453	chr15	97640471	97641283	-	0.124225
Hdac7	MmuINT0076454	chr15	97639958	97640354	-	0.044726
Hdac7	MmuINT0076455	chr15	97639490	97639831	-	0.010738
Hdac7	MmuINT0076456	chr15	97638965	97639397	-	0.346945
Hdac7	MmuINT0076457	chr15	97638593	97638783	-	0.009601
Hdac7	MmuINT0076458	chr15	97638220	97638395	-	0.014744
Hdac8	MmuINT0076459	chrX	99699791	99700292	-	0.043399
Hdac8	MmuINT0076460	chrX	99480508	99502977	-	0.090993
Hdac8	MmuINT0076461	chrX	99695292	99699737	-	0.057346
Hdac8	MmuINT0076462	chrX	99693612	99695160	-	0.037968
Hdac8	MmuINT0076463	chrX	99627937	99693469	-	0.043146
Hdac8	MmuINT0076464	chrX	99624181	99627823	-	0.050697
Hdac8	MmuINT0076465	chrX	99623563	99624102	-	0.045982
Hdac8	MmuINT0076466	chrX	99601049	99623453	-	0.034571
Hdac8	MmuINT0076467	chrX	99598019	99600875	-	0.054187
Hdac8	MmuINT0076468	chrX	99503084	99597923	-	0.047745
Hdac9	MmuINT0076474	chr12	35116855	35117945	-	0.017401
Hdac9	MmuINT0076476	chr12	35092763	35114362	-	0.015038
Hdac9	MmuINT0076478	chr12	35078271	35087616	-	0.018559
Hdac9	MmuINT0076479	chr12	35075218	35078147	-	0.00989
Hdc	MmuINT0076487	chr2	1.26E+08	1.26E+08	-	0.084582
Hddc2	MmuINT0076491	chr10	31033290	31034320	+	0.040374
Hddc2	MmuINT0076492	chr10	31034443	31036098	+	0.028636
Hddc2	MmuINT0076493	chr10	31036202	31040073	+	0.06178
Hddc2	MmuINT0076494	chr10	31040143	31045827	+	0.045201
Hddc2	MmuINT0076495	chr10	31045967	31047686	+	0.046099
Hddc3	MmuINT0076496	chr7	87488136	87488424	+	0.07149
Hddc3	MmuINT0076497	chr7	87488481	87488601	+	0.02221
Hddc3	MmuINT0076498	chr7	87488843	87490533	+	0.291064
Hdgf	MmuINT0076499	chr3	87710637	87717012	+	0.00822
Hdgf	MmuINT0076500	chr3	87717090	87717234	+	0.014354
Hdgf	MmuINT0076501	chr3	87717374	87717973	+	0.005522
Hdgf	MmuINT0076502	chr3	87718160	87718394	+	0.000309
Hdgf	MmuINT0076503	chr3	87718613	87718823	+	0.001828
Hdgfrp2	MmuINT0076504	chr17	56219250	56221522	+	0.028645
Hdgfrp2	MmuINT0076505	chr17	56237409	56237906	+	0.00882



Hdgfrp2	MmuINT0076506	chr17	56237981	56238105	+	0.051315
Hdgfrp2	MmuINT0076507	chr17	56238177	56238396	+	0.053353
Hdgfrp2	MmuINT0076508	chr17	56238499	56238599	+	0.064584
Hdgfrp2	MmuINT0076509	chr17	56238811	56239281	+	0.120523
Hdgfrp2	MmuINT0076510	chr17	56239409	56239767	+	0.364365
Hdgfrp2	MmuINT0076511	chr17	56221600	56221699	+	0.004986
Hdgfrp2	MmuINT0076512	chr17	56221839	56232944	+	0.004351
Hdgfrp2	MmuINT0076513	chr17	56233146	56235439	+	0.008917
Hdgfrp2	MmuINT0076514	chr17	56235554	56235627	+	0.010212
Hdgfrp2	MmuINT0076516	chr17	56236440	56236510	+	0.056628
Hdgfrp2	MmuINT0076517	chr17	56236587	56236657	+	0.055587
Hdgfrp2	MmuINT0076518	chr17	56236950	56237304	+	0.007184
Hdgfrp3	MmuINT0076519	chr7	89050523	89078824	-	0.041459
Hdgfrp3	MmuINT0076520	chr7	89045310	89050445	-	0.029297
Hdgfrp3	MmuINT0076521	chr7	89044716	89045170	-	0.017986
Hdgfrp3	MmuINT0076522	chr7	89038832	89044559	-	0.04654
Hdgfrp3	MmuINT0076523	chr7	89030970	89038684	-	0.077557
Hdhd2	MmuINT0076526	chr18	77182925	77189851	+	0.025814
Hdhd2	MmuINT0076527	chr18	77189963	77193716	+	0.004814
Hdhd2	MmuINT0076528	chr18	77193926	77195577	+	0.003909
Hdhd2	MmuINT0076529	chr18	77195663	77203789	+	0.003179
Hdhd2	MmuINT0076530	chr18	77204007	77205882	+	0.003787
Hdhd2	MmuINT0076531	chr18	77205947	77209349	+	0.027064
Hdhd3	MmuINT0076532	chr4	62161128	62163191	-	0.047708
Hdlbp	MmuINT0076533	chr1	95338828	95375289	-	0.003526
Hdlbp	MmuINT0076534	chr1	95324214	95324724	-	0.000911
Hdlbp	MmuINT0076535	chr1	95321984	95324134	-	0.004086
Hdlbp	MmuINT0076536	chr1	95320452	95321843	-	0.001633
Hdlbp	MmuINT0076537	chr1	95319955	95320346	-	0.000659
Hdlbp	MmuINT0076538	chr1	95318007	95319840	-	0.001183
Hdlbp	MmuINT0076539	chr1	95317793	95317919	-	0.000741
Hdlbp	MmuINT0076540	chr1	95316865	95317660	-	0.000791
Hdlbp	MmuINT0076541	chr1	95314267	95316645	-	0.001317
Hdlbp	MmuINT0076542	chr1	95313968	95314044	-	0.001577
Hdlbp	MmuINT0076543	chr1	95313217	95313748	-	0.000574
Hdlbp	MmuINT0076544	chr1	95337370	95338762	-	0.000967
Hdlbp	MmuINT0076545	chr1	95311544	95313077	-	0.003002
Hdlbp	MmuINT0076546	chr1	95310509	95311388	-	0.001576
Hdlbp	MmuINT0076547	chr1	95310203	95310403	-	0.005409
Hdlbp	MmuINT0076548	chr1	95309084	95310067	-	0.003718
Hdlbp	MmuINT0076549	chr1	95305714	95308939	-	0.004235
Hdlbp	MmuINT0076550	chr1	95305383	95305527	-	0.003537
Hdlbp	MmuINT0076551	chr1	95305075	95305265	-	0.00906
Hdlbp	MmuINT0076552	chr1	95304837	95304945	-	0.004277
Hdlbp	MmuINT0076553	chr1	95334961	95337256	-	0.002798
Hdlbp	MmuINT0076554	chr1	95333887	95334802	-	0.000699
Hdlbp	MmuINT0076555	chr1	95328096	95333670	-	0.001189
Hdlbp	MmuINT0076556	chr1	95327748	95327888	-	0.000446
Hdlbp	MmuINT0076557	chr1	95326882	95327531	-	0.000692
Hdlbp	MmuINT0076558	chr1	95326063	95326674	-	0.001443

Hdlbp	MmuINT0076559	chr1	95324830	95325954	-	0.008095
Heatr1	MmuINT0076569	chr13	12487738	12488006	+	0.049188
Heatr1	MmuINT0076570	chr13	12498401	12498791	+	0.054519
Heatr1	MmuINT0076571	chr13	12498910	12499783	+	0.045468
Heatr1	MmuINT0076572	chr13	12499892	12500920	+	0.045146
Heatr1	MmuINT0076575	chr13	12502875	12503486	+	0.076209
Heatr1	MmuINT0076576	chr13	12503609	12504311	+	0.057758
Heatr1	MmuINT0076577	chr13	12504504	12505491	+	0.053464
Heatr1	MmuINT0076578	chr13	12505676	12505778	+	0.038483
Heatr1	MmuINT0076579	chr13	12505916	12506639	+	0.063321
Heatr1	MmuINT0076581	chr13	12506833	12507683	+	0.04926
Heatr1	MmuINT0076582	chr13	12507854	12508217	+	0.041167
Heatr1	MmuINT0076583	chr13	12508377	12509726	+	0.042874
Heatr1	MmuINT0076584	chr13	12509970	12510364	+	0.047546
Heatr1	MmuINT0076585	chr13	12510497	12513308	+	0.061412
Heatr1	MmuINT0076586	chr13	12513413	12513544	+	0.065997
Heatr1	MmuINT0076587	chr13	12513689	12514307	+	0.053888
Heatr1	MmuINT0076588	chr13	12514427	12514507	+	0.054294
Heatr1	MmuINT0076589	chr13	12514630	12515900	+	0.046003
Heatr1	MmuINT0076590	chr13	12516030	12516886	+	0.051023
Heatr1	MmuINT0076591	chr13	12488906	12491169	+	0.062333
Heatr1	MmuINT0076592	chr13	12517118	12518420	+	0.047428
Heatr1	MmuINT0076593	chr13	12518548	12519028	+	0.03658
Heatr1	MmuINT0076594	chr13	12519190	12522033	+	0.067495
Heatr1	MmuINT0076595	chr13	12522081	12522407	+	0.051596
Heatr1	MmuINT0076596	chr13	12522532	12523177	+	0.050245
Heatr1	MmuINT0076597	chr13	12523319	12523946	+	0.028584
Heatr1	MmuINT0076598	chr13	12524240	12524895	+	0.037571
Heatr1	MmuINT0076599	chr13	12525047	12525878	+	0.043972
Heatr1	MmuINT0076600	chr13	12526038	12526183	+	0.033187
Heatr1	MmuINT0076601	chr13	12526319	12526453	+	0.054085
Heatr1	MmuINT0076603	chr13	12526559	12526640	+	0.035405
Heatr1	MmuINT0076604	chr13	12526810	12527313	+	0.041509
Heatr1	MmuINT0076605	chr13	12527469	12527936	+	0.072709
Heatr1	MmuINT0076606	chr13	12528096	12530100	+	0.039142
Heatr1	MmuINT0076607	chr13	12530210	12530855	+	0.027941
Heatr1	MmuINT0076608	chr13	12493419	12493716	+	0.051566
Heatr1	MmuINT0076609	chr13	12493858	12494980	+	0.045223
Heatr1	MmuINT0076610	chr13	12495193	12495411	+	0.065898
Heatr1	MmuINT0076611	chr13	12495546	12497154	+	0.05574
Heatr1	MmuINT0076612	chr13	12497258	12498289	+	0.047086
Heatr2	MmuINT0076614	chr5	1.4E+08	1.4E+08	+	0.029042
Heatr2	MmuINT0076615	chr5	1.4E+08	1.4E+08	+	0.023179
Heatr2	MmuINT0076616	chr5	1.4E+08	1.4E+08	+	0.015474
Heatr2	MmuINT0076617	chr5	1.4E+08	1.4E+08	+	0.011743
Heatr2	MmuINT0076618	chr5	1.4E+08	1.4E+08	+	0.012534
Heatr2	MmuINT0076619	chr5	1.4E+08	1.4E+08	+	0.017608
Heatr2	MmuINT0076620	chr5	1.4E+08	1.4E+08	+	0.022075
Heatr2	MmuINT0076621	chr5	1.4E+08	1.4E+08	+	0.023848
Heatr2	MmuINT0076622	chr5	1.4E+08	1.4E+08	+	0.012996

Heatr2	MmuINT0076623	chr5	1.4E+08	1.4E+08	+	0.017722
Heatr2	MmuINT0076624	chr5	1.4E+08	1.4E+08	+	0.018673
Heatr3	MmuINT0076625	chr8	90662057	90662173	+	0.032228
Heatr3	MmuINT0076626	chr8	90681035	90682027	+	0.012201
Heatr3	MmuINT0076627	chr8	90682165	90685776	+	0.039537
Heatr3	MmuINT0076628	chr8	90685866	90688786	+	0.038916
Heatr3	MmuINT0076629	chr8	90688931	90690894	+	0.005957
Heatr3	MmuINT0076630	chr8	90691072	90694757	+	0.016061
Heatr3	MmuINT0076631	chr8	90662347	90663790	+	0.010697
Heatr3	MmuINT0076632	chr8	90663879	90665570	+	0.008693
Heatr3	MmuINT0076633	chr8	90665681	90668427	+	0.008401
Heatr3	MmuINT0076634	chr8	90668538	90671445	+	0.008733
Heatr3	MmuINT0076635	chr8	90671587	90673990	+	0.005568
Heatr3	MmuINT0076636	chr8	90674269	90680360	+	0.013824
Heatr3	MmuINT0076637	chr8	90680452	90680568	+	0.010682
Heatr3	MmuINT0076638	chr8	90680727	90680951	+	0.011106
Heatr5a	MmuINT0076640	chr12	53046520	53048741	-	0.029779
Heatr5a	MmuINT0076641	chr12	53040711	53046407	-	0.026226
Heatr5a	MmuINT0076642	chr12	53039158	53040557	-	0.039041
Heatr5a	MmuINT0076645	chr12	53026161	53026240	-	0.034025
Heatr5a	MmuINT0076646	chr12	53022431	53025984	-	0.033531
Heatr5a	MmuINT0076648	chr12	53019728	53021376	-	0.024131
Heatr5a	MmuINT0076649	chr12	53017244	53019570	-	0.024243
Heatr5a	MmuINT0076650	chr12	53060052	53062419	-	0.040987
Heatr5a	MmuINT0076651	chr12	53016131	53017053	-	0.029889
Heatr5a	MmuINT0076652	chr12	53011081	53015960	-	0.04297
Heatr5a	MmuINT0076653	chr12	53006488	53010944	-	0.020533
Heatr5a	MmuINT0076654	chr12	53000279	53006307	-	0.015625
Heatr5a	MmuINT0076655	chr12	52998916	53000041	-	0.017866
Heatr5a	MmuINT0076656	chr12	52997619	52998733	-	0.021644
Heatr5a	MmuINT0076657	chr12	52995430	52997549	-	0.026022
Heatr5a	MmuINT0076658	chr12	52994860	52995249	-	0.022363
Heatr5a	MmuINT0076659	chr12	52992455	52994636	-	0.021065
Heatr5a	MmuINT0076660	chr12	52990702	52992208	-	0.018603
Heatr5a	MmuINT0076662	chr12	52989989	52990573	-	0.060684
Heatr5a	MmuINT0076663	chr12	52989258	52989840	-	0.017174
Heatr5a	MmuINT0076665	chr12	52982253	52985253	-	0.0288
Heatr5a	MmuINT0076666	chr12	52980456	52982100	-	0.013807
Heatr5a	MmuINT0076667	chr12	52978604	52980241	-	0.021501
Heatr5a	MmuINT0076668	chr12	53057258	53058065	-	0.030117
Heatr5a	MmuINT0076671	chr12	53052172	53053473	-	0.022223
Heatr5a	MmuINT0076672	chr12	53051075	53051915	-	0.021311
Heatr5a	MmuINT0076673	chr12	53048993	53050918	-	0.019641
Heatr5b	MmuINT0076683	chr17	79205447	79207669	-	0.021278
Heatr5b	MmuINT0076684	chr17	79202902	79205286	-	0.024105
Heatr5b	MmuINT0076686	chr17	79201123	79202711	-	0.02494
Heatr5b	MmuINT0076688	chr17	79195402	79195723	-	0.018907
Heatr5b	MmuINT0076689	chr17	79194687	79195161	-	0.013797
Heatr5b	MmuINT0076690	chr17	79190957	79194434	-	0.021234
Heatr5b	MmuINT0076691	chr17	79187614	79190774	-	0.018278

Heatr5b	MmuINT0076692	chr17	79173058	79187544	-	0.030828
Heatr5b	MmuINT0076693	chr17	79167944	79172877	-	0.018469
Heatr5b	MmuINT0076694	chr17	79166475	79167705	-	0.010378
Heatr5b	MmuINT0076695	chr17	79164796	79166219	-	0.014713
Heatr5b	MmuINT0076697	chr17	79162418	79164667	-	0.007479
Heatr5b	MmuINT0076698	chr17	79161607	79162272	-	0.009257
Heatr5b	MmuINT0076699	chr17	79159981	79161339	-	0.011128
Heatr5b	MmuINT0076700	chr17	79156355	79159755	-	0.012341
Heatr5b	MmuINT0076701	chr17	79154765	79156202	-	0.011262
Heatr5b	MmuINT0076702	chr17	79152677	79154550	-	0.016826
Heatr5b	MmuINT0076705	chr17	79225730	79227271	-	0.016237
Heatr5b	MmuINT0076707	chr17	79220911	79223835	-	0.023709
Heatr6	MmuINT0076709	chr11	83567444	83569211	+	0.115842
Heatr6	MmuINT0076710	chr11	83582765	83583169	+	0.036385
Heatr6	MmuINT0076711	chr11	83583270	83585746	+	0.048438
Heatr6	MmuINT0076712	chr11	83586103	83587371	+	0.077802
Heatr6	MmuINT0076713	chr11	83587495	83587923	+	0.154511
Heatr6	MmuINT0076714	chr11	83588011	83589202	+	0.057294
Heatr6	MmuINT0076715	chr11	83589338	83590115	+	0.117296
Heatr6	MmuINT0076716	chr11	83590239	83590739	+	0.03947
Heatr6	MmuINT0076717	chr11	83590865	83592346	+	0.071411
Heatr6	MmuINT0076718	chr11	83592444	83592902	+	0.053318
Heatr6	MmuINT0076719	chr11	83593108	83594652	+	0.026286
Heatr6	MmuINT0076720	chr11	83569320	83570811	+	0.063148
Heatr6	MmuINT0076723	chr11	83572921	83574400	+	0.08711
Heatr6	MmuINT0076724	chr11	83574503	83578387	+	0.035577
Heatr6	MmuINT0076725	chr11	83578526	83579354	+	0.036546
Heatr6	MmuINT0076726	chr11	83579663	83580579	+	0.041042
Heatr6	MmuINT0076727	chr11	83580758	83582557	+	0.029411
Heatr7a	MmuINT0076728	chr15	76220558	76222810	+	0.022442
Heatr7a	MmuINT0076729	chr15	76243411	76244648	+	0.014094
Heatr7a	MmuINT0076730	chr15	76244763	76251569	+	0.01861
Heatr7a	MmuINT0076731	chr15	76251644	76254145	+	0.063585
Heatr7a	MmuINT0076732	chr15	76254266	76257538	+	0.027365
Heatr7a	MmuINT0076733	chr15	76257647	76257941	+	0.023216
Heatr7a	MmuINT0076734	chr15	76258087	76258331	+	0.07922
Heatr7a	MmuINT0076735	chr15	76258373	76258673	+	0.065807
Heatr7a	MmuINT0076736	chr15	76258816	76259078	+	0.015111
Heatr7a	MmuINT0076737	chr15	76259132	76259582	+	0.039202
Heatr7a	MmuINT0076738	chr15	76259691	76260217	+	0.01349
Heatr7a	MmuINT0076739	chr15	76222890	76224232	+	0.017668
Heatr7a	MmuINT0076740	chr15	76260338	76260606	+	0.014476
Heatr7a	MmuINT0076741	chr15	76260730	76262578	+	0.013398
Heatr7a	MmuINT0076742	chr15	76262726	76263703	+	0.21054
Heatr7a	MmuINT0076743	chr15	76263827	76263967	+	0.017083
Heatr7a	MmuINT0076744	chr15	76264048	76264256	+	0.014451
Heatr7a	MmuINT0076745	chr15	76264372	76264492	+	0.016376
Heatr7a	MmuINT0076746	chr15	76264589	76265112	+	0.1248
Heatr7a	MmuINT0076747	chr15	76265218	76266199	+	0.01367
Heatr7a	MmuINT0076748	chr15	76266336	76266434	+	0.017495

Heat7a	MmuINT0076749	chr15	76266548	76267667	+	0.012327
Heat7a	MmuINT0076750	chr15	76224379	76232005	+	0.012888
Heat7a	MmuINT0076752	chr15	76232138	76232562	+	0.017007
Heat7a	MmuINT0076753	chr15	76232726	76232912	+	0.017834
Heat7a	MmuINT0076754	chr15	76233012	76238321	+	0.020743
Heat7a	MmuINT0076755	chr15	76238474	76238817	+	0.013428
Heat7a	MmuINT0076756	chr15	76238959	76239312	+	0.019945
Heat7a	MmuINT0076757	chr15	76239406	76243331	+	0.092312
Heat7a	MmuINT0076758	chr15	76211007	76220460	+	0.038092
Heat7a	MmuINT0076762	chr15	76273835	76276945	+	0.022631
Heat7a	MmuINT0076763	chr15	76277112	76277598	+	0.042451
Heat7a	MmuINT0076764	chr15	76277796	76280515	+	0.0841
Heat7a	MmuINT0076765	chr15	76280654	76281068	+	0.065674
Heat7a	MmuINT0076766	chr15	76281184	76281491	+	0.060546
Heat7a	MmuINT0076767	chr15	76281639	76281776	+	0.041636
Heat7a	MmuINT0076768	chr15	76281966	76282234	+	0.016106
Heat7a	MmuINT0076769	chr15	76282391	76282473	+	0.00918
Heat7a	MmuINT0076770	chr15	76282609	76282676	+	0.056899
Heat7a	MmuINT0076771	chr15	76282780	76282857	+	0.035078
Heat7a	MmuINT0076772	chr15	76282924	76283255	+	0.025521
Hebp1	MmuINT0076855	chr6	1.35E+08	1.35E+08	-	0.012861
Hebp1	MmuINT0076856	chr6	1.35E+08	1.35E+08	-	0.008649
Hebp1	MmuINT0076857	chr6	1.35E+08	1.35E+08	-	0.012114
Heca	MmuINT0076861	chr10	17635839	17667314	-	0.030218
Heca	MmuINT0076862	chr10	17627995	17634797	-	0.025021
Heca	MmuINT0076863	chr10	17622184	17627839	-	0.014118
Hectd1	MmuINT0076864	chr12	52928501	52930189	-	0.009366
Hectd1	MmuINT0076865	chr12	52895865	52898823	-	0.011992
Hectd1	MmuINT0076866	chr12	52895572	52895725	-	0.006612
Hectd1	MmuINT0076867	chr12	52892430	52895400	-	0.004445
Hectd1	MmuINT0076868	chr12	52891603	52892206	-	0.003957
Hectd1	MmuINT0076869	chr12	52891236	52891338	-	0.00535
Hectd1	MmuINT0076870	chr12	52888967	52891158	-	0.005929
Hectd1	MmuINT0076871	chr12	52886943	52888831	-	0.005818
Hectd1	MmuINT0076872	chr12	52885264	52886795	-	0.006294
Hectd1	MmuINT0076873	chr12	52883575	52885168	-	0.011664
Hectd1	MmuINT0076874	chr12	52877618	52883468	-	0.007875
Hectd1	MmuINT0076875	chr12	52907584	52928338	-	0.006455
Hectd1	MmuINT0076876	chr12	52875778	52877482	-	0.005181
Hectd1	MmuINT0076877	chr12	52875138	52875637	-	0.003566
Hectd1	MmuINT0076878	chr12	52873693	52874813	-	0.005195
Hectd1	MmuINT0076879	chr12	52873438	52873525	-	0.00692
Hectd1	MmuINT0076880	chr12	52870353	52873260	-	0.009323
Hectd1	MmuINT0076881	chr12	52868765	52869515	-	0.004751
Hectd1	MmuINT0076882	chr12	52865142	52868542	-	0.004298
Hectd1	MmuINT0076883	chr12	52863534	52865007	-	0.004933
Hectd1	MmuINT0076884	chr12	52862158	52863410	-	0.013214
Hectd1	MmuINT0076885	chr12	52860429	52862000	-	0.004934
Hectd1	MmuINT0076886	chr12	52904884	52907348	-	0.004984
Hectd1	MmuINT0076887	chr12	52858089	52860205	-	0.013868

Hectd1	MmuINT0076888	chr12	52856091	52858033	-	0.007594
Hectd1	MmuINT0076889	chr12	52855410	52855907	-	0.004992
Hectd1	MmuINT0076891	chr12	52854856	52855029	-	0.007929
Hectd1	MmuINT0076892	chr12	52853045	52854727	-	0.004389
Hectd1	MmuINT0076893	chr12	52851446	52852842	-	0.005443
Hectd1	MmuINT0076894	chr12	52849999	52851307	-	0.007728
Hectd1	MmuINT0076895	chr12	52847339	52849390	-	0.006884
Hectd1	MmuINT0076896	chr12	52847175	52847259	-	0.004254
Hectd1	MmuINT0076897	chr12	52903804	52904655	-	0.007744
Hectd1	MmuINT0076898	chr12	52846519	52847080	-	0.009006
Hectd1	MmuINT0076899	chr12	52845898	52846367	-	0.00523
Hectd1	MmuINT0076901	chr12	52903422	52903521	-	0.004444
Hectd1	MmuINT0076902	chr12	52901960	52903150	-	0.009571
Hectd1	MmuINT0076903	chr12	52901801	52901882	-	0.00758
Hectd1	MmuINT0076904	chr12	52899756	52901701	-	0.007957
Hectd1	MmuINT0076905	chr12	52898999	52899640	-	0.007597
Hectd2	MmuINT0076915	chr19	36686914	36688837	+	0.745812
Hectd2	MmuINT0076916	chr19	36688954	36689989	+	0.383817
Hectd2	MmuINT0076925	chr19	36673526	36674085	+	0.311721
Hectd3	MmuINT0076926	chr4	1.17E+08	1.17E+08	+	0.01143
Hectd3	MmuINT0076927	chr4	1.17E+08	1.17E+08	+	0.073636
Hectd3	MmuINT0076928	chr4	1.17E+08	1.17E+08	+	0.063325
Hectd3	MmuINT0076929	chr4	1.17E+08	1.17E+08	+	0.03819
Hectd3	MmuINT0076930	chr4	1.17E+08	1.17E+08	+	0.02241
Hectd3	MmuINT0076931	chr4	1.17E+08	1.17E+08	+	0.01031
Hectd3	MmuINT0076932	chr4	1.17E+08	1.17E+08	+	0.014635
Hectd3	MmuINT0076933	chr4	1.17E+08	1.17E+08	+	0.121586
Hectd3	MmuINT0076934	chr4	1.17E+08	1.17E+08	+	0.023122
Hectd3	MmuINT0076935	chr4	1.17E+08	1.17E+08	+	0.017568
Hectd3	MmuINT0076936	chr4	1.17E+08	1.17E+08	+	0.012521
Hectd3	MmuINT0076937	chr4	1.17E+08	1.17E+08	+	0.017025
Hectd3	MmuINT0076938	chr4	1.17E+08	1.17E+08	+	0.020516
Hectd3	MmuINT0076939	chr4	1.17E+08	1.17E+08	+	0.035001
Hectd3	MmuINT0076940	chr4	1.17E+08	1.17E+08	+	0.065138
Hectd3	MmuINT0076941	chr4	1.17E+08	1.17E+08	+	0.009802
Hectd3	MmuINT0076942	chr4	1.17E+08	1.17E+08	+	0.02947
Hectd3	MmuINT0076943	chr4	1.17E+08	1.17E+08	+	0.018863
Hectd3	MmuINT0076944	chr4	1.17E+08	1.17E+08	+	0.017592
Hectd3	MmuINT0076945	chr4	1.17E+08	1.17E+08	+	0.013916
Hecw2	MmuINT0076978	chr1	53961279	53970084	-	0.058694
Hecw2	MmuINT0076979	chr1	53948105	53961092	-	0.054841
Hecw2	MmuINT0076981	chr1	53942270	53944426	-	0.056434
Hecw2	MmuINT0076984	chr1	53910134	53921884	-	0.044552
Hecw2	MmuINT0076985	chr1	54007766	54097044	-	0.064629
Hecw2	MmuINT0076986	chr1	53908531	53910012	-	0.045387
Hecw2	MmuINT0076987	chr1	53897711	53908416	-	0.046216
Hecw2	MmuINT0076988	chr1	53895955	53897557	-	0.056436
Hecw2	MmuINT0076989	chr1	53889596	53895855	-	0.046174
Hecw2	MmuINT0076990	chr1	53888501	53889465	-	0.032373
Hecw2	MmuINT0076991	chr1	53887601	53888353	-	0.036091

Hecw2	MmuINT0076992	chr1	53884815	53887485	-	0.045418
Hecw2	MmuINT0076993	chr1	53883833	53884728	-	0.050257
Hecw2	MmuINT0076994	chr1	53870178	53883719	-	0.083382
Hecw2	MmuINT0076995	chr1	53999645	54007657	-	0.048792
Hecw2	MmuINT0076996	chr1	53993978	53999549	-	0.064999
Hecw2	MmuINT0076998	chr1	53987954	53989962	-	0.049839
Heg1	MmuINT0077001	chr16	33684942	33710485	+	0.011598
Heg1	MmuINT0077002	chr16	33742583	33750537	+	0.011163
Heg1	MmuINT0077003	chr16	33750581	33751257	+	0.023499
Heg1	MmuINT0077004	chr16	33751296	33760843	+	0.017114
Heg1	MmuINT0077005	chr16	33760932	33763527	+	0.016234
Heg1	MmuINT0077006	chr16	33763703	33766746	+	0.015101
Heg1	MmuINT0077008	chr16	33725730	33726386	+	0.009973
Heg1	MmuINT0077009	chr16	33727683	33730562	+	0.008933
Heg1	MmuINT0077010	chr16	33730680	33731684	+	0.012084
Heg1	MmuINT0077011	chr16	33731805	33735626	+	0.010839
Heg1	MmuINT0077012	chr16	33735731	33738310	+	0.010506
Heg1	MmuINT0077013	chr16	33738370	33738648	+	0.008372
Heg1	MmuINT0077014	chr16	33738810	33742447	+	0.012099
Helb	MmuINT0077016	chr10	1.2E+08	1.2E+08	-	0.122269
Helb	MmuINT0077017	chr10	1.2E+08	1.2E+08	-	0.030506
Helb	MmuINT0077018	chr10	1.2E+08	1.2E+08	-	0.03706
Helb	MmuINT0077020	chr10	1.2E+08	1.2E+08	-	0.032898
Helb	MmuINT0077021	chr10	1.2E+08	1.2E+08	-	0.027656
Helb	MmuINT0077022	chr10	1.2E+08	1.2E+08	-	0.029703
Helb	MmuINT0077023	chr10	1.2E+08	1.2E+08	-	0.02939
Helb	MmuINT0077024	chr10	1.2E+08	1.2E+08	-	0.065352
Helb	MmuINT0077025	chr10	1.2E+08	1.2E+08	-	0.031179
Helb	MmuINT0077026	chr10	1.2E+08	1.2E+08	-	0.031371
Helq	MmuINT0077050	chr5	1.01E+08	1.01E+08	-	0.053984
Helq	MmuINT0077051	chr5	1.01E+08	1.01E+08	-	0.048835
Helq	MmuINT0077055	chr5	1.01E+08	1.01E+08	-	0.112519
Helq	MmuINT0077056	chr5	1.01E+08	1.01E+08	-	0.036955
Helq	MmuINT0077059	chr5	1.01E+08	1.01E+08	-	0.057975
Helq	MmuINT0077063	chr5	1.01E+08	1.01E+08	-	0.076269
Helz	MmuINT0077068	chr11	1.07E+08	1.07E+08	+	0.051261
Helz	MmuINT0077069	chr11	1.07E+08	1.07E+08	+	0.041186
Helz	MmuINT0077070	chr11	1.07E+08	1.07E+08	+	0.03373
Helz	MmuINT0077071	chr11	1.07E+08	1.07E+08	+	0.035583
Helz	MmuINT0077072	chr11	1.07E+08	1.07E+08	+	0.041
Helz	MmuINT0077073	chr11	1.07E+08	1.07E+08	+	0.046962
Helz	MmuINT0077075	chr11	1.07E+08	1.07E+08	+	0.063435
Helz	MmuINT0077076	chr11	1.07E+08	1.07E+08	+	0.040872
Helz	MmuINT0077077	chr11	1.07E+08	1.07E+08	+	0.05039
Helz	MmuINT0077078	chr11	1.07E+08	1.07E+08	+	0.051425
Helz	MmuINT0077080	chr11	1.07E+08	1.08E+08	+	0.022012
Helz	MmuINT0077081	chr11	1.08E+08	1.08E+08	+	0.024187
Helz	MmuINT0077082	chr11	1.08E+08	1.08E+08	+	0.02559
Helz	MmuINT0077083	chr11	1.08E+08	1.08E+08	+	0.037169
Helz	MmuINT0077084	chr11	1.08E+08	1.08E+08	+	0.039918

Helz	MmuINT0077085	chr11	1.08E+08	1.08E+08	+	0.027706
Helz	MmuINT0077086	chr11	1.08E+08	1.08E+08	+	0.033339
Helz	MmuINT0077087	chr11	1.08E+08	1.08E+08	+	0.03671
Helz	MmuINT0077088	chr11	1.08E+08	1.08E+08	+	0.045069
Helz	MmuINT0077089	chr11	1.08E+08	1.08E+08	+	0.039176
Helz	MmuINT0077090	chr11	1.07E+08	1.07E+08	+	0.062803
Helz	MmuINT0077091	chr11	1.08E+08	1.08E+08	+	0.024214
Helz	MmuINT0077092	chr11	1.08E+08	1.08E+08	+	0.020361
Helz	MmuINT0077096	chr11	1.07E+08	1.07E+08	+	0.052199
Helz	MmuINT0077097	chr11	1.07E+08	1.07E+08	+	0.034217
Helz	MmuINT0077098	chr11	1.07E+08	1.07E+08	+	0.046128
Hemk1	MmuINT0077102	chr9	1.07E+08	1.07E+08	-	0.022532
Hemk1	MmuINT0077103	chr9	1.07E+08	1.07E+08	-	0.010164
Hemk1	MmuINT0077104	chr9	1.07E+08	1.07E+08	-	0.03072
Hemk1	MmuINT0077105	chr9	1.07E+08	1.07E+08	-	0.024739
Hemk1	MmuINT0077106	chr9	1.07E+08	1.07E+08	-	0.047785
Hemk1	MmuINT0077107	chr9	1.07E+08	1.07E+08	-	0.028726
Hemk1	MmuINT0077108	chr9	1.07E+08	1.07E+08	-	0.082762
Hemk1	MmuINT0077109	chr9	1.07E+08	1.07E+08	-	0.175276
Hemk1	MmuINT0077110	chr9	1.07E+08	1.07E+08	-	0.04052
Hemk1	MmuINT0077111	chr9	1.07E+08	1.07E+08	-	0.040658
Herc1	MmuINT0077169	chr9	66198429	66219592	+	0.038569
Herc1	MmuINT0077170	chr9	66242907	66244442	+	0.041675
Herc1	MmuINT0077173	chr9	66245771	66247064	+	0.037242
Herc1	MmuINT0077179	chr9	66258997	66261881	+	0.045398
Herc1	MmuINT0077180	chr9	66220549	66224123	+	0.121046
Herc1	MmuINT0077182	chr9	66262207	66263990	+	0.03455
Herc1	MmuINT0077183	chr9	66264163	66266202	+	0.023854
Herc1	MmuINT0077187	chr9	66276887	66281082	+	0.025428
Herc1	MmuINT0077188	chr9	66281299	66281530	+	0.029862
Herc1	MmuINT0077189	chr9	66281652	66281872	+	0.025752
Herc1	MmuINT0077190	chr9	66282111	66282217	+	0.026611
Herc1	MmuINT0077191	chr9	66224220	66232799	+	0.047086
Herc1	MmuINT0077192	chr9	66282406	66285401	+	0.031232
Herc1	MmuINT0077194	chr9	66287092	66287602	+	0.026006
Herc1	MmuINT0077195	chr9	66287714	66289709	+	0.042915
Herc1	MmuINT0077196	chr9	66289887	66293259	+	0.02266
Herc1	MmuINT0077197	chr9	66293500	66293891	+	0.025631
Herc1	MmuINT0077198	chr9	66293976	66295818	+	0.024147
Herc1	MmuINT0077199	chr9	66296340	66298509	+	0.069016
Herc1	MmuINT0077200	chr9	66299286	66301143	+	0.028286
Herc1	MmuINT0077201	chr9	66301343	66303742	+	0.016483
Herc1	MmuINT0077203	chr9	66303904	66305243	+	0.015735
Herc1	MmuINT0077204	chr9	66305361	66306000	+	0.018034
Herc1	MmuINT0077205	chr9	66306233	66308214	+	0.016462
Herc1	MmuINT0077206	chr9	66308340	66309506	+	0.019786
Herc1	MmuINT0077208	chr9	66310905	66312512	+	0.019959
Herc1	MmuINT0077209	chr9	66312566	66313187	+	0.028143
Herc1	MmuINT0077210	chr9	66313389	66314305	+	0.024748
Herc1	MmuINT0077211	chr9	66314481	66315189	+	0.018131



Herc1	MmuINT0077212	chr9	66315461	66315566	+	0.016744
Herc1	MmuINT0077214	chr9	66315781	66316784	+	0.128229
Herc1	MmuINT0077215	chr9	66316991	66318044	+	0.020487
Herc1	MmuINT0077216	chr9	66318173	66319652	+	0.020105
Herc1	MmuINT0077217	chr9	66319781	66321189	+	0.016536
Herc1	MmuINT0077218	chr9	66321391	66322540	+	0.012746
Herc1	MmuINT0077219	chr9	66322672	66323727	+	0.01466
Herc1	MmuINT0077220	chr9	66323928	66324134	+	0.018207
Herc1	MmuINT0077221	chr9	66324241	66326751	+	0.013958
Herc1	MmuINT0077222	chr9	66326899	66327237	+	0.013074
Herc1	MmuINT0077223	chr9	66327340	66328668	+	0.016483
Herc1	MmuINT0077225	chr9	66328843	66329610	+	0.019693
Herc1	MmuINT0077226	chr9	66329905	66331463	+	0.020252
Herc1	MmuINT0077227	chr9	66331530	66331684	+	0.023673
Herc1	MmuINT0077228	chr9	66331811	66332705	+	0.010119
Herc1	MmuINT0077229	chr9	66332845	66333873	+	0.017358
Herc1	MmuINT0077230	chr9	66334056	66334730	+	0.032309
Herc1	MmuINT0077231	chr9	66334887	66335755	+	0.014651
Herc1	MmuINT0077232	chr9	66335879	66337136	+	0.015501
Herc1	MmuINT0077233	chr9	66337240	66339764	+	0.013359
Herc1	MmuINT0077234	chr9	66339935	66340962	+	0.010119
Herc1	MmuINT0077236	chr9	66341102	66343706	+	0.039603
Herc1	MmuINT0077237	chr9	66343877	66344975	+	0.041023
Herc1	MmuINT0077238	chr9	66345146	66345395	+	0.013652
Herc1	MmuINT0077239	chr9	66345562	66346486	+	0.014228
Herc1	MmuINT0077240	chr9	66346564	66348982	+	0.03937
Herc1	MmuINT0077241	chr9	66349236	66349736	+	0.016483
Herc1	MmuINT0077242	chr9	66349890	66352394	+	0.011845
Herc1	MmuINT0077243	chr9	66352701	66355945	+	0.025785
Herc2	MmuINT0077247	chr7	63349809	63352746	+	0.038112
Herc2	MmuINT0077248	chr7	63352936	63353704	+	0.038791
Herc2	MmuINT0077249	chr7	63353857	63355448	+	0.042245
Herc2	MmuINT0077250	chr7	63355607	63355697	+	0.050814
Herc2	MmuINT0077251	chr7	63355812	63359097	+	0.035103
Herc2	MmuINT0077252	chr7	63359350	63361708	+	0.048153
Herc2	MmuINT0077254	chr7	63364257	63368414	+	0.050128
Herc2	MmuINT0077255	chr7	63368644	63368767	+	0.049661
Herc2	MmuINT0077256	chr7	63368893	63370071	+	0.025658
Herc2	MmuINT0077257	chr7	63306319	63323353	+	0.046809
Herc2	MmuINT0077268	chr7	63323469	63327662	+	0.038443
Herc2	MmuINT0077269	chr7	63391052	63391956	+	0.026113
Herc2	MmuINT0077272	chr7	63392976	63393089	+	0.036503
Herc2	MmuINT0077273	chr7	63393242	63394148	+	0.032705
Herc2	MmuINT0077274	chr7	63394341	63401133	+	0.025543
Herc2	MmuINT0077277	chr7	63404192	63407812	+	0.035927
Herc2	MmuINT0077278	chr7	63407995	63408413	+	0.033326
Herc2	MmuINT0077279	chr7	63327801	63340358	+	0.09347
Herc2	MmuINT0077281	chr7	63408833	63409146	+	0.022956
Herc2	MmuINT0077282	chr7	63409378	63410384	+	0.020015
Herc2	MmuINT0077283	chr7	63410524	63411756	+	0.028188

Herc2	MmuINT0077284	chr7	63411901	63412229	+	0.039185
Herc2	MmuINT0077285	chr7	63412373	63412660	+	0.031353
Herc2	MmuINT0077286	chr7	63412929	63413017	+	0.029517
Herc2	MmuINT0077287	chr7	63413155	63414743	+	0.016685
Herc2	MmuINT0077288	chr7	63414843	63419111	+	0.022865
Herc2	MmuINT0077289	chr7	63419281	63419378	+	0.027973
Herc2	MmuINT0077291	chr7	63419505	63420284	+	0.037015
Herc2	MmuINT0077292	chr7	63420394	63420507	+	0.051267
Herc2	MmuINT0077293	chr7	63420648	63424195	+	0.020473
Herc2	MmuINT0077294	chr7	63424387	63425755	+	0.02381
Herc2	MmuINT0077295	chr7	63425862	63425944	+	0.038997
Herc2	MmuINT0077296	chr7	63426037	63433194	+	0.026995
Herc2	MmuINT0077297	chr7	63433371	63436438	+	0.022135
Herc2	MmuINT0077298	chr7	63436551	63437774	+	0.026546
Herc2	MmuINT0077299	chr7	63437857	63437949	+	0.024665
Herc2	MmuINT0077300	chr7	63438094	63439311	+	0.017971
Herc2	MmuINT0077302	chr7	63439403	63439675	+	0.015138
Herc2	MmuINT0077303	chr7	63439854	63439995	+	0.018206
Herc2	MmuINT0077304	chr7	63440078	63440162	+	0.015439
Herc2	MmuINT0077305	chr7	63440335	63441204	+	0.017504
Herc2	MmuINT0077306	chr7	63441350	63443930	+	0.012696
Herc2	MmuINT0077307	chr7	63444157	63445173	+	0.017942
Herc2	MmuINT0077308	chr7	63445346	63446536	+	0.019808
Herc2	MmuINT0077309	chr7	63446724	63447163	+	0.016991
Herc2	MmuINT0077310	chr7	63447305	63449579	+	0.013734
Herc2	MmuINT0077311	chr7	63449772	63452425	+	0.01971
Herc2	MmuINT0077312	chr7	63343784	63346284	+	0.052145
Herc2	MmuINT0077313	chr7	63452580	63457470	+	0.029558
Herc2	MmuINT0077314	chr7	63457579	63459145	+	0.058111
Herc2	MmuINT0077315	chr7	63459278	63459755	+	0.029145
Herc2	MmuINT0077316	chr7	63459915	63460003	+	0.02728
Herc2	MmuINT0077317	chr7	63460123	63460681	+	0.019618
Herc2	MmuINT0077318	chr7	63460808	63461237	+	0.015165
Herc2	MmuINT0077319	chr7	63461394	63461891	+	0.014138
Herc2	MmuINT0077320	chr7	63462008	63462097	+	0.01279
Herc2	MmuINT0077321	chr7	63462297	63463061	+	0.013755
Herc2	MmuINT0077322	chr7	63463277	63468190	+	0.01344
Herc2	MmuINT0077324	chr7	63468369	63468811	+	0.011221
Herc2	MmuINT0077325	chr7	63468974	63470722	+	0.016725
Herc2	MmuINT0077326	chr7	63470815	63471216	+	0.015352
Herc2	MmuINT0077327	chr7	63471357	63475074	+	0.019192
Herc2	MmuINT0077328	chr7	63475263	63475846	+	0.011101
Herc2	MmuINT0077329	chr7	63476045	63478279	+	0.012535
Herc2	MmuINT0077330	chr7	63478364	63481888	+	0.011802
Herc2	MmuINT0077331	chr7	63482031	63482207	+	0.015192
Herc2	MmuINT0077332	chr7	63482403	63483171	+	0.013896
Herc2	MmuINT0077333	chr7	63483285	63483798	+	0.014912
Herc2	MmuINT0077334	chr7	63348081	63349634	+	0.045656
Herc2	MmuINT0077335	chr7	63483990	63484653	+	0.025095
Herc2	MmuINT0077336	chr7	63484760	63485030	+	0.040582

Herc2	MmulINT0077337	chr7	63485244	63486229	+	0.011014
Herc3	MmulINT0077339	chr6	58818761	58820147	+	0.012598
Herc3	MmulINT0077340	chr6	58820208	58823727	+	0.009352
Herc3	MmulINT0077341	chr6	58823840	58824204	+	0.005635
Herc3	MmulINT0077342	chr6	58824395	58826482	+	0.018082
Herc3	MmulINT0077343	chr6	58826647	58826761	+	0.005281
Herc3	MmulINT0077344	chr6	58826876	58834943	+	0.007212
Herc3	MmulINT0077345	chr6	58834968	58835061	+	0.004563
Herc3	MmulINT0077346	chr6	58835152	58837401	+	0.015118
Herc3	MmulINT0077347	chr6	58837573	58838613	+	0.008818
Herc3	MmulINT0077348	chr6	58838758	58840061	+	0.006259
Herc3	MmulINT0077349	chr6	58793853	58804866	+	0.007676
Herc3	MmulINT0077350	chr6	58840229	58844041	+	0.006909
Herc3	MmulINT0077351	chr6	58844109	58844535	+	0.00583
Herc3	MmulINT0077352	chr6	58844619	58866405	+	0.008951
Herc3	MmulINT0077353	chr6	58866590	58866775	+	0.008944
Herc3	MmulINT0077354	chr6	58866879	58868706	+	0.005271
Herc3	MmulINT0077355	chr6	58805027	58805731	+	0.00997
Herc3	MmulINT0077356	chr6	58805809	58806586	+	0.014993
Herc3	MmulINT0077357	chr6	58806809	58807688	+	0.010695
Herc3	MmulINT0077358	chr6	58807781	58808946	+	0.010851
Herc3	MmulINT0077359	chr6	58809078	58810245	+	0.008585
Herc3	MmulINT0077360	chr6	58810407	58812966	+	0.11459
Herc3	MmulINT0077361	chr6	58813044	58818635	+	0.008927
Herc4	MmulINT0077362	chr10	62706912	62708165	+	0.01659
Herc4	MmulINT0077363	chr10	62748477	62748764	+	0.009671
Herc4	MmulINT0077364	chr10	62748890	62750266	+	0.015829
Herc4	MmulINT0077365	chr10	62750327	62750645	+	0.013631
Herc4	MmulINT0077366	chr10	62750758	62751799	+	0.014324
Herc4	MmulINT0077367	chr10	62751990	62753251	+	0.015245
Herc4	MmulINT0077368	chr10	62753425	62761867	+	0.016837
Herc4	MmulINT0077369	chr10	62761988	62769095	+	0.10658
Herc4	MmulINT0077370	chr10	62769195	62770489	+	0.008136
Herc4	MmulINT0077371	chr10	62770658	62771054	+	0.006308
Herc4	MmulINT0077372	chr10	62771199	62774214	+	0.017866
Herc4	MmulINT0077373	chr10	62708197	62708569	+	0.011658
Herc4	MmulINT0077374	chr10	62774382	62774595	+	0.0177
Herc4	MmulINT0077375	chr10	62774663	62777234	+	0.011866
Herc4	MmulINT0077376	chr10	62777318	62778407	+	0.020823
Herc4	MmulINT0077377	chr10	62778592	62779447	+	0.033387
Herc4	MmulINT0077378	chr10	62779551	62780027	+	0.095675
Herc4	MmulINT0077379	chr10	62708874	62726773	+	0.013306
Herc4	MmulINT0077380	chr10	62726934	62732375	+	0.010742
Herc4	MmulINT0077381	chr10	62732453	62736198	+	0.013418
Herc4	MmulINT0077382	chr10	62736421	62737744	+	0.014672
Herc4	MmulINT0077383	chr10	62737837	62741082	+	0.013583
Herc4	MmulINT0077384	chr10	62741214	62745928	+	0.017186
Herc4	MmulINT0077385	chr10	62746090	62748399	+	0.024183
Herc6	MmulINT0077387	chr6	57561829	57568606	+	0.069398
Herc6	MmulINT0077388	chr6	57568701	57569438	+	0.063161

Herc6	MmuINT0077398	chr6	57610156	57612059	+	0.088852
Herc6	MmuINT0077404	chr6	57554195	57557035	+	0.387507
Herc6	MmuINT0077406	chr6	57557702	57560796	+	0.288374
Herc6	MmuINT0077407	chr6	57560916	57561768	+	0.057919
Herpud1	MmuINT0077408	chr8	96910639	96913255	+	0.001754
Herpud1	MmuINT0077409	chr8	96913334	96913420	+	0.00135
Herpud1	MmuINT0077410	chr8	96913496	96914617	+	0.001777
Herpud1	MmuINT0077411	chr8	96914749	96915631	+	0.00177
Herpud1	MmuINT0077412	chr8	96915755	96916073	+	0.002081
Herpud1	MmuINT0077413	chr8	96916425	96917695	+	0.01989
Herpud1	MmuINT0077414	chr8	96917802	96918490	+	0.002923
Herpud2	MmuINT0077415	chr9	24937720	24955318	-	0.03654
Herpud2	MmuINT0077416	chr9	24935097	24937641	-	0.006535
Herpud2	MmuINT0077418	chr9	24918388	24929315	-	0.006936
Herpud2	MmuINT0077419	chr9	24915179	24918264	-	0.008288
Herpud2	MmuINT0077420	chr9	24913999	24914854	-	0.043832
Herpud2	MmuINT0077421	chr9	24913450	24913883	-	0.019264
Hes1	MmuINT0077422	chr16	30065785	30065916	+	0.030742
Hes1	MmuINT0077423	chr16	30066013	30066248	+	0.05602
Hes1	MmuINT0077424	chr16	30066337	30066957	+	0.06737
Hes6	MmuINT0077435	chr1	93309557	93309633	-	0.009231
Hes6	MmuINT0077436	chr1	93309380	93309469	-	0.012659
Hes6	MmuINT0077437	chr1	93309060	93309297	-	0.105365
Hexa	MmuINT0077444	chr9	59387784	59401939	+	0.003371
Hexa	MmuINT0077445	chr9	59410176	59410673	+	0.053393
Hexa	MmuINT0077446	chr9	59410858	59411030	+	0.002712
Hexa	MmuINT0077447	chr9	59411122	59411689	+	0.020725
Hexa	MmuINT0077448	chr9	59411795	59412627	+	0.009272
Hexa	MmuINT0077449	chr9	59402033	59403145	+	0.01294
Hexa	MmuINT0077450	chr9	59403212	59404678	+	0.020749
Hexa	MmuINT0077451	chr9	59404726	59405094	+	0.00716
Hexa	MmuINT0077452	chr9	59405206	59405840	+	0.008199
Hexa	MmuINT0077453	chr9	59405943	59407130	+	0.014561
Hexa	MmuINT0077454	chr9	59407264	59408703	+	0.009244
Hexa	MmuINT0077455	chr9	59408885	59409749	+	0.00738
Hexa	MmuINT0077456	chr9	59409834	59410102	+	0.036284
Hexb	MmuINT0077457	chr13	97964223	97967980	-	0.015813
Hexb	MmuINT0077458	chr13	97947102	97947834	-	0.056951
Hexb	MmuINT0077459	chr13	97946857	97947010	-	0.068882
Hexb	MmuINT0077460	chr13	97946545	97946751	-	0.101872
Hexb	MmuINT0077461	chr13	97961234	97964076	-	0.018822
Hexb	MmuINT0077462	chr13	97959308	97961167	-	0.018063
Hexb	MmuINT0077463	chr13	97959028	97959260	-	0.027072
Hexb	MmuINT0077464	chr13	97955625	97958916	-	0.019403
Hexb	MmuINT0077465	chr13	97953762	97955522	-	0.012545
Hexb	MmuINT0077466	chr13	97951969	97953631	-	0.021536
Hexb	MmuINT0077467	chr13	97949372	97951036	-	0.082613
Hexdc	MmuINT0077468	chr11	1.21E+08	1.21E+08	+	0.54746
Hexdc	MmuINT0077469	chr11	1.21E+08	1.21E+08	+	0.283046
Hexdc	MmuINT0077470	chr11	1.21E+08	1.21E+08	+	0.351038

Hexdc	MmuINT0077471	chr11	1.21E+08	1.21E+08	+	0.060594
Hexdc	MmuINT0077472	chr11	1.21E+08	1.21E+08	+	0.023477
Hexdc	MmuINT0077474	chr11	1.21E+08	1.21E+08	+	0.024728
Hexdc	MmuINT0077475	chr11	1.21E+08	1.21E+08	+	0.030451
Hexdc	MmuINT0077476	chr11	1.21E+08	1.21E+08	+	0.017447
Hexdc	MmuINT0077477	chr11	1.21E+08	1.21E+08	+	0.041815
Hexim2	MmuINT0077479	chr11	1.03E+08	1.03E+08	+	0.057722
Hey1	MmuINT0077481	chr3	8666578	8666781	-	0.060603
Hey1	MmuINT0077482	chr3	8666356	8666501	-	0.11589
Hey1	MmuINT0077484	chr3	8665065	8665944	-	0.092201
Hey2	MmuINT0077485	chr10	30560489	30562371	-	0.079917
Hey2	MmuINT0077487	chr10	30557363	30560196	-	0.045699
Heyl	MmuINT0077489	chr4	1.23E+08	1.23E+08	+	0.048741
Heyl	MmuINT0077490	chr4	1.23E+08	1.23E+08	+	0.048573
Heyl	MmuINT0077492	chr4	1.23E+08	1.23E+08	+	0.079372
Hfe	MmuINT0077493	chr13	23800161	23802495	-	0.102418
Hfe	MmuINT0077494	chr13	23798936	23799896	-	0.005788
Hfe	MmuINT0077495	chr13	23798006	23798635	-	0.010091
Hfe	MmuINT0077496	chr13	23797604	23797729	-	0.00558
Hfe	MmuINT0077497	chr13	23796296	23797492	-	0.00917
Hfe2	MmuINT0077498	chr3	96329254	96330351	+	0.372746
Hfe2	MmuINT0077499	chr3	96330526	96330957	+	0.014013
Hfe2	MmuINT0077500	chr3	96331506	96331986	+	0.035054
Hgs	MmuINT0077586	chr11	1.2E+08	1.2E+08	+	0.013071
Hgs	MmuINT0077587	chr11	1.2E+08	1.2E+08	+	0.013934
Hgs	MmuINT0077588	chr11	1.2E+08	1.2E+08	+	0.039965
Hgs	MmuINT0077589	chr11	1.2E+08	1.2E+08	+	0.019195
Hgs	MmuINT0077590	chr11	1.2E+08	1.2E+08	+	0.008953
Hgs	MmuINT0077591	chr11	1.2E+08	1.2E+08	+	0.015232
Hgs	MmuINT0077592	chr11	1.2E+08	1.2E+08	+	0.011986
Hgs	MmuINT0077593	chr11	1.2E+08	1.2E+08	+	0.009133
Hgs	MmuINT0077594	chr11	1.2E+08	1.2E+08	+	0.026987
Hgs	MmuINT0077595	chr11	1.2E+08	1.2E+08	+	0.012589
Hgs	MmuINT0077596	chr11	1.2E+08	1.2E+08	+	0.012632
Hgs	MmuINT0077597	chr11	1.2E+08	1.2E+08	+	0.040678
Hgs	MmuINT0077598	chr11	1.2E+08	1.2E+08	+	0.128986
Hgs	MmuINT0077599	chr11	1.2E+08	1.2E+08	+	0.023399
Hgs	MmuINT0077600	chr11	1.2E+08	1.2E+08	+	0.008934
Hgs	MmuINT0077601	chr11	1.2E+08	1.2E+08	+	0.012936
Hgs	MmuINT0077602	chr11	1.2E+08	1.2E+08	+	0.031311
Hgs	MmuINT0077603	chr11	1.2E+08	1.2E+08	+	0.015606
Hgs	MmuINT0077604	chr11	1.2E+08	1.2E+08	+	0.027217
Hgs	MmuINT0077605	chr11	1.2E+08	1.2E+08	+	0.010856
Hgsnat	MmuINT0077606	chr8	27083430	27086996	-	0.031077
Hgsnat	MmuINT0077607	chr8	27066262	27067661	-	0.011698
Hgsnat	MmuINT0077608	chr8	27065200	27066145	-	0.025252
Hgsnat	MmuINT0077609	chr8	27063880	27065077	-	0.050237
Hgsnat	MmuINT0077610	chr8	27062528	27063752	-	0.059587
Hgsnat	MmuINT0077611	chr8	27058484	27062440	-	0.01897
Hgsnat	MmuINT0077612	chr8	27056990	27058405	-	0.014617

Hgsnat	MmuINT0077613	chr8	27056821	27056918	-	0.008192
Hgsnat	MmuINT0077614	chr8	27055788	27056707	-	0.015849
Hgsnat	MmuINT0077615	chr8	27082175	27083313	-	0.011982
Hgsnat	MmuINT0077616	chr8	27081641	27082037	-	0.012372
Hgsnat	MmuINT0077617	chr8	27078905	27081518	-	0.017209
Hgsnat	MmuINT0077618	chr8	27075336	27078834	-	0.01788
Hgsnat	MmuINT0077619	chr8	27073931	27075265	-	0.019238
Hgsnat	MmuINT0077620	chr8	27071375	27073826	-	0.016944
Hgsnat	MmuINT0077621	chr8	27070086	27071297	-	0.023506
Hgsnat	MmuINT0077622	chr8	27067823	27070054	-	0.017184
Hhatl	MmuINT0077636	chr9	1.22E+08	1.22E+08	-	0.038931
Hhatl	MmuINT0077637	chr9	1.22E+08	1.22E+08	-	0.026028
Hhatl	MmuINT0077638	chr9	1.22E+08	1.22E+08	-	0.005455
Hhatl	MmuINT0077639	chr9	1.22E+08	1.22E+08	-	0.004386
Hhatl	MmuINT0077640	chr9	1.22E+08	1.22E+08	-	0.001929
Hhatl	MmuINT0077641	chr9	1.22E+08	1.22E+08	-	0.002893
Hhatl	MmuINT0077642	chr9	1.22E+08	1.22E+08	-	0.014025
Hhatl	MmuINT0077643	chr9	1.22E+08	1.22E+08	-	0.012193
Hhatl	MmuINT0077644	chr9	1.22E+08	1.22E+08	-	0.014894
Hhatl	MmuINT0077645	chr9	1.22E+08	1.22E+08	-	0.030246
Hhex	MmuINT0077646	chr19	37509724	37511678	+	0.135774
Hhex	MmuINT0077647	chr19	37511858	37512056	+	0.066939
Hiat1	MmuINT0077685	chr3	1.16E+08	1.16E+08	-	0.013841
Hiat1	MmuINT0077686	chr3	1.16E+08	1.16E+08	-	0.126289
Hiat1	MmuINT0077687	chr3	1.16E+08	1.16E+08	-	0.06485
Hiat1	MmuINT0077688	chr3	1.16E+08	1.16E+08	-	0.01809
Hiat1	MmuINT0077689	chr3	1.16E+08	1.16E+08	-	0.02096
Hiat1	MmuINT0077690	chr3	1.16E+08	1.16E+08	-	0.011767
Hiat1	MmuINT0077691	chr3	1.16E+08	1.16E+08	-	0.016935
Hiat1	MmuINT0077692	chr3	1.16E+08	1.16E+08	-	0.013741
Hiat1	MmuINT0077693	chr3	1.16E+08	1.16E+08	-	0.018749
Hiat1	MmuINT0077694	chr3	1.16E+08	1.16E+08	-	0.036668
Hiat1	MmuINT0077695	chr3	1.16E+08	1.16E+08	-	0.061934
Hiatl1	MmuINT0077697	chr13	65171050	65173312	-	0.041
Hiatl1	MmuINT0077698	chr13	65169314	65170951	-	0.020212
Hiatl1	MmuINT0077699	chr13	65168170	65169170	-	0.019469
Hiatl1	MmuINT0077700	chr13	65197023	65213811	-	0.031077
Hiatl1	MmuINT0077701	chr13	65188460	65196926	-	0.038284
Hiatl1	MmuINT0077702	chr13	65182836	65188396	-	0.047601
Hiatl1	MmuINT0077703	chr13	65179777	65182707	-	0.015844
Hiatl1	MmuINT0077704	chr13	65177011	65179661	-	0.019058
Hiatl1	MmuINT0077705	chr13	65176408	65176791	-	0.019395
Hiatl1	MmuINT0077706	chr13	65174936	65176293	-	0.084886
Hiatl1	MmuINT0077707	chr13	65173426	65174863	-	0.048639
Hibadh	MmuINT0077708	chr6	52580344	52590154	-	0.000913
Hibadh	MmuINT0077709	chr6	52572955	52580182	-	0.000493
Hibadh	MmuINT0077710	chr6	52570093	52572844	-	0.0007
Hibadh	MmuINT0077711	chr6	52507907	52569970	-	0.000641
Hibadh	MmuINT0077712	chr6	52506509	52507772	-	0.000947
Hibadh	MmuINT0077713	chr6	52498966	52506431	-	0.000666

Hibch	MmuINT0077715	chr1	52901989	52910511	+	0.003824
Hibch	MmuINT0077716	chr1	52961545	52962214	+	0.000654
Hibch	MmuINT0077717	chr1	52962297	52970574	+	0.002337
Hibch	MmuINT0077718	chr1	52970695	52973480	+	0.002283
Hibch	MmuINT0077719	chr1	52973515	52977106	+	0.001665
Hibch	MmuINT0077720	chr1	52910555	52916871	+	0.001559
Hibch	MmuINT0077721	chr1	52917010	52919111	+	0.001656
Hibch	MmuINT0077722	chr1	52919197	52922392	+	0.001729
Hibch	MmuINT0077723	chr1	52922474	52925749	+	0.000166
Hibch	MmuINT0077724	chr1	52925803	52941946	+	0.003246
Hibch	MmuINT0077725	chr1	52942026	52958031	+	0.000534
Hibch	MmuINT0077726	chr1	52958178	52959690	+	0.00654
Hibch	MmuINT0077727	chr1	52959778	52961485	+	0.001719
Hic1	MmuINT0077729	chr11	74981047	74982504	-	0.072649
Hif1a	MmuINT0077732	chr12	75009312	75027543	+	0.006966
Hif1a	MmuINT0077733	chr12	75041619	75042674	+	0.024554
Hif1a	MmuINT0077734	chr12	75042840	75042947	+	0.007044
Hif1a	MmuINT0077735	chr12	75043373	75045065	+	0.009483
Hif1a	MmuINT0077736	chr12	75045175	75045897	+	0.009452
Hif1a	MmuINT0077737	chr12	75046025	75046538	+	0.014259
Hif1a	MmuINT0077738	chr12	75027735	75028972	+	0.006595
Hif1a	MmuINT0077739	chr12	75029119	75029200	+	0.028923
Hif1a	MmuINT0077740	chr12	75029286	75031643	+	0.025618
Hif1a	MmuINT0077741	chr12	75031757	75033260	+	0.009915
Hif1a	MmuINT0077742	chr12	75033464	75037176	+	0.013438
Hif1a	MmuINT0077743	chr12	75037284	75038639	+	0.003548
Hif1a	MmuINT0077744	chr12	75038788	75040515	+	0.029167
Hif1a	MmuINT0077745	chr12	75040737	75041334	+	0.065496
Hif1an	MmuINT0077746	chr19	44637545	44637779	+	0.004247
Hif1an	MmuINT0077747	chr19	44638031	44640367	+	0.005812
Hif1an	MmuINT0077748	chr19	44640517	44642824	+	0.005193
Hif1an	MmuINT0077749	chr19	44642971	44643893	+	0.006829
Hif1an	MmuINT0077750	chr19	44644001	44644382	+	0.023953
Hif1an	MmuINT0077751	chr19	44644447	44644716	+	0.006431
Hif1an	MmuINT0077752	chr19	44644828	44645603	+	0.006302
Higd1b	MmuINT0077768	chr11	1.03E+08	1.03E+08	+	0.011774
Higd1b	MmuINT0077769	chr11	1.03E+08	1.03E+08	+	0.09427
Higd2a	MmuINT0077771	chr13	54691781	54692084	+	0.005853
Hinfp	MmuINT0077773	chr9	44107876	44110492	-	0.079675
Hinfp	MmuINT0077774	chr9	44107408	44107645	-	0.213733
Hinfp	MmuINT0077775	chr9	44107109	44107295	-	0.172075
Hinfp	MmuINT0077776	chr9	44106495	44106955	-	0.375465
Hinfp	MmuINT0077777	chr9	44106328	44106416	-	0.100099
Hinfp	MmuINT0077778	chr9	44106121	44106206	-	0.05238
Hinfp	MmuINT0077779	chr9	44105901	44105981	-	0.097367
Hinfp	MmuINT0077780	chr9	44104664	44105775	-	0.053887
Hint1	MmuINT0077781	chr11	54680103	54683349	+	0.002555
Hint2	MmuINT0077784	chr4	43667693	43667777	-	0.001453
Hint2	MmuINT0077785	chr4	43667458	43667587	-	0.010815
Hint2	MmuINT0077786	chr4	43667284	43667384	-	0.004523

Hint3	MmulNT0077787	chr10	30334637	30338008	-	0.00244
Hint3	MmulNT0077788	chr10	30331524	30334518	-	0.00589
Hint3	MmulNT0077789	chr10	30330250	30331453	-	0.005098
Hip1	MmulNT0077792	chr5	1.36E+08	1.36E+08	-	0.024236
Hip1	MmulNT0077793	chr5	1.36E+08	1.36E+08	-	0.019681
Hip1	MmulNT0077794	chr5	1.36E+08	1.36E+08	-	0.016609
Hip1	MmulNT0077795	chr5	1.36E+08	1.36E+08	-	0.020237
Hip1	MmulNT0077796	chr5	1.36E+08	1.36E+08	-	0.016571
Hip1	MmulNT0077797	chr5	1.36E+08	1.36E+08	-	0.015851
Hip1	MmulNT0077798	chr5	1.36E+08	1.36E+08	-	0.02484
Hip1	MmulNT0077799	chr5	1.36E+08	1.36E+08	-	0.014968
Hip1	MmulNT0077800	chr5	1.36E+08	1.36E+08	-	0.015363
Hip1	MmulNT0077801	chr5	1.36E+08	1.36E+08	-	0.046976
Hip1	MmulNT0077802	chr5	1.36E+08	1.36E+08	-	0.027776
Hip1	MmulNT0077803	chr5	1.36E+08	1.36E+08	-	0.032317
Hip1	MmulNT0077804	chr5	1.36E+08	1.36E+08	-	0.03774
Hip1	MmulNT0077805	chr5	1.36E+08	1.36E+08	-	0.059704
Hip1	MmulNT0077806	chr5	1.36E+08	1.36E+08	-	0.035975
Hip1	MmulNT0077807	chr5	1.36E+08	1.36E+08	-	0.094205
Hip1	MmulNT0077808	chr5	1.36E+08	1.36E+08	-	0.020444
Hip1	MmulNT0077809	chr5	1.36E+08	1.36E+08	-	0.031519
Hip1	MmulNT0077810	chr5	1.36E+08	1.36E+08	-	0.016034
Hip1	MmulNT0077811	chr5	1.36E+08	1.36E+08	-	0.020472
Hip1	MmulNT0077812	chr5	1.36E+08	1.36E+08	-	0.020694
Hip1	MmulNT0077813	chr5	1.36E+08	1.36E+08	-	0.03743
Hip1	MmulNT0077814	chr5	1.36E+08	1.36E+08	-	0.032497
Hip1	MmulNT0077815	chr5	1.36E+08	1.36E+08	-	0.029672
Hip1	MmulNT0077816	chr5	1.36E+08	1.36E+08	-	0.029724
Hip1	MmulNT0077817	chr5	1.36E+08	1.36E+08	-	0.034786
Hip1	MmulNT0077818	chr5	1.36E+08	1.36E+08	-	0.028205
Hip1	MmulNT0077819	chr5	1.36E+08	1.36E+08	-	0.02003
Hip1	MmulNT0077820	chr5	1.36E+08	1.36E+08	-	0.033907
Hip1r	MmulNT0077821	chr5	1.24E+08	1.24E+08	+	0.030187
Hip1r	MmulNT0077822	chr5	1.24E+08	1.24E+08	+	0.039501
Hip1r	MmulNT0077823	chr5	1.24E+08	1.24E+08	+	0.083322
Hip1r	MmulNT0077824	chr5	1.24E+08	1.24E+08	+	0.042276
Hip1r	MmulNT0077825	chr5	1.24E+08	1.24E+08	+	0.02563
Hip1r	MmulNT0077826	chr5	1.24E+08	1.24E+08	+	0.074295
Hip1r	MmulNT0077827	chr5	1.24E+08	1.24E+08	+	0.092584
Hip1r	MmulNT0077828	chr5	1.24E+08	1.24E+08	+	0.030735
Hip1r	MmulNT0077829	chr5	1.24E+08	1.24E+08	+	0.053354
Hip1r	MmulNT0077830	chr5	1.24E+08	1.24E+08	+	0.023886
Hip1r	MmulNT0077831	chr5	1.24E+08	1.24E+08	+	0.028104
Hip1r	MmulNT0077832	chr5	1.24E+08	1.24E+08	+	0.043011
Hip1r	MmulNT0077833	chr5	1.24E+08	1.24E+08	+	0.061997
Hip1r	MmulNT0077834	chr5	1.24E+08	1.24E+08	+	0.043928
Hip1r	MmulNT0077835	chr5	1.24E+08	1.24E+08	+	0.019844
Hip1r	MmulNT0077836	chr5	1.24E+08	1.24E+08	+	0.029775
Hip1r	MmulNT0077837	chr5	1.24E+08	1.24E+08	+	0.086822
Hip1r	MmulNT0077838	chr5	1.24E+08	1.24E+08	+	0.036885



Hip1r	MmulINT0077839	chr5	1.24E+08	1.24E+08	+	0.226839
Hip1r	MmulINT0077840	chr5	1.24E+08	1.24E+08	+	0.142543
Hip1r	MmulINT0077841	chr5	1.24E+08	1.24E+08	+	0.016057
Hip1r	MmulINT0077842	chr5	1.24E+08	1.24E+08	+	0.028545
Hip1r	MmulINT0077843	chr5	1.24E+08	1.24E+08	+	0.047103
Hip1r	MmulINT0077844	chr5	1.24E+08	1.24E+08	+	0.016724
Hip1r	MmulINT0077845	chr5	1.24E+08	1.24E+08	+	0.010947
Hip1r	MmulINT0077846	chr5	1.24E+08	1.24E+08	+	0.045064
Hip1r	MmulINT0077847	chr5	1.24E+08	1.24E+08	+	0.087598
Hip1r	MmulINT0077848	chr5	1.24E+08	1.24E+08	+	0.055997
Hip1r	MmulINT0077849	chr5	1.24E+08	1.24E+08	+	0.030056
Hip1r	MmulINT0077850	chr5	1.24E+08	1.24E+08	+	0.028293
Hip1r	MmulINT0077851	chr5	1.24E+08	1.24E+08	+	0.030941
Hipk1	MmulINT0077852	chr3	1.04E+08	1.04E+08	-	0.016828
Hipk1	MmulINT0077853	chr3	1.04E+08	1.04E+08	-	0.013309
Hipk1	MmulINT0077854	chr3	1.04E+08	1.04E+08	-	0.01542
Hipk1	MmulINT0077855	chr3	1.04E+08	1.04E+08	-	0.005723
Hipk1	MmulINT0077856	chr3	1.04E+08	1.04E+08	-	0.015725
Hipk1	MmulINT0077857	chr3	1.04E+08	1.04E+08	-	0.008547
Hipk1	MmulINT0077858	chr3	1.04E+08	1.04E+08	-	0.101698
Hipk1	MmulINT0077859	chr3	1.04E+08	1.04E+08	-	0.009128
Hipk1	MmulINT0077860	chr3	1.04E+08	1.04E+08	-	0.008483
Hipk1	MmulINT0077861	chr3	1.04E+08	1.04E+08	-	0.006948
Hipk1	MmulINT0077862	chr3	1.04E+08	1.04E+08	-	0.031238
Hipk1	MmulINT0077863	chr3	1.04E+08	1.04E+08	-	0.007144
Hipk1	MmulINT0077864	chr3	1.04E+08	1.04E+08	-	0.012861
Hipk1	MmulINT0077865	chr3	1.04E+08	1.04E+08	-	0.039251
Hipk1	MmulINT0077866	chr3	1.04E+08	1.04E+08	-	0.043959
Hipk2	MmulINT0077868	chr6	38769313	38825797	-	0.006813
Hipk2	MmulINT0077869	chr6	38666221	38668752	-	0.008371
Hipk2	MmulINT0077870	chr6	38653686	38665938	-	0.0038
Hipk2	MmulINT0077871	chr6	38649415	38653437	-	0.006217
Hipk2	MmulINT0077872	chr6	38697997	38768228	-	0.053125
Hipk2	MmulINT0077873	chr6	38697566	38697872	-	0.005499
Hipk2	MmulINT0077874	chr6	38695750	38697445	-	0.007845
Hipk2	MmulINT0077875	chr6	38693260	38695662	-	0.008258
Hipk2	MmulINT0077876	chr6	38687520	38693074	-	0.022616
Hipk2	MmulINT0077878	chr6	38671597	38679919	-	0.035733
Hipk3	MmulINT0077879	chr2	1.04E+08	1.04E+08	-	0.009324
Hipk3	MmulINT0077880	chr2	1.04E+08	1.04E+08	-	0.003099
Hipk3	MmulINT0077881	chr2	1.04E+08	1.04E+08	-	0.006331
Hipk3	MmulINT0077882	chr2	1.04E+08	1.04E+08	-	0.005202
Hipk3	MmulINT0077883	chr2	1.04E+08	1.04E+08	-	0.001927
Hipk3	MmulINT0077884	chr2	1.04E+08	1.04E+08	-	0.006428
Hipk3	MmulINT0077885	chr2	1.04E+08	1.04E+08	-	0.004
Hipk3	MmulINT0077886	chr2	1.04E+08	1.04E+08	-	0.002769
Hipk3	MmulINT0077887	chr2	1.04E+08	1.04E+08	-	0.002457
Hipk3	MmulINT0077888	chr2	1.04E+08	1.04E+08	-	0.002911
Hipk3	MmulINT0077889	chr2	1.04E+08	1.04E+08	-	0.002911
Hipk3	MmulINT0077890	chr2	1.04E+08	1.04E+08	-	0.002002

Hipk3	MmuINT0077891	chr2	1.04E+08	1.04E+08	-	0.002505
Hipk3	MmuINT0077892	chr2	1.04E+08	1.04E+08	-	0.007403
Hira	MmuINT0077897	chr16	18877613	18894866	+	0.01943
Hira	MmuINT0077898	chr16	18922481	18922946	+	0.016932
Hira	MmuINT0077899	chr16	18923053	18925740	+	0.013122
Hira	MmuINT0077900	chr16	18925957	18927530	+	0.019429
Hira	MmuINT0077901	chr16	18927617	18932960	+	0.349586
Hira	MmuINT0077902	chr16	18933156	18935110	+	0.016516
Hira	MmuINT0077903	chr16	18935273	18946438	+	0.02246
Hira	MmuINT0077904	chr16	18946641	18947506	+	0.035678
Hira	MmuINT0077905	chr16	18947612	18949228	+	0.040644
Hira	MmuINT0077906	chr16	18949378	18951267	+	0.042286
Hira	MmuINT0077907	chr16	18951430	18951749	+	0.056983
Hira	MmuINT0077908	chr16	18894930	18896546	+	0.028113
Hira	MmuINT0077909	chr16	18951809	18952156	+	0.069255
Hira	MmuINT0077910	chr16	18952263	18954087	+	0.033789
Hira	MmuINT0077911	chr16	18954211	18954702	+	0.039425
Hira	MmuINT0077912	chr16	18954867	18956261	+	0.030098
Hira	MmuINT0077913	chr16	18956351	18969532	+	0.028746
Hira	MmuINT0077914	chr16	18896658	18897790	+	0.01834
Hira	MmuINT0077915	chr16	18897882	18899455	+	0.017739
Hira	MmuINT0077916	chr16	18899551	18910740	+	0.016933
Hira	MmuINT0077917	chr16	18910837	18912138	+	0.018566
Hira	MmuINT0077918	chr16	18912300	18916532	+	0.012493
Hira	MmuINT0077919	chr16	18916701	18919068	+	0.015367
Hira	MmuINT0077920	chr16	18919183	18922409	+	0.020591
Hirip3	MmuINT0077921	chr7	1.34E+08	1.34E+08	+	0.233376
Hirip3	MmuINT0077922	chr7	1.34E+08	1.34E+08	+	0.323616
Hirip3	MmuINT0077923	chr7	1.34E+08	1.34E+08	+	0.101213
Hirip3	MmuINT0077924	chr7	1.34E+08	1.34E+08	+	0.294366
Hirip3	MmuINT0077925	chr7	1.34E+08	1.34E+08	+	0.396385
Hirip3	MmuINT0077926	chr7	1.34E+08	1.34E+08	+	0.221874
Hist1h2bc	MmuINT0077927	chr13	23776491	23784044	+	0.002073
Hivep1	MmuINT0077930	chr13	42147460	42150768	+	0.037076
Hivep1	MmuINT0077931	chr13	42150912	42218528	+	0.030397
Hivep1	MmuINT0077932	chr13	42218583	42249748	+	0.030488
Hivep1	MmuINT0077933	chr13	42255688	42258719	+	0.016243
Hivep1	MmuINT0077934	chr13	42258854	42259585	+	0.018579
Hivep1	MmuINT0077935	chr13	42259762	42262930	+	0.01136
Hivep1	MmuINT0077936	chr13	42263033	42276800	+	0.018492
Hivep1	MmuINT0077937	chr13	42277301	42278760	+	0.026675
Hivep2	MmuINT0077941	chr10	13852605	13853545	+	0.039229
Hivep2	MmuINT0077942	chr10	13853701	13859190	+	0.036494
Hivep2	MmuINT0077943	chr10	13859367	13862046	+	0.05131
Hivep2	MmuINT0077944	chr10	13862149	13862864	+	0.016681
Hivep2	MmuINT0077945	chr10	13863761	13868717	+	0.034478
Hjurp	MmuINT0077954	chr1	90171673	90173793	-	0.088092
Hjurp	MmuINT0077956	chr1	90166875	90169303	-	0.473704
Hjurp	MmuINT0077957	chr1	90165989	90166776	-	0.033161
Hk1	MmuINT0077962	chr10	61755218	61758450	-	0.001442

Hk1	MmuINT0077965	chr10	61749401	61752907	-	0.002911
Hk1	MmuINT0077966	chr10	61747598	61749095	-	0.001194
Hk1	MmuINT0077967	chr10	61747147	61747448	-	0.002137
Hk1	MmuINT0077968	chr10	61744655	61747026	-	0.001064
Hk1	MmuINT0077969	chr10	61743881	61744558	-	0.002363
Hk1	MmuINT0077970	chr10	61738613	61743780	-	0.004466
Hk1	MmuINT0077971	chr10	61737351	61738428	-	0.002323
Hk1	MmuINT0077973	chr10	61734571	61737194	-	0.003853
Hk1	MmuINT0077974	chr10	61732805	61734336	-	0.003818
Hk1	MmuINT0077977	chr10	61767617	61778133	-	0.00145
Hk1	MmuINT0077978	chr10	61762018	61767467	-	0.001688
Hk1	MmuINT0077979	chr10	61759521	61761897	-	0.001319
Hk1	MmuINT0077980	chr10	61758844	61759424	-	0.002045
Hk1	MmuINT0077981	chr10	61758635	61758743	-	0.001317
Hk2	MmuINT0077982	chr6	82710261	82723911	-	0.023168
Hk2	MmuINT0077984	chr6	82684962	82685240	-	0.00107
Hk2	MmuINT0077985	chr6	82682191	82684841	-	0.00383
Hk2	MmuINT0077986	chr6	82681142	82682094	-	0.002611
Hk2	MmuINT0077987	chr6	82680946	82681041	-	0.001276
Hk2	MmuINT0077988	chr6	82679695	82680761	-	0.002159
Hk2	MmuINT0077989	chr6	82678940	82679538	-	0.003463
Hk2	MmuINT0077990	chr6	82677449	82678705	-	0.005826
Hk2	MmuINT0077992	chr6	82694976	82699182	-	0.001539
Hk2	MmuINT0077993	chr6	82694035	82694855	-	0.002073
Hk2	MmuINT0077994	chr6	82693362	82693938	-	0.003469
Hk2	MmuINT0077995	chr6	82692981	82693261	-	0.001327
Hk2	MmuINT0077996	chr6	82689669	82692796	-	0.00167
Hk2	MmuINT0077997	chr6	82688515	82689512	-	0.002115
Hk2	MmuINT0077998	chr6	82686829	82688280	-	0.002984
Hlcs	MmuINT0078037	chr16	94452943	94484198	-	0.041922
Hlcs	MmuINT0078041	chr16	94354821	94356254	-	0.042756
Hlcs	MmuINT0078042	chr16	94353572	94354606	-	0.050695
Hlf	MmuINT0078043	chr11	90249436	90251563	-	0.012879
Hlf	MmuINT0078045	chr11	90202289	90207071	-	0.010189
Hltf	MmuINT0078046	chr3	20008872	20009308	+	0.014138
Hltf	MmuINT0078047	chr3	20009490	20013359	+	0.026523
Hltf	MmuINT0078048	chr3	20013441	20016457	+	0.008637
Hltf	MmuINT0078053	chr3	19983831	19986095	+	0.039368
Hltf	MmuINT0078058	chr3	19999956	20005644	+	0.017899
Hltf	MmuINT0078067	chr3	19974896	19976490	+	0.036267
Hlx	MmuINT0078068	chr1	1.87E+08	1.87E+08	-	0.058753
Hlx	MmuINT0078069	chr1	1.87E+08	1.87E+08	-	0.051764
Hlx	MmuINT0078070	chr1	1.87E+08	1.87E+08	-	0.033676
Hmbox1	MmuINT0078071	chr14	65522156	65568413	-	0.037302
Hmbox1	MmuINT0078072	chr14	65515964	65522075	-	0.022994
Hmbox1	MmuINT0078073	chr14	65506498	65515486	-	0.019881
Hmbox1	MmuINT0078074	chr14	65480464	65506411	-	0.024711
Hmbox1	MmuINT0078075	chr14	65470876	65480352	-	0.021711
Hmbox1	MmuINT0078076	chr14	65447506	65470721	-	0.021037
Hmbox1	MmuINT0078077	chr14	65445705	65447422	-	0.017009

Hmbox1	MmuINT0078078	chr14	65444530	65445608	-	0.056147
Hmbox1	MmuINT0078079	chr14	65442536	65444437	-	0.201873
Hmbs	MmuINT0078085	chr9	44149782	44150100	-	0.01517
Hmbs	MmuINT0078086	chr9	44149348	44149708	-	0.02351
Hmbs	MmuINT0078087	chr9	44149215	44149297	-	0.02408
Hmbs	MmuINT0078088	chr9	44148849	44149158	-	0.008207
Hmbs	MmuINT0078089	chr9	44147809	44148770	-	0.005702
Hmbs	MmuINT0078090	chr9	44147637	44147730	-	0.013733
Hmbs	MmuINT0078091	chr9	44146112	44147560	-	0.008203
Hmbs	MmuINT0078092	chr9	44145774	44145997	-	0.032292
Hmcn1	MmuINT0078118	chr1	1.53E+08	1.53E+08	-	0.053387
Hmcn1	MmuINT0078119	chr1	1.53E+08	1.53E+08	-	0.071286
Hmcn1	MmuINT0078120	chr1	1.53E+08	1.53E+08	-	0.062888
Hmg20a	MmuINT0078200	chr9	56266739	56315164	+	0.014165
Hmg20a	MmuINT0078201	chr9	56315258	56322337	+	0.014175
Hmg20a	MmuINT0078202	chr9	56322483	56324988	+	0.016756
Hmg20a	MmuINT0078203	chr9	56325202	56329404	+	0.02878
Hmg20a	MmuINT0078204	chr9	56329538	56330414	+	0.009718
Hmg20a	MmuINT0078205	chr9	56330447	56335422	+	0.061017
Hmg20a	MmuINT0078206	chr9	56335499	56336420	+	0.035154
Hmg20a	MmuINT0078207	chr9	56336637	56337628	+	0.113423
Hmg20a	MmuINT0078208	chr9	56337772	56342339	+	0.369012
Hmg20b	MmuINT0078209	chr10	80812935	80813017	-	0.719325
Hmg20b	MmuINT0078210	chr10	80812234	80812878	-	0.128428
Hmg20b	MmuINT0078211	chr10	80811835	80812124	-	0.276271
Hmg20b	MmuINT0078212	chr10	80811362	80811630	-	0.023532
Hmg20b	MmuINT0078213	chr10	80810778	80811240	-	0.031969
Hmg20b	MmuINT0078214	chr10	80810254	80810730	-	0.09064
Hmg20b	MmuINT0078215	chr10	80809802	80810180	-	0.013302
Hmg20b	MmuINT0078216	chr10	80809438	80809585	-	0.083243
Hmg20b	MmuINT0078217	chr10	80809223	80809304	-	0.01547
Hmgb2	MmuINT0078228	chr8	59990803	59991371	+	0.001667
Hmgcl	MmuINT0078236	chr4	1.36E+08	1.36E+08	+	0.013629
Hmgcl	MmuINT0078237	chr4	1.36E+08	1.36E+08	+	0.003116
Hmgcl	MmuINT0078238	chr4	1.36E+08	1.36E+08	+	0.002489
Hmgcl	MmuINT0078239	chr4	1.36E+08	1.36E+08	+	0.010992
Hmgcl	MmuINT0078240	chr4	1.36E+08	1.36E+08	+	0.019029
Hmgcl	MmuINT0078241	chr4	1.36E+08	1.36E+08	+	0.010168
Hmgcl	MmuINT0078242	chr4	1.36E+08	1.36E+08	+	0.01834
Hmgcl	MmuINT0078243	chr4	1.36E+08	1.36E+08	+	0.015862
Hmgcr	MmuINT0078253	chr13	97428714	97428825	-	0.05062
Hmgcr	MmuINT0078254	chr13	97426713	97428537	-	0.042624
Hmgcr	MmuINT0078255	chr13	97425968	97426517	-	0.041966
Hmgcr	MmuINT0078256	chr13	97425663	97425808	-	0.042053
Hmgcr	MmuINT0078258	chr13	97422784	97424770	-	0.053383
Hmgcr	MmuINT0078259	chr13	97422192	97422612	-	0.073119
Hmgcr	MmuINT0078260	chr13	97421970	97422050	-	0.055491
Hmgcr	MmuINT0078261	chr13	97421120	97421810	-	0.059945
Hmgcr	MmuINT0078262	chr13	97420589	97420964	-	0.052705
Hmgcr	MmuINT0078263	chr13	97436180	97436475	-	0.038033

Hmgcr	MmuINT0078268	chr13	97429966	97430072	-	0.056015
Hmgcr	MmuINT0078269	chr13	97429333	97429848	-	0.051038
Hmgcr	MmuINT0078270	chr13	97429074	97429171	-	0.036113
Hmgcs2	MmuINT0078274	chr3	98101058	98101300	+	0.022996
Hmgcs2	MmuINT0078276	chr3	98103214	98105495	+	0.022535
Hmgcs2	MmuINT0078277	chr3	98105603	98106544	+	0.017518
Hmgcs2	MmuINT0078278	chr3	98106671	98107087	+	0.017374
Hmgcs2	MmuINT0078279	chr3	98107200	98112952	+	0.026464
Hmgn3	MmuINT0078290	chr9	83014031	83040037	-	0.04163
Hmgn3	MmuINT0078292	chr9	83005878	83008379	-	0.050425
Hmgn3	MmuINT0078293	chr9	83004037	83004599	-	0.790938
Hmgn5	MmuINT0078298	chrX	1.06E+08	1.06E+08	-	0.002344
Hmgxb3	MmuINT0078299	chr18	61311938	61314681	-	0.027799
Hmgxb3	MmuINT0078300	chr18	61310173	61311838	-	0.017304
Hmgxb3	MmuINT0078301	chr18	61307203	61310022	-	0.017511
Hmgxb3	MmuINT0078302	chr18	61306211	61306900	-	0.022303
Hmgxb3	MmuINT0078303	chr18	61301445	61306082	-	0.014408
Hmgxb3	MmuINT0078304	chr18	61300630	61301312	-	0.018171
Hmgxb3	MmuINT0078305	chr18	61297277	61300444	-	0.033837
Hmgxb3	MmuINT0078306	chr18	61296015	61297056	-	0.018032
Hmgxb3	MmuINT0078307	chr18	61295242	61295880	-	0.025202
Hmgxb3	MmuINT0078308	chr18	61293716	61295124	-	0.045018
Hmgxb3	MmuINT0078309	chr18	61331037	61331804	-	0.018717
Hmgxb3	MmuINT0078310	chr18	61292250	61293505	-	0.0135
Hmgxb3	MmuINT0078311	chr18	61327348	61330861	-	0.015612
Hmgxb3	MmuINT0078312	chr18	61325238	61326849	-	0.073067
Hmgxb3	MmuINT0078313	chr18	61322683	61325138	-	0.023276
Hmgxb3	MmuINT0078314	chr18	61317416	61322550	-	0.121937
Hmgxb3	MmuINT0078315	chr18	61317173	61317268	-	0.74532
Hmgxb3	MmuINT0078316	chr18	61315087	61316996	-	0.014238
Hmgxb3	MmuINT0078317	chr18	61314780	61314913	-	0.021911
Hmgxb4	MmuINT0078318	chr8	77517649	77522733	+	0.137143
Hmgxb4	MmuINT0078319	chr8	77553510	77553887	+	0.015314
Hmgxb4	MmuINT0078320	chr8	77522838	77523458	+	0.123051
Hmgxb4	MmuINT0078321	chr8	77523608	77523711	+	0.052138
Hmgxb4	MmuINT0078322	chr8	77523791	77524548	+	0.051255
Hmgxb4	MmuINT0078323	chr8	77525484	77544142	+	0.025341
Hmgxb4	MmuINT0078325	chr8	77545767	77547097	+	0.116957
Hmgxb4	MmuINT0078326	chr8	77547204	77547896	+	0.123129
Hmgxb4	MmuINT0078327	chr8	77548067	77553386	+	0.031273
Hmha1	MmuINT0078328	chr10	79479664	79480524	+	0.181904
Hmha1	MmuINT0078331	chr10	79487597	79488153	+	0.469741
Hmha1	MmuINT0078332	chr10	79488292	79488900	+	0.04285
Hmha1	MmuINT0078333	chr10	79489092	79489177	+	0.104193
Hmha1	MmuINT0078334	chr10	79489303	79489401	+	0.088272
Hmha1	MmuINT0078335	chr10	79489480	79489567	+	0.197124
Hmha1	MmuINT0078336	chr10	79489673	79489777	+	0.032421
Hmha1	MmuINT0078337	chr10	79489951	79490283	+	0.082489
Hmha1	MmuINT0078338	chr10	79490473	79490565	+	0.151231
Hmha1	MmuINT0078339	chr10	79490704	79491401	+	0.04095

Hmha1	MmuINT0078340	chr10	79491629	79491717	+	0.033324
Hmha1	MmuINT0078341	chr10	79483579	79483695	+	0.071917
Hmha1	MmuINT0078342	chr10	79491929	79493033	+	0.077331
Hmha1	MmuINT0078343	chr10	79493122	79493476	+	0.050447
Hmha1	MmuINT0078344	chr10	79483781	79483866	+	0.157938
Hmha1	MmuINT0078345	chr10	79483940	79484133	+	0.481774
Hmha1	MmuINT0078346	chr10	79484201	79484290	+	0.265146
Hmha1	MmuINT0078347	chr10	79484429	79484539	+	0.281598
Hmha1	MmuINT0078348	chr10	79484605	79484821	+	0.060057
Hmha1	MmuINT0078349	chr10	79484933	79485019	+	0.088724
Hmha1	MmuINT0078350	chr10	79485101	79487407	+	0.146002
Hmmr	MmuINT0078351	chr11	40542723	40546815	-	0.029378
Hmox1	MmuINT0078368	chr8	77617672	77619754	+	0.024353
Hmox1	MmuINT0078369	chr8	77619876	77620748	+	0.029039
Hmox1	MmuINT0078370	chr8	77621241	77622664	+	0.02416
Hmox1	MmuINT0078371	chr8	77622765	77623784	+	0.029168
Hmox2	MmuINT0078373	chr16	4741740	4762558	+	0.961599
Hmox2	MmuINT0078374	chr16	4762678	4763728	+	0.061579
Hmox2	MmuINT0078375	chr16	4763847	4764605	+	0.043977
Hmox2	MmuINT0078376	chr16	4765890	4765977	+	0.095552
Hn1	MmuINT0078380	chr11	1.15E+08	1.15E+08	-	0.000531
Hn1l	MmuINT0078384	chr17	25093112	25097512	-	0.038658
Hn1l	MmuINT0078385	chr17	25085726	25092962	-	0.027658
Hn1l	MmuINT0078387	chr17	25081624	25082524	-	0.011335
Hnmt	MmuINT0078425	chr2	23874730	23901160	-	0.020545
Hnmt	MmuINT0078427	chr2	23864623	23869735	-	0.019995
Hnmt	MmuINT0078428	chr2	23859475	23864528	-	0.01491
Hnrnpa2b1	MmuINT0078440	chr6	51417295	51419669	-	0.004656
Hnrnpa2b1	MmuINT0078442	chr6	51417052	51417183	-	0.000292
Hnrnpa2b1	MmuINT0078443	chr6	51416705	51416904	-	0.000155
Hnrnpa2b1	MmuINT0078444	chr6	51416404	51416493	-	0.000248
Hnrnpa2b1	MmuINT0078445	chr6	51416222	51416301	-	0.000764
Hnrnpa2b1	MmuINT0078446	chr6	51415241	51416140	-	0.001325
Hnrnpa2b1	MmuINT0078447	chr6	51414547	51415177	-	0.002831
Hnrnpa2b1	MmuINT0078448	chr6	51414211	51414426	-	0.003403
Hnrnpa2b1	MmuINT0078449	chr6	51413493	51414087	-	0.000196
Hnrnpab	MmuINT0078462	chr11	51419132	51419841	-	0.002567
Hnrnpab	MmuINT0078463	chr11	51418320	51418962	-	0.00126
Hnrnpab	MmuINT0078464	chr11	51418034	51418160	-	0.001056
Hnrnpab	MmuINT0078465	chr11	51416198	51417901	-	0.005101
Hnrnpab	MmuINT0078466	chr11	51415393	51416094	-	0.008416
Hnrnpab	MmuINT0078467	chr11	51414981	51415251	-	0.016145
Hnrnpc	MmuINT0078470	chr14	52717716	52723563	-	0.018033
Hnrnpc	MmuINT0078472	chr14	52700983	52701463	-	0.038471
Hnrnpc	MmuINT0078475	chr14	52695112	52695287	-	0.000224
Hnrnpd	MmuINT0078480	chr5	1E+08	1E+08	-	0.049679
Hnrnpd	MmuINT0078481	chr5	1E+08	1E+08	-	0.003406
Hnrnpd	MmuINT0078482	chr5	1E+08	1E+08	-	0.002512
Hnrnpd	MmuINT0078483	chr5	1E+08	1E+08	-	0.004142
Hnrnpd	MmuINT0078484	chr5	1E+08	1E+08	-	0.010892

Hnrnpd	MmuINT0078485	chr5	1E+08	1E+08	-	0.059004
Hnrnp1	MmuINT0078489	chr11	50191305	50191792	+	0.070357
Hnrnp1	MmuINT0078490	chr11	50197242	50197332	+	0.300795
Hnrnp1	MmuINT0078491	chr11	50197423	50198145	+	0.034483
Hnrnp1	MmuINT0078492	chr11	50198239	50198642	+	0.02959
Hnrnp1	MmuINT0078493	chr11	50198693	50199278	+	0.029333
Hnrnp1	MmuINT0078494	chr11	50191930	50192969	+	0.029643
Hnrnp1	MmuINT0078495	chr11	50193126	50193322	+	0.128041
Hnrnp1	MmuINT0078496	chr11	50193467	50194960	+	0.246324
Hnrnp1	MmuINT0078497	chr11	50195100	50196038	+	0.375636
Hnrnp1	MmuINT0078498	chr11	50196218	50196301	+	0.008528
Hnrnp1	MmuINT0078499	chr11	50196374	50196429	+	0.035402
Hnrnp1	MmuINT0078500	chr11	50196564	50196680	+	0.003923
Hnrnp1	MmuINT0078501	chr11	50196817	50197181	+	0.001645
Hnrnp2	MmuINT0078503	chrX	1.31E+08	1.31E+08	+	0.088497
Hnrnp2	MmuINT0078504	chrX	1.31E+08	1.31E+08	+	0.140399
Hnrnp3	MmuINT0078505	chr10	62482276	62486467	-	0.243644
Hnrnp3	MmuINT0078506	chr10	62481647	62482140	-	0.081638
Hnrnp3	MmuINT0078507	chr10	62480359	62480788	-	0.17567
Hnrnp3	MmuINT0078508	chr10	62480086	62480271	-	0.025212
Hnrnp3	MmuINT0078509	chr10	62479291	62479969	-	0.018425
Hnrnp3	MmuINT0078510	chr10	62478924	62479154	-	0.016056
Hnrnp3	MmuINT0078511	chr10	62478643	62478827	-	0.04892
Hnrnp3	MmuINT0078512	chr10	62478463	62478549	-	0.084011
Hnrnp1	MmuINT0078527	chr7	29596188	29598297	+	0.034427
Hnrnp1	MmuINT0078528	chr7	29605766	29606234	+	0.009601
Hnrnp1	MmuINT0078529	chr7	29606293	29606410	+	0.009207
Hnrnp1	MmuINT0078530	chr7	29606507	29606866	+	0.005881
Hnrnp1	MmuINT0078531	chr7	29598417	29598872	+	0.001289
Hnrnp1	MmuINT0078532	chr7	29599111	29599220	+	0.001498
Hnrnp1	MmuINT0078533	chr7	29599307	29600117	+	0.021999
Hnrnp1	MmuINT0078534	chr7	29600215	29600298	+	0.01142
Hnrnp1	MmuINT0078535	chr7	29600372	29603479	+	0.370676
Hnrnp1	MmuINT0078536	chr7	29603552	29603662	+	0.318233
Hnrnp1	MmuINT0078537	chr7	29603944	29605171	+	0.028562
Hnrnpm	MmuINT0078539	chr17	33803475	33803591	-	0.519826
Hnrnpm	MmuINT0078540	chr17	33814386	33822211	-	0.00308
Hnrnpm	MmuINT0078541	chr17	33795860	33797157	-	0.006226
Hnrnpm	MmuINT0078542	chr17	33795411	33795814	-	0.00399
Hnrnpm	MmuINT0078543	chr17	33789272	33795332	-	0.011454
Hnrnpm	MmuINT0078544	chr17	33787343	33789217	-	0.017898
Hnrnpm	MmuINT0078545	chr17	33785810	33786539	-	0.085774
Hnrnpm	MmuINT0078546	chr17	33783605	33785757	-	0.116899
Hnrnpm	MmuINT0078547	chr17	33807079	33814218	-	0.002126
Hnrnpm	MmuINT0078548	chr17	33806122	33807025	-	0.003236
Hnrnpm	MmuINT0078549	chr17	33806024	33806113	-	0.000808
Hnrnpm	MmuINT0078550	chr17	33801580	33802436	-	0.015898
Hnrnpm	MmuINT0078551	chr17	33800231	33801529	-	0.006147
Hnrnpm	MmuINT0078552	chr17	33797260	33800169	-	0.002732
Hnrnpr	MmuINT0078553	chr4	1.36E+08	1.36E+08	+	0.057817

Hnrnpr	MmuINT0078555	chr4	1.36E+08	1.36E+08	+	0.013432
Hnrnpr	MmuINT0078556	chr4	1.36E+08	1.36E+08	+	0.004045
Hnrnpr	MmuINT0078558	chr4	1.36E+08	1.36E+08	+	0.006754
Hnrnpr	MmuINT0078559	chr4	1.36E+08	1.36E+08	+	0.037906
Hnrnpu	MmuINT0078563	chr1	1.8E+08	1.8E+08	-	0.006626
Hnrnpu	MmuINT0078564	chr1	1.8E+08	1.8E+08	-	0.001401
Hnrnpu	MmuINT0078565	chr1	1.8E+08	1.8E+08	-	0.003708
Hnrnpu	MmuINT0078566	chr1	1.8E+08	1.8E+08	-	0.003542
Hnrnpu	MmuINT0078567	chr1	1.8E+08	1.8E+08	-	0.031979
Hnrnpu	MmuINT0078568	chr1	1.8E+08	1.8E+08	-	0.005117
Hnrnpu	MmuINT0078569	chr1	1.8E+08	1.8E+08	-	0.090457
Hnrnpu	MmuINT0078571	chr1	1.8E+08	1.8E+08	-	0.00231
Hnrnpu	MmuINT0078572	chr1	1.8E+08	1.8E+08	-	0.001713
Hnrnpu	MmuINT0078573	chr1	1.8E+08	1.8E+08	-	0.001076
Hnrnpu	MmuINT0078574	chr1	1.8E+08	1.8E+08	-	0.001267
Hnrnpu	MmuINT0078575	chr1	1.8E+08	1.8E+08	-	0.00164
Hnrnpul1	MmuINT0078576	chr7	26511923	26518034	-	0.023038
Hnrnpul1	MmuINT0078577	chr7	26511234	26511753	-	0.002404
Hnrnpul1	MmuINT0078578	chr7	26509864	26510942	-	0.0115
Hnrnpul1	MmuINT0078579	chr7	26508017	26509573	-	0.018091
Hnrnpul1	MmuINT0078581	chr7	26533496	26535883	-	0.003167
Hnrnpul1	MmuINT0078582	chr7	26531441	26533341	-	0.005116
Hnrnpul1	MmuINT0078584	chr7	26528046	26530111	-	0.005619
Hnrnpul1	MmuINT0078585	chr7	26525960	26527945	-	0.003135
Hnrnpul1	MmuINT0078586	chr7	26519845	26525846	-	0.006274
Hnrnpul1	MmuINT0078587	chr7	26518386	26519577	-	0.007685
Hnrnpul1	MmuINT0078588	chr7	26518164	26518262	-	0.004157
Hnrnpul2	MmuINT0078590	chr19	8895304	8897293	+	0.02291
Hnrnpul2	MmuINT0078591	chr19	8901303	8904239	+	0.011975
Hnrnpul2	MmuINT0078592	chr19	8904441	8905377	+	0.004128
Hnrnpul2	MmuINT0078593	chr19	8905452	8905714	+	0.011172
Hnrnpul2	MmuINT0078594	chr19	8905823	8905944	+	0.007202
Hnrnpul2	MmuINT0078595	chr19	8897430	8897719	+	0.045869
Hnrnpul2	MmuINT0078596	chr19	8897797	8898019	+	0.009771
Hnrnpul2	MmuINT0078597	chr19	8898160	8898710	+	0.049891
Hnrnpul2	MmuINT0078598	chr19	8898802	8898895	+	0.008878
Hnrnpul2	MmuINT0078599	chr19	8899009	8899349	+	0.005496
Hnrnpul2	MmuINT0078600	chr19	8899614	8899760	+	0.002905
Hnrnpul2	MmuINT0078601	chr19	8899884	8900461	+	0.010029
Hnrnpul2	MmuINT0078602	chr19	8900591	8901133	+	0.002828
Hnrpdl	MmuINT0078606	chr5	1E+08	1E+08	-	0.002072
Hnrpdl	MmuINT0078607	chr5	1E+08	1E+08	-	0.027148
Hnrpdl	MmuINT0078608	chr5	1E+08	1E+08	-	0.099153
Hnrpdl	MmuINT0078609	chr5	1E+08	1E+08	-	0.361627
Hnrpll	MmuINT0078610	chr17	80452982	80460996	-	0.065269
Hnrpll	MmuINT0078611	chr17	80432126	80433385	-	0.010318
Hnrpll	MmuINT0078612	chr17	80431980	80432067	-	0.020055
Hnrpll	MmuINT0078613	chr17	80429881	80431880	-	0.019142
Hnrpll	MmuINT0078614	chr17	80450206	80452862	-	0.014208
Hnrpll	MmuINT0078615	chr17	80449233	80449967	-	0.012062



Hnrpll	MmuINT0078616	chr17	80448202	80449146	-	0.012406
Hnrpll	MmuINT0078617	chr17	80448021	80448104	-	0.012019
Hnrpll	MmuINT0078618	chr17	80443906	80447947	-	0.048117
Hnrpll	MmuINT0078619	chr17	80438150	80443833	-	0.014237
Hnrpll	MmuINT0078620	chr17	80434793	80437931	-	0.113034
Hnrpll	MmuINT0078621	chr17	80433588	80434670	-	0.03934
Homer1	MmuINT0078622	chr13	94075258	94111710	+	0.006621
Homer1	MmuINT0078623	chr13	94111868	94116523	+	0.007047
Homer1	MmuINT0078624	chr13	94116656	94119159	+	0.007671
Homer1	MmuINT0078625	chr13	94119253	94125894	+	0.005999
Homer1	MmuINT0078626	chr13	94156336	94157478	+	0.053857
Homer1	MmuINT0078627	chr13	94157636	94161645	+	0.007629
Homer1	MmuINT0078628	chr13	94161757	94162982	+	0.006987
Homer1	MmuINT0078629	chr13	94163064	94171995	+	0.007061
Homer2	MmuINT0078632	chr7	88794597	88851644	-	0.00539
Homer2	MmuINT0078633	chr7	88781379	88794439	-	0.004751
Homer2	MmuINT0078634	chr7	88769231	88781246	-	0.002594
Homer2	MmuINT0078635	chr7	88763602	88769137	-	0.011537
Homer2	MmuINT0078636	chr7	88757258	88759228	-	0.002688
Homer2	MmuINT0078637	chr7	88756273	88757146	-	0.002811
Homer2	MmuINT0078638	chr7	88755328	88756191	-	0.003365
Homer3	MmuINT0078641	chr8	72809215	72809292	+	0.078582
Homer3	MmuINT0078642	chr8	72809450	72809829	+	0.147616
Homer3	MmuINT0078643	chr8	72809962	72813292	+	0.122209
Homer3	MmuINT0078644	chr8	72813401	72813950	+	0.026497
Homer3	MmuINT0078645	chr8	72814073	72814905	+	0.05007
Homer3	MmuINT0078646	chr8	72815063	72815216	+	0.117522
Hook1	MmuINT0078649	chr4	95634248	95641076	+	0.040173
Hook1	MmuINT0078650	chr4	95669276	95670172	+	0.020072
Hook1	MmuINT0078651	chr4	95670375	95670987	+	0.016623
Hook1	MmuINT0078652	chr4	95671099	95675992	+	0.02564
Hook1	MmuINT0078655	chr4	95680030	95681498	+	0.014717
Hook1	MmuINT0078656	chr4	95681593	95683099	+	0.057172
Hook1	MmuINT0078657	chr4	95683135	95683633	+	0.069642
Hook1	MmuINT0078658	chr4	95683717	95684278	+	0.026449
Hook1	MmuINT0078659	chr4	95684380	95686293	+	0.022818
Hook1	MmuINT0078660	chr4	95641163	95656328	+	0.036915
Hook1	MmuINT0078661	chr4	95686396	95688258	+	0.06888
Hook1	MmuINT0078662	chr4	95688328	95688857	+	0.035569
Hook1	MmuINT0078664	chr4	95658891	95659756	+	0.037093
Hook1	MmuINT0078666	chr4	95662523	95663449	+	0.03887
Hook1	MmuINT0078667	chr4	95663513	95665385	+	0.028366
Hook1	MmuINT0078668	chr4	95665470	95667860	+	0.035541
Hook1	MmuINT0078669	chr4	95668028	95669134	+	0.01777
Hook2	MmuINT0078670	chr8	87514652	87515117	+	0.021717
Hook2	MmuINT0078671	chr8	87518916	87519634	+	0.034103
Hook2	MmuINT0078672	chr8	87519837	87520853	+	0.0402
Hook2	MmuINT0078673	chr8	87520965	87521062	+	0.037612
Hook2	MmuINT0078674	chr8	87521151	87521277	+	0.042423
Hook2	MmuINT0078675	chr8	87521348	87521898	+	0.04438

Hook2	MmuINT0078676	chr8	87522037	87522102	+	0.063453
Hook2	MmuINT0078677	chr8	87522191	87522388	+	0.139929
Hook2	MmuINT0078678	chr8	87522424	87525053	+	0.250187
Hook2	MmuINT0078679	chr8	87525137	87525219	+	0.137288
Hook2	MmuINT0078680	chr8	87515204	87515275	+	0.038747
Hook2	MmuINT0078681	chr8	87526514	87526585	+	0.041013
Hook2	MmuINT0078682	chr8	87526658	87526763	+	0.061736
Hook2	MmuINT0078683	chr8	87515349	87517082	+	0.185514
Hook2	MmuINT0078684	chr8	87517134	87517222	+	0.069484
Hook2	MmuINT0078685	chr8	87517356	87517473	+	0.042567
Hook2	MmuINT0078686	chr8	87517542	87517886	+	0.082367
Hook2	MmuINT0078687	chr8	87517950	87518359	+	0.042932
Hook2	MmuINT0078688	chr8	87518441	87518520	+	0.042421
Hook2	MmuINT0078689	chr8	87518682	87518774	+	0.025455
Hook3	MmuINT0078690	chr8	27221294	27229429	-	0.032653
Hook3	MmuINT0078691	chr8	27180748	27181529	-	0.016224
Hook3	MmuINT0078692	chr8	27179142	27180545	-	0.02148
Hook3	MmuINT0078693	chr8	27178410	27179030	-	0.027237
Hook3	MmuINT0078694	chr8	27171919	27178321	-	0.036106
Hook3	MmuINT0078695	chr8	27169853	27171848	-	0.025565
Hook3	MmuINT0078696	chr8	27158812	27169711	-	0.02919
Hook3	MmuINT0078697	chr8	27154747	27158723	-	0.113529
Hook3	MmuINT0078698	chr8	27150224	27154711	-	0.042322
Hook3	MmuINT0078699	chr8	27148595	27150140	-	0.027122
Hook3	MmuINT0078700	chr8	27145710	27148493	-	0.022351
Hook3	MmuINT0078701	chr8	27206303	27221207	-	0.040615
Hook3	MmuINT0078702	chr8	27145475	27145604	-	0.018044
Hook3	MmuINT0078703	chr8	27142503	27145402	-	0.046362
Hook3	MmuINT0078704	chr8	27204180	27206229	-	0.056889
Hook3	MmuINT0078705	chr8	27198665	27204128	-	0.027929
Hook3	MmuINT0078706	chr8	27193054	27198531	-	0.040826
Hook3	MmuINT0078707	chr8	27185403	27192985	-	0.042431
Hook3	MmuINT0078708	chr8	27184156	27185339	-	0.029935
Hook3	MmuINT0078709	chr8	27182893	27184071	-	0.022435
Hook3	MmuINT0078710	chr8	27181671	27182728	-	0.022879
Hopx	MmuINT0078712	chr5	77516842	77523890	-	0.002172
Hp	MmuINT0078793	chr8	1.12E+08	1.12E+08	-	0.083189
Hp	MmuINT0078794	chr8	1.12E+08	1.12E+08	-	0.079546
Hp1bp3	MmuINT0078798	chr4	1.38E+08	1.38E+08	+	0.010949
Hp1bp3	MmuINT0078799	chr4	1.38E+08	1.38E+08	+	0.006469
Hp1bp3	MmuINT0078800	chr4	1.38E+08	1.38E+08	+	0.02955
Hp1bp3	MmuINT0078801	chr4	1.38E+08	1.38E+08	+	0.017201
Hp1bp3	MmuINT0078802	chr4	1.38E+08	1.38E+08	+	0.006788
Hp1bp3	MmuINT0078803	chr4	1.38E+08	1.38E+08	+	0.002049
Hp1bp3	MmuINT0078804	chr4	1.38E+08	1.38E+08	+	0.07298
Hp1bp3	MmuINT0078805	chr4	1.38E+08	1.38E+08	+	0.002844
Hp1bp3	MmuINT0078806	chr4	1.38E+08	1.38E+08	+	0.002712
Hp1bp3	MmuINT0078807	chr4	1.38E+08	1.38E+08	+	0.00492
Hp1bp3	MmuINT0078808	chr4	1.38E+08	1.38E+08	+	0.012527
Hpcal1	MmuINT0078814	chr12	17697853	17792952	+	0.018857

Hpd	MmuINT0078824	chr5	1.24E+08	1.24E+08	-	0.085934
Hpd	MmuINT0078825	chr5	1.24E+08	1.24E+08	-	0.040015
Hpgd	MmuINT0078835	chr8	58773860	58777152	+	0.053574
Hpgd	MmuINT0078838	chr8	58796624	58797789	+	0.093863
Hpn	MmuINT0078849	chr7	31884399	31884524	-	0.070428
Hpn	MmuINT0078850	chr7	31884093	31884233	-	0.103232
Hpn	MmuINT0078857	chr7	31887688	31887779	-	0.04477
Hpn	MmuINT0078858	chr7	31884921	31887496	-	0.041157
Hprt	MmuINT0078859	chrX	50341428	50352267	+	0.003707
Hprt	MmuINT0078860	chrX	50352375	50355264	+	0.002364
Hprt	MmuINT0078861	chrX	50355449	50361829	+	0.004244
Hprt	MmuINT0078862	chrX	50361896	50365453	+	0.003839
Hprt	MmuINT0078863	chrX	50365472	50369523	+	0.041348
Hprt	MmuINT0078864	chrX	50369607	50373281	+	0.011906
Hprt	MmuINT0078865	chrX	50373329	50373499	+	0.008455
Hprt	MmuINT0078866	chrX	50373577	50374243	+	0.00471
Hps1	MmuINT0078870	chr19	42836766	42836882	-	0.070987
Hps1	MmuINT0078871	chr19	42835564	42836585	-	0.05674
Hps1	MmuINT0078876	chr19	42830831	42832282	-	0.597782
Hps1	MmuINT0078877	chr19	42830287	42830747	-	0.099064
Hps1	MmuINT0078880	chr19	42845387	42845606	-	0.068603
Hps3	MmuINT0078886	chr3	19930806	19935048	-	0.064832
Hps3	MmuINT0078887	chr3	19929046	19929146	-	0.045414
Hps3	MmuINT0078888	chr3	19925921	19928959	-	0.038463
Hps3	MmuINT0078889	chr3	19922840	19925730	-	0.052212
Hps3	MmuINT0078890	chr3	19919958	19922757	-	0.068746
Hps3	MmuINT0078891	chr3	19918920	19919802	-	0.058581
Hps3	MmuINT0078892	chr3	19912931	19914022	-	0.244693
Hps3	MmuINT0078893	chr3	19911575	19912696	-	0.118782
Hps3	MmuINT0078894	chr3	19910989	19911388	-	0.07221
Hps3	MmuINT0078895	chr3	19908923	19910799	-	0.646567
Hps3	MmuINT0078896	chr3	19903432	19908814	-	0.634805
Hps3	MmuINT0078897	chr3	19902414	19903224	-	0.051266
Hps3	MmuINT0078898	chr3	19897030	19902322	-	0.046862
Hps4	MmuINT0078899	chr5	1.13E+08	1.13E+08	+	0.914525
Hps4	MmuINT0078900	chr5	1.13E+08	1.13E+08	+	0.224013
Hps4	MmuINT0078901	chr5	1.13E+08	1.13E+08	+	0.030446
Hps4	MmuINT0078902	chr5	1.13E+08	1.13E+08	+	0.217341
Hps4	MmuINT0078903	chr5	1.13E+08	1.13E+08	+	0.048058
Hps4	MmuINT0078904	chr5	1.13E+08	1.13E+08	+	0.024713
Hps4	MmuINT0078905	chr5	1.13E+08	1.13E+08	+	0.025973
Hps4	MmuINT0078906	chr5	1.13E+08	1.13E+08	+	0.0339
Hps4	MmuINT0078907	chr5	1.13E+08	1.13E+08	+	0.022028
Hps4	MmuINT0078908	chr5	1.13E+08	1.13E+08	+	0.034612
Hps4	MmuINT0078909	chr5	1.13E+08	1.13E+08	+	0.066159
Hps4	MmuINT0078910	chr5	1.13E+08	1.13E+08	+	0.199889
Hps4	MmuINT0078911	chr5	1.13E+08	1.13E+08	+	0.09865
Hps5	MmuINT0078915	chr7	54031322	54032245	-	0.036339
Hps5	MmuINT0078916	chr7	54030308	54031134	-	0.224234
Hps5	MmuINT0078917	chr7	54028640	54030183	-	0.043932

Hps5	MmuINT0078919	chr7	54027552	54027841	-	0.029348
Hps5	MmuINT0078920	chr7	54024784	54026976	-	0.037882
Hps5	MmuINT0078921	chr7	54024463	54024662	-	0.118998
Hps5	MmuINT0078922	chr7	54023523	54024306	-	0.12711
Hps5	MmuINT0078923	chr7	54022578	54023402	-	0.043475
Hps5	MmuINT0078924	chr7	54020296	54022463	-	0.056271
Hps5	MmuINT0078925	chr7	54018584	54020188	-	0.025141
Hps5	MmuINT0078926	chr7	54016821	54018312	-	0.034921
Hpx	MmuINT0078955	chr7	1.13E+08	1.13E+08	-	0.061291
Hpx	MmuINT0078956	chr7	1.13E+08	1.13E+08	-	0.049557
Hpx	MmuINT0078957	chr7	1.13E+08	1.13E+08	-	0.05039
Hpx	MmuINT0078958	chr7	1.13E+08	1.13E+08	-	0.040832
Hpx	MmuINT0078959	chr7	1.13E+08	1.13E+08	-	0.024177
Hpx	MmuINT0078960	chr7	1.13E+08	1.13E+08	-	0.025808
Hpx	MmuINT0078961	chr7	1.13E+08	1.13E+08	-	0.022268
Hpx	MmuINT0078962	chr7	1.13E+08	1.13E+08	-	0.030018
Hpx	MmuINT0078963	chr7	1.13E+08	1.13E+08	-	0.018119
Hr	MmuINT0078965	chr14	70965191	70965835	+	0.019241
Hr	MmuINT0078966	chr14	70966000	70966116	+	0.021784
Hr	MmuINT0078967	chr14	70966354	70966586	+	0.013186
Hr	MmuINT0078968	chr14	70966753	70966955	+	0.01341
Hr	MmuINT0078969	chr14	70967026	70967308	+	0.015087
Hr	MmuINT0078970	chr14	70967440	70967582	+	0.016089
Hr	MmuINT0078971	chr14	70967703	70967783	+	0.024077
Hr	MmuINT0078972	chr14	70967900	70971184	+	0.038838
Hr	MmuINT0078973	chr14	70971350	70971714	+	0.023496
Hr	MmuINT0078974	chr14	70971844	70972048	+	0.016824
Hr	MmuINT0078975	chr14	70954915	70956154	+	0.022957
Hr	MmuINT0078976	chr14	70956808	70957435	+	0.025994
Hr	MmuINT0078977	chr14	70958217	70959445	+	0.02805
Hr	MmuINT0078978	chr14	70959597	70959679	+	0.022307
Hr	MmuINT0078979	chr14	70959871	70961618	+	0.034969
Hr	MmuINT0078980	chr14	70961784	70963135	+	0.04156
Hr	MmuINT0078981	chr14	70963226	70963373	+	0.22737
Hr	MmuINT0078982	chr14	70963490	70965108	+	0.035606
Hras1	MmuINT0078985	chr7	1.48E+08	1.48E+08	-	0.016719
Hras1	MmuINT0078986	chr7	1.48E+08	1.48E+08	-	0.003221
Hras1	MmuINT0078987	chr7	1.48E+08	1.48E+08	-	0.006362
Hras1	MmuINT0078988	chr7	1.48E+08	1.48E+08	-	0.004368
Hras1	MmuINT0078989	chr7	1.48E+08	1.48E+08	-	0.477782
Hrasls	MmuINT0078990	chr16	29209896	29217697	+	0.040167
Hrasls	MmuINT0078991	chr16	29217837	29220394	+	0.004789
Hrasls	MmuINT0078992	chr16	29220661	29228221	+	0.00941
Hrc	MmuINT0078998	chr7	52592745	52592830	+	0.000819
Hrc	MmuINT0078999	chr7	52592902	52593256	+	0.001049
Hrc	MmuINT0079000	chr7	52593326	52593523	+	0.003117
Hrc	MmuINT0079001	chr7	52593579	52594058	+	0.002863
Hrc	MmuINT0079002	chr7	52594096	52594250	+	0.021173
Hrsp12	MmuINT0079020	chr15	34418435	34424807	-	0.021658
Hrsp12	MmuINT0079021	chr15	34417552	34418328	-	0.029258

Hrsp12	MmuINT0079022	chr15	34416435	34417496	-	0.031445
Hrsp12	MmuINT0079023	chr15	34415411	34416365	-	0.023797
Hrsp12	MmuINT0079024	chr15	34414291	34415354	-	0.028987
Hs1bp3	MmuINT0079026	chr12	8324757	8328324	+	0.070651
Hs1bp3	MmuINT0079027	chr12	8328533	8330675	+	0.020286
Hs1bp3	MmuINT0079029	chr12	8343202	8344438	+	0.037428
Hs1bp3	MmuINT0079030	chr12	8344575	8348637	+	0.044073
Hs2st1	MmuINT0079031	chr3	1.44E+08	1.44E+08	-	0.023196
Hs2st1	MmuINT0079032	chr3	1.44E+08	1.44E+08	-	0.022571
Hs2st1	MmuINT0079033	chr3	1.44E+08	1.44E+08	-	0.025578
Hs2st1	MmuINT0079034	chr3	1.44E+08	1.44E+08	-	0.020264
Hs2st1	MmuINT0079035	chr3	1.44E+08	1.44E+08	-	0.031225
Hs2st1	MmuINT0079036	chr3	1.44E+08	1.44E+08	-	0.023048
Hs3st1	MmuINT0079037	chr5	40006644	40035655	-	0.060498
Hs6st1	MmuINT0079045	chr1	36126030	36160357	+	0.013203
Hsbp1	MmuINT0079051	chr8	1.22E+08	1.22E+08	+	0.001547
Hsbp1	MmuINT0079052	chr8	1.22E+08	1.22E+08	+	0.00337
Hsbp1	MmuINT0079053	chr8	1.22E+08	1.22E+08	+	0.001924
Hscb	MmuINT0079058	chr5	1.11E+08	1.11E+08	-	0.006893
Hscb	MmuINT0079059	chr5	1.11E+08	1.11E+08	-	0.009712
Hscb	MmuINT0079060	chr5	1.11E+08	1.11E+08	-	0.019596
Hscb	MmuINT0079061	chr5	1.11E+08	1.11E+08	-	0.023481
Hscb	MmuINT0079062	chr5	1.11E+08	1.11E+08	-	0.069655
Hsd11b1	MmuINT0079063	chr1	1.95E+08	1.95E+08	-	0.02603
Hsd11b1	MmuINT0079064	chr1	1.95E+08	1.95E+08	-	0.018145
Hsd11b1	MmuINT0079065	chr1	1.95E+08	1.95E+08	-	0.017285
Hsd11b1	MmuINT0079066	chr1	1.95E+08	1.95E+08	-	0.021125
Hsd11b1	MmuINT0079067	chr1	1.95E+08	1.95E+08	-	0.013945
Hsd17b10	MmuINT0079077	chrX	1.48E+08	1.48E+08	+	0.002131
Hsd17b10	MmuINT0079078	chrX	1.48E+08	1.48E+08	+	0.004748
Hsd17b10	MmuINT0079079	chrX	1.48E+08	1.48E+08	+	0.002896
Hsd17b10	MmuINT0079080	chrX	1.48E+08	1.48E+08	+	0.001233
Hsd17b10	MmuINT0079081	chrX	1.48E+08	1.48E+08	+	0.002964
Hsd17b11	MmuINT0079082	chr5	1.04E+08	1.04E+08	-	0.010899
Hsd17b11	MmuINT0079083	chr5	1.04E+08	1.04E+08	-	0.007839
Hsd17b11	MmuINT0079084	chr5	1.04E+08	1.04E+08	-	0.00707
Hsd17b11	MmuINT0079085	chr5	1.04E+08	1.04E+08	-	0.0103
Hsd17b11	MmuINT0079086	chr5	1.04E+08	1.04E+08	-	0.01747
Hsd17b11	MmuINT0079087	chr5	1.04E+08	1.04E+08	-	0.006963
Hsd17b12	MmuINT0079088	chr2	93957634	93997866	-	0.011065
Hsd17b12	MmuINT0079089	chr2	93873819	93874083	-	0.007528
Hsd17b12	MmuINT0079090	chr2	93955226	93957586	-	0.017482
Hsd17b12	MmuINT0079091	chr2	93923432	93955149	-	0.012841
Hsd17b12	MmuINT0079092	chr2	93906631	93923323	-	0.01377
Hsd17b12	MmuINT0079093	chr2	93905756	93906565	-	0.025369
Hsd17b12	MmuINT0079094	chr2	93892446	93905710	-	0.021521
Hsd17b12	MmuINT0079095	chr2	93885600	93892410	-	0.023866
Hsd17b12	MmuINT0079096	chr2	93884096	93885517	-	0.020889
Hsd17b12	MmuINT0079097	chr2	93874234	93884029	-	0.014706
Hsd17b4	MmuINT0079127	chr18	50288064	50289779	+	0.002603

Hsd17b4	MmuINT0079128	chr18	50318064	50319788	+	0.00338
Hsd17b4	MmuINT0079129	chr18	50319918	50321755	+	0.002807
Hsd17b4	MmuINT0079130	chr18	50321857	50324268	+	0.002626
Hsd17b4	MmuINT0079131	chr18	50324506	50326537	+	0.002863
Hsd17b4	MmuINT0079132	chr18	50326590	50330373	+	0.003702
Hsd17b4	MmuINT0079133	chr18	50330446	50331681	+	0.00237
Hsd17b4	MmuINT0079134	chr18	50331786	50333317	+	0.003318
Hsd17b4	MmuINT0079135	chr18	50333384	50336825	+	0.003072
Hsd17b4	MmuINT0079136	chr18	50336896	50337560	+	0.003333
Hsd17b4	MmuINT0079137	chr18	50337668	50338700	+	0.003319
Hsd17b4	MmuINT0079138	chr18	50289838	50299105	+	0.00151
Hsd17b4	MmuINT0079139	chr18	50338788	50341585	+	0.004192
Hsd17b4	MmuINT0079140	chr18	50341673	50342812	+	0.002166
Hsd17b4	MmuINT0079141	chr18	50342952	50351365	+	0.008359
Hsd17b4	MmuINT0079142	chr18	50351494	50355508	+	0.002316
Hsd17b4	MmuINT0079143	chr18	50299210	50299993	+	0.003494
Hsd17b4	MmuINT0079144	chr18	50300054	50302123	+	0.005757
Hsd17b4	MmuINT0079145	chr18	50302146	50302246	+	0.008864
Hsd17b4	MmuINT0079146	chr18	50302294	50304394	+	0.00373
Hsd17b4	MmuINT0079147	chr18	50304480	50306043	+	0.002792
Hsd17b4	MmuINT0079148	chr18	50306232	50314780	+	0.001754
Hsd17b4	MmuINT0079149	chr18	50314873	50318038	+	0.001717
Hsd17b7	MmuINT0079155	chr1	1.72E+08	1.72E+08	-	0.052329
Hsd17b7	MmuINT0079156	chr1	1.72E+08	1.72E+08	-	0.040134
Hsd17b7	MmuINT0079157	chr1	1.72E+08	1.72E+08	-	0.044924
Hsd17b7	MmuINT0079158	chr1	1.72E+08	1.72E+08	-	0.041362
Hsd17b7	MmuINT0079159	chr1	1.72E+08	1.72E+08	-	0.050321
Hsd17b7	MmuINT0079160	chr1	1.72E+08	1.72E+08	-	0.049196
Hsd17b7	MmuINT0079161	chr1	1.72E+08	1.72E+08	-	0.121207
Hsd17b7	MmuINT0079162	chr1	1.72E+08	1.72E+08	-	0.042687
Hsd3b7	MmuINT0079183	chr7	1.35E+08	1.35E+08	+	0.109512
Hsd3b7	MmuINT0079184	chr7	1.35E+08	1.35E+08	+	0.068647
Hsd3b7	MmuINT0079185	chr7	1.35E+08	1.35E+08	+	0.32449
Hsd3b7	MmuINT0079186	chr7	1.35E+08	1.35E+08	+	0.042817
Hsd3b7	MmuINT0079187	chr7	1.35E+08	1.35E+08	+	0.184144
Hsd1	MmuINT0079190	chr8	1.22E+08	1.22E+08	-	0.063367
Hsd1	MmuINT0079191	chr8	1.22E+08	1.22E+08	-	0.029787
Hsd1	MmuINT0079192	chr8	1.22E+08	1.22E+08	-	0.022428
Hsd12	MmuINT0079193	chr4	59594648	59605026	+	0.001628
Hsd12	MmuINT0079194	chr4	59625683	59630506	+	0.003061
Hsd12	MmuINT0079195	chr4	59605191	59606108	+	0.000631
Hsd12	MmuINT0079196	chr4	59606208	59607267	+	0.001
Hsd12	MmuINT0079197	chr4	59607383	59609734	+	0.003988
Hsd12	MmuINT0079198	chr4	59609839	59610128	+	0.0019
Hsd12	MmuINT0079199	chr4	59610228	59614244	+	0.002312
Hsd12	MmuINT0079200	chr4	59614440	59619343	+	0.000727
Hsd12	MmuINT0079201	chr4	59619416	59623381	+	0.00103
Hsd12	MmuINT0079202	chr4	59623748	59625553	+	0.003442
Hsf1	MmuINT0079203	chr15	76308148	76326399	+	0.005538
Hsf1	MmuINT0079204	chr15	76330484	76330696	+	0.336127

Hsf1	MmuINT0079205	chr15	76330767	76330846	+	0.082508
Hsf1	MmuINT0079206	chr15	76326509	76326882	+	0.007589
Hsf1	MmuINT0079207	chr15	76327020	76327265	+	0.024396
Hsf1	MmuINT0079208	chr15	76327391	76328048	+	0.10199
Hsf1	MmuINT0079209	chr15	76328125	76328197	+	0.064931
Hsf1	MmuINT0079210	chr15	76328260	76328381	+	0.060185
Hsf1	MmuINT0079211	chr15	76328479	76328583	+	0.011215
Hsf1	MmuINT0079212	chr15	76328721	76328851	+	0.016552
Hsf1	MmuINT0079213	chr15	76329122	76330377	+	0.053508
Hsf2	MmuINT0079214	chr10	57206408	57215703	+	0.023675
Hsf2	MmuINT0079215	chr10	57226109	57231249	+	0.10896
Hsf2	MmuINT0079216	chr10	57231335	57231708	+	0.038488
Hsf2	MmuINT0079217	chr10	57215813	57215960	+	0.014765
Hsf2	MmuINT0079218	chr10	57216089	57217302	+	0.015005
Hsf2	MmuINT0079219	chr10	57217428	57219221	+	0.023758
Hsf2	MmuINT0079220	chr10	57219298	57221175	+	0.026321
Hsf2	MmuINT0079221	chr10	57221238	57222428	+	0.016793
Hsf2	MmuINT0079222	chr10	57222517	57224387	+	0.018676
Hsf2	MmuINT0079223	chr10	57224537	57224951	+	0.018224
Hsf2	MmuINT0079224	chr10	57225189	57226002	+	0.012609
Hsf4	MmuINT0079242	chr8	1.08E+08	1.08E+08	+	0.047498
Hsf4	MmuINT0079243	chr8	1.08E+08	1.08E+08	+	0.086599
Hsf4	MmuINT0079244	chr8	1.08E+08	1.08E+08	+	0.059677
Hsf4	MmuINT0079246	chr8	1.08E+08	1.08E+08	+	0.039839
Hsf4	MmuINT0079247	chr8	1.08E+08	1.08E+08	+	0.182511
Hsf4	MmuINT0079249	chr8	1.08E+08	1.08E+08	+	0.112434
Hsf4	MmuINT0079251	chr8	1.08E+08	1.08E+08	+	0.920495
Hsf4	MmuINT0079252	chr8	1.08E+08	1.08E+08	+	0.086767
Hsp90ab1	MmuINT0079273	chr17	45708861	45710115	-	0.000388
Hsp90ab1	MmuINT0079275	chr17	45708569	45708713	-	0.000317
Hsp90ab1	MmuINT0079276	chr17	45708127	45708361	-	0.00019
Hsp90ab1	MmuINT0079277	chr17	45707749	45707966	-	0.000824
Hsp90ab1	MmuINT0079279	chr17	45706776	45707206	-	0.001073
Hsp90ab1	MmuINT0079280	chr17	45706337	45706418	-	0.000289
Hsp90ab1	MmuINT0079281	chr17	45706076	45706188	-	0.000169
Hsp90ab1	MmuINT0079282	chr17	45705512	45705806	-	0.00011
Hsp90b1	MmuINT0079283	chr10	86167142	86168051	-	0.004733
Hsp90b1	MmuINT0079284	chr10	86158288	86158404	-	0.015
Hsp90b1	MmuINT0079285	chr10	86157365	86158221	-	0.006013
Hsp90b1	MmuINT0079286	chr10	86156905	86157094	-	0.001219
Hsp90b1	MmuINT0079287	chr10	86156259	86156658	-	0.021848
Hsp90b1	MmuINT0079288	chr10	86155210	86156121	-	0.009835
Hsp90b1	MmuINT0079289	chr10	86155041	86155130	-	0.006596
Hsp90b1	MmuINT0079292	chr10	86166347	86167038	-	0.003946
Hsp90b1	MmuINT0079293	chr10	86165771	86166204	-	0.001961
Hsp90b1	MmuINT0079294	chr10	86164774	86165653	-	0.000765
Hsp90b1	MmuINT0079295	chr10	86161441	86164441	-	0.00433
Hsp90b1	MmuINT0079296	chr10	86161184	86161328	-	0.000941
Hsp90b1	MmuINT0079297	chr10	86159581	86161063	-	0.005352
Hsp90b1	MmuINT0079298	chr10	86158709	86159463	-	0.001709

Hsp90b1	MmuINT0079299	chr10	86158483	86158570	-	0.004991
Hspa12a	MmuINT0079306	chr19	58895607	58896553	-	0.01636
Hspa12b	MmuINT0079311	chr2	1.31E+08	1.31E+08	+	0.099344
Hspa12b	MmuINT0079312	chr2	1.31E+08	1.31E+08	+	0.013486
Hspa12b	MmuINT0079313	chr2	1.31E+08	1.31E+08	+	0.021459
Hspa12b	MmuINT0079314	chr2	1.31E+08	1.31E+08	+	0.076343
Hspa12b	MmuINT0079315	chr2	1.31E+08	1.31E+08	+	0.077109
Hspa12b	MmuINT0079316	chr2	1.31E+08	1.31E+08	+	0.02763
Hspa12b	MmuINT0079317	chr2	1.31E+08	1.31E+08	+	0.107396
Hspa12b	MmuINT0079318	chr2	1.31E+08	1.31E+08	+	0.118283
Hspa12b	MmuINT0079319	chr2	1.31E+08	1.31E+08	+	0.060614
Hspa12b	MmuINT0079320	chr2	1.31E+08	1.31E+08	+	0.185798
Hspa12b	MmuINT0079321	chr2	1.31E+08	1.31E+08	+	0.101626
Hspa12b	MmuINT0079322	chr2	1.31E+08	1.31E+08	+	0.052912
Hspa13	MmuINT0079324	chr16	75765530	75766979	-	0.038842
Hspa13	MmuINT0079325	chr16	75761555	75765188	-	0.025693
Hspa13	MmuINT0079326	chr16	75759828	75761340	-	0.019505
Hspa14	MmuINT0079329	chr2	3428527	3429905	-	0.010084
Hspa14	MmuINT0079330	chr2	3409006	3411769	-	0.015207
Hspa14	MmuINT0079331	chr2	3408383	3408792	-	0.009164
Hspa14	MmuINT0079332	chr2	3407041	3408208	-	0.022781
Hspa14	MmuINT0079333	chr2	3406342	3406969	-	0.102173
Hspa14	MmuINT0079334	chr2	3428370	3428445	-	0.024729
Hspa14	MmuINT0079335	chr2	3420058	3428286	-	0.064263
Hspa14	MmuINT0079337	chr2	3418411	3419765	-	0.010181
Hspa14	MmuINT0079338	chr2	3416584	3418319	-	0.011468
Hspa14	MmuINT0079339	chr2	3415456	3416478	-	0.014826
Hspa14	MmuINT0079340	chr2	3413992	3415293	-	0.007359
Hspa14	MmuINT0079341	chr2	3411873	3413835	-	0.028529
Hspa1l	MmuINT0079342	chr17	35109808	35113918	+	0.13046
Hspa4	MmuINT0079344	chr11	53105817	53113561	-	0.006105
Hspa4	MmuINT0079345	chr11	53084582	53085515	-	0.003405
Hspa4	MmuINT0079346	chr11	53083372	53084447	-	0.001346
Hspa4	MmuINT0079347	chr11	53082088	53083189	-	0.002852
Hspa4	MmuINT0079348	chr11	53080621	53081991	-	0.003762
Hspa4	MmuINT0079349	chr11	53079552	53080467	-	0.00198
Hspa4	MmuINT0079351	chr11	53076502	53078535	-	0.008713
Hspa4	MmuINT0079352	chr11	53075928	53076381	-	0.002024
Hspa4	MmuINT0079353	chr11	53075318	53075765	-	0.001992
Hspa4	MmuINT0079354	chr11	53102667	53105758	-	0.003733
Hspa4	MmuINT0079355	chr11	53100478	53102525	-	0.001886
Hspa4	MmuINT0079356	chr11	53097702	53100354	-	0.001719
Hspa4	MmuINT0079357	chr11	53097165	53097601	-	0.001618
Hspa4	MmuINT0079358	chr11	53094215	53097030	-	0.001614
Hspa4	MmuINT0079359	chr11	53088722	53093969	-	0.002411
Hspa4	MmuINT0079360	chr11	53086381	53088644	-	0.0029
Hspa4	MmuINT0079361	chr11	53085623	53086228	-	0.001873
Hspa4l	MmuINT0079362	chr3	40549707	40554596	+	0.009941
Hspa4l	MmuINT0079363	chr3	40572781	40574432	+	0.007578
Hspa4l	MmuINT0079364	chr3	40574567	40576468	+	0.034013



Hspa4l	MmuINT0079365	chr3	40576666	40583256	+	0.005143
Hspa4l	MmuINT0079366	chr3	40583356	40585481	+	0.005382
Hspa4l	MmuINT0079367	chr3	40585620	40588150	+	0.009482
Hspa4l	MmuINT0079368	chr3	40588277	40588541	+	0.005842
Hspa4l	MmuINT0079369	chr3	40588650	40589200	+	0.004447
Hspa4l	MmuINT0079370	chr3	40589321	40590645	+	0.004487
Hspa4l	MmuINT0079371	chr3	40590808	40593122	+	0.005512
Hspa4l	MmuINT0079372	chr3	40554655	40557071	+	0.008779
Hspa4l	MmuINT0079373	chr3	40557213	40560922	+	0.006424
Hspa4l	MmuINT0079374	chr3	40561046	40564285	+	0.010382
Hspa4l	MmuINT0079375	chr3	40564386	40564703	+	0.006133
Hspa4l	MmuINT0079376	chr3	40564838	40570733	+	0.006781
Hspa4l	MmuINT0079377	chr3	40570979	40571124	+	0.006788
Hspa4l	MmuINT0079378	chr3	40571202	40571891	+	0.00729
Hspa4l	MmuINT0079379	chr3	40572044	40572673	+	0.008812
Hspa5	MmuINT0079380	chr2	34627667	34627748	+	0.145685
Hspa5	MmuINT0079381	chr2	34628311	34628689	+	0.001062
Hspa5	MmuINT0079382	chr2	34628828	34629340	+	0.002202
Hspa5	MmuINT0079383	chr2	34629454	34629547	+	0.002702
Hspa5	MmuINT0079384	chr2	34629939	34630054	+	0.002373
Hspa5	MmuINT0079385	chr2	34630293	34630585	+	0.001559
Hspa5	MmuINT0079386	chr2	34630754	34631070	+	0.001937
Hspa9	MmuINT0079395	chr18	35112390	35113823	-	0.002212
Hspa9	MmuINT0079396	chr18	35101747	35102729	-	0.000139
Hspa9	MmuINT0079397	chr18	35100599	35101518	-	0.000581
Hspa9	MmuINT0079399	chr18	35099092	35099850	-	0.000127
Hspa9	MmuINT0079400	chr18	35098680	35098996	-	0.002029
Hspa9	MmuINT0079402	chr18	35098048	35098237	-	0.000899
Hspa9	MmuINT0079403	chr18	35112138	35112330	-	0.001991
Hspa9	MmuINT0079404	chr18	35111060	35112049	-	0.001806
Hspa9	MmuINT0079406	chr18	35107834	35108670	-	0.00029
Hspa9	MmuINT0079407	chr18	35107672	35107759	-	0.000163
Hspa9	MmuINT0079409	chr18	35105691	35106149	-	0.000351
Hspa9	MmuINT0079410	chr18	35102940	35105597	-	0.000268
Hspb11	MmuINT0079414	chr4	1.07E+08	1.07E+08	+	0.016391
Hspb11	MmuINT0079415	chr4	1.07E+08	1.07E+08	+	0.023604
Hspb11	MmuINT0079416	chr4	1.07E+08	1.07E+08	+	0.032751
Hspb11	MmuINT0079417	chr4	1.07E+08	1.07E+08	+	0.024957
Hspb6	MmuINT0079419	chr7	31338552	31339280	+	0.003458
Hspb6	MmuINT0079420	chr7	31339404	31339487	+	0.001551
Hspb7	MmuINT0079421	chr4	1.41E+08	1.41E+08	+	0.004948
Hspb7	MmuINT0079422	chr4	1.41E+08	1.41E+08	+	0.005007
Hspb8	MmuINT0079423	chr5	1.17E+08	1.17E+08	-	0.00103
Hspb8	MmuINT0079424	chr5	1.17E+08	1.17E+08	-	0.004469
Hspbap1	MmuINT0079425	chr16	35770626	35787275	+	0.105539
Hspbap1	MmuINT0079426	chr16	35787462	35801622	+	0.066938
Hspbap1	MmuINT0079427	chr16	35801805	35814003	+	0.045323
Hspbap1	MmuINT0079429	chr16	35817410	35818764	+	0.054606
Hspbap1	MmuINT0079430	chr16	35818849	35824774	+	0.087383
Hspbap1	MmuINT0079432	chr7	4636172	4636495	-	0.117524

Hspbp1	MmuINT0079433	chr7	4633651	4635873	-	0.014101
Hspbp1	MmuINT0079434	chr7	4629534	4633445	-	0.004651
Hspbp1	MmuINT0079435	chr7	4616461	4629308	-	0.005426
Hspbp1	MmuINT0079436	chr7	4616219	4616304	-	0.005621
Hspbp1	MmuINT0079437	chr7	4615095	4616121	-	0.015161
Hspbp1	MmuINT0079438	chr7	4612448	4614982	-	0.020822
Hspg2	MmuINT0079453	chr4	1.37E+08	1.37E+08	+	0.007673
Hspg2	MmuINT0079454	chr4	1.37E+08	1.37E+08	+	0.004753
Hspg2	MmuINT0079455	chr4	1.37E+08	1.37E+08	+	0.010511
Hspg2	MmuINT0079456	chr4	1.37E+08	1.37E+08	+	0.008876
Hspg2	MmuINT0079457	chr4	1.37E+08	1.37E+08	+	0.015196
Hspg2	MmuINT0079458	chr4	1.37E+08	1.37E+08	+	0.005266
Hspg2	MmuINT0079459	chr4	1.37E+08	1.37E+08	+	0.004522
Hspg2	MmuINT0079460	chr4	1.37E+08	1.37E+08	+	0.007885
Hspg2	MmuINT0079461	chr4	1.37E+08	1.37E+08	+	0.006595
Hspg2	MmuINT0079462	chr4	1.37E+08	1.37E+08	+	0.005746
Hspg2	MmuINT0079463	chr4	1.37E+08	1.37E+08	+	0.007035
Hspg2	MmuINT0079464	chr4	1.37E+08	1.37E+08	+	0.008302
Hspg2	MmuINT0079465	chr4	1.37E+08	1.37E+08	+	0.010009
Hspg2	MmuINT0079466	chr4	1.37E+08	1.37E+08	+	0.013518
Hspg2	MmuINT0079467	chr4	1.37E+08	1.37E+08	+	0.006755
Hspg2	MmuINT0079468	chr4	1.37E+08	1.37E+08	+	0.008463
Hspg2	MmuINT0079469	chr4	1.37E+08	1.37E+08	+	0.005566
Hspg2	MmuINT0079470	chr4	1.37E+08	1.37E+08	+	0.008856
Hspg2	MmuINT0079471	chr4	1.37E+08	1.37E+08	+	0.007655
Hspg2	MmuINT0079472	chr4	1.37E+08	1.37E+08	+	0.007503
Hspg2	MmuINT0079473	chr4	1.37E+08	1.37E+08	+	0.007266
Hspg2	MmuINT0079474	chr4	1.37E+08	1.37E+08	+	0.01264
Hspg2	MmuINT0079475	chr4	1.37E+08	1.37E+08	+	0.015332
Hspg2	MmuINT0079476	chr4	1.37E+08	1.37E+08	+	0.013045
Hspg2	MmuINT0079477	chr4	1.37E+08	1.37E+08	+	0.006823
Hspg2	MmuINT0079478	chr4	1.37E+08	1.37E+08	+	0.006171
Hspg2	MmuINT0079479	chr4	1.37E+08	1.37E+08	+	0.025251
Hspg2	MmuINT0079480	chr4	1.37E+08	1.37E+08	+	0.006527
Hspg2	MmuINT0079481	chr4	1.37E+08	1.37E+08	+	0.005172
Hspg2	MmuINT0079482	chr4	1.37E+08	1.37E+08	+	0.004451
Hspg2	MmuINT0079483	chr4	1.37E+08	1.37E+08	+	0.005056
Hspg2	MmuINT0079484	chr4	1.37E+08	1.37E+08	+	0.005536
Hspg2	MmuINT0079485	chr4	1.37E+08	1.37E+08	+	0.006823
Hspg2	MmuINT0079486	chr4	1.37E+08	1.37E+08	+	0.009786
Hspg2	MmuINT0079487	chr4	1.37E+08	1.37E+08	+	0.006984
Hspg2	MmuINT0079488	chr4	1.37E+08	1.37E+08	+	0.004339
Hspg2	MmuINT0079489	chr4	1.37E+08	1.37E+08	+	0.005825
Hspg2	MmuINT0079490	chr4	1.37E+08	1.37E+08	+	0.005202
Hspg2	MmuINT0079491	chr4	1.37E+08	1.37E+08	+	0.005076
Hspg2	MmuINT0079492	chr4	1.37E+08	1.37E+08	+	0.005054
Hspg2	MmuINT0079493	chr4	1.37E+08	1.37E+08	+	0.005719
Hspg2	MmuINT0079494	chr4	1.37E+08	1.37E+08	+	0.004505
Hspg2	MmuINT0079495	chr4	1.37E+08	1.37E+08	+	0.004703
Hspg2	MmuINT0079496	chr4	1.37E+08	1.37E+08	+	0.004807

Hspg2	MmuINT0079497	chr4	1.37E+08	1.37E+08	+	0.008749
Hspg2	MmuINT0079498	chr4	1.37E+08	1.37E+08	+	0.006014
Hspg2	MmuINT0079499	chr4	1.37E+08	1.37E+08	+	0.004239
Hspg2	MmuINT0079500	chr4	1.37E+08	1.37E+08	+	0.027872
Hspg2	MmuINT0079501	chr4	1.37E+08	1.37E+08	+	0.028587
Hspg2	MmuINT0079502	chr4	1.37E+08	1.37E+08	+	0.008657
Hspg2	MmuINT0079503	chr4	1.37E+08	1.37E+08	+	0.04892
Hspg2	MmuINT0079504	chr4	1.37E+08	1.37E+08	+	0.041402
Hspg2	MmuINT0079505	chr4	1.37E+08	1.37E+08	+	0.017341
Hspg2	MmuINT0079506	chr4	1.37E+08	1.37E+08	+	0.011579
Hspg2	MmuINT0079507	chr4	1.37E+08	1.37E+08	+	0.003749
Hspg2	MmuINT0079508	chr4	1.37E+08	1.37E+08	+	0.011217
Hspg2	MmuINT0079509	chr4	1.37E+08	1.37E+08	+	0.003047
Hspg2	MmuINT0079510	chr4	1.37E+08	1.37E+08	+	0.003648
Hspg2	MmuINT0079511	chr4	1.37E+08	1.37E+08	+	0.003101
Hspg2	MmuINT0079512	chr4	1.37E+08	1.37E+08	+	0.011108
Hspg2	MmuINT0079514	chr4	1.37E+08	1.37E+08	+	0.011071
Hspg2	MmuINT0079515	chr4	1.37E+08	1.37E+08	+	0.002702
Hspg2	MmuINT0079516	chr4	1.37E+08	1.37E+08	+	0.006434
Hspg2	MmuINT0079517	chr4	1.37E+08	1.37E+08	+	0.002137
Hspg2	MmuINT0079518	chr4	1.37E+08	1.37E+08	+	0.005498
Hspg2	MmuINT0079519	chr4	1.37E+08	1.37E+08	+	0.005284
Hspg2	MmuINT0079520	chr4	1.37E+08	1.37E+08	+	0.008955
Hspg2	MmuINT0079521	chr4	1.37E+08	1.37E+08	+	0.003779
Hspg2	MmuINT0079522	chr4	1.37E+08	1.37E+08	+	0.00239
Hspg2	MmuINT0079523	chr4	1.37E+08	1.37E+08	+	0.003029
Hspg2	MmuINT0079524	chr4	1.37E+08	1.37E+08	+	0.002482
Hspg2	MmuINT0079525	chr4	1.37E+08	1.37E+08	+	0.004642
Hspg2	MmuINT0079526	chr4	1.37E+08	1.37E+08	+	0.008161
Hspg2	MmuINT0079527	chr4	1.37E+08	1.37E+08	+	0.031186
Hspg2	MmuINT0079528	chr4	1.37E+08	1.37E+08	+	0.007854
Hspg2	MmuINT0079529	chr4	1.37E+08	1.37E+08	+	0.005029
Hspg2	MmuINT0079530	chr4	1.37E+08	1.37E+08	+	0.00592
Hspg2	MmuINT0079531	chr4	1.37E+08	1.37E+08	+	0.008681
Hspg2	MmuINT0079532	chr4	1.37E+08	1.37E+08	+	0.011294
Hspg2	MmuINT0079533	chr4	1.37E+08	1.37E+08	+	0.027767
Hspg2	MmuINT0079534	chr4	1.37E+08	1.37E+08	+	0.002189
Hspg2	MmuINT0079535	chr4	1.37E+08	1.37E+08	+	0.003164
Hspg2	MmuINT0079536	chr4	1.37E+08	1.37E+08	+	0.01077
Hspg2	MmuINT0079537	chr4	1.37E+08	1.37E+08	+	0.014163
Hspg2	MmuINT0079538	chr4	1.37E+08	1.37E+08	+	0.006367
Hspg2	MmuINT0079539	chr4	1.37E+08	1.37E+08	+	0.007691
Hspg2	MmuINT0079540	chr4	1.37E+08	1.37E+08	+	0.004399
Hspg2	MmuINT0079541	chr4	1.37E+08	1.37E+08	+	0.006681
Hspg2	MmuINT0079542	chr4	1.37E+08	1.37E+08	+	0.004265
Hspg2	MmuINT0079543	chr4	1.37E+08	1.37E+08	+	0.013465
Hspg2	MmuINT0079544	chr4	1.37E+08	1.37E+08	+	0.005369
Hspg2	MmuINT0079545	chr4	1.37E+08	1.37E+08	+	0.012125
Hspg2	MmuINT0079546	chr4	1.37E+08	1.37E+08	+	0.004366
Hspg2	MmuINT0079547	chr4	1.37E+08	1.37E+08	+	0.046729

Hspg2	MmuINT0079548	chr4	1.37E+08	1.37E+08	+	0.025478
Hsph1	MmuINT0079549	chr5	1.5E+08	1.5E+08	-	0.010984
Hsph1	MmuINT0079550	chr5	1.5E+08	1.5E+08	-	0.005899
Hsph1	MmuINT0079551	chr5	1.5E+08	1.5E+08	-	0.009012
Hsph1	MmuINT0079552	chr5	1.5E+08	1.5E+08	-	0.037667
Hsph1	MmuINT0079553	chr5	1.5E+08	1.5E+08	-	0.014192
Hsph1	MmuINT0079554	chr5	1.5E+08	1.5E+08	-	0.038977
Hsph1	MmuINT0079555	chr5	1.5E+08	1.5E+08	-	0.00485
Hsph1	MmuINT0079556	chr5	1.5E+08	1.5E+08	-	0.008735
Hsph1	MmuINT0079557	chr5	1.5E+08	1.5E+08	-	0.003986
Hsph1	MmuINT0079558	chr5	1.5E+08	1.5E+08	-	0.007881
Hsph1	MmuINT0079559	chr5	1.5E+08	1.5E+08	-	0.005006
Hsph1	MmuINT0079560	chr5	1.5E+08	1.5E+08	-	0.00558
Hsph1	MmuINT0079561	chr5	1.5E+08	1.5E+08	-	0.006086
Hsph1	MmuINT0079562	chr5	1.5E+08	1.5E+08	-	0.005688
Hsph1	MmuINT0079563	chr5	1.5E+08	1.5E+08	-	0.005853
Hsph1	MmuINT0079564	chr5	1.5E+08	1.5E+08	-	0.007954
Hsph1	MmuINT0079565	chr5	1.5E+08	1.5E+08	-	0.005221
Htatip2	MmuINT0079566	chr7	57015164	57017429	+	0.013994
Htatip2	MmuINT0079567	chr7	57017538	57026179	+	0.019731
Htatip2	MmuINT0079568	chr7	57026318	57027945	+	0.008168
Htatip2	MmuINT0079569	chr7	57028008	57028670	+	0.01338
Htatsf1	MmuINT0079570	chrX	54306943	54307130	+	0.087141
Htatsf1	MmuINT0079571	chrX	54307376	54308674	+	0.02768
Htatsf1	MmuINT0079572	chrX	54308856	54309221	+	0.034527
Htatsf1	MmuINT0079573	chrX	54309270	54309676	+	0.013888
Htatsf1	MmuINT0079574	chrX	54309832	54312062	+	0.011753
Htatsf1	MmuINT0079575	chrX	54312227	54313030	+	0.003516
Htatsf1	MmuINT0079576	chrX	54313131	54317293	+	0.006233
Htatsf1	MmuINT0079577	chrX	54317384	54318182	+	0.0035
Htatsf1	MmuINT0079578	chrX	54318321	54318822	+	0.002815
Htra1	MmuINT0079620	chr7	1.38E+08	1.38E+08	+	0.006868
Htra1	MmuINT0079621	chr7	1.38E+08	1.38E+08	+	0.003418
Htra1	MmuINT0079622	chr7	1.38E+08	1.38E+08	+	0.002139
Htra1	MmuINT0079623	chr7	1.38E+08	1.38E+08	+	0.001898
Htra1	MmuINT0079624	chr7	1.38E+08	1.38E+08	+	0.003972
Htra1	MmuINT0079625	chr7	1.38E+08	1.38E+08	+	0.003457
Htra1	MmuINT0079626	chr7	1.38E+08	1.38E+08	+	0.007683
Htra1	MmuINT0079627	chr7	1.38E+08	1.38E+08	+	0.002141
Htra2	MmuINT0079628	chr6	83003812	83003914	-	0.083192
Htra2	MmuINT0079629	chr6	83003518	83003606	-	0.046058
Htra2	MmuINT0079631	chr6	83002798	83003031	-	0.126999
Htra2	MmuINT0079632	chr6	83001832	83002466	-	0.022172
Htra2	MmuINT0079633	chr6	83001629	83001735	-	0.042815
Htra3	MmuINT0079635	chr5	36013781	36021592	-	0.036215
Htra3	MmuINT0079636	chr5	36011055	36013680	-	0.004919
Htra3	MmuINT0079637	chr5	36008894	36010831	-	0.003716
Htra3	MmuINT0079638	chr5	36008096	36008698	-	0.007865
Htra3	MmuINT0079639	chr5	36006727	36008062	-	0.009697
Htra3	MmuINT0079640	chr5	35998242	36006611	-	0.134841

Htra3	MmuINT0079641	chr5	35996816	35998192	-	0.03179
Htra3	MmuINT0079642	chr5	35995772	35996719	-	0.020611
Htt	MmuINT0079654	chr5	35155842	35159791	+	0.034376
Htt	MmuINT0079656	chr5	35160466	35161247	+	0.047481
Htt	MmuINT0079657	chr5	35161360	35161545	+	0.055537
Htt	MmuINT0079658	chr5	35161684	35162599	+	0.037097
Htt	MmuINT0079659	chr5	35162759	35162850	+	0.035049
Htt	MmuINT0079661	chr5	35164500	35166509	+	0.048429
Htt	MmuINT0079664	chr5	35167108	35167463	+	0.048449
Htt	MmuINT0079665	chr5	35167611	35168595	+	0.04552
Htt	MmuINT0079666	chr5	35168717	35169903	+	0.057682
Htt	MmuINT0079667	chr5	35169981	35171121	+	0.059866
Htt	MmuINT0079668	chr5	35171274	35172325	+	0.039354
Htt	MmuINT0079669	chr5	35172529	35175215	+	0.03744
Htt	MmuINT0079670	chr5	35175343	35176909	+	0.040717
Htt	MmuINT0079671	chr5	35177038	35185439	+	0.047837
Htt	MmuINT0079672	chr5	35185551	35188638	+	0.047375
Htt	MmuINT0079674	chr5	35188717	35190102	+	0.049263
Htt	MmuINT0079675	chr5	35190327	35191379	+	0.035963
Htt	MmuINT0079676	chr5	35191459	35191585	+	0.053156
Htt	MmuINT0079677	chr5	35191748	35193867	+	0.040543
Htt	MmuINT0079678	chr5	35193924	35194731	+	0.060197
Htt	MmuINT0079679	chr5	35194881	35195408	+	0.038756
Htt	MmuINT0079680	chr5	35195546	35197323	+	0.028317
Htt	MmuINT0079681	chr5	35197441	35206894	+	0.027968
Htt	MmuINT0079682	chr5	35207018	35207294	+	0.024839
Htt	MmuINT0079683	chr5	35207528	35209223	+	0.074527
Htt	MmuINT0079685	chr5	35209367	35213358	+	0.046193
Htt	MmuINT0079686	chr5	35213567	35218554	+	0.030562
Htt	MmuINT0079687	chr5	35218697	35219378	+	0.035187
Htt	MmuINT0079688	chr5	35219559	35219673	+	0.051359
Htt	MmuINT0079689	chr5	35219851	35220076	+	0.030156
Htt	MmuINT0079690	chr5	35220154	35221451	+	0.035488
Htt	MmuINT0079691	chr5	35221591	35222452	+	0.033422
Htt	MmuINT0079692	chr5	35222576	35225498	+	0.03642
Htt	MmuINT0079693	chr5	35225713	35226620	+	0.0301
Htt	MmuINT0079694	chr5	35226767	35228000	+	0.138742
Htt	MmuINT0079696	chr5	35228179	35229153	+	0.033573
Htt	MmuINT0079697	chr5	35229250	35231978	+	0.034583
Htt	MmuINT0079698	chr5	35232167	35233999	+	0.023569
Htt	MmuINT0079699	chr5	35234127	35236993	+	0.02929
Htt	MmuINT0079700	chr5	35237095	35237987	+	0.03225
Htt	MmuINT0079701	chr5	35238143	35238532	+	0.028085
Htt	MmuINT0079702	chr5	35238673	35239536	+	0.039105
Htt	MmuINT0079703	chr5	35239620	35241177	+	0.030791
Htt	MmuINT0079704	chr5	35241309	35241445	+	0.040343
Htt	MmuINT0079705	chr5	35241576	35242420	+	0.056784
Htt	MmuINT0079706	chr5	35142165	35146366	+	0.055562
Htt	MmuINT0079707	chr5	35242577	35245857	+	0.035916
Htt	MmuINT0079708	chr5	35246049	35247962	+	0.045786

Htt	MmulNT0079709	chr5	35248078	35248179	+	0.023296
Htt	MmulNT0079710	chr5	35248394	35248747	+	0.025523
Htt	MmulNT0079711	chr5	35248854	35249732	+	0.039779
Htt	MmulNT0079712	chr5	35249896	35250081	+	0.023785
Htt	MmulNT0079713	chr5	35250243	35251280	+	0.023553
Htt	MmulNT0079715	chr5	35147330	35149221	+	0.033949
Hus1	MmulNT0079727	chr11	8910628	8911061	-	0.472436
Hus1	MmulNT0079728	chr11	8910421	8910499	-	0.123263
Hus1	MmulNT0079730	chr11	8906067	8907496	-	0.025943
Hus1	MmulNT0079731	chr11	8900180	8905991	-	0.041927
Hus1	MmulNT0079732	chr11	8898760	8900079	-	0.040062
Hus1	MmulNT0079733	chr11	8896936	8898639	-	0.091341
Huwe1	MmulNT0079734	chrX	1.48E+08	1.48E+08	+	0.030068
Huwe1	MmulNT0079735	chrX	1.48E+08	1.48E+08	+	0.01853
Huwe1	MmulNT0079736	chrX	1.48E+08	1.48E+08	+	0.016349
Huwe1	MmulNT0079737	chrX	1.48E+08	1.48E+08	+	0.018728
Huwe1	MmulNT0079738	chrX	1.48E+08	1.48E+08	+	0.010831
Huwe1	MmulNT0079739	chrX	1.48E+08	1.48E+08	+	0.012327
Huwe1	MmulNT0079740	chrX	1.48E+08	1.48E+08	+	0.011398
Huwe1	MmulNT0079741	chrX	1.48E+08	1.48E+08	+	0.067935
Huwe1	MmulNT0079742	chrX	1.48E+08	1.48E+08	+	0.020859
Huwe1	MmulNT0079743	chrX	1.48E+08	1.48E+08	+	0.013553
Huwe1	MmulNT0079744	chrX	1.48E+08	1.48E+08	+	0.014029
Huwe1	MmulNT0079745	chrX	1.48E+08	1.48E+08	+	0.012524
Huwe1	MmulNT0079746	chrX	1.48E+08	1.48E+08	+	0.010211
Huwe1	MmulNT0079747	chrX	1.48E+08	1.48E+08	+	0.0111
Huwe1	MmulNT0079748	chrX	1.48E+08	1.48E+08	+	0.01281
Huwe1	MmulNT0079749	chrX	1.48E+08	1.48E+08	+	0.013265
Huwe1	MmulNT0079750	chrX	1.48E+08	1.48E+08	+	0.100839
Huwe1	MmulNT0079751	chrX	1.48E+08	1.48E+08	+	0.011651
Huwe1	MmulNT0079752	chrX	1.48E+08	1.48E+08	+	0.008617
Huwe1	MmulNT0079753	chrX	1.48E+08	1.48E+08	+	0.009387
Huwe1	MmulNT0079754	chrX	1.48E+08	1.48E+08	+	0.008351
Huwe1	MmulNT0079755	chrX	1.48E+08	1.48E+08	+	0.011559
Huwe1	MmulNT0079756	chrX	1.48E+08	1.48E+08	+	0.014391
Huwe1	MmulNT0079757	chrX	1.48E+08	1.48E+08	+	0.010263
Huwe1	MmulNT0079758	chrX	1.48E+08	1.48E+08	+	0.007294
Huwe1	MmulNT0079759	chrX	1.48E+08	1.48E+08	+	0.007579
Huwe1	MmulNT0079760	chrX	1.48E+08	1.48E+08	+	0.007412
Huwe1	MmulNT0079761	chrX	1.48E+08	1.48E+08	+	0.007292
Huwe1	MmulNT0079762	chrX	1.48E+08	1.48E+08	+	0.009446
Huwe1	MmulNT0079763	chrX	1.48E+08	1.48E+08	+	0.008844
Huwe1	MmulNT0079764	chrX	1.48E+08	1.48E+08	+	0.010128
Huwe1	MmulNT0079765	chrX	1.48E+08	1.48E+08	+	0.00884
Huwe1	MmulNT0079766	chrX	1.48E+08	1.48E+08	+	0.004383
Huwe1	MmulNT0079767	chrX	1.48E+08	1.48E+08	+	0.01399
Huwe1	MmulNT0079768	chrX	1.48E+08	1.48E+08	+	0.004711
Huwe1	MmulNT0079769	chrX	1.48E+08	1.48E+08	+	0.006737
Huwe1	MmulNT0079770	chrX	1.48E+08	1.48E+08	+	0.007758
Huwe1	MmulNT0079771	chrX	1.48E+08	1.48E+08	+	0.006458

Huwe1	MmuINT0079772	chrX	1.48E+08	1.48E+08	+	0.009056
Huwe1	MmuINT0079773	chrX	1.48E+08	1.48E+08	+	0.008146
Huwe1	MmuINT0079774	chrX	1.48E+08	1.48E+08	+	0.006466
Huwe1	MmuINT0079775	chrX	1.48E+08	1.48E+08	+	0.007678
Huwe1	MmuINT0079776	chrX	1.48E+08	1.48E+08	+	0.005032
Huwe1	MmuINT0079777	chrX	1.48E+08	1.48E+08	+	0.004286
Huwe1	MmuINT0079778	chrX	1.48E+08	1.48E+08	+	0.008917
Huwe1	MmuINT0079779	chrX	1.48E+08	1.48E+08	+	0.015439
Huwe1	MmuINT0079780	chrX	1.48E+08	1.48E+08	+	0.007863
Huwe1	MmuINT0079781	chrX	1.48E+08	1.48E+08	+	0.007081
Huwe1	MmuINT0079782	chrX	1.48E+08	1.48E+08	+	0.005177
Huwe1	MmuINT0079783	chrX	1.48E+08	1.48E+08	+	0.04057
Huwe1	MmuINT0079784	chrX	1.48E+08	1.48E+08	+	0.004503
Huwe1	MmuINT0079785	chrX	1.48E+08	1.48E+08	+	0.005849
Huwe1	MmuINT0079786	chrX	1.48E+08	1.48E+08	+	0.005163
Huwe1	MmuINT0079787	chrX	1.48E+08	1.48E+08	+	0.007026
Huwe1	MmuINT0079788	chrX	1.48E+08	1.48E+08	+	0.009025
Huwe1	MmuINT0079789	chrX	1.48E+08	1.48E+08	+	0.012006
Huwe1	MmuINT0079790	chrX	1.48E+08	1.48E+08	+	0.004373
Huwe1	MmuINT0079791	chrX	1.48E+08	1.48E+08	+	0.004332
Huwe1	MmuINT0079792	chrX	1.48E+08	1.48E+08	+	0.004057
Huwe1	MmuINT0079793	chrX	1.48E+08	1.48E+08	+	0.003919
Huwe1	MmuINT0079794	chrX	1.48E+08	1.48E+08	+	0.015658
Huwe1	MmuINT0079795	chrX	1.48E+08	1.48E+08	+	0.006008
Huwe1	MmuINT0079796	chrX	1.48E+08	1.48E+08	+	0.005678
Huwe1	MmuINT0079797	chrX	1.48E+08	1.48E+08	+	0.008078
Huwe1	MmuINT0079798	chrX	1.48E+08	1.48E+08	+	0.003489
Huwe1	MmuINT0079799	chrX	1.48E+08	1.48E+08	+	0.002939
Huwe1	MmuINT0079800	chrX	1.48E+08	1.48E+08	+	0.012491
Huwe1	MmuINT0079801	chrX	1.48E+08	1.48E+08	+	0.003262
Huwe1	MmuINT0079802	chrX	1.48E+08	1.48E+08	+	0.005448
Huwe1	MmuINT0079803	chrX	1.48E+08	1.48E+08	+	0.035337
Huwe1	MmuINT0079804	chrX	1.48E+08	1.48E+08	+	0.010797
Huwe1	MmuINT0079805	chrX	1.48E+08	1.48E+08	+	0.003922
Huwe1	MmuINT0079806	chrX	1.48E+08	1.48E+08	+	0.003303
Huwe1	MmuINT0079807	chrX	1.48E+08	1.48E+08	+	0.007599
Huwe1	MmuINT0079808	chrX	1.48E+08	1.48E+08	+	0.009005
Huwe1	MmuINT0079809	chrX	1.48E+08	1.48E+08	+	0.002872
Huwe1	MmuINT0079810	chrX	1.48E+08	1.48E+08	+	0.003576
Huwe1	MmuINT0079811	chrX	1.48E+08	1.48E+08	+	0.035691
Huwe1	MmuINT0079812	chrX	1.48E+08	1.48E+08	+	0.003445
Huwe1	MmuINT0079813	chrX	1.48E+08	1.48E+08	+	0.007177
Huwe1	MmuINT0079814	chrX	1.48E+08	1.48E+08	+	0.002651
Huwe1	MmuINT0079815	chrX	1.48E+08	1.48E+08	+	0.02724
Hvcn1	MmuINT0079820	chr5	1.23E+08	1.23E+08	+	0.905025
Hyal2	MmuINT0079824	chr9	1.07E+08	1.07E+08	+	0.094252
Hyal2	MmuINT0079825	chr9	1.07E+08	1.07E+08	+	0.053677
Hyal2	MmuINT0079826	chr9	1.07E+08	1.07E+08	+	0.019492
Hyi	MmuINT0079927	chr4	1.18E+08	1.18E+08	+	0.947505
Hyi	MmuINT0079928	chr4	1.18E+08	1.18E+08	+	0.073804

Hyi	MmuINT0079929	chr4	1.18E+08	1.18E+08	+	0.081906
Hyi	MmuINT0079930	chr4	1.18E+08	1.18E+08	+	0.060278
Hyi	MmuINT0079931	chr4	1.18E+08	1.18E+08	+	0.087676
Hyi	MmuINT0079932	chr4	1.18E+08	1.18E+08	+	0.088679
Hyou1	MmuINT0079937	chr9	44187679	44188595	+	0.079232
Hyou1	MmuINT0079938	chr9	44192655	44192744	+	0.020237
Hyou1	MmuINT0079939	chr9	44192828	44192912	+	0.02652
Hyou1	MmuINT0079940	chr9	44193046	44193200	+	0.02763
Hyou1	MmuINT0079941	chr9	44193389	44193649	+	0.016087
Hyou1	MmuINT0079942	chr9	44193789	44195114	+	0.012211
Hyou1	MmuINT0079943	chr9	44195176	44195332	+	0.045461
Hyou1	MmuINT0079944	chr9	44195413	44195770	+	0.016419
Hyou1	MmuINT0079945	chr9	44195957	44196088	+	0.010317
Hyou1	MmuINT0079946	chr9	44196262	44196360	+	0.011767
Hyou1	MmuINT0079947	chr9	44196449	44196564	+	0.01357
Hyou1	MmuINT0079948	chr9	44188694	44188898	+	0.017922
Hyou1	MmuINT0079949	chr9	44196688	44196874	+	0.017861
Hyou1	MmuINT0079950	chr9	44197009	44197120	+	0.013988
Hyou1	MmuINT0079951	chr9	44197206	44197313	+	0.011173
Hyou1	MmuINT0079952	chr9	44197555	44197659	+	0.027351
Hyou1	MmuINT0079953	chr9	44197711	44198918	+	0.040472
Hyou1	MmuINT0079954	chr9	44198970	44199071	+	0.014521
Hyou1	MmuINT0079955	chr9	44188993	44189136	+	0.03199
Hyou1	MmuINT0079956	chr9	44189216	44189336	+	0.017578
Hyou1	MmuINT0079957	chr9	44189492	44189596	+	0.016122
Hyou1	MmuINT0079958	chr9	44189674	44189924	+	0.020898
Hyou1	MmuINT0079959	chr9	44190107	44190535	+	0.011758
Hyou1	MmuINT0079960	chr9	44190652	44192191	+	0.011626
Hyou1	MmuINT0079961	chr9	44192385	44192519	+	0.008091
lah1	MmuINT0079971	chr12	21322374	21323236	+	0.034232
lah1	MmuINT0079972	chr12	21323290	21323758	+	0.031122
lah1	MmuINT0079973	chr12	21323908	21325630	+	0.023984
lah1	MmuINT0079974	chr12	21325793	21327194	+	0.091422
lah1	MmuINT0079975	chr12	21327317	21329149	+	0.03393
lars	MmuINT0079978	chr13	49777573	49782754	+	0.012838
lars	MmuINT0079979	chr13	49798632	49799639	+	0.023908
lars	MmuINT0079980	chr13	49799763	49800201	+	0.013332
lars	MmuINT0079981	chr13	49800294	49801155	+	0.011671
lars	MmuINT0079982	chr13	49801255	49802047	+	0.00553
lars	MmuINT0079983	chr13	49802175	49803774	+	0.009341
lars	MmuINT0079984	chr13	49803849	49804947	+	0.007029
lars	MmuINT0079985	chr13	49805143	49807118	+	0.003107
lars	MmuINT0079987	chr13	49810267	49811053	+	0.004316
lars	MmuINT0079988	chr13	49811199	49813274	+	0.00623
lars	MmuINT0079989	chr13	49782881	49783525	+	0.006002
lars	MmuINT0079992	chr13	49816528	49817514	+	0.005078
lars	MmuINT0079994	chr13	49818142	49818361	+	0.005535
lars	MmuINT0079996	chr13	49820162	49820589	+	0.003925
lars	MmuINT0080000	chr13	49783683	49783892	+	0.005321
lars	MmuINT0080003	chr13	49826931	49827708	+	0.006541



lars	MmuINT0080004	chr13	49827862	49829027	+	0.007232
lars	MmuINT0080005	chr13	49784013	49785816	+	0.009316
lars	MmuINT0080006	chr13	49785900	49786862	+	0.007073
lars	MmuINT0080007	chr13	49786981	49788392	+	0.008088
lars	MmuINT0080008	chr13	49788541	49797212	+	0.007229
lars	MmuINT0080009	chr13	49797301	49797856	+	0.009281
lars	MmuINT0080010	chr13	49797918	49798535	+	0.011544
lars2	MmuINT0080011	chr1	1.87E+08	1.87E+08	-	0.00302
lars2	MmuINT0080012	chr1	1.87E+08	1.87E+08	-	0.003643
lars2	MmuINT0080013	chr1	1.87E+08	1.87E+08	-	0.002568
lars2	MmuINT0080014	chr1	1.87E+08	1.87E+08	-	0.003567
lars2	MmuINT0080015	chr1	1.87E+08	1.87E+08	-	0.003334
lars2	MmuINT0080016	chr1	1.87E+08	1.87E+08	-	0.004266
lars2	MmuINT0080017	chr1	1.87E+08	1.87E+08	-	0.002275
lars2	MmuINT0080018	chr1	1.87E+08	1.87E+08	-	0.003189
lars2	MmuINT0080019	chr1	1.87E+08	1.87E+08	-	0.003323
lars2	MmuINT0080020	chr1	1.87E+08	1.87E+08	-	0.006006
lars2	MmuINT0080021	chr1	1.87E+08	1.87E+08	-	0.005786
lars2	MmuINT0080022	chr1	1.87E+08	1.87E+08	-	0.002941
lars2	MmuINT0080023	chr1	1.87E+08	1.87E+08	-	0.00145
lars2	MmuINT0080024	chr1	1.87E+08	1.87E+08	-	0.009891
lars2	MmuINT0080025	chr1	1.87E+08	1.87E+08	-	0.012556
lars2	MmuINT0080026	chr1	1.87E+08	1.87E+08	-	0.002125
lars2	MmuINT0080027	chr1	1.87E+08	1.87E+08	-	0.003523
lars2	MmuINT0080028	chr1	1.87E+08	1.87E+08	-	0.004042
lars2	MmuINT0080029	chr1	1.87E+08	1.87E+08	-	0.00337
lars2	MmuINT0080030	chr1	1.87E+08	1.87E+08	-	0.002352
lars2	MmuINT0080031	chr1	1.87E+08	1.87E+08	-	0.004415
lars2	MmuINT0080032	chr1	1.87E+08	1.87E+08	-	0.002266
lbtck	MmuINT0080039	chr9	85631172	85636981	-	0.019092
lbtck	MmuINT0080040	chr9	85614954	85615881	-	0.008593
lbtck	MmuINT0080041	chr9	85613557	85614350	-	0.020762
lbtck	MmuINT0080042	chr9	85612703	85613469	-	0.016733
lbtck	MmuINT0080043	chr9	85612540	85612619	-	0.023649
lbtck	MmuINT0080044	chr9	85612065	85612501	-	0.018332
lbtck	MmuINT0080045	chr9	85611260	85611967	-	0.017549
lbtck	MmuINT0080046	chr9	85609024	85611157	-	0.019324
lbtck	MmuINT0080047	chr9	85607856	85608905	-	0.012905
lbtck	MmuINT0080048	chr9	85607326	85607794	-	0.011022
lbtck	MmuINT0080049	chr9	85604096	85607203	-	0.013591
lbtck	MmuINT0080050	chr9	85628707	85631074	-	0.012713
lbtck	MmuINT0080052	chr9	85600212	85601630	-	0.015173
lbtck	MmuINT0080053	chr9	85597351	85600050	-	0.013479
lbtck	MmuINT0080054	chr9	85596766	85597257	-	0.016909
lbtck	MmuINT0080055	chr9	85590873	85596621	-	0.008128
lbtck	MmuINT0080056	chr9	85584373	85590725	-	0.002703
lbtck	MmuINT0080059	chr9	85626349	85628581	-	0.014337
lbtck	MmuINT0080060	chr9	85624862	85626237	-	0.01776
lbtck	MmuINT0080061	chr9	85622401	85624690	-	0.011106
lbtck	MmuINT0080062	chr9	85622194	85622282	-	0.01251

lbt	MmuINT0080063	chr9	85620341	85622012	-	0.008691
lbt	MmuINT0080064	chr9	85617832	85620216	-	0.018142
lbt	MmuINT0080065	chr9	85616060	85617653	-	0.015764
lca1	MmuINT0080068	chr6	8603536	8603629	-	0.046516
lca1	MmuINT0080069	chr6	8594243	8603496	-	0.025415
lca1	MmuINT0080070	chr6	8580798	8593972	-	0.088916
lca1	MmuINT0080072	chr6	8699768	8704588	-	0.031633
lca1	MmuINT0080073	chr6	8692379	8699694	-	0.026092
lca1	MmuINT0080074	chr6	8687216	8692254	-	0.026915
lca1	MmuINT0080075	chr6	8622424	8687016	-	0.026987
lca1	MmuINT0080076	chr6	8620793	8622297	-	0.035868
lca1	MmuINT0080077	chr6	8608315	8620693	-	0.024489
lca1	MmuINT0080078	chr6	8606409	8608219	-	0.043478
lcam1	MmuINT0080089	chr9	20820546	20823362	+	0.033595
lcam1	MmuINT0080090	chr9	20823624	20829987	+	0.077335
lcam1	MmuINT0080091	chr9	20830303	20830755	+	0.109481
lcam1	MmuINT0080092	chr9	20831044	20831521	+	0.106232
lcam1	MmuINT0080093	chr9	20831780	20831875	+	0.050207
lcam1	MmuINT0080094	chr9	20832125	20832214	+	0.05947
lcam2	MmuINT0080095	chr11	1.06E+08	1.06E+08	-	0.010528
lcam2	MmuINT0080096	chr11	1.06E+08	1.06E+08	-	0.097895
lcam2	MmuINT0080097	chr11	1.06E+08	1.06E+08	-	0.016451
lck	MmuINT0080111	chr9	77961263	77979101	+	0.04377
lck	MmuINT0080112	chr9	78008367	78008469	+	0.026832
lck	MmuINT0080113	chr9	78008619	78012337	+	0.09411
lck	MmuINT0080114	chr9	78012467	78014716	+	0.080224
lck	MmuINT0080115	chr9	78014840	78015406	+	0.020496
lck	MmuINT0080116	chr9	77979379	77983402	+	0.048553
lck	MmuINT0080117	chr9	77983458	77987782	+	0.073941
lck	MmuINT0080119	chr9	77989081	77998335	+	0.030439
lck	MmuINT0080120	chr9	77998469	78001371	+	0.032965
lck	MmuINT0080121	chr9	78001544	78003155	+	0.032219
lck	MmuINT0080122	chr9	78003324	78005447	+	0.013519
lck	MmuINT0080123	chr9	78005760	78008175	+	0.018335
lcmt	MmuINT0080124	chr4	1.52E+08	1.52E+08	+	0.024167
lcmt	MmuINT0080125	chr4	1.52E+08	1.52E+08	+	0.044786
lcmt	MmuINT0080126	chr4	1.52E+08	1.52E+08	+	0.011474
lcmt	MmuINT0080127	chr4	1.52E+08	1.52E+08	+	0.028819
lcosl	MmuINT0080132	chr10	77532281	77533905	+	0.069592
lcosl	MmuINT0080133	chr10	77534025	77534482	+	0.265627
lcosl	MmuINT0080134	chr10	77534837	77536451	+	0.254005
lcosl	MmuINT0080135	chr10	77536746	77537949	+	0.119355
lcosl	MmuINT0080136	chr10	77538100	77539888	+	0.326692
lcosl	MmuINT0080137	chr10	77539919	77540637	+	0.277094
lct1	MmuINT0080139	chr11	1.15E+08	1.15E+08	+	0.015765
lct1	MmuINT0080140	chr11	1.15E+08	1.15E+08	+	0.020842
lct1	MmuINT0080141	chr11	1.15E+08	1.15E+08	+	0.013922
lct1	MmuINT0080142	chr11	1.15E+08	1.15E+08	+	0.005859
ld1	MmuINT0080143	chr2	1.53E+08	1.53E+08	+	0.054431
ld2	MmuINT0080144	chr12	25780240	25780527	-	0.044598

ld2	MmuINT0080145	chr12	25779442	25780175	-	0.075028
ld3	MmuINT0080146	chr4	1.36E+08	1.36E+08	+	0.033248
ld3	MmuINT0080147	chr4	1.36E+08	1.36E+08	+	0.093456
ldc	MmuINT0080150	chr19	37403679	37404917	-	0.004208
ldc	MmuINT0080151	chr19	37378487	37384277	-	0.005246
ldc	MmuINT0080152	chr19	37372665	37378383	-	0.007102
ldc	MmuINT0080153	chr19	37370456	37372541	-	0.009601
ldc	MmuINT0080154	chr19	37365305	37370372	-	0.026463
ldc	MmuINT0080155	chr19	37362699	37365159	-	0.014819
ldc	MmuINT0080156	chr19	37361724	37362587	-	0.004941
ldc	MmuINT0080157	chr19	37359788	37361602	-	0.004193
ldc	MmuINT0080158	chr19	37358723	37359695	-	0.004321
ldc	MmuINT0080159	chr19	37355243	37358610	-	0.003996
ldc	MmuINT0080160	chr19	37352504	37355074	-	0.003983
ldc	MmuINT0080161	chr19	37399808	37403470	-	0.006427
ldc	MmuINT0080162	chr19	37351067	37352230	-	0.007076
ldc	MmuINT0080163	chr19	37346718	37351004	-	0.018242
ldc	MmuINT0080164	chr19	37346063	37346644	-	0.007101
ldc	MmuINT0080165	chr19	37345328	37345994	-	0.005783
ldc	MmuINT0080166	chr19	37392590	37399637	-	0.006708
ldc	MmuINT0080167	chr19	37390008	37392466	-	0.00698
ldc	MmuINT0080168	chr19	37389487	37389894	-	0.005993
ldc	MmuINT0080169	chr19	37388563	37389323	-	0.003344
ldc	MmuINT0080170	chr19	37388092	37388469	-	0.007706
ldc	MmuINT0080171	chr19	37386654	37387999	-	0.005899
ldc	MmuINT0080172	chr19	37384382	37386572	-	0.00667
ldh1	MmuINT0080174	chr1	65221943	65225563	-	0.004419
ldh1	MmuINT0080175	chr1	65217825	65221804	-	0.018949
ldh1	MmuINT0080176	chr1	65215179	65217532	-	0.007551
ldh1	MmuINT0080177	chr1	65212859	65215072	-	0.003986
ldh1	MmuINT0080178	chr1	65211826	65212680	-	0.002627
ldh1	MmuINT0080179	chr1	65208515	65211673	-	0.007495
ldh1	MmuINT0080180	chr1	65207787	65208373	-	0.003951
ldh1	MmuINT0080181	chr1	65206130	65207623	-	0.010506
ldh2	MmuINT0080182	chr7	87248100	87260047	-	0.000231
ldh2	MmuINT0080183	chr7	87240090	87240506	-	0.003374
ldh2	MmuINT0080184	chr7	87245795	87248007	-	0.000357
ldh2	MmuINT0080185	chr7	87244045	87245628	-	0.000205
ldh2	MmuINT0080186	chr7	87243801	87243883	-	0.000129
ldh2	MmuINT0080187	chr7	87243159	87243656	-	0.005574
ldh2	MmuINT0080188	chr7	87242842	87243021	-	0.006404
ldh2	MmuINT0080189	chr7	87241022	87242689	-	0.001831
ldh2	MmuINT0080190	chr7	87240783	87240908	-	0.000651
ldh2	MmuINT0080191	chr7	87240600	87240684	-	0.000262
ldh3a	MmuINT0080192	chr9	54434351	54437664	+	0.010041
ldh3a	MmuINT0080193	chr9	54449022	54451088	+	0.003342
ldh3a	MmuINT0080194	chr9	54437728	54440200	+	0.003384
ldh3a	MmuINT0080195	chr9	54440285	54442972	+	0.001993
ldh3a	MmuINT0080196	chr9	54443088	54443808	+	0.000587
ldh3a	MmuINT0080197	chr9	54443997	54444641	+	0.002363

ldh3a	MmuINT0080198	chr9	54444776	54446199	+	0.00061
ldh3a	MmuINT0080199	chr9	54446303	54446405	+	0.000903
ldh3a	MmuINT0080200	chr9	54446471	54447399	+	0.00074
ldh3a	MmuINT0080201	chr9	54447485	54448868	+	0.00113
ldh3b	MmuINT0080202	chr2	1.3E+08	1.3E+08	-	0.005261
ldh3b	MmuINT0080203	chr2	1.3E+08	1.3E+08	-	0.003153
ldh3b	MmuINT0080204	chr2	1.3E+08	1.3E+08	-	0.281939
ldh3b	MmuINT0080205	chr2	1.3E+08	1.3E+08	-	0.007868
ldh3b	MmuINT0080206	chr2	1.3E+08	1.3E+08	-	0.002467
ldh3b	MmuINT0080207	chr2	1.3E+08	1.3E+08	-	0.006909
ldh3b	MmuINT0080208	chr2	1.3E+08	1.3E+08	-	0.001816
ldh3b	MmuINT0080209	chr2	1.3E+08	1.3E+08	-	0.000937
ldh3b	MmuINT0080210	chr2	1.3E+08	1.3E+08	-	0.001201
ldh3b	MmuINT0080211	chr2	1.3E+08	1.3E+08	-	0.000609
ldh3b	MmuINT0080212	chr2	1.3E+08	1.3E+08	-	0.004293
ldh3g	MmuINT0080213	chrX	71028056	71032113	-	0.001548
ldh3g	MmuINT0080214	chrX	71025048	71025315	-	0.010843
ldh3g	MmuINT0080215	chrX	71024866	71024952	-	0.000932
ldh3g	MmuINT0080216	chrX	71024511	71024804	-	0.001419
ldh3g	MmuINT0080217	chrX	71027649	71028013	-	0.005837
ldh3g	MmuINT0080218	chrX	71027443	71027636	-	0.009462
ldh3g	MmuINT0080219	chrX	71027129	71027344	-	0.003901
ldh3g	MmuINT0080220	chrX	71026552	71027015	-	0.001007
ldh3g	MmuINT0080221	chrX	71026370	71026490	-	0.000256
ldh3g	MmuINT0080222	chrX	71026047	71026236	-	0.019939
ldh3g	MmuINT0080223	chrX	71025655	71025912	-	0.00121
ldh3g	MmuINT0080224	chrX	71025463	71025551	-	0.00027
ldi1	MmuINT0080225	chr13	8885243	8885977	+	0.019448
lds	MmuINT0080251	chrX	67617114	67617969	-	0.022772
lds	MmuINT0080252	chrX	67616330	67616976	-	0.016443
lds	MmuINT0080253	chrX	67614307	67616151	-	0.0285
lds	MmuINT0080254	chrX	67613325	67614217	-	0.012934
lds	MmuINT0080255	chrX	67611613	67613123	-	0.013132
lds	MmuINT0080256	chrX	67606446	67611441	-	0.025531
lds	MmuINT0080257	chrX	67604276	67606318	-	0.015855
lds	MmuINT0080258	chrX	67599849	67604101	-	0.013949
ldua	MmuINT0080260	chr5	1.09E+08	1.09E+08	+	0.027932
ldua	MmuINT0080261	chr5	1.09E+08	1.09E+08	+	0.083307
ldua	MmuINT0080262	chr5	1.09E+08	1.09E+08	+	0.152748
ldua	MmuINT0080263	chr5	1.09E+08	1.09E+08	+	0.058474
ldua	MmuINT0080264	chr5	1.09E+08	1.09E+08	+	0.045098
ldua	MmuINT0080266	chr5	1.09E+08	1.09E+08	+	0.083392
ldua	MmuINT0080267	chr5	1.09E+08	1.09E+08	+	0.255482
ldua	MmuINT0080269	chr5	1.09E+08	1.09E+08	+	0.126667
ldua	MmuINT0080270	chr5	1.09E+08	1.09E+08	+	0.096953
ldua	MmuINT0080271	chr5	1.09E+08	1.09E+08	+	0.030003
ler3	MmuINT0080272	chr17	35958874	35958982	+	0.020861
ler3ip1	MmuINT0080273	chr18	77168956	77178306	+	0.003552
ler3ip1	MmuINT0080274	chr18	77178409	77179251	+	0.004344
lffo1	MmuINT0080277	chr6	1.25E+08	1.25E+08	+	0.044883

lffo1	MmuINT0080278	chr6	1.25E+08	1.25E+08	+	0.152523
lffo1	MmuINT0080279	chr6	1.25E+08	1.25E+08	+	0.460107
lffo1	MmuINT0080280	chr6	1.25E+08	1.25E+08	+	0.043385
lffo1	MmuINT0080281	chr6	1.25E+08	1.25E+08	+	0.13227
lffo1	MmuINT0080282	chr6	1.25E+08	1.25E+08	+	0.022201
lffo2	MmuINT0080283	chr4	1.39E+08	1.39E+08	+	0.064432
lffo2	MmuINT0080284	chr4	1.39E+08	1.39E+08	+	0.049146
lffo2	MmuINT0080285	chr4	1.39E+08	1.39E+08	+	0.083481
lffo2	MmuINT0080287	chr4	1.39E+08	1.39E+08	+	0.287125
lffo2	MmuINT0080288	chr4	1.39E+08	1.39E+08	+	0.374874
lffo2	MmuINT0080289	chr4	1.39E+08	1.39E+08	+	0.382151
lffo2	MmuINT0080290	chr4	1.39E+08	1.39E+08	+	0.439772
lfi203	MmuINT0080296	chr1	1.76E+08	1.76E+08	-	0.048012
lfi204	MmuINT0080309	chr1	1.76E+08	1.76E+08	-	0.028561
lfi204	MmuINT0080310	chr1	1.76E+08	1.76E+08	-	0.224273
lfi205	MmuINT0080312	chr1	1.76E+08	1.76E+08	-	0.019261
lfi205	MmuINT0080313	chr1	1.76E+08	1.76E+08	-	0.022804
lfi205	MmuINT0080314	chr1	1.76E+08	1.76E+08	-	0.194541
lfi27l1	MmuINT0080321	chr12	1.05E+08	1.05E+08	+	0.023622
lfi27l1	MmuINT0080322	chr12	1.05E+08	1.05E+08	+	0.019664
lfi27l1	MmuINT0080323	chr12	1.05E+08	1.05E+08	+	0.645179
lfi27l1	MmuINT0080324	chr12	1.05E+08	1.05E+08	+	0.019069
lfi27l1	MmuINT0080325	chr12	1.05E+08	1.05E+08	+	0.006577
lfi27l2a	MmuINT0080328	chr12	1.05E+08	1.05E+08	-	0.101582
lfi27l2a	MmuINT0080329	chr12	1.05E+08	1.05E+08	-	0.023101
lfi27l2a	MmuINT0080330	chr12	1.05E+08	1.05E+08	-	0.0152
lfi30	MmuINT0080337	chr8	73289002	73290407	-	0.100111
lfi30	MmuINT0080338	chr8	73288694	73288818	-	0.028113
lfi30	MmuINT0080339	chr8	73288539	73288617	-	0.074018
lfi30	MmuINT0080340	chr8	73287779	73288445	-	0.044711
lfi30	MmuINT0080341	chr8	73287081	73287625	-	0.100498
lfi30	MmuINT0080342	chr8	73286940	73287026	-	0.027495
lfi35	MmuINT0080343	chr11	1.01E+08	1.01E+08	+	0.01048
lfi35	MmuINT0080344	chr11	1.01E+08	1.01E+08	+	0.08124
lfi35	MmuINT0080345	chr11	1.01E+08	1.01E+08	+	0.054067
lfi35	MmuINT0080346	chr11	1.01E+08	1.01E+08	+	0.032031
lfi35	MmuINT0080347	chr11	1.01E+08	1.01E+08	+	0.05222
lfi35	MmuINT0080348	chr11	1.01E+08	1.01E+08	+	0.269859
lfi44	MmuINT0080353	chr3	1.51E+08	1.51E+08	-	0.038234
lfih1	MmuINT0080358	chr2	62441627	62443497	-	0.039587
lfih1	MmuINT0080359	chr2	62439609	62441476	-	0.046894
lfih1	MmuINT0080360	chr2	62437034	62439446	-	0.032283
lfih1	MmuINT0080361	chr2	62436327	62436842	-	0.051935
lfih1	MmuINT0080362	chr2	62436146	62436235	-	0.047276
lfih1	MmuINT0080369	chr2	62444514	62445029	-	0.035427
lfih1	MmuINT0080370	chr2	62443758	62444237	-	0.028447
lfit2	MmuINT0080375	chr19	34644861	34647556	+	0.019527
lfitm3	MmuINT0080379	chr7	1.48E+08	1.48E+08	-	0.003692
lfnar1	MmuINT0080391	chr16	91485662	91489940	+	0.022382
lfnar1	MmuINT0080392	chr16	91503773	91505299	+	0.010581

lfnar1	MmuINT0080393	chr16	91490065	91492875	+	0.06431
lfnar1	MmuINT0080394	chr16	91493055	91495393	+	0.037583
lfnar1	MmuINT0080395	chr16	91495549	91495635	+	0.019721
lfnar1	MmuINT0080396	chr16	91495778	91496388	+	0.018758
lfnar1	MmuINT0080397	chr16	91496507	91499648	+	0.105547
lfnar1	MmuINT0080399	chr16	91500235	91501866	+	0.067813
lfnar1	MmuINT0080400	chr16	91502015	91503629	+	0.037825
lfnar2	MmuINT0080401	chr16	91373320	91384105	+	0.006088
lfnar2	MmuINT0080402	chr16	91384199	91385227	+	0.006728
lfnar2	MmuINT0080403	chr16	91385270	91386186	+	0.012703
lfnar2	MmuINT0080404	chr16	91386311	91388188	+	0.004692
lfnar2	MmuINT0080405	chr16	91388362	91391965	+	0.003425
lfnar2	MmuINT0080406	chr16	91399591	91403954	+	0.139555
lfngr1	MmuINT0080410	chr10	19312004	19317221	+	0.006814
lfngr1	MmuINT0080411	chr10	19317337	19321125	+	0.023235
lfngr1	MmuINT0080412	chr10	19321290	19323559	+	0.006005
lfngr1	MmuINT0080413	chr10	19323739	19326039	+	0.045628
lfngr1	MmuINT0080414	chr10	19326227	19327062	+	0.030654
lfngr1	MmuINT0080415	chr10	19327188	19328942	+	0.014399
lfngr2	MmuINT0080416	chr16	91547478	91555192	+	0.003503
lfngr2	MmuINT0080417	chr16	91555326	91558129	+	0.010214
lfngr2	MmuINT0080418	chr16	91558324	91560221	+	0.000982
lfngr2	MmuINT0080419	chr16	91560371	91560789	+	0.001366
lfngr2	MmuINT0080420	chr16	91560950	91561864	+	0.002338
lfngr2	MmuINT0080421	chr16	91562023	91563115	+	0.002065
lfrd1	MmuINT0080424	chr12	40930602	40930883	-	0.032611
lfrd1	MmuINT0080425	chr12	40930039	40930505	-	0.039868
lfrd1	MmuINT0080426	chr12	40943830	40943964	-	0.007294
lfrd1	MmuINT0080427	chr12	40942902	40943744	-	0.015587
lfrd1	MmuINT0080428	chr12	40940723	40942776	-	0.012204
lfrd1	MmuINT0080429	chr12	40939847	40940564	-	0.024422
lfrd1	MmuINT0080430	chr12	40939705	40939795	-	0.010853
lfrd1	MmuINT0080431	chr12	40939006	40939525	-	0.049622
lfrd1	MmuINT0080432	chr12	40933711	40938896	-	0.086506
lfrd1	MmuINT0080433	chr12	40931013	40933575	-	0.102319
lfrd2	MmuINT0080434	chr9	1.07E+08	1.07E+08	+	0.015244
lfrd2	MmuINT0080435	chr9	1.07E+08	1.07E+08	+	0.038891
lfrd2	MmuINT0080436	chr9	1.07E+08	1.07E+08	+	0.017493
lfrd2	MmuINT0080437	chr9	1.07E+08	1.07E+08	+	0.008624
lfrd2	MmuINT0080438	chr9	1.07E+08	1.07E+08	+	0.040461
lfrd2	MmuINT0080439	chr9	1.07E+08	1.07E+08	+	0.099195
lfrd2	MmuINT0080440	chr9	1.07E+08	1.07E+08	+	0.061308
lfrd2	MmuINT0080441	chr9	1.07E+08	1.07E+08	+	0.048483
lfrd2	MmuINT0080442	chr9	1.07E+08	1.07E+08	+	0.004737
lfrd2	MmuINT0080443	chr9	1.07E+08	1.07E+08	+	0.042536
lfrd2	MmuINT0080444	chr9	1.07E+08	1.07E+08	+	0.01532
lft122	MmuINT0080454	chr6	1.16E+08	1.16E+08	+	0.315243
lft122	MmuINT0080455	chr6	1.16E+08	1.16E+08	+	0.025877
lft122	MmuINT0080457	chr6	1.16E+08	1.16E+08	+	0.298402
lft122	MmuINT0080459	chr6	1.16E+08	1.16E+08	+	0.07686

lft122	MmuINT0080460	chr6	1.16E+08	1.16E+08	+	0.067703
lft122	MmuINT0080461	chr6	1.16E+08	1.16E+08	+	0.125824
lft122	MmuINT0080462	chr6	1.16E+08	1.16E+08	+	0.122661
lft122	MmuINT0080463	chr6	1.16E+08	1.16E+08	+	0.078292
lft122	MmuINT0080464	chr6	1.16E+08	1.16E+08	+	0.065258
lft122	MmuINT0080471	chr6	1.16E+08	1.16E+08	+	0.045355
lft140	MmuINT0080481	chr17	25192703	25223787	+	0.064107
lft140	MmuINT0080487	chr17	25226488	25227586	+	0.105373
lft140	MmuINT0080489	chr17	25228022	25229233	+	0.056606
lft140	MmuINT0080490	chr17	25229441	25229712	+	0.037289
lft140	MmuINT0080491	chr17	25229926	25230007	+	0.030861
lft140	MmuINT0080492	chr17	25230175	25231584	+	0.045369
lft140	MmuINT0080493	chr17	25231727	25235673	+	0.111896
lft172	MmuINT0080501	chr5	31589411	31593346	-	0.02032
lft172	MmuINT0080502	chr5	31583879	31584928	-	0.016125
lft172	MmuINT0080503	chr5	31583389	31583716	-	0.021629
lft172	MmuINT0080504	chr5	31583143	31583334	-	0.02108
lft172	MmuINT0080505	chr5	31582878	31583038	-	0.017061
lft172	MmuINT0080506	chr5	31579355	31582791	-	0.017867
lft172	MmuINT0080507	chr5	31578393	31579241	-	0.013191
lft172	MmuINT0080508	chr5	31574497	31578224	-	0.014584
lft172	MmuINT0080509	chr5	31574121	31574359	-	0.011152
lft172	MmuINT0080510	chr5	31570053	31574012	-	0.021749
lft172	MmuINT0080511	chr5	31569700	31569967	-	0.060357
lft172	MmuINT0080512	chr5	31589063	31589266	-	0.013415
lft172	MmuINT0080513	chr5	31569086	31569606	-	0.013724
lft172	MmuINT0080514	chr5	31568797	31569007	-	0.016377
lft172	MmuINT0080515	chr5	31568367	31568547	-	0.019002
lft172	MmuINT0080516	chr5	31568137	31568287	-	0.01576
lft172	MmuINT0080517	chr5	31567836	31568015	-	0.022516
lft172	MmuINT0080518	chr5	31566870	31567690	-	0.016204
lft172	MmuINT0080519	chr5	31566249	31566779	-	0.022869
lft172	MmuINT0080520	chr5	31566080	31566150	-	0.03153
lft172	MmuINT0080522	chr5	31565436	31565738	-	0.013237
lft172	MmuINT0080524	chr5	31564298	31565292	-	0.050965
lft172	MmuINT0080525	chr5	31563877	31564203	-	0.061477
lft172	MmuINT0080526	chr5	31563481	31563811	-	0.102269
lft172	MmuINT0080527	chr5	31563106	31563299	-	0.01335
lft172	MmuINT0080528	chr5	31562897	31562995	-	0.013245
lft172	MmuINT0080529	chr5	31560286	31562766	-	0.027287
lft172	MmuINT0080530	chr5	31560000	31560186	-	0.018015
lft172	MmuINT0080531	chr5	31559768	31559889	-	0.016033
lft172	MmuINT0080532	chr5	31559349	31559703	-	0.027001
lft172	MmuINT0080533	chr5	31559045	31559261	-	0.026785
lft172	MmuINT0080534	chr5	31588202	31588450	-	0.087414
lft172	MmuINT0080535	chr5	31558049	31558927	-	0.00729
lft172	MmuINT0080537	chr5	31557122	31557623	-	0.011565
lft172	MmuINT0080538	chr5	31556835	31557025	-	0.021767
lft172	MmuINT0080539	chr5	31556691	31556774	-	0.018803
lft172	MmuINT0080540	chr5	31556342	31556591	-	0.009002

lft172	MmuINT0080541	chr5	31556018	31556187	-	0.013322
lft172	MmuINT0080542	chr5	31555798	31555925	-	0.016188
lft172	MmuINT0080543	chr5	31587912	31588135	-	0.031299
lft172	MmuINT0080544	chr5	31587713	31587831	-	0.019647
lft172	MmuINT0080545	chr5	31586592	31587624	-	0.024267
lft172	MmuINT0080546	chr5	31585530	31586376	-	0.040039
lft172	MmuINT0080547	chr5	31585025	31585405	-	0.013728
lft20	MmuINT0080548	chr11	78350079	78352011	+	0.026675
lft20	MmuINT0080549	chr11	78352241	78352335	+	0.019786
lft20	MmuINT0080550	chr11	78352465	78353461	+	0.009926
lft20	MmuINT0080551	chr11	78353548	78354396	+	0.023207
lft20	MmuINT0080552	chr11	78354501	78354862	+	0.093963
lft27	MmuINT0080553	chr15	77998423	78004198	-	0.016685
lft27	MmuINT0080554	chr15	77997560	77998342	-	0.030845
lft27	MmuINT0080555	chr15	77996464	77997499	-	0.060704
lft27	MmuINT0080556	chr15	77995695	77996403	-	0.039348
lft27	MmuINT0080557	chr15	77994730	77995576	-	0.021602
lft27	MmuINT0080558	chr15	77990139	77994619	-	0.027484
lft46	MmuINT0080559	chr9	44581257	44581770	+	0.016563
lft46	MmuINT0080560	chr9	44597711	44597973	+	0.022584
lft46	MmuINT0080561	chr9	44598060	44598567	+	0.024433
lft46	MmuINT0080562	chr9	44581868	44586644	+	0.049532
lft46	MmuINT0080563	chr9	44586722	44590182	+	0.018403
lft46	MmuINT0080564	chr9	44590317	44591813	+	0.013285
lft46	MmuINT0080565	chr9	44591889	44592042	+	0.012579
lft46	MmuINT0080566	chr9	44592137	44592414	+	0.038203
lft46	MmuINT0080567	chr9	44592544	44594376	+	0.018682
lft46	MmuINT0080568	chr9	44594499	44594920	+	0.034238
lft46	MmuINT0080569	chr9	44594988	44597649	+	0.083117
lft52	MmuINT0080570	chr2	1.63E+08	1.63E+08	+	0.02062
lft52	MmuINT0080571	chr2	1.63E+08	1.63E+08	+	0.017041
lft52	MmuINT0080572	chr2	1.63E+08	1.63E+08	+	0.014447
lft52	MmuINT0080573	chr2	1.63E+08	1.63E+08	+	0.010429
lft52	MmuINT0080574	chr2	1.63E+08	1.63E+08	+	0.008811
lft52	MmuINT0080575	chr2	1.63E+08	1.63E+08	+	0.044559
lft52	MmuINT0080576	chr2	1.63E+08	1.63E+08	+	0.039097
lft52	MmuINT0080577	chr2	1.63E+08	1.63E+08	+	0.009842
lft52	MmuINT0080578	chr2	1.63E+08	1.63E+08	+	0.009459
lft52	MmuINT0080579	chr2	1.63E+08	1.63E+08	+	0.009188
lft52	MmuINT0080580	chr2	1.63E+08	1.63E+08	+	0.011773
lft52	MmuINT0080581	chr2	1.63E+08	1.63E+08	+	0.013583
lft57	MmuINT0080582	chr16	49699663	49701966	+	0.02782
lft57	MmuINT0080583	chr16	49762781	49763854	+	0.041054
lft57	MmuINT0080584	chr16	49702130	49703262	+	0.019727
lft57	MmuINT0080585	chr16	49703382	49706203	+	0.012077
lft57	MmuINT0080586	chr16	49706295	49711951	+	0.019333
lft57	MmuINT0080587	chr16	49712021	49736784	+	0.023703
lft57	MmuINT0080588	chr16	49736908	49758507	+	0.037218
lft57	MmuINT0080589	chr16	49758580	49759429	+	0.015996
lft57	MmuINT0080590	chr16	49759562	49761066	+	0.020543



lft57	MmuINT0080591	chr16	49761130	49762713	+	0.023098
lft74	MmuINT0080592	chr4	94281343	94284657	+	0.047206
lft74	MmuINT0080593	chr4	94321583	94325197	+	0.046575
lft74	MmuINT0080594	chr4	94325342	94327638	+	0.050091
lft74	MmuINT0080596	chr4	94329358	94344955	+	0.049652
lft74	MmuINT0080597	chr4	94345010	94345870	+	0.065068
lft74	MmuINT0080598	chr4	94345969	94346624	+	0.04107
lft74	MmuINT0080599	chr4	94346752	94352312	+	0.053458
lft74	MmuINT0080600	chr4	94352477	94353501	+	0.049078
lft74	MmuINT0080601	chr4	94353628	94358410	+	0.068104
lft74	MmuINT0080602	chr4	94358472	94359641	+	0.063548
lft74	MmuINT0080603	chr4	94284793	94288544	+	0.059841
lft74	MmuINT0080604	chr4	94288681	94291421	+	0.058761
lft74	MmuINT0080606	chr4	94293767	94293942	+	0.047097
lft74	MmuINT0080608	chr4	94299428	94302464	+	0.072703
lft74	MmuINT0080609	chr4	94302527	94319617	+	0.046105
lft74	MmuINT0080610	chr4	94319757	94321519	+	0.068808
lft80	MmuINT0080618	chr3	68718906	68720013	-	0.070444
lft80	MmuINT0080620	chr3	68702531	68718533	-	0.067044
lft80	MmuINT0080621	chr3	68698104	68702406	-	0.040684
lft80	MmuINT0080622	chr3	68794884	68798420	-	0.34041
lft81	MmuINT0080630	chr5	1.23E+08	1.23E+08	-	0.036029
lft81	MmuINT0080631	chr5	1.23E+08	1.23E+08	-	0.012013
lft81	MmuINT0080632	chr5	1.23E+08	1.23E+08	-	0.010356
lft81	MmuINT0080633	chr5	1.23E+08	1.23E+08	-	0.012562
lft81	MmuINT0080634	chr5	1.23E+08	1.23E+08	-	0.013742
lft81	MmuINT0080637	chr5	1.23E+08	1.23E+08	-	0.018667
lft81	MmuINT0080638	chr5	1.23E+08	1.23E+08	-	0.005653
lft81	MmuINT0080639	chr5	1.23E+08	1.23E+08	-	0.009827
lft81	MmuINT0080640	chr5	1.23E+08	1.23E+08	-	0.014167
lft81	MmuINT0080641	chr5	1.23E+08	1.23E+08	-	0.013578
lft81	MmuINT0080642	chr5	1.23E+08	1.23E+08	-	0.015169
lft81	MmuINT0080643	chr5	1.23E+08	1.23E+08	-	0.014824
lft81	MmuINT0080644	chr5	1.23E+08	1.23E+08	-	0.018441
lft81	MmuINT0080645	chr5	1.23E+08	1.23E+08	-	0.015869
lft81	MmuINT0080646	chr5	1.23E+08	1.23E+08	-	0.021098
lft81	MmuINT0080647	chr5	1.23E+08	1.23E+08	-	0.010994
lft88	MmuINT0080649	chr14	58063295	58064401	+	0.037229
lft88	MmuINT0080650	chr14	58064517	58066377	+	0.050037
lft88	MmuINT0080653	chr14	58074385	58091811	+	0.043291
lft88	MmuINT0080654	chr14	58091912	58094879	+	0.051072
lft88	MmuINT0080655	chr14	58094967	58096727	+	0.046845
lft88	MmuINT0080656	chr14	58096915	58098733	+	0.055097
lft88	MmuINT0080657	chr14	58098843	58099493	+	0.086536
lft88	MmuINT0080658	chr14	58099645	58100232	+	0.080795
lft88	MmuINT0080660	chr14	58100349	58106408	+	0.053365
lft88	MmuINT0080662	chr14	58107795	58115009	+	0.046028
lft88	MmuINT0080663	chr14	58115117	58126041	+	0.060986
lft88	MmuINT0080664	chr14	58126109	58135817	+	0.037818
lft88	MmuINT0080665	chr14	58135929	58136173	+	0.067073

lft88	MmuINT0080671	chr14	58059859	58060714	+	0.049961
lft88	MmuINT0080672	chr14	58060820	58063191	+	0.04774
lgbp1	MmuINT0080673	chrX	97689896	97690243	+	0.002911
lgbp1	MmuINT0080674	chrX	97690538	97698333	+	0.012427
lgbp1	MmuINT0080675	chrX	97698530	97700528	+	0.003189
lgbp1	MmuINT0080676	chrX	97700609	97701278	+	0.003741
lgbp1	MmuINT0080677	chrX	97701392	97710895	+	0.007268
lgf1	MmuINT0080711	chr10	87327633	87376363	+	0.042159
lgf1r	MmuINT0080715	chr7	75097839	75148695	+	0.055696
lgf1r	MmuINT0080716	chr7	75335037	75338232	+	0.019877
lgf1r	MmuINT0080717	chr7	75338517	75339854	+	0.025882
lgf1r	MmuINT0080718	chr7	75339992	75340475	+	0.025743
lgf1r	MmuINT0080719	chr7	75340636	75346129	+	0.041173
lgf1r	MmuINT0080720	chr7	75346233	75346787	+	0.05017
lgf1r	MmuINT0080721	chr7	75346859	75352136	+	0.027382
lgf1r	MmuINT0080722	chr7	75352367	75352648	+	0.027827
lgf1r	MmuINT0080723	chr7	75352760	75356879	+	0.129488
lgf1r	MmuINT0080724	chr7	75357043	75359804	+	0.023717
lgf1r	MmuINT0080725	chr7	75359935	75363287	+	0.047349
lgf1r	MmuINT0080726	chr7	75149242	75309878	+	0.037408
lgf1r	MmuINT0080727	chr7	75363423	75370905	+	0.024597
lgf1r	MmuINT0080728	chr7	75310192	75314782	+	0.042589
lgf1r	MmuINT0080729	chr7	75314935	75318116	+	0.043776
lgf1r	MmuINT0080730	chr7	75318262	75328229	+	0.035682
lgf1r	MmuINT0080731	chr7	75328445	75329616	+	0.029103
lgf1r	MmuINT0080732	chr7	75329744	75331875	+	0.0323
lgf1r	MmuINT0080733	chr7	75332115	75334458	+	0.035938
lgf1r	MmuINT0080734	chr7	75334627	75334831	+	0.0329
lgf2bp2	MmuINT0080756	chr16	22161380	22162858	-	0.051671
lgf2bp2	MmuINT0080757	chr16	22070449	22076089	-	0.050541
lgf2bp2	MmuINT0080758	chr16	22068333	22070379	-	0.040828
lgf2bp2	MmuINT0080760	chr16	22063787	22065165	-	0.105108
lgf2bp2	MmuINT0080761	chr16	22062047	22063654	-	0.064189
lgf2bp2	MmuINT0080762	chr16	22060959	22061932	-	0.043487
lgf2bp2	MmuINT0080766	chr16	22082059	22083996	-	0.051621
lgf2bp2	MmuINT0080768	chr16	22079680	22080139	-	0.045903
lgf2bp2	MmuINT0080769	chr16	22078825	22079556	-	0.108956
lgf2bp2	MmuINT0080770	chr16	22076219	22078688	-	0.072327
lgf2r	MmuINT0080785	chr17	12941650	12962265	-	0.018287
lgf2r	MmuINT0080787	chr17	12912817	12914993	-	0.006418
lgf2r	MmuINT0080788	chr17	12911662	12912678	-	0.005411
lgf2r	MmuINT0080789	chr17	12910277	12911517	-	0.005923
lgf2r	MmuINT0080790	chr17	12909583	12910138	-	0.004901
lgf2r	MmuINT0080791	chr17	12908914	12909434	-	0.00406
lgf2r	MmuINT0080792	chr17	12908360	12908738	-	0.005796
lgf2r	MmuINT0080793	chr17	12907908	12908243	-	0.00566
lgf2r	MmuINT0080794	chr17	12907007	12907738	-	0.008073
lgf2r	MmuINT0080795	chr17	12904987	12906826	-	0.005791
lgf2r	MmuINT0080796	chr17	12933273	12941509	-	0.006589
lgf2r	MmuINT0080797	chr17	12903608	12904884	-	0.004668

lgf2r	MmuINT0080798	chr17	12902441	12903502	-	0.005399
lgf2r	MmuINT0080799	chr17	12898719	12902244	-	0.005233
lgf2r	MmuINT0080800	chr17	12897907	12898553	-	0.004602
lgf2r	MmuINT0080801	chr17	12897675	12897762	-	0.004532
lgf2r	MmuINT0080802	chr17	12897226	12897498	-	0.004913
lgf2r	MmuINT0080803	chr17	12896443	12897137	-	0.004873
lgf2r	MmuINT0080804	chr17	12895194	12896226	-	0.003257
lgf2r	MmuINT0080805	chr17	12894897	12895062	-	0.006212
lgf2r	MmuINT0080806	chr17	12894223	12894798	-	0.00844
lgf2r	MmuINT0080808	chr17	12893399	12894085	-	0.003574
lgf2r	MmuINT0080809	chr17	12892173	12893207	-	0.0032
lgf2r	MmuINT0080810	chr17	12891511	12892045	-	0.002961
lgf2r	MmuINT0080811	chr17	12891209	12891390	-	0.003181
lgf2r	MmuINT0080812	chr17	12890410	12890951	-	0.004094
lgf2r	MmuINT0080813	chr17	12888302	12890190	-	0.002817
lgf2r	MmuINT0080814	chr17	12887031	12888151	-	0.004007
lgf2r	MmuINT0080815	chr17	12886148	12886868	-	0.001813
lgf2r	MmuINT0080816	chr17	12885652	12885939	-	0.002454
lgf2r	MmuINT0080817	chr17	12884984	12885504	-	0.002163
lgf2r	MmuINT0080818	chr17	12928966	12932152	-	0.005952
lgf2r	MmuINT0080819	chr17	12884160	12884748	-	0.009789
lgf2r	MmuINT0080820	chr17	12883113	12884022	-	0.014017
lgf2r	MmuINT0080821	chr17	12882003	12882997	-	0.002893
lgf2r	MmuINT0080822	chr17	12881370	12881855	-	0.023732
lgf2r	MmuINT0080823	chr17	12879675	12881181	-	0.005336
lgf2r	MmuINT0080824	chr17	12878601	12879487	-	0.002108
lgf2r	MmuINT0080825	chr17	12878074	12878456	-	0.004156
lgf2r	MmuINT0080826	chr17	12876993	12878003	-	0.005691
lgf2r	MmuINT0080827	chr17	12926793	12928832	-	0.005317
lgf2r	MmuINT0080828	chr17	12924380	12926662	-	0.005988
lgf2r	MmuINT0080829	chr17	12919700	12924273	-	0.004949
lgf2r	MmuINT0080830	chr17	12919222	12919536	-	0.005352
lgf2r	MmuINT0080831	chr17	12918285	12919055	-	0.004978
lgfbp3	MmuINT0080839	chr11	7110249	7113387	-	0.015018
lgfbp3	MmuINT0080840	chr11	7109582	7110021	-	0.017911
lgfbp3	MmuINT0080841	chr11	7108512	7109461	-	0.018116
lgfbp3	MmuINT0080842	chr11	7107510	7108371	-	0.058607
lgfbp4	MmuINT0080843	chr11	98903160	98909539	+	0.012798
lgfbp4	MmuINT0080844	chr11	98909686	98910407	+	0.004607
lgfbp4	MmuINT0080845	chr11	98910543	98912758	+	0.004734
lgfbp5	MmuINT0080846	chr1	72910655	72920379	-	0.005538
lgfbp5	MmuINT0080847	chr1	72909837	72910424	-	0.007672
lgfbp5	MmuINT0080848	chr1	72909083	72909716	-	0.007593
lgfbp6	MmuINT0080849	chr15	1.02E+08	1.02E+08	+	0.014909
lgfbp6	MmuINT0080850	chr15	1.02E+08	1.02E+08	+	0.017371
lgfbp6	MmuINT0080851	chr15	1.02E+08	1.02E+08	+	0.013617
lgfbp7	MmuINT0080854	chr5	77784697	77836564	-	0.004355
lgfbp7	MmuINT0080855	chr5	77781055	77784586	-	0.001998
lgfbp7	MmuINT0080856	chr5	77780380	77780937	-	0.001059
lgfbp7	MmuINT0080857	chr5	77778525	77780252	-	0.009315

lghmbp2	MmuINT0080895	chr19	3262145	3264810	-	0.21409
lghmbp2	MmuINT0080896	chr19	3261636	3261974	-	0.054804
lghmbp2	MmuINT0080901	chr19	3273036	3274355	-	0.091501
lghmbp2	MmuINT0080903	chr19	3268843	3271525	-	0.098798
lghmbp2	MmuINT0080904	chr19	3268417	3268659	-	0.079637
lgsf1	MmuINT0080919	chrX	47140826	47141209	-	0.382104
lgsf1	MmuINT0080920	chrX	47140315	47140534	-	0.011131
lgsf1	MmuINT0080926	chrX	47136130	47136276	-	0.027574
lgsf1	MmuINT0080928	chrX	47138437	47139164	-	0.016559
lgsf1	MmuINT0080929	chrX	47137971	47138148	-	0.019774
lgsf1	MmuINT0080930	chrX	47137487	47137682	-	0.009279
lgsf1	MmuINT0080931	chrX	47137068	47137198	-	0.011106
lgsf1	MmuINT0080932	chrX	47136401	47136788	-	0.019011
lgsf3	MmuINT0080955	chr3	1.01E+08	1.01E+08	+	0.044589
lgsf3	MmuINT0080957	chr3	1.01E+08	1.01E+08	+	0.053004
lgsf3	MmuINT0080958	chr3	1.01E+08	1.01E+08	+	0.063499
lgsf3	MmuINT0080960	chr3	1.01E+08	1.01E+08	+	0.092881
lgsf3	MmuINT0080961	chr3	1.01E+08	1.01E+08	+	0.046078
lgsf3	MmuINT0080962	chr3	1.01E+08	1.01E+08	+	0.04761
lgsf3	MmuINT0080963	chr3	1.01E+08	1.01E+08	+	0.045121
lgsf6	MmuINT0080973	chr7	1.28E+08	1.28E+08	-	0.29987
lgsf8	MmuINT0080978	chr1	1.74E+08	1.74E+08	+	0.112078
lgsf8	MmuINT0080979	chr1	1.74E+08	1.74E+08	+	0.210313
lgsf8	MmuINT0080980	chr1	1.74E+08	1.74E+08	+	0.057951
lgsf8	MmuINT0080981	chr1	1.74E+08	1.74E+08	+	0.060185
lgsf8	MmuINT0080982	chr1	1.74E+08	1.74E+08	+	0.084196
lgsf8	MmuINT0080983	chr1	1.74E+08	1.74E+08	+	0.11051
lgtp	MmuINT0081022	chr11	58015220	58019545	+	0.087511
lk	MmuINT0081028	chr18	36904443	36905264	+	0.007454
lk	MmuINT0081029	chr18	36912120	36912915	+	0.00581
lk	MmuINT0081030	chr18	36912956	36913080	+	0.006381
lk	MmuINT0081031	chr18	36913307	36913545	+	0.00678
lk	MmuINT0081032	chr18	36913565	36914206	+	0.013903
lk	MmuINT0081033	chr18	36914286	36915078	+	0.008322
lk	MmuINT0081034	chr18	36915160	36915350	+	0.01581
lk	MmuINT0081035	chr18	36915409	36916201	+	0.020312
lk	MmuINT0081036	chr18	36916291	36916475	+	0.013576
lk	MmuINT0081037	chr18	36916585	36916937	+	0.024238
lk	MmuINT0081038	chr18	36916973	36917060	+	0.021435
lk	MmuINT0081039	chr18	36905332	36907001	+	0.00236
lk	MmuINT0081040	chr18	36907095	36907817	+	0.003588
lk	MmuINT0081042	chr18	36908373	36908524	+	0.021695
lk	MmuINT0081043	chr18	36908640	36908867	+	0.036963
lk	MmuINT0081044	chr18	36908939	36909044	+	0.002357
lk	MmuINT0081045	chr18	36909092	36910757	+	0.00988
lkbip	MmuINT0081047	chr10	90546042	90555883	+	0.018208
lkbkap	MmuINT0081050	chr4	56813010	56815030	-	0.018633
lkbkap	MmuINT0081051	chr4	56800844	56803002	-	0.018214
lkbkap	MmuINT0081052	chr4	56799625	56800612	-	0.018161
lkbkap	MmuINT0081053	chr4	56797510	56799459	-	0.023048

lkbkap	MmuINT0081054	chr4	56794090	56797409	-	0.036328
lkbkap	MmuINT0081055	chr4	56792636	56793897	-	0.020334
lkbkap	MmuINT0081056	chr4	56791935	56792528	-	0.017118
lkbkap	MmuINT0081057	chr4	56789811	56791830	-	0.032497
lkbkap	MmuINT0081058	chr4	56789668	56789756	-	0.02653
lkbkap	MmuINT0081059	chr4	56788413	56789561	-	0.025062
lkbkap	MmuINT0081060	chr4	56787963	56788296	-	0.105556
lkbkap	MmuINT0081061	chr4	56811683	56812846	-	0.0155
lkbkap	MmuINT0081062	chr4	56787639	56787888	-	0.075691
lkbkap	MmuINT0081063	chr4	56787474	56787559	-	0.036349
lkbkap	MmuINT0081064	chr4	56786209	56787393	-	0.029171
lkbkap	MmuINT0081065	chr4	56785974	56786070	-	0.017557
lkbkap	MmuINT0081066	chr4	56785402	56785887	-	0.024888
lkbkap	MmuINT0081067	chr4	56784429	56785252	-	0.017166
lkbkap	MmuINT0081068	chr4	56783951	56784304	-	0.02024
lkbkap	MmuINT0081069	chr4	56782088	56783852	-	0.018292
lkbkap	MmuINT0081070	chr4	56780749	56781885	-	0.035982
lkbkap	MmuINT0081071	chr4	56775776	56780686	-	0.039856
lkbkap	MmuINT0081072	chr4	56809458	56811529	-	0.019752
lkbkap	MmuINT0081073	chr4	56775182	56775712	-	0.022297
lkbkap	MmuINT0081074	chr4	56772787	56775120	-	0.035059
lkbkap	MmuINT0081075	chr4	56771948	56772672	-	0.0322
lkbkap	MmuINT0081076	chr4	56771213	56771835	-	0.035614
lkbkap	MmuINT0081077	chr4	56770144	56771084	-	0.016143
lkbkap	MmuINT0081078	chr4	56768252	56769988	-	0.015479
lkbkap	MmuINT0081079	chr4	56764592	56768175	-	0.017376
lkbkap	MmuINT0081080	chr4	56808459	56809375	-	0.021663
lkbkap	MmuINT0081081	chr4	56807048	56808377	-	0.027879
lkbkap	MmuINT0081082	chr4	56805354	56806961	-	0.02615
lkbkap	MmuINT0081083	chr4	56804990	56805256	-	0.032796
lkbkap	MmuINT0081084	chr4	56803884	56804898	-	0.034768
lkbkap	MmuINT0081085	chr4	56803097	56803759	-	0.029391
lkbkb	MmuINT0081086	chr8	23770932	23771873	-	0.119537
lkbkb	MmuINT0081088	chr8	23782990	23783834	-	0.009256
lkbkb	MmuINT0081089	chr8	23782218	23782794	-	0.011848
lkbkb	MmuINT0081090	chr8	23780203	23782102	-	0.431645
lkbkb	MmuINT0081091	chr8	23779569	23780078	-	0.371912
lkbkb	MmuINT0081092	chr8	23779218	23779416	-	0.102595
lkbkb	MmuINT0081093	chr8	23777806	23779155	-	0.144618
lkbkb	MmuINT0081094	chr8	23776513	23777695	-	0.025563
lkbkb	MmuINT0081095	chr8	23776384	23776462	-	0.05148
lkbkb	MmuINT0081096	chr8	23776109	23776283	-	0.113272
lkbkb	MmuINT0081097	chr8	23774290	23775960	-	0.030224
lkbkb	MmuINT0081098	chr8	23805730	23816553	-	0.020134
lkbkb	MmuINT0081099	chr8	23804405	23805634	-	0.021419
lkbkb	MmuINT0081100	chr8	23801600	23804286	-	0.022161
lkbkb	MmuINT0081101	chr8	23793287	23801529	-	0.0246
lkbkb	MmuINT0081102	chr8	23792225	23793197	-	0.034809
lkbkb	MmuINT0081103	chr8	23789387	23792134	-	0.03918
lkbkb	MmuINT0081104	chr8	23785543	23789261	-	0.016542

lkbkb	MmuINT0081105	chr8	23783965	23785434	-	0.015309
lkbke	MmuINT0081111	chr1	1.33E+08	1.33E+08	-	0.065005
lkbkg	MmuINT0081132	chrX	71675161	71678143	+	0.043152
lkbkg	MmuINT0081133	chrX	71678346	71679141	+	0.00692
lkbkg	MmuINT0081134	chrX	71682622	71684245	+	0.008177
lkbkg	MmuINT0081135	chrX	71684399	71685213	+	0.032502
lkbkg	MmuINT0081136	chrX	71685290	71688683	+	0.011759
lkbkg	MmuINT0081137	chrX	71688828	71689110	+	0.007488
lkbkg	MmuINT0081138	chrX	71689254	71693197	+	0.009302
lkbkg	MmuINT0081139	chrX	71693260	71693555	+	0.009399
lkzf5	MmuINT0081169	chr7	1.39E+08	1.39E+08	-	0.001704
lkzf5	MmuINT0081170	chr7	1.39E+08	1.39E+08	-	0.014673
ll10ra	MmuINT0081176	chr9	45075304	45077088	-	0.283571
ll10ra	MmuINT0081180	chr9	45068555	45072407	-	0.207869
ll10ra	MmuINT0081181	chr9	45064525	45068435	-	0.085689
ll10rb	MmuINT0081182	chr16	91406618	91407862	+	0.02946
ll10rb	MmuINT0081183	chr16	91407987	91412127	+	0.004397
ll10rb	MmuINT0081184	chr16	91412286	91414857	+	0.001517
ll10rb	MmuINT0081185	chr16	91415025	91419576	+	0.002036
ll10rb	MmuINT0081186	chr16	91419725	91421977	+	0.00585
ll10rb	MmuINT0081187	chr16	91422136	91425122	+	0.001491
ll12rb2	MmuINT0081252	chr6	67245306	67248142	-	0.946153
ll12rb2	MmuINT0081253	chr6	67242731	67245205	-	0.958223
ll13ra1	MmuINT0081265	chrX	33652271	33666639	+	0.006017
ll13ra1	MmuINT0081266	chrX	33695623	33708808	+	0.005658
ll13ra1	MmuINT0081267	chrX	33666780	33670598	+	0.006194
ll13ra1	MmuINT0081268	chrX	33670738	33672958	+	0.006889
ll13ra1	MmuINT0081269	chrX	33673080	33681207	+	0.003757
ll13ra1	MmuINT0081270	chrX	33681393	33684005	+	0.005007
ll13ra1	MmuINT0081271	chrX	33684158	33688644	+	0.005541
ll13ra1	MmuINT0081272	chrX	33688693	33688973	+	0.008546
ll13ra1	MmuINT0081273	chrX	33689107	33692012	+	0.005349
ll13ra1	MmuINT0081274	chrX	33692110	33695537	+	0.008045
ll15	MmuINT0081287	chr8	84868372	84869498	-	0.006609
ll15	MmuINT0081289	chr8	84861510	84867137	-	0.029358
ll15	MmuINT0081291	chr8	84855924	84858367	-	0.012637
ll15ra	MmuINT0081293	chr2	11640086	11641639	+	0.33217
ll15ra	MmuINT0081294	chr2	11641733	11645039	+	0.371985
ll15ra	MmuINT0081295	chr2	11645238	11645722	+	0.22563
ll15ra	MmuINT0081296	chr2	11645756	11652197	+	0.12697
ll15ra	MmuINT0081297	chr2	11652274	11654776	+	0.05017
ll16	MmuINT0081304	chr7	90799560	90800388	-	0.221975
ll16	MmuINT0081305	chr7	90797327	90799390	-	0.16823
ll16	MmuINT0081306	chr7	90795071	90797224	-	0.066846
ll16	MmuINT0081307	chr7	90794461	90794811	-	0.145303
ll16	MmuINT0081308	chr7	90792587	90794337	-	0.102758
ll17d	MmuINT0081322	chr14	58143759	58144140	+	0.910137
ll17d	MmuINT0081323	chr14	58144437	58161170	+	0.133441
ll17ra	MmuINT0081327	chr6	1.2E+08	1.2E+08	+	0.484603
ll17rc	MmuINT0081348	chr6	1.13E+08	1.13E+08	+	0.030955

ll17rc	MmuINT0081349	chr6	1.13E+08	1.13E+08	+	0.093232
ll17rc	MmuINT0081350	chr6	1.13E+08	1.13E+08	+	0.169795
ll17rc	MmuINT0081351	chr6	1.13E+08	1.13E+08	+	0.063964
ll17rc	MmuINT0081352	chr6	1.13E+08	1.13E+08	+	0.073346
ll17rc	MmuINT0081353	chr6	1.13E+08	1.13E+08	+	0.158726
ll17rc	MmuINT0081354	chr6	1.13E+08	1.13E+08	+	0.160459
ll17rc	MmuINT0081355	chr6	1.13E+08	1.13E+08	+	0.054117
ll17rc	MmuINT0081356	chr6	1.13E+08	1.13E+08	+	0.026004
ll17rc	MmuINT0081357	chr6	1.13E+08	1.13E+08	+	0.057628
ll17rc	MmuINT0081358	chr6	1.13E+08	1.13E+08	+	0.08912
ll17rc	MmuINT0081359	chr6	1.13E+08	1.13E+08	+	0.060987
ll17rc	MmuINT0081361	chr6	1.13E+08	1.13E+08	+	0.113329
ll17rc	MmuINT0081362	chr6	1.13E+08	1.13E+08	+	0.053748
ll17rc	MmuINT0081363	chr6	1.13E+08	1.13E+08	+	0.097028
ll18	MmuINT0081394	chr9	50383454	50384798	+	0.368057
ll18bp	MmuINT0081398	chr7	1.09E+08	1.09E+08	-	0.335019
ll18bp	MmuINT0081399	chr7	1.09E+08	1.09E+08	-	0.142713
ll18bp	MmuINT0081400	chr7	1.09E+08	1.09E+08	-	0.056233
ll18bp	MmuINT0081401	chr7	1.09E+08	1.09E+08	-	0.023706
ll18bp	MmuINT0081402	chr7	1.09E+08	1.09E+08	-	0.016683
ll18bp	MmuINT0081403	chr7	1.09E+08	1.09E+08	-	0.161712
ll1a	MmuINT0081430	chr2	1.29E+08	1.29E+08	-	0.936012
ll1r1	MmuINT0081462	chr1	40369360	40369819	+	0.040445
ll1r1	MmuINT0081463	chr1	40339142	40349964	+	0.056094
ll1r1	MmuINT0081464	chr1	40350203	40350302	+	0.067191
ll1r1	MmuINT0081465	chr1	40350493	40351602	+	0.047912
ll1r1	MmuINT0081466	chr1	40351772	40354753	+	0.063791
ll1r1	MmuINT0081469	chr1	40359275	40367130	+	0.241049
ll1r1	MmuINT0081470	chr1	40367275	40369191	+	0.034193
ll2rg	MmuINT0081643	chrX	98463204	98463393	-	0.062281
ll2rg	MmuINT0081644	chrX	98462835	98463049	-	0.045945
ll2rg	MmuINT0081645	chrX	98462460	98462649	-	0.237429
ll2rg	MmuINT0081646	chrX	98461683	98462316	-	0.130457
ll2rg	MmuINT0081647	chrX	98461066	98461519	-	0.191745
ll2rg	MmuINT0081648	chrX	98460782	98460968	-	0.079418
ll2rg	MmuINT0081649	chrX	98460377	98460714	-	0.058029
ll33	MmuINT0081674	chr19	30026592	30027219	+	0.048779
ll34	MmuINT0081682	chr8	1.13E+08	1.13E+08	-	0.057428
ll34	MmuINT0081687	chr8	1.13E+08	1.13E+08	-	0.150853
ll3ra	MmuINT0081689	chr14	15184534	15187520	+	0.035749
ll3ra	MmuINT0081690	chr14	15187588	15187883	+	0.038155
ll3ra	MmuINT0081691	chr14	15179703	15180427	+	0.478144
ll3ra	MmuINT0081692	chr14	15180583	15181334	+	0.168363
ll3ra	MmuINT0081693	chr14	15181459	15181756	+	0.064713
ll3ra	MmuINT0081694	chr14	15181887	15182548	+	0.187501
ll3ra	MmuINT0081695	chr14	15182782	15183201	+	0.103893
ll3ra	MmuINT0081696	chr14	15183321	15183451	+	0.131249
ll3ra	MmuINT0081697	chr14	15183482	15183563	+	0.150789
ll3ra	MmuINT0081698	chr14	15183679	15184430	+	0.04109
ll4i1	MmuINT0081703	chr7	52091687	52091873	+	0.944281

Il4ra	MmuINT0081705	chr7	1.33E+08	1.33E+08	+	0.043854
Il4ra	MmuINT0081706	chr7	1.33E+08	1.33E+08	+	0.032601
Il4ra	MmuINT0081707	chr7	1.33E+08	1.33E+08	+	0.026765
Il4ra	MmuINT0081708	chr7	1.33E+08	1.33E+08	+	0.038465
Il4ra	MmuINT0081709	chr7	1.33E+08	1.33E+08	+	0.037118
Il4ra	MmuINT0081710	chr7	1.33E+08	1.33E+08	+	0.029198
Il4ra	MmuINT0081711	chr7	1.33E+08	1.33E+08	+	0.023285
Il4ra	MmuINT0081712	chr7	1.33E+08	1.33E+08	+	0.107384
Il4ra	MmuINT0081713	chr7	1.33E+08	1.33E+08	+	0.060388
Il4ra	MmuINT0081714	chr7	1.33E+08	1.33E+08	+	0.038184
Il6ra	MmuINT0081738	chr3	89689966	89690463	-	0.05358
Il6ra	MmuINT0081741	chr3	89680831	89681765	-	0.049335
Il6ra	MmuINT0081742	chr3	89675309	89680730	-	0.107326
Il6st	MmuINT0081743	chr13	1.13E+08	1.13E+08	+	0.010236
Il6st	MmuINT0081744	chr13	1.13E+08	1.13E+08	+	0.00711
Il6st	MmuINT0081745	chr13	1.13E+08	1.13E+08	+	0.003183
Il6st	MmuINT0081746	chr13	1.13E+08	1.13E+08	+	0.002672
Il6st	MmuINT0081747	chr13	1.13E+08	1.13E+08	+	0.002738
Il6st	MmuINT0081748	chr13	1.13E+08	1.13E+08	+	0.007952
Il6st	MmuINT0081749	chr13	1.13E+08	1.13E+08	+	0.004644
Il6st	MmuINT0081750	chr13	1.13E+08	1.13E+08	+	0.004727
Il6st	MmuINT0081751	chr13	1.13E+08	1.13E+08	+	0.006123
Il6st	MmuINT0081752	chr13	1.13E+08	1.13E+08	+	0.005623
Il6st	MmuINT0081753	chr13	1.13E+08	1.13E+08	+	0.002846
Il6st	MmuINT0081754	chr13	1.13E+08	1.13E+08	+	0.004706
Il6st	MmuINT0081755	chr13	1.13E+08	1.13E+08	+	0.00323
Il6st	MmuINT0081756	chr13	1.13E+08	1.13E+08	+	0.005682
Il6st	MmuINT0081757	chr13	1.13E+08	1.13E+08	+	0.004817
Il6st	MmuINT0081758	chr13	1.13E+08	1.13E+08	+	0.003429
Ilf2	MmuINT0081798	chr3	90280168	90280926	+	0.01722
Ilf2	MmuINT0081799	chr3	90290195	90290772	+	0.116386
Ilf2	MmuINT0081800	chr3	90290835	90290904	+	0.123453
Ilf2	MmuINT0081801	chr3	90291020	90291148	+	0.052486
Ilf2	MmuINT0081802	chr3	90291240	90291380	+	0.029159
Ilf2	MmuINT0081803	chr3	90280987	90281241	+	0.018178
Ilf2	MmuINT0081804	chr3	90281285	90284525	+	0.018148
Ilf2	MmuINT0081805	chr3	90284631	90284914	+	0.010875
Ilf2	MmuINT0081806	chr3	90284993	90285285	+	0.009246
Ilf2	MmuINT0081807	chr3	90285389	90286698	+	0.016984
Ilf2	MmuINT0081808	chr3	90286765	90288375	+	0.024135
Ilf2	MmuINT0081809	chr3	90288493	90289611	+	0.038707
Ilf2	MmuINT0081810	chr3	90289691	90290106	+	0.080747
Ilf3	MmuINT0081813	chr9	21172544	21192143	+	0.01303
Ilf3	MmuINT0081814	chr9	21199913	21200463	+	0.009175
Ilf3	MmuINT0081815	chr9	21200576	21200660	+	0.008878
Ilf3	MmuINT0081816	chr9	21200772	21201912	+	0.010334
Ilf3	MmuINT0081817	chr9	21202113	21202412	+	0.009057
Ilf3	MmuINT0081818	chr9	21202581	21203568	+	0.015806
Ilf3	MmuINT0081819	chr9	21203695	21203859	+	0.012518
Ilf3	MmuINT0081820	chr9	21204037	21204128	+	0.006446



llf3	MmuINT0081821	chr9	21204286	21204403	+	0.009084
llf3	MmuINT0081822	chr9	21204458	21207579	+	0.144395
llf3	MmuINT0081823	chr9	21207946	21208503	+	0.070086
llf3	MmuINT0081824	chr9	21192242	21192555	+	0.044087
llf3	MmuINT0081825	chr9	21208636	21209139	+	0.010101
llf3	MmuINT0081826	chr9	21192595	21192967	+	0.047651
llf3	MmuINT0081827	chr9	21193198	21193749	+	0.008516
llf3	MmuINT0081828	chr9	21193928	21196738	+	0.013885
llf3	MmuINT0081829	chr9	21196887	21198154	+	0.012841
llf3	MmuINT0081830	chr9	21198247	21198638	+	0.020364
llf3	MmuINT0081831	chr9	21198735	21199274	+	0.018488
llf3	MmuINT0081832	chr9	21199387	21199814	+	0.015055
llk	MmuINT0081833	chr7	1.13E+08	1.13E+08	+	0.019219
llk	MmuINT0081835	chr7	1.13E+08	1.13E+08	+	0.044862
llk	MmuINT0081837	chr7	1.13E+08	1.13E+08	+	0.04448
llk	MmuINT0081839	chr7	1.13E+08	1.13E+08	+	0.061775
llk	MmuINT0081840	chr7	1.13E+08	1.13E+08	+	0.014843
llk	MmuINT0081841	chr7	1.13E+08	1.13E+08	+	0.210453
llk	MmuINT0081842	chr7	1.13E+08	1.13E+08	+	0.115604
llkap	MmuINT0081845	chr1	93287775	93295227	-	0.024335
llkap	MmuINT0081846	chr1	93272977	93275042	-	0.01173
llkap	MmuINT0081847	chr1	93272660	93272894	-	0.053231
llkap	MmuINT0081848	chr1	93287241	93287708	-	0.083839
llkap	MmuINT0081849	chr1	93285042	93287183	-	0.063203
llkap	MmuINT0081850	chr1	93283919	93284921	-	0.105159
llkap	MmuINT0081851	chr1	93281924	93283791	-	0.010452
llkap	MmuINT0081852	chr1	93281236	93281816	-	0.008852
llkap	MmuINT0081853	chr1	93279969	93281141	-	0.017136
llkap	MmuINT0081854	chr1	93278550	93279880	-	0.019922
llkap	MmuINT0081855	chr1	93275163	93278427	-	0.06284
llvbl	MmuINT0081860	chr10	78037411	78037831	+	0.372664
llvbl	MmuINT0081861	chr10	78043936	78045759	+	0.022285
llvbl	MmuINT0081862	chr10	78045875	78045964	+	0.028962
llvbl	MmuINT0081863	chr10	78046135	78046208	+	0.065118
llvbl	MmuINT0081864	chr10	78046280	78046374	+	0.105912
llvbl	MmuINT0081865	chr10	78046447	78046622	+	0.070102
llvbl	MmuINT0081866	chr10	78046729	78046814	+	0.107954
llvbl	MmuINT0081867	chr10	78037977	78039326	+	0.006248
llvbl	MmuINT0081868	chr10	78039529	78039644	+	0.007614
llvbl	MmuINT0081869	chr10	78039773	78039855	+	0.022923
llvbl	MmuINT0081870	chr10	78039995	78040086	+	0.009928
llvbl	MmuINT0081871	chr10	78040199	78041765	+	0.010434
llvbl	MmuINT0081872	chr10	78041866	78042207	+	0.01698
llvbl	MmuINT0081873	chr10	78042306	78042410	+	0.011656
llvbl	MmuINT0081874	chr10	78042548	78043800	+	0.011989
lmp1	MmuINT0081879	chr2	1.06E+08	1.06E+08	+	0.002761
lmp2	MmuINT0081881	chr12	41750733	41751147	+	0.088892
lmp2	MmuINT0081882	chr12	41751221	41794896	+	0.0082
lmp2	MmuINT0081883	chr12	41795034	41837426	+	0.006274
lmp2	MmuINT0081884	chr12	41837531	42729750	+	0.006727

lmp2l	MmuINT0081885	chr12	42729817	42804641	+	0.009371
lmp2l	MmuINT0081886	chr12	42804745	43055967	+	0.005791
lmt	MmuINT0081887	chr6	71781510	71794632	+	0.001577
lmt	MmuINT0081888	chr6	71813265	71816719	+	0.001493
lmt	MmuINT0081889	chr6	71816735	71818573	+	0.000882
lmt	MmuINT0081890	chr6	71818798	71821420	+	0.002087
lmt	MmuINT0081891	chr6	71821553	71822787	+	0.000564
lmt	MmuINT0081892	chr6	71822918	71824310	+	0.002574
lmt	MmuINT0081893	chr6	71794707	71796279	+	0.000618
lmt	MmuINT0081894	chr6	71796470	71801765	+	0.000332
lmt	MmuINT0081895	chr6	71801875	71802723	+	0.090569
lmt	MmuINT0081896	chr6	71802862	71803166	+	0.080372
lmt	MmuINT0081897	chr6	71803263	71806905	+	0.064484
lmt	MmuINT0081898	chr6	71807043	71810996	+	0.000303
lmt	MmuINT0081899	chr6	71811101	71812338	+	0.000279
lmt	MmuINT0081900	chr6	71812475	71813134	+	0.000335
lmp4	MmuINT0081901	chr1	34496773	34496885	+	0.042848
lmp4	MmuINT0081902	chr1	34496995	34499754	+	0.010374
lmp4	MmuINT0081903	chr1	34499839	34500222	+	0.022608
lmp4	MmuINT0081904	chr1	34500333	34500407	+	0.01251
lmp4	MmuINT0081905	chr1	34500541	34500613	+	0.015243
lmp4	MmuINT0081906	chr1	34500769	34500841	+	0.038758
lmp4	MmuINT0081907	chr1	34500937	34501040	+	0.012282
lmp4	MmuINT0081908	chr1	34501115	34501202	+	0.015614
lmpa1	MmuINT0081909	chr3	10329009	10331321	-	0.016999
lmpa1	MmuINT0081910	chr3	10328479	10328942	-	0.017636
lmpa1	MmuINT0081911	chr3	10326212	10328344	-	0.016417
lmpa1	MmuINT0081912	chr3	10324098	10326106	-	0.021557
lmpa1	MmuINT0081913	chr3	10323013	10324051	-	0.014124
lmpa1	MmuINT0081914	chr3	10321721	10322903	-	0.024594
lmpa1	MmuINT0081915	chr3	10316255	10321611	-	0.035736
lmpa1	MmuINT0081916	chr3	10315302	10316102	-	0.013872
lmpa2	MmuINT0081917	chr18	67449161	67461829	+	0.014885
lmpa2	MmuINT0081918	chr18	67461964	67466324	+	0.00826
lmpa2	MmuINT0081919	chr18	67466430	67468705	+	0.010068
lmpa2	MmuINT0081920	chr18	67468752	67470300	+	0.018401
lmpa2	MmuINT0081921	chr18	67470410	67475273	+	0.017778
lmpa2	MmuINT0081922	chr18	67475383	67476535	+	0.029127
lmpa2	MmuINT0081923	chr18	67476688	67478048	+	0.008459
lmpact	MmuINT0081924	chr18	13130882	13133221	+	0.042141
lmpact	MmuINT0081925	chr18	13148389	13149001	+	0.02184
lmpact	MmuINT0081926	chr18	13133351	13134487	+	0.022997
lmpact	MmuINT0081927	chr18	13134541	13134977	+	0.02791
lmpact	MmuINT0081928	chr18	13135041	13140598	+	0.071187
lmpact	MmuINT0081929	chr18	13140685	13142747	+	0.028804
lmpact	MmuINT0081930	chr18	13142874	13143727	+	0.015163
lmpact	MmuINT0081931	chr18	13143826	13144832	+	0.023596
lmpact	MmuINT0081932	chr18	13144907	13146803	+	0.069665
lmpact	MmuINT0081933	chr18	13146895	13148253	+	0.184331
lmpad1	MmuINT0081934	chr4	4705503	4719869	-	0.012181

Impad1	MmuINT0081935	chr4	4703557	4705339	-	0.010158
Impad1	MmuINT0081936	chr4	4696621	4703460	-	0.01705
Impad1	MmuINT0081937	chr4	4695120	4696458	-	0.01073
Impdh1	MmuINT0081938	chr6	29159269	29162068	-	0.022398
Impdh1	MmuINT0081939	chr6	29153247	29153348	-	0.008079
Impdh1	MmuINT0081940	chr6	29152810	29153101	-	0.016254
Impdh1	MmuINT0081941	chr6	29152531	29152665	-	0.01562
Impdh1	MmuINT0081942	chr6	29151220	29152446	-	0.061447
Impdh1	MmuINT0081943	chr6	29157197	29159219	-	0.015829
Impdh1	MmuINT0081944	chr6	29156998	29157094	-	0.016381
Impdh1	MmuINT0081945	chr6	29156513	29156922	-	0.076329
Impdh1	MmuINT0081946	chr6	29156154	29156305	-	0.051894
Impdh1	MmuINT0081947	chr6	29155251	29156065	-	0.018878
Impdh1	MmuINT0081948	chr6	29154660	29155050	-	0.032038
Impdh1	MmuINT0081949	chr6	29154375	29154568	-	0.026368
Impdh1	MmuINT0081950	chr6	29153493	29154278	-	0.055242
Inadl	MmuINT0082002	chr4	98341079	98342863	+	0.012628
Inadl	MmuINT0082003	chr4	98343012	98343931	+	0.018764
Inadl	MmuINT0082004	chr4	98344019	98347804	+	0.034564
Inadl	MmuINT0082005	chr4	98347914	98348734	+	0.016045
Inadl	MmuINT0082006	chr4	98348773	98354023	+	0.024366
Inadl	MmuINT0082007	chr4	98354147	98354816	+	0.024258
Inadl	MmuINT0082008	chr4	98370793	98384599	+	0.014751
Inadl	MmuINT0082009	chr4	98235827	98258623	+	0.029744
Inadl	MmuINT0082010	chr4	98258716	98277758	+	0.03008
Inadl	MmuINT0082011	chr4	98277832	98290293	+	0.024092
Inadl	MmuINT0082012	chr4	98290381	98305381	+	0.029466
Inadl	MmuINT0082013	chr4	98305454	98317058	+	0.035872
Inadl	MmuINT0082014	chr4	98317177	98319094	+	0.021664
Inadl	MmuINT0082015	chr4	98319250	98334266	+	0.019922
Inadl	MmuINT0082016	chr4	98334351	98340884	+	0.015419
Inadl	MmuINT0082020	chr4	98104162	98107744	+	0.043016
Inadl	MmuINT0082023	chr4	98122956	98131724	+	0.014816
Inadl	MmuINT0082024	chr4	98131887	98136163	+	0.016972
Inadl	MmuINT0082025	chr4	98136296	98158228	+	0.016373
Inadl	MmuINT0082026	chr4	98158439	98161715	+	0.020447
Inadl	MmuINT0082027	chr4	98161830	98163564	+	0.021603
Inadl	MmuINT0082029	chr4	98172497	98180289	+	0.024412
Inadl	MmuINT0082030	chr4	98180465	98185621	+	0.017063
Inadl	MmuINT0082031	chr4	98185694	98187433	+	0.023054
Inadl	MmuINT0082032	chr4	98187612	98190081	+	0.031177
Inadl	MmuINT0082033	chr4	98190193	98202200	+	0.016443
Inadl	MmuINT0082034	chr4	98202279	98205649	+	0.023084
Inadl	MmuINT0082038	chr4	98077858	98079694	+	0.055286
Inadl	MmuINT0082039	chr4	98079891	98083321	+	0.045269
Inca1	MmuINT0082044	chr11	70504055	70509365	-	0.151221
Inca1	MmuINT0082045	chr11	70503725	70503940	-	0.049664
Inca1	MmuINT0082046	chr11	70503442	70503684	-	0.038677
Inca1	MmuINT0082047	chr11	70502647	70503247	-	0.038291
Inca1	MmuINT0082048	chr11	70502252	70502486	-	0.044265

Incenp	MmuINT0082051	chr19	9952739	9952808	-	0.153864
Incenp	MmuINT0082052	chr19	9952287	9952617	-	0.091872
Incenp	MmuINT0082053	chr19	9951307	9952166	-	0.092403
Incenp	MmuINT0082055	chr19	9949414	9949587	-	0.039635
Incenp	MmuINT0082056	chr19	9948861	9949305	-	0.061382
Incenp	MmuINT0082057	chr19	9947364	9948709	-	0.056043
Incenp	MmuINT0082058	chr19	9969443	9969810	-	0.055398
Incenp	MmuINT0082059	chr19	9968500	9969328	-	0.052256
Incenp	MmuINT0082060	chr19	9961217	9967762	-	0.060402
Incenp	MmuINT0082063	chr19	9958980	9959962	-	0.049534
Incenp	MmuINT0082064	chr19	9958510	9958927	-	0.06132
Incenp	MmuINT0082065	chr19	9958324	9958394	-	0.068264
Inf2	MmuINT0082066	chr12	1.14E+08	1.14E+08	+	0.025205
Inf2	MmuINT0082067	chr12	1.14E+08	1.14E+08	+	0.036588
Inf2	MmuINT0082068	chr12	1.14E+08	1.14E+08	+	0.04498
Inf2	MmuINT0082069	chr12	1.14E+08	1.14E+08	+	0.275334
Inf2	MmuINT0082070	chr12	1.14E+08	1.14E+08	+	0.086711
Inf2	MmuINT0082071	chr12	1.14E+08	1.14E+08	+	0.035441
Inf2	MmuINT0082072	chr12	1.14E+08	1.14E+08	+	0.032853
Inf2	MmuINT0082073	chr12	1.14E+08	1.14E+08	+	0.06695
Inf2	MmuINT0082074	chr12	1.14E+08	1.14E+08	+	0.013951
Inf2	MmuINT0082075	chr12	1.14E+08	1.14E+08	+	0.010703
Inf2	MmuINT0082076	chr12	1.14E+08	1.14E+08	+	0.018463
Inf2	MmuINT0082077	chr12	1.14E+08	1.14E+08	+	0.025475
Inf2	MmuINT0082078	chr12	1.14E+08	1.14E+08	+	0.046928
Inf2	MmuINT0082079	chr12	1.14E+08	1.14E+08	+	0.501163
Inf2	MmuINT0082080	chr12	1.14E+08	1.14E+08	+	0.69937
Inf2	MmuINT0082081	chr12	1.14E+08	1.14E+08	+	0.039882
Inf2	MmuINT0082082	chr12	1.14E+08	1.14E+08	+	0.020881
Inf2	MmuINT0082083	chr12	1.14E+08	1.14E+08	+	0.024642
Inf2	MmuINT0082084	chr12	1.14E+08	1.14E+08	+	0.028342
Inf2	MmuINT0082085	chr12	1.14E+08	1.14E+08	+	0.057373
Inf2	MmuINT0082086	chr12	1.14E+08	1.14E+08	+	0.128391
Inf2	MmuINT0082087	chr12	1.14E+08	1.14E+08	+	0.115224
Ing1	MmuINT0082088	chr8	11557046	11561417	+	0.044829
Ing2	MmuINT0082089	chr8	48754691	48759859	-	0.053827
Ing3	MmuINT0082090	chr6	21899794	21900037	+	0.042579
Ing3	MmuINT0082091	chr6	21921309	21921810	+	0.021991
Ing3	MmuINT0082092	chr6	21921850	21923582	+	0.020132
Ing3	MmuINT0082093	chr6	21900110	21902128	+	0.148304
Ing3	MmuINT0082094	chr6	21902230	21903762	+	0.04531
Ing3	MmuINT0082095	chr6	21903829	21915733	+	0.029962
Ing3	MmuINT0082096	chr6	21915831	21917626	+	0.032217
Ing3	MmuINT0082097	chr6	21917699	21918884	+	0.055598
Ing3	MmuINT0082098	chr6	21919005	21919277	+	0.033852
Ing3	MmuINT0082099	chr6	21919436	21919913	+	0.027186
Ing3	MmuINT0082100	chr6	21920108	21921106	+	0.018172
Ing4	MmuINT0082101	chr6	1.25E+08	1.25E+08	+	0.022674
Ing4	MmuINT0082102	chr6	1.25E+08	1.25E+08	+	0.013615
Ing4	MmuINT0082103	chr6	1.25E+08	1.25E+08	+	0.015214

Ing4	MmuINT0082104	chr6	1.25E+08	1.25E+08	+	0.050928
Ing4	MmuINT0082105	chr6	1.25E+08	1.25E+08	+	0.101234
Ing4	MmuINT0082106	chr6	1.25E+08	1.25E+08	+	0.044046
Ing4	MmuINT0082107	chr6	1.25E+08	1.25E+08	+	0.012329
Ing5	MmuINT0082108	chr1	95700617	95702624	+	0.04928
Ing5	MmuINT0082109	chr1	95702697	95708358	+	0.033272
Ing5	MmuINT0082110	chr1	95708526	95708983	+	0.100704
Ing5	MmuINT0082111	chr1	95709096	95709242	+	0.061513
Ing5	MmuINT0082112	chr1	95709337	95712951	+	0.04464
Ing5	MmuINT0082113	chr1	95713088	95713214	+	0.03754
Ing5	MmuINT0082114	chr1	95713277	95714857	+	0.106578
Inha	MmuINT0082115	chr1	75504094	75505908	+	0.637704
Ino80	MmuINT0082124	chr2	1.19E+08	1.19E+08	-	0.029585
Ino80	MmuINT0082125	chr2	1.19E+08	1.19E+08	-	0.03483
Ino80	MmuINT0082126	chr2	1.19E+08	1.19E+08	-	0.031941
Ino80	MmuINT0082127	chr2	1.19E+08	1.19E+08	-	0.0362
Ino80	MmuINT0082128	chr2	1.19E+08	1.19E+08	-	0.040046
Ino80	MmuINT0082129	chr2	1.19E+08	1.19E+08	-	0.049047
Ino80	MmuINT0082130	chr2	1.19E+08	1.19E+08	-	0.03907
Ino80	MmuINT0082131	chr2	1.19E+08	1.19E+08	-	0.044976
Ino80	MmuINT0082132	chr2	1.19E+08	1.19E+08	-	0.026837
Ino80	MmuINT0082134	chr2	1.19E+08	1.19E+08	-	0.026373
Ino80	MmuINT0082135	chr2	1.19E+08	1.19E+08	-	0.01864
Ino80	MmuINT0082136	chr2	1.19E+08	1.19E+08	-	0.034319
Ino80	MmuINT0082137	chr2	1.19E+08	1.19E+08	-	0.034514
Ino80	MmuINT0082138	chr2	1.19E+08	1.19E+08	-	0.036035
Ino80	MmuINT0082140	chr2	1.19E+08	1.19E+08	-	0.015599
Ino80	MmuINT0082141	chr2	1.19E+08	1.19E+08	-	0.027119
Ino80	MmuINT0082142	chr2	1.19E+08	1.19E+08	-	0.026812
Ino80	MmuINT0082143	chr2	1.19E+08	1.19E+08	-	0.02244
Ino80	MmuINT0082144	chr2	1.19E+08	1.19E+08	-	0.037819
Ino80	MmuINT0082145	chr2	1.19E+08	1.19E+08	-	0.03192
Ino80	MmuINT0082146	chr2	1.19E+08	1.19E+08	-	0.017807
Ino80	MmuINT0082147	chr2	1.19E+08	1.19E+08	-	0.026723
Ino80	MmuINT0082149	chr2	1.19E+08	1.19E+08	-	0.016811
Ino80	MmuINT0082150	chr2	1.19E+08	1.19E+08	-	0.132691
Ino80	MmuINT0082151	chr2	1.19E+08	1.19E+08	-	0.163842
Ino80	MmuINT0082152	chr2	1.19E+08	1.19E+08	-	0.038363
Ino80	MmuINT0082153	chr2	1.19E+08	1.19E+08	-	0.03477
Ino80	MmuINT0082154	chr2	1.19E+08	1.19E+08	-	0.034417
Ino80	MmuINT0082155	chr2	1.19E+08	1.19E+08	-	0.033137
Ino80	MmuINT0082156	chr2	1.19E+08	1.19E+08	-	0.032838
Ino80	MmuINT0082157	chr2	1.19E+08	1.19E+08	-	0.028089
Ino80b	MmuINT0082158	chr6	83074772	83075004	-	0.007839
Ino80b	MmuINT0082159	chr6	83074420	83074578	-	0.02531
Ino80b	MmuINT0082160	chr6	83074158	83074300	-	0.018817
Ino80b	MmuINT0082161	chr6	83072359	83073987	-	0.010863
Ino80c	MmuINT0082162	chr18	24272689	24280149	-	0.008531
Ino80c	MmuINT0082163	chr18	24271274	24272577	-	0.012108
Ino80c	MmuINT0082164	chr18	24270284	24271161	-	0.02311

Ino80c	MmuINT0082165	chr18	24265160	24270215	-	0.006163
Ino80d	MmuINT0082167	chr1	63107772	63108609	-	0.037222
Ino80d	MmuINT0082168	chr1	63105720	63107613	-	0.069136
Ino80d	MmuINT0082170	chr1	63132973	63139858	-	0.079856
Ino80d	MmuINT0082171	chr1	63125636	63132241	-	0.05832
Ino80d	MmuINT0082172	chr1	63121121	63125526	-	0.057722
Ino80d	MmuINT0082173	chr1	63114868	63120895	-	0.070716
Ino80d	MmuINT0082174	chr1	63112412	63114757	-	0.052093
Ino80e	MmuINT0082177	chr7	1.34E+08	1.34E+08	-	0.041414
Ino80e	MmuINT0082178	chr7	1.34E+08	1.34E+08	-	0.010945
Ino80e	MmuINT0082179	chr7	1.34E+08	1.34E+08	-	0.117732
Ino80e	MmuINT0082180	chr7	1.34E+08	1.34E+08	-	0.100406
Inpp1	MmuINT0082181	chr1	52856381	52874245	-	0.034146
Inpp1	MmuINT0082182	chr1	52853946	52856128	-	0.085686
Inpp1	MmuINT0082183	chr1	52851515	52853884	-	0.246346
Inpp1	MmuINT0082184	chr1	52848707	52851313	-	0.026608
Inpp1	MmuINT0082185	chr1	52847062	52848531	-	0.016824
Inpp4a	MmuINT0082186	chr1	37356964	37414187	+	0.042115
Inpp4a	MmuINT0082187	chr1	37414250	37414659	+	0.028417
Inpp4a	MmuINT0082189	chr1	37414870	37415352	+	0.026786
Inpp4a	MmuINT0082190	chr1	37415398	37420954	+	0.049429
Inpp4a	MmuINT0082191	chr1	37421074	37423007	+	0.026688
Inpp4a	MmuINT0082192	chr1	37423125	37423383	+	0.039713
Inpp4a	MmuINT0082193	chr1	37423464	37423714	+	0.033021
Inpp4a	MmuINT0082194	chr1	37423827	37424601	+	0.038434
Inpp4a	MmuINT0082195	chr1	37424693	37425121	+	0.025707
Inpp4a	MmuINT0082196	chr1	37445756	37446494	+	0.021452
Inpp4a	MmuINT0082197	chr1	37446622	37446893	+	0.022953
Inpp4a	MmuINT0082198	chr1	37447035	37449787	+	0.019955
Inpp4a	MmuINT0082199	chr1	37449886	37452914	+	0.03163
Inpp4a	MmuINT0082200	chr1	37453028	37455610	+	0.025428
Inpp4a	MmuINT0082202	chr1	37428652	37429155	+	0.02069
Inpp4a	MmuINT0082204	chr1	37431135	37434422	+	0.026247
Inpp4a	MmuINT0082205	chr1	37434607	37435685	+	0.019459
Inpp4a	MmuINT0082206	chr1	37435905	37436766	+	0.020823
Inpp4a	MmuINT0082207	chr1	37436906	37440183	+	0.141954
Inpp4a	MmuINT0082208	chr1	37440217	37444542	+	0.085592
Inpp4a	MmuINT0082209	chr1	37444716	37445631	+	0.0264
Inpp4b	MmuINT0082211	chr8	84476209	84476586	+	0.010135
Inpp4b	MmuINT0082212	chr8	84476692	84493409	+	0.013565
Inpp4b	MmuINT0082213	chr8	84493519	84509135	+	0.011724
Inpp4b	MmuINT0082214	chr8	84509314	84521098	+	0.130827
Inpp4b	MmuINT0082215	chr8	84521303	84534437	+	0.014038
Inpp4b	MmuINT0082216	chr8	84534604	84556955	+	0.011507
Inpp4b	MmuINT0082217	chr8	84557129	84558279	+	0.024649
Inpp4b	MmuINT0082218	chr8	84558404	84565788	+	0.012844
Inpp4b	MmuINT0082219	chr8	84565907	84570121	+	0.019927
Inpp4b	MmuINT0082220	chr8	84570263	84572358	+	0.024685
Inpp4b	MmuINT0082222	chr8	84572457	84592830	+	0.019966
Inpp4b	MmuINT0082223	chr8	84592944	84595579	+	0.013421

Inpp4b	MmuINT0082224	chr8	84595735	84645115	+	0.661383
Inpp4b	MmuINT0082228	chr8	84380671	84408031	+	0.010832
Inpp4b	MmuINT0082229	chr8	84408144	84414609	+	0.013276
Inpp4b	MmuINT0082230	chr8	84414683	84426624	+	0.015106
Inpp4b	MmuINT0082231	chr8	84426773	84476077	+	0.011517
Inpp5a	MmuINT0082232	chr7	1.47E+08	1.47E+08	+	0.001517
Inpp5a	MmuINT0082233	chr7	1.47E+08	1.47E+08	+	0.000893
Inpp5a	MmuINT0082234	chr7	1.47E+08	1.47E+08	+	0.001598
Inpp5a	MmuINT0082235	chr7	1.47E+08	1.47E+08	+	0.001903
Inpp5a	MmuINT0082236	chr7	1.47E+08	1.47E+08	+	0.009018
Inpp5a	MmuINT0082237	chr7	1.47E+08	1.47E+08	+	0.003137
Inpp5a	MmuINT0082238	chr7	1.47E+08	1.47E+08	+	0.002659
Inpp5a	MmuINT0082239	chr7	1.47E+08	1.47E+08	+	0.001663
Inpp5a	MmuINT0082240	chr7	1.47E+08	1.47E+08	+	0.001
Inpp5a	MmuINT0082241	chr7	1.47E+08	1.47E+08	+	0.001767
Inpp5a	MmuINT0082242	chr7	1.47E+08	1.47E+08	+	0.001918
Inpp5a	MmuINT0082243	chr7	1.47E+08	1.47E+08	+	0.001186
Inpp5a	MmuINT0082244	chr7	1.47E+08	1.47E+08	+	0.001554
Inpp5a	MmuINT0082245	chr7	1.47E+08	1.47E+08	+	0.00121
Inpp5b	MmuINT0082247	chr4	1.24E+08	1.24E+08	+	0.047776
Inpp5b	MmuINT0082248	chr4	1.24E+08	1.24E+08	+	0.037989
Inpp5b	MmuINT0082249	chr4	1.24E+08	1.24E+08	+	0.020369
Inpp5b	MmuINT0082250	chr4	1.24E+08	1.24E+08	+	0.037256
Inpp5b	MmuINT0082251	chr4	1.24E+08	1.24E+08	+	0.056005
Inpp5b	MmuINT0082252	chr4	1.24E+08	1.24E+08	+	0.064928
Inpp5b	MmuINT0082253	chr4	1.24E+08	1.24E+08	+	0.028648
Inpp5b	MmuINT0082254	chr4	1.24E+08	1.24E+08	+	0.043856
Inpp5b	MmuINT0082255	chr4	1.24E+08	1.24E+08	+	0.168161
Inpp5b	MmuINT0082256	chr4	1.24E+08	1.24E+08	+	0.108959
Inpp5b	MmuINT0082258	chr4	1.24E+08	1.24E+08	+	0.041631
Inpp5b	MmuINT0082259	chr4	1.24E+08	1.24E+08	+	0.107127
Inpp5b	MmuINT0082260	chr4	1.24E+08	1.24E+08	+	0.499068
Inpp5b	MmuINT0082261	chr4	1.24E+08	1.24E+08	+	0.047676
Inpp5b	MmuINT0082267	chr4	1.24E+08	1.24E+08	+	0.037361
Inpp5b	MmuINT0082268	chr4	1.24E+08	1.24E+08	+	0.053987
Inpp5d	MmuINT0082269	chr1	89611669	89611851	+	0.936502
Inpp5d	MmuINT0082270	chr1	89517207	89531866	+	0.048257
Inpp5d	MmuINT0082271	chr1	89588307	89591907	+	0.049689
Inpp5d	MmuINT0082272	chr1	89592011	89593923	+	0.063599
Inpp5d	MmuINT0082273	chr1	89594121	89594687	+	0.05404
Inpp5d	MmuINT0082274	chr1	89594806	89595602	+	0.052098
Inpp5d	MmuINT0082275	chr1	89595700	89596214	+	0.115754
Inpp5d	MmuINT0082276	chr1	89596354	89597734	+	0.050609
Inpp5d	MmuINT0082277	chr1	89597844	89597989	+	0.068249
Inpp5d	MmuINT0082278	chr1	89598079	89599692	+	0.06042
Inpp5d	MmuINT0082279	chr1	89599775	89602508	+	0.058959
Inpp5d	MmuINT0082280	chr1	89602599	89604670	+	0.16126
Inpp5d	MmuINT0082281	chr1	89531931	89561961	+	0.06177
Inpp5d	MmuINT0082282	chr1	89604785	89606192	+	0.056989
Inpp5d	MmuINT0082283	chr1	89606276	89607639	+	0.114122

Inpp5d	MmuINT0082284	chr1	89607728	89608605	+	0.057695
Inpp5d	MmuINT0082285	chr1	89608756	89609767	+	0.053029
Inpp5d	MmuINT0082286	chr1	89614860	89615895	+	0.030191
Inpp5d	MmuINT0082288	chr1	89566358	89572857	+	0.04132
Inpp5d	MmuINT0082290	chr1	89578145	89578261	+	0.087782
Inpp5d	MmuINT0082291	chr1	89578334	89580317	+	0.057443
Inpp5d	MmuINT0082292	chr1	89580442	89588199	+	0.043704
Inpp5e	MmuINT0082293	chr2	26257744	26263286	-	0.01594
Inpp5e	MmuINT0082294	chr2	26257219	26257619	-	0.033852
Inpp5e	MmuINT0082295	chr2	26256531	26257120	-	0.040537
Inpp5e	MmuINT0082296	chr2	26256013	26256405	-	0.024977
Inpp5e	MmuINT0082297	chr2	26255664	26255892	-	0.021676
Inpp5e	MmuINT0082298	chr2	26255095	26255555	-	0.051469
Inpp5e	MmuINT0082299	chr2	26254869	26254932	-	0.165602
Inpp5e	MmuINT0082300	chr2	26254213	26254752	-	0.049232
Inpp5e	MmuINT0082301	chr2	26253492	26254075	-	0.160318
Inpp5f	MmuINT0082311	chr7	1.36E+08	1.36E+08	+	0.131073
Inpp5f	MmuINT0082312	chr7	1.36E+08	1.36E+08	+	0.105699
Inpp5f	MmuINT0082315	chr7	1.36E+08	1.36E+08	+	0.084753
Inpp5j	MmuINT0082321	chr11	3403147	3404646	-	0.016021
Inpp5j	MmuINT0082322	chr11	3395641	3395787	-	0.015303
Inpp5j	MmuINT0082323	chr11	3395455	3395562	-	0.038616
Inpp5j	MmuINT0082324	chr11	3395170	3395349	-	0.028926
Inpp5j	MmuINT0082325	chr11	3401642	3401989	-	0.072233
Inpp5j	MmuINT0082326	chr11	3401432	3401527	-	0.01433
Inpp5j	MmuINT0082327	chr11	3401166	3401322	-	0.075295
Inpp5j	MmuINT0082328	chr11	3400753	3401048	-	0.022593
Inpp5j	MmuINT0082329	chr11	3400253	3400576	-	0.022441
Inpp5j	MmuINT0082330	chr11	3400004	3400140	-	0.0156
Inpp5j	MmuINT0082331	chr11	3399784	3399893	-	0.011007
Inpp5j	MmuINT0082332	chr11	3395926	3399599	-	0.038608
Inpp5k	MmuINT0082333	chr11	75444700	75446570	+	0.021084
Inpp5k	MmuINT0082334	chr11	75460779	75460903	+	0.090022
Inpp5k	MmuINT0082335	chr11	75461009	75461153	+	0.048274
Inpp5k	MmuINT0082336	chr11	75446679	75446964	+	0.014484
Inpp5k	MmuINT0082337	chr11	75447074	75450445	+	0.028265
Inpp5k	MmuINT0082338	chr11	75450563	75450911	+	0.029076
Inpp5k	MmuINT0082339	chr11	75451088	75451646	+	0.035731
Inpp5k	MmuINT0082340	chr11	75451759	75452957	+	0.019022
Inpp5k	MmuINT0082341	chr11	75453068	75458929	+	0.087627
Inpp5k	MmuINT0082342	chr11	75459120	75460287	+	0.071211
Inpp5k	MmuINT0082343	chr11	75460426	75460694	+	0.058064
Inpp1l	MmuINT0082345	chr7	1.09E+08	1.09E+08	-	0.336138
Inpp1l	MmuINT0082346	chr7	1.09E+08	1.09E+08	-	0.003146
Inpp1l	MmuINT0082347	chr7	1.09E+08	1.09E+08	-	0.002979
Inpp1l	MmuINT0082348	chr7	1.09E+08	1.09E+08	-	0.02834
Inpp1l	MmuINT0082349	chr7	1.09E+08	1.09E+08	-	0.002606
Inpp1l	MmuINT0082350	chr7	1.09E+08	1.09E+08	-	0.007188
Inpp1l	MmuINT0082351	chr7	1.09E+08	1.09E+08	-	0.015015
Inpp1l	MmuINT0082352	chr7	1.09E+08	1.09E+08	-	0.007368



Inpp11	MmuINT0082353	chr7	1.09E+08	1.09E+08	-	0.004474
Inpp11	MmuINT0082354	chr7	1.09E+08	1.09E+08	-	0.004618
Inpp11	MmuINT0082355	chr7	1.09E+08	1.09E+08	-	0.002456
Inpp11	MmuINT0082356	chr7	1.09E+08	1.09E+08	-	0.004275
Inpp11	MmuINT0082357	chr7	1.09E+08	1.09E+08	-	0.004097
Inpp11	MmuINT0082358	chr7	1.09E+08	1.09E+08	-	0.005649
Inpp11	MmuINT0082359	chr7	1.09E+08	1.09E+08	-	0.002632
Inpp11	MmuINT0082360	chr7	1.09E+08	1.09E+08	-	0.003027
Inpp11	MmuINT0082361	chr7	1.09E+08	1.09E+08	-	0.020716
Inpp11	MmuINT0082362	chr7	1.09E+08	1.09E+08	-	0.002599
Inpp11	MmuINT0082363	chr7	1.09E+08	1.09E+08	-	0.009874
Inpp11	MmuINT0082364	chr7	1.09E+08	1.09E+08	-	0.025046
Inpp11	MmuINT0082365	chr7	1.09E+08	1.09E+08	-	0.010306
Inpp11	MmuINT0082366	chr7	1.09E+08	1.09E+08	-	0.003077
Inpp11	MmuINT0082367	chr7	1.09E+08	1.09E+08	-	0.002782
Inpp11	MmuINT0082368	chr7	1.09E+08	1.09E+08	-	0.004623
Inpp11	MmuINT0082369	chr7	1.09E+08	1.09E+08	-	0.002398
Inpp11	MmuINT0082370	chr7	1.09E+08	1.09E+08	-	0.003972
Inpp11	MmuINT0082371	chr7	1.09E+08	1.09E+08	-	0.005554
Inpp11	MmuINT0082372	chr7	1.09E+08	1.09E+08	-	0.002826
Insig1	MmuINT0082388	chr5	28398336	28400086	+	0.017489
Insig1	MmuINT0082389	chr5	28400212	28401021	+	0.03947
Insig2	MmuINT0082394	chr1	1.23E+08	1.23E+08	-	0.005476
Insig2	MmuINT0082395	chr1	1.23E+08	1.23E+08	-	0.012787
Insig2	MmuINT0082396	chr1	1.23E+08	1.23E+08	-	0.011542
Insig2	MmuINT0082397	chr1	1.23E+08	1.23E+08	-	0.004463
Insr	MmuINT0082401	chr8	3258935	3279028	-	0.005296
Insr	MmuINT0082402	chr8	3174889	3184950	-	0.027652
Insr	MmuINT0082403	chr8	3173620	3174613	-	0.003619
Insr	MmuINT0082404	chr8	3169869	3173479	-	0.007361
Insr	MmuINT0082405	chr8	3167605	3169708	-	0.009281
Insr	MmuINT0082406	chr8	3165586	3167501	-	0.0064
Insr	MmuINT0082407	chr8	3163482	3165517	-	0.045234
Insr	MmuINT0082408	chr8	3161792	3163236	-	0.010682
Insr	MmuINT0082409	chr8	3161499	3161680	-	0.006595
Insr	MmuINT0082410	chr8	3159583	3161338	-	0.016884
Insr	MmuINT0082411	chr8	3158831	3159452	-	0.008911
Insr	MmuINT0082412	chr8	3211701	3258382	-	0.004584
Insr	MmuINT0082413	chr8	3156024	3158695	-	0.005299
Insr	MmuINT0082414	chr8	3204779	3211378	-	0.004883
Insr	MmuINT0082415	chr8	3203035	3204629	-	0.004084
Insr	MmuINT0082416	chr8	3198276	3202889	-	0.004687
Insr	MmuINT0082417	chr8	3194922	3198060	-	0.004253
Insr	MmuINT0082418	chr8	3192803	3194794	-	0.004718
Insr	MmuINT0082419	chr8	3189293	3192545	-	0.003886
Insr	MmuINT0082420	chr8	3185153	3189124	-	0.005771
Ints1	MmuINT0082442	chr5	1.4E+08	1.4E+08	-	0.020839
Ints1	MmuINT0082443	chr5	1.4E+08	1.4E+08	-	0.012535
Ints1	MmuINT0082444	chr5	1.4E+08	1.4E+08	-	0.03302
Ints1	MmuINT0082445	chr5	1.4E+08	1.4E+08	-	0.017402

Ints1	MmuINT0082446	chr5	1.4E+08	1.4E+08	-	0.043535
Ints1	MmuINT0082447	chr5	1.4E+08	1.4E+08	-	0.031644
Ints1	MmuINT0082448	chr5	1.4E+08	1.4E+08	-	0.012231
Ints1	MmuINT0082449	chr5	1.4E+08	1.4E+08	-	0.016081
Ints1	MmuINT0082450	chr5	1.4E+08	1.4E+08	-	0.021162
Ints1	MmuINT0082451	chr5	1.4E+08	1.4E+08	-	0.009776
Ints1	MmuINT0082452	chr5	1.4E+08	1.4E+08	-	0.010988
Ints1	MmuINT0082453	chr5	1.4E+08	1.4E+08	-	0.011946
Ints1	MmuINT0082454	chr5	1.4E+08	1.4E+08	-	0.010847
Ints1	MmuINT0082455	chr5	1.4E+08	1.4E+08	-	0.010499
Ints1	MmuINT0082456	chr5	1.4E+08	1.4E+08	-	0.009959
Ints1	MmuINT0082457	chr5	1.4E+08	1.4E+08	-	0.010113
Ints1	MmuINT0082458	chr5	1.4E+08	1.4E+08	-	0.044424
Ints1	MmuINT0082459	chr5	1.4E+08	1.4E+08	-	0.029653
Ints1	MmuINT0082460	chr5	1.4E+08	1.4E+08	-	0.022174
Ints1	MmuINT0082461	chr5	1.4E+08	1.4E+08	-	0.015431
Ints1	MmuINT0082462	chr5	1.4E+08	1.4E+08	-	0.010968
Ints1	MmuINT0082463	chr5	1.4E+08	1.4E+08	-	0.011763
Ints1	MmuINT0082464	chr5	1.4E+08	1.4E+08	-	0.012949
Ints1	MmuINT0082465	chr5	1.4E+08	1.4E+08	-	0.014236
Ints1	MmuINT0082466	chr5	1.4E+08	1.4E+08	-	0.014316
Ints1	MmuINT0082467	chr5	1.4E+08	1.4E+08	-	0.013392
Ints1	MmuINT0082468	chr5	1.4E+08	1.4E+08	-	0.016534
Ints1	MmuINT0082469	chr5	1.4E+08	1.4E+08	-	0.016566
Ints1	MmuINT0082470	chr5	1.4E+08	1.4E+08	-	0.01066
Ints1	MmuINT0082471	chr5	1.4E+08	1.4E+08	-	0.012006
Ints1	MmuINT0082472	chr5	1.4E+08	1.4E+08	-	0.014563
Ints1	MmuINT0082473	chr5	1.4E+08	1.4E+08	-	0.022015
Ints1	MmuINT0082474	chr5	1.4E+08	1.4E+08	-	0.022136
Ints1	MmuINT0082475	chr5	1.4E+08	1.4E+08	-	0.014422
Ints1	MmuINT0082476	chr5	1.4E+08	1.4E+08	-	0.041196
Ints1	MmuINT0082477	chr5	1.4E+08	1.4E+08	-	0.010435
Ints1	MmuINT0082478	chr5	1.4E+08	1.4E+08	-	0.103927
Ints1	MmuINT0082479	chr5	1.4E+08	1.4E+08	-	0.00993
Ints1	MmuINT0082480	chr5	1.4E+08	1.4E+08	-	0.016498
Ints1	MmuINT0082481	chr5	1.4E+08	1.4E+08	-	0.009752
Ints1	MmuINT0082482	chr5	1.4E+08	1.4E+08	-	0.008002
Ints1	MmuINT0082483	chr5	1.4E+08	1.4E+08	-	0.014051
Ints1	MmuINT0082484	chr5	1.4E+08	1.4E+08	-	0.343538
Ints1	MmuINT0082485	chr5	1.4E+08	1.4E+08	-	0.013853
Ints1	MmuINT0082486	chr5	1.4E+08	1.4E+08	-	0.010364
Ints1	MmuINT0082487	chr5	1.4E+08	1.4E+08	-	0.008845
Ints10	MmuINT0082488	chr8	71318048	71318509	+	0.013751
Ints10	MmuINT0082489	chr8	71334632	71335809	+	0.01042
Ints10	MmuINT0082490	chr8	71335893	71337464	+	0.009918
Ints10	MmuINT0082491	chr8	71337618	71338155	+	0.008902
Ints10	MmuINT0082492	chr8	71338265	71343186	+	0.011109
Ints10	MmuINT0082493	chr8	71343267	71344553	+	0.016179
Ints10	MmuINT0082494	chr8	71344717	71346055	+	0.007151
Ints10	MmuINT0082495	chr8	71346150	71351175	+	0.440875

Ints10	MmuINT0082496	chr8	71318578	71320615	+	0.01411
Ints10	MmuINT0082497	chr8	71320720	71321657	+	0.009761
Ints10	MmuINT0082498	chr8	71321798	71326214	+	0.013436
Ints10	MmuINT0082499	chr8	71326297	71326781	+	0.012937
Ints10	MmuINT0082500	chr8	71326923	71328712	+	0.008365
Ints10	MmuINT0082501	chr8	71328885	71331360	+	0.010271
Ints10	MmuINT0082502	chr8	71331531	71332274	+	0.006457
Ints10	MmuINT0082503	chr8	71332409	71334477	+	0.007193
Ints12	MmuINT0082504	chr3	1.33E+08	1.33E+08	+	0.04221
Ints12	MmuINT0082505	chr3	1.33E+08	1.33E+08	+	0.020941
Ints12	MmuINT0082506	chr3	1.33E+08	1.33E+08	+	0.018684
Ints12	MmuINT0082507	chr3	1.33E+08	1.33E+08	+	0.020326
Ints12	MmuINT0082508	chr3	1.33E+08	1.33E+08	+	0.021189
Ints12	MmuINT0082509	chr3	1.33E+08	1.33E+08	+	0.020363
Ints2	MmuINT0082516	chr11	86042808	86045466	-	0.063482
Ints2	MmuINT0082519	chr11	86035734	86038444	-	0.085638
Ints2	MmuINT0082520	chr11	86031437	86035607	-	0.074581
Ints2	MmuINT0082522	chr11	86029301	86031237	-	0.078593
Ints2	MmuINT0082523	chr11	86028754	86029048	-	0.155167
Ints2	MmuINT0082524	chr11	86028519	86028645	-	0.104089
Ints2	MmuINT0082525	chr11	86026570	86028412	-	0.062969
Ints2	MmuINT0082526	chr11	86026304	86026392	-	0.063072
Ints2	MmuINT0082530	chr11	86062486	86062723	-	0.061242
Ints2	MmuINT0082531	chr11	86058132	86062311	-	0.054198
Ints3	MmuINT0082534	chr3	90228010	90236725	-	0.031323
Ints3	MmuINT0082535	chr3	90208524	90210095	-	0.015089
Ints3	MmuINT0082536	chr3	90207987	90208435	-	0.023111
Ints3	MmuINT0082537	chr3	90207520	90207906	-	0.021204
Ints3	MmuINT0082538	chr3	90207108	90207427	-	0.030589
Ints3	MmuINT0082539	chr3	90206350	90207000	-	0.040857
Ints3	MmuINT0082540	chr3	90205895	90206229	-	0.024231
Ints3	MmuINT0082541	chr3	90205382	90205764	-	0.015791
Ints3	MmuINT0082542	chr3	90205094	90205326	-	0.020983
Ints3	MmuINT0082543	chr3	90204562	90204989	-	0.041411
Ints3	MmuINT0082544	chr3	90204346	90204516	-	0.034541
Ints3	MmuINT0082545	chr3	90225742	90227925	-	0.020126
Ints3	MmuINT0082546	chr3	90200454	90204225	-	0.040302
Ints3	MmuINT0082547	chr3	90199129	90200299	-	0.0334
Ints3	MmuINT0082548	chr3	90198321	90199059	-	0.019164
Ints3	MmuINT0082549	chr3	90198110	90198244	-	0.015401
Ints3	MmuINT0082550	chr3	90197717	90197995	-	0.034358
Ints3	MmuINT0082551	chr3	90197186	90197667	-	0.029539
Ints3	MmuINT0082552	chr3	90196814	90197017	-	0.018668
Ints3	MmuINT0082553	chr3	90196523	90196712	-	0.071552
Ints3	MmuINT0082554	chr3	90196291	90196449	-	0.016489
Ints3	MmuINT0082555	chr3	90196028	90196133	-	0.018355
Ints3	MmuINT0082556	chr3	90219529	90225657	-	0.019959
Ints3	MmuINT0082557	chr3	90195834	90195914	-	0.779275
Ints3	MmuINT0082558	chr3	90219165	90219414	-	0.015668
Ints3	MmuINT0082559	chr3	90217519	90219079	-	0.017053

Ints3	MmuINT0082560	chr3	90215268	90217451	-	0.01661
Ints3	MmuINT0082561	chr3	90214050	90215122	-	0.016212
Ints3	MmuINT0082562	chr3	90212522	90213919	-	0.022426
Ints3	MmuINT0082563	chr3	90210288	90212423	-	0.0322
Ints4	MmuINT0082564	chr7	1.05E+08	1.05E+08	+	0.005886
Ints4	MmuINT0082565	chr7	1.05E+08	1.05E+08	+	0.00651
Ints4	MmuINT0082566	chr7	1.05E+08	1.05E+08	+	0.005229
Ints4	MmuINT0082567	chr7	1.05E+08	1.05E+08	+	0.012475
Ints4	MmuINT0082568	chr7	1.05E+08	1.05E+08	+	0.010958
Ints4	MmuINT0082569	chr7	1.05E+08	1.05E+08	+	0.004917
Ints4	MmuINT0082570	chr7	1.05E+08	1.05E+08	+	0.007465
Ints4	MmuINT0082571	chr7	1.05E+08	1.05E+08	+	0.041425
Ints4	MmuINT0082572	chr7	1.05E+08	1.05E+08	+	0.00885
Ints4	MmuINT0082573	chr7	1.05E+08	1.05E+08	+	0.019006
Ints4	MmuINT0082574	chr7	1.05E+08	1.05E+08	+	0.014061
Ints4	MmuINT0082575	chr7	1.05E+08	1.05E+08	+	0.007949
Ints4	MmuINT0082576	chr7	1.05E+08	1.05E+08	+	0.004416
Ints4	MmuINT0082577	chr7	1.05E+08	1.05E+08	+	0.010245
Ints4	MmuINT0082578	chr7	1.05E+08	1.05E+08	+	0.009432
Ints4	MmuINT0082579	chr7	1.05E+08	1.05E+08	+	0.008278
Ints4	MmuINT0082580	chr7	1.05E+08	1.05E+08	+	0.008248
Ints4	MmuINT0082581	chr7	1.05E+08	1.05E+08	+	0.012267
Ints4	MmuINT0082582	chr7	1.05E+08	1.05E+08	+	0.015983
Ints4	MmuINT0082583	chr7	1.05E+08	1.05E+08	+	0.032722
Ints4	MmuINT0082584	chr7	1.05E+08	1.05E+08	+	0.007797
Ints4	MmuINT0082585	chr7	1.05E+08	1.05E+08	+	0.005993
Ints5	MmuINT0082586	chr19	8967639	8969248	+	0.011239
Ints6	MmuINT0082587	chr14	63379081	63379384	-	0.143261
Ints6	MmuINT0082588	chr14	63324801	63326441	-	0.023474
Ints6	MmuINT0082589	chr14	63323734	63324689	-	0.031464
Ints6	MmuINT0082590	chr14	63322138	63323520	-	0.020807
Ints6	MmuINT0082591	chr14	63321351	63322010	-	0.044843
Ints6	MmuINT0082592	chr14	63319700	63321207	-	0.021759
Ints6	MmuINT0082594	chr14	63314630	63315429	-	0.018571
Ints6	MmuINT0082595	chr14	63312512	63314535	-	0.018009
Ints6	MmuINT0082597	chr14	63378188	63379002	-	0.032322
Ints6	MmuINT0082598	chr14	63362836	63378037	-	0.03364
Ints6	MmuINT0082599	chr14	63335320	63362745	-	0.026819
Ints6	MmuINT0082600	chr14	63333256	63335135	-	0.024502
Ints6	MmuINT0082601	chr14	63332677	63333129	-	0.962738
Ints6	MmuINT0082602	chr14	63328458	63332521	-	0.024289
Ints6	MmuINT0082603	chr14	63327861	63328304	-	0.02159
Ints6	MmuINT0082604	chr14	63326537	63327727	-	0.02104
Ints7	MmuINT0082605	chr1	1.93E+08	1.93E+08	+	0.029297
Ints7	MmuINT0082606	chr1	1.93E+08	1.93E+08	+	0.034095
Ints7	MmuINT0082607	chr1	1.93E+08	1.93E+08	+	0.355884
Ints7	MmuINT0082608	chr1	1.93E+08	1.93E+08	+	0.024091
Ints7	MmuINT0082609	chr1	1.93E+08	1.93E+08	+	0.044951
Ints7	MmuINT0082610	chr1	1.93E+08	1.93E+08	+	0.022368
Ints7	MmuINT0082611	chr1	1.93E+08	1.93E+08	+	0.052485

Ints7	MmuINT0082612	chr1	1.93E+08	1.93E+08	+	0.045031
Ints7	MmuINT0082613	chr1	1.93E+08	1.93E+08	+	0.029985
Ints7	MmuINT0082614	chr1	1.93E+08	1.93E+08	+	0.020514
Ints7	MmuINT0082615	chr1	1.93E+08	1.93E+08	+	0.029177
Ints7	MmuINT0082616	chr1	1.93E+08	1.93E+08	+	0.022871
Ints7	MmuINT0082617	chr1	1.93E+08	1.93E+08	+	0.027107
Ints7	MmuINT0082618	chr1	1.93E+08	1.93E+08	+	0.033155
Ints7	MmuINT0082619	chr1	1.93E+08	1.93E+08	+	0.029066
Ints7	MmuINT0082620	chr1	1.93E+08	1.93E+08	+	0.021597
Ints7	MmuINT0082621	chr1	1.93E+08	1.93E+08	+	0.042395
Ints7	MmuINT0082622	chr1	1.93E+08	1.93E+08	+	0.049515
Ints7	MmuINT0082623	chr1	1.93E+08	1.93E+08	+	0.03981
Ints8	MmuINT0082625	chr4	11158871	11161717	-	0.027977
Ints8	MmuINT0082626	chr4	11157656	11158799	-	0.030922
Ints8	MmuINT0082627	chr4	11156132	11157479	-	0.021939
Ints8	MmuINT0082629	chr4	11152951	11154266	-	0.021812
Ints8	MmuINT0082630	chr4	11151035	11152748	-	0.029288
Ints8	MmuINT0082631	chr4	11148445	11150912	-	0.020387
Ints8	MmuINT0082632	chr4	11147074	11148259	-	0.031482
Ints8	MmuINT0082633	chr4	11145973	11147039	-	0.031879
Ints8	MmuINT0082634	chr4	11145821	11145915	-	0.033097
Ints8	MmuINT0082635	chr4	11175459	11179922	-	0.029389
Ints8	MmuINT0082636	chr4	11143723	11145758	-	0.046784
Ints8	MmuINT0082637	chr4	11140957	11143603	-	0.018066
Ints8	MmuINT0082638	chr4	11139080	11140852	-	0.067921
Ints8	MmuINT0082639	chr4	11136613	11139028	-	0.040249
Ints8	MmuINT0082641	chr4	11136017	11136358	-	0.045373
Ints8	MmuINT0082642	chr4	11175051	11175317	-	0.042342
Ints8	MmuINT0082643	chr4	11173294	11174978	-	0.04886
Ints8	MmuINT0082644	chr4	11173054	11173241	-	0.022769
Ints8	MmuINT0082645	chr4	11168836	11172870	-	0.028868
Ints8	MmuINT0082646	chr4	11166610	11168727	-	0.039434
Ints8	MmuINT0082647	chr4	11162758	11166453	-	0.071283
Ints8	MmuINT0082648	chr4	11161860	11162656	-	0.027574
Ints9	MmuINT0082649	chr14	65569205	65598958	+	0.022904
Ints9	MmuINT0082650	chr14	65639334	65645241	+	0.01621
Ints9	MmuINT0082651	chr14	65645303	65647722	+	0.015941
Ints9	MmuINT0082652	chr14	65647895	65651056	+	0.021293
Ints9	MmuINT0082653	chr14	65651182	65652764	+	0.021705
Ints9	MmuINT0082654	chr14	65652933	65655234	+	0.020223
Ints9	MmuINT0082655	chr14	65655334	65656182	+	0.029655
Ints9	MmuINT0082656	chr14	65656321	65658109	+	0.025822
Ints9	MmuINT0082657	chr14	65599087	65605139	+	0.017126
Ints9	MmuINT0082658	chr14	65605201	65609368	+	0.032174
Ints9	MmuINT0082659	chr14	65609432	65611810	+	0.01871
Ints9	MmuINT0082660	chr14	65611951	65613818	+	0.021006
Ints9	MmuINT0082661	chr14	65613906	65626082	+	0.019735
Ints9	MmuINT0082662	chr14	65626204	65626827	+	0.025961
Ints9	MmuINT0082663	chr14	65626963	65635366	+	0.021748
Ints9	MmuINT0082664	chr14	65635479	65639152	+	0.021993

Intu	MmuINT0082665	chr3	40439932	40457627	+	0.020635
Intu	MmuINT0082666	chr3	40494681	40495636	+	0.013038
Intu	MmuINT0082667	chr3	40495859	40496420	+	0.010184
Intu	MmuINT0082668	chr3	40496892	40498082	+	0.017991
Intu	MmuINT0082669	chr3	40498181	40501405	+	0.046503
Intu	MmuINT0082670	chr3	40501596	40503560	+	0.025682
Intu	MmuINT0082671	chr3	40503719	40505123	+	0.042471
Intu	MmuINT0082672	chr3	40458176	40468181	+	0.109812
Intu	MmuINT0082673	chr3	40468268	40476492	+	0.049745
Intu	MmuINT0082674	chr3	40476697	40479147	+	0.015338
Intu	MmuINT0082675	chr3	40479267	40482804	+	0.026825
Intu	MmuINT0082676	chr3	40482895	40483453	+	0.024064
Intu	MmuINT0082677	chr3	40483532	40487278	+	0.029899
Intu	MmuINT0082678	chr3	40487469	40491697	+	0.011122
Intu	MmuINT0082679	chr3	40491752	40494617	+	0.036203
lp6k1	MmuINT0082696	chr9	1.08E+08	1.08E+08	+	0.011096
lp6k1	MmuINT0082697	chr9	1.08E+08	1.08E+08	+	0.014194
lp6k1	MmuINT0082698	chr9	1.08E+08	1.08E+08	+	0.034876
lp6k1	MmuINT0082699	chr9	1.08E+08	1.08E+08	+	0.014202
lp6k1	MmuINT0082700	chr9	1.08E+08	1.08E+08	+	0.347492
lp6k2	MmuINT0082701	chr9	1.09E+08	1.09E+08	+	0.895541
lp6k2	MmuINT0082702	chr9	1.09E+08	1.09E+08	+	0.875318
lp6k2	MmuINT0082703	chr9	1.09E+08	1.09E+08	+	0.053523
lp6k2	MmuINT0082704	chr9	1.09E+08	1.09E+08	+	0.081
lp6k2	MmuINT0082705	chr9	1.09E+08	1.09E+08	+	0.059242
lp6k3	MmuINT0082706	chr17	27294759	27304584	-	0.021204
lp6k3	MmuINT0082707	chr17	27288189	27294481	-	0.011098
lp6k3	MmuINT0082708	chr17	27287042	27287989	-	0.010803
lp6k3	MmuINT0082709	chr17	27285592	27286865	-	0.012995
lp6k3	MmuINT0082710	chr17	27282268	27285415	-	0.08074
lpmk	MmuINT0082719	chr10	70810839	70826197	+	0.028111
lpmk	MmuINT0082720	chr10	70826284	70828756	+	0.031187
lpmk	MmuINT0082721	chr10	70828854	70835455	+	0.141508
lpmk	MmuINT0082722	chr10	70835629	70839452	+	0.051725
lpmk	MmuINT0082723	chr10	70839535	70843952	+	0.030027
lpo11	MmuINT0082724	chr13	1.08E+08	1.08E+08	-	0.017298
lpo11	MmuINT0082725	chr13	1.08E+08	1.08E+08	-	0.017168
lpo11	MmuINT0082726	chr13	1.08E+08	1.08E+08	-	0.025221
lpo11	MmuINT0082727	chr13	1.08E+08	1.08E+08	-	0.029253
lpo11	MmuINT0082728	chr13	1.08E+08	1.08E+08	-	0.033905
lpo11	MmuINT0082729	chr13	1.08E+08	1.08E+08	-	0.0241
lpo11	MmuINT0082730	chr13	1.08E+08	1.08E+08	-	0.02177
lpo11	MmuINT0082731	chr13	1.08E+08	1.08E+08	-	0.020616
lpo11	MmuINT0082732	chr13	1.08E+08	1.08E+08	-	0.025428
lpo11	MmuINT0082733	chr13	1.08E+08	1.08E+08	-	0.028118
lpo11	MmuINT0082734	chr13	1.08E+08	1.08E+08	-	0.019329
lpo11	MmuINT0082735	chr13	1.08E+08	1.08E+08	-	0.021576
lpo11	MmuINT0082736	chr13	1.08E+08	1.08E+08	-	0.016846
lpo11	MmuINT0082737	chr13	1.08E+08	1.08E+08	-	0.028246
lpo11	MmuINT0082738	chr13	1.08E+08	1.08E+08	-	0.030748

lpo11	MmuINT0082739	chr13	1.08E+08	1.08E+08	-	0.015161
lpo11	MmuINT0082740	chr13	1.08E+08	1.08E+08	-	0.014096
lpo11	MmuINT0082741	chr13	1.08E+08	1.08E+08	-	0.010686
lpo11	MmuINT0082742	chr13	1.08E+08	1.08E+08	-	0.013586
lpo11	MmuINT0082743	chr13	1.08E+08	1.08E+08	-	0.013751
lpo11	MmuINT0082744	chr13	1.08E+08	1.08E+08	-	0.009064
lpo11	MmuINT0082745	chr13	1.08E+08	1.08E+08	-	0.008601
lpo11	MmuINT0082746	chr13	1.08E+08	1.08E+08	-	0.024967
lpo11	MmuINT0082748	chr13	1.08E+08	1.08E+08	-	0.013913
lpo11	MmuINT0082749	chr13	1.08E+08	1.08E+08	-	0.020453
lpo11	MmuINT0082750	chr13	1.08E+08	1.08E+08	-	0.02881
lpo11	MmuINT0082751	chr13	1.08E+08	1.08E+08	-	0.02671
lpo11	MmuINT0082752	chr13	1.08E+08	1.08E+08	-	0.020288
lpo13	MmuINT0082753	chr4	1.18E+08	1.18E+08	-	0.119578
lpo13	MmuINT0082754	chr4	1.18E+08	1.18E+08	-	0.008617
lpo13	MmuINT0082755	chr4	1.18E+08	1.18E+08	-	0.009557
lpo13	MmuINT0082756	chr4	1.18E+08	1.18E+08	-	0.005536
lpo13	MmuINT0082757	chr4	1.18E+08	1.18E+08	-	0.003469
lpo13	MmuINT0082758	chr4	1.18E+08	1.18E+08	-	0.017963
lpo13	MmuINT0082759	chr4	1.18E+08	1.18E+08	-	0.079009
lpo13	MmuINT0082760	chr4	1.18E+08	1.18E+08	-	0.021028
lpo13	MmuINT0082761	chr4	1.18E+08	1.18E+08	-	0.027537
lpo13	MmuINT0082762	chr4	1.18E+08	1.18E+08	-	0.051046
lpo13	MmuINT0082763	chr4	1.18E+08	1.18E+08	-	0.009707
lpo13	MmuINT0082764	chr4	1.18E+08	1.18E+08	-	0.006304
lpo13	MmuINT0082765	chr4	1.18E+08	1.18E+08	-	0.003835
lpo13	MmuINT0082766	chr4	1.18E+08	1.18E+08	-	0.004657
lpo13	MmuINT0082767	chr4	1.18E+08	1.18E+08	-	0.003633
lpo13	MmuINT0082768	chr4	1.18E+08	1.18E+08	-	0.004463
lpo13	MmuINT0082769	chr4	1.18E+08	1.18E+08	-	0.004934
lpo13	MmuINT0082770	chr4	1.18E+08	1.18E+08	-	0.007456
lpo13	MmuINT0082771	chr4	1.18E+08	1.18E+08	-	0.004435
lpo4	MmuINT0082772	chr14	56254287	56254366	-	0.014597
lpo4	MmuINT0082774	chr14	56250980	56251136	-	0.01409
lpo4	MmuINT0082775	chr14	56250378	56250869	-	0.008273
lpo4	MmuINT0082776	chr14	56250109	56250268	-	0.00496
lpo4	MmuINT0082777	chr14	56249768	56249978	-	0.008097
lpo4	MmuINT0082778	chr14	56249549	56249653	-	0.007607
lpo4	MmuINT0082779	chr14	56249253	56249434	-	0.023325
lpo4	MmuINT0082780	chr14	56248927	56249131	-	0.031654
lpo4	MmuINT0082781	chr14	56248705	56248814	-	0.013082
lpo4	MmuINT0082782	chr14	56248309	56248585	-	0.020804
lpo4	MmuINT0082783	chr14	56254049	56254199	-	0.016887
lpo4	MmuINT0082784	chr14	56248155	56248230	-	0.033004
lpo4	MmuINT0082785	chr14	56248013	56248096	-	0.011374
lpo4	MmuINT0082786	chr14	56247825	56247903	-	0.033995
lpo4	MmuINT0082787	chr14	56247477	56247630	-	0.026563
lpo4	MmuINT0082788	chr14	56247069	56247428	-	0.021827
lpo4	MmuINT0082789	chr14	56246831	56246942	-	0.016609
lpo4	MmuINT0082790	chr14	56246505	56246621	-	0.042542

lpo4	MmuINT0082791	chr14	56246282	56246371	-	0.037805
lpo4	MmuINT0082792	chr14	56245061	56246176	-	0.116426
lpo4	MmuINT0082793	chr14	56244879	56244990	-	0.006079
lpo4	MmuINT0082794	chr14	56253884	56253968	-	0.011983
lpo4	MmuINT0082795	chr14	56253247	56253841	-	0.009688
lpo4	MmuINT0082796	chr14	56253032	56253116	-	0.008833
lpo4	MmuINT0082797	chr14	56252615	56252851	-	0.007694
lpo4	MmuINT0082798	chr14	56252444	56252548	-	0.01088
lpo4	MmuINT0082799	chr14	56252255	56252341	-	0.009999
lpo4	MmuINT0082800	chr14	56251963	56252170	-	0.007061
lpo5	MmuINT0082801	chr14	1.21E+08	1.21E+08	+	0.002748
lpo5	MmuINT0082802	chr14	1.21E+08	1.21E+08	+	0.010212
lpo5	MmuINT0082803	chr14	1.21E+08	1.21E+08	+	0.001445
lpo5	MmuINT0082805	chr14	1.21E+08	1.21E+08	+	0.001902
lpo5	MmuINT0082806	chr14	1.21E+08	1.21E+08	+	0.001046
lpo5	MmuINT0082807	chr14	1.21E+08	1.21E+08	+	0.001393
lpo5	MmuINT0082808	chr14	1.21E+08	1.21E+08	+	0.001759
lpo5	MmuINT0082809	chr14	1.21E+08	1.21E+08	+	0.001051
lpo5	MmuINT0082810	chr14	1.21E+08	1.21E+08	+	0.001683
lpo5	MmuINT0082811	chr14	1.21E+08	1.21E+08	+	0.001311
lpo5	MmuINT0082812	chr14	1.21E+08	1.21E+08	+	0.002425
lpo5	MmuINT0082813	chr14	1.21E+08	1.21E+08	+	0.000654
lpo5	MmuINT0082814	chr14	1.21E+08	1.21E+08	+	0.001058
lpo5	MmuINT0082815	chr14	1.21E+08	1.21E+08	+	0.00035
lpo5	MmuINT0082816	chr14	1.21E+08	1.21E+08	+	0.001094
lpo5	MmuINT0082817	chr14	1.21E+08	1.21E+08	+	0.001184
lpo5	MmuINT0082819	chr14	1.21E+08	1.21E+08	+	0.000399
lpo5	MmuINT0082820	chr14	1.21E+08	1.21E+08	+	0.002363
lpo5	MmuINT0082821	chr14	1.21E+08	1.21E+08	+	0.00703
lpo5	MmuINT0082822	chr14	1.21E+08	1.21E+08	+	0.001114
lpo5	MmuINT0082823	chr14	1.21E+08	1.21E+08	+	0.002664
lpo5	MmuINT0082824	chr14	1.21E+08	1.21E+08	+	0.00174
lpo5	MmuINT0082825	chr14	1.21E+08	1.21E+08	+	0.003237
lpo7	MmuINT0082826	chr7	1.17E+08	1.17E+08	+	0.007322
lpo7	MmuINT0082827	chr7	1.17E+08	1.17E+08	+	0.006674
lpo7	MmuINT0082828	chr7	1.17E+08	1.17E+08	+	0.003242
lpo7	MmuINT0082829	chr7	1.17E+08	1.17E+08	+	0.013787
lpo7	MmuINT0082830	chr7	1.17E+08	1.17E+08	+	0.009208
lpo7	MmuINT0082831	chr7	1.17E+08	1.17E+08	+	0.003735
lpo7	MmuINT0082832	chr7	1.17E+08	1.17E+08	+	0.001978
lpo7	MmuINT0082833	chr7	1.17E+08	1.17E+08	+	0.007303
lpo7	MmuINT0082834	chr7	1.17E+08	1.17E+08	+	0.00298
lpo7	MmuINT0082835	chr7	1.17E+08	1.17E+08	+	0.004306
lpo7	MmuINT0082836	chr7	1.17E+08	1.17E+08	+	0.005013
lpo7	MmuINT0082837	chr7	1.17E+08	1.17E+08	+	0.004442
lpo7	MmuINT0082838	chr7	1.17E+08	1.17E+08	+	0.005222
lpo7	MmuINT0082839	chr7	1.17E+08	1.17E+08	+	0.00674
lpo7	MmuINT0082840	chr7	1.17E+08	1.17E+08	+	0.006558
lpo7	MmuINT0082841	chr7	1.17E+08	1.17E+08	+	0.000269
lpo7	MmuINT0082842	chr7	1.17E+08	1.17E+08	+	0.001673



lpo7	MmuINT0082843	chr7	1.17E+08	1.17E+08	+	0.002059
lpo7	MmuINT0082844	chr7	1.17E+08	1.17E+08	+	0.002054
lpo7	MmuINT0082845	chr7	1.17E+08	1.17E+08	+	0.004066
lpo7	MmuINT0082846	chr7	1.17E+08	1.17E+08	+	0.004012
lpo7	MmuINT0082847	chr7	1.17E+08	1.17E+08	+	0.004045
lpo7	MmuINT0082848	chr7	1.17E+08	1.17E+08	+	0.002596
lpo7	MmuINT0082849	chr7	1.17E+08	1.17E+08	+	0.004854
lpo8	MmuINT0082850	chr6	1.49E+08	1.49E+08	-	0.02167
lpo8	MmuINT0082851	chr6	1.49E+08	1.49E+08	-	0.022435
lpo8	MmuINT0082852	chr6	1.49E+08	1.49E+08	-	0.019531
lpo8	MmuINT0082853	chr6	1.49E+08	1.49E+08	-	0.023739
lpo8	MmuINT0082854	chr6	1.49E+08	1.49E+08	-	0.030419
lpo8	MmuINT0082855	chr6	1.49E+08	1.49E+08	-	0.019659
lpo8	MmuINT0082856	chr6	1.49E+08	1.49E+08	-	0.029445
lpo8	MmuINT0082857	chr6	1.49E+08	1.49E+08	-	0.019279
lpo8	MmuINT0082858	chr6	1.49E+08	1.49E+08	-	0.028285
lpo8	MmuINT0082859	chr6	1.49E+08	1.49E+08	-	0.037411
lpo8	MmuINT0082860	chr6	1.49E+08	1.49E+08	-	0.015948
lpo8	MmuINT0082861	chr6	1.49E+08	1.49E+08	-	0.019818
lpo8	MmuINT0082862	chr6	1.49E+08	1.49E+08	-	0.01458
lpo8	MmuINT0082863	chr6	1.49E+08	1.49E+08	-	0.0148
lpo8	MmuINT0082864	chr6	1.49E+08	1.49E+08	-	0.013668
lpo8	MmuINT0082865	chr6	1.49E+08	1.49E+08	-	0.015462
lpo8	MmuINT0082866	chr6	1.49E+08	1.49E+08	-	0.029269
lpo8	MmuINT0082867	chr6	1.49E+08	1.49E+08	-	0.019596
lpo8	MmuINT0082868	chr6	1.49E+08	1.49E+08	-	0.018278
lpo8	MmuINT0082869	chr6	1.49E+08	1.49E+08	-	0.016465
lpo8	MmuINT0082870	chr6	1.49E+08	1.49E+08	-	0.023767
lpo8	MmuINT0082871	chr6	1.49E+08	1.49E+08	-	0.022873
lpo8	MmuINT0082872	chr6	1.49E+08	1.49E+08	-	0.023907
lpo8	MmuINT0082873	chr6	1.49E+08	1.49E+08	-	0.015539
lpo9	MmuINT0082874	chr1	1.37E+08	1.37E+08	-	0.039747
lpo9	MmuINT0082875	chr1	1.37E+08	1.37E+08	-	0.011655
lpo9	MmuINT0082876	chr1	1.37E+08	1.37E+08	-	0.023006
lpo9	MmuINT0082877	chr1	1.37E+08	1.37E+08	-	0.019967
lpo9	MmuINT0082878	chr1	1.37E+08	1.37E+08	-	0.011066
lpo9	MmuINT0082879	chr1	1.37E+08	1.37E+08	-	0.008119
lpo9	MmuINT0082880	chr1	1.37E+08	1.37E+08	-	0.054563
lpo9	MmuINT0082881	chr1	1.37E+08	1.37E+08	-	0.020544
lpo9	MmuINT0082882	chr1	1.37E+08	1.37E+08	-	0.084381
lpo9	MmuINT0082883	chr1	1.37E+08	1.37E+08	-	0.016356
lpo9	MmuINT0082884	chr1	1.37E+08	1.37E+08	-	0.008498
lpo9	MmuINT0082885	chr1	1.37E+08	1.37E+08	-	0.017885
lpo9	MmuINT0082886	chr1	1.37E+08	1.37E+08	-	0.010284
lpo9	MmuINT0082887	chr1	1.37E+08	1.37E+08	-	0.211428
lpo9	MmuINT0082888	chr1	1.37E+08	1.37E+08	-	0.051733
lpo9	MmuINT0082889	chr1	1.37E+08	1.37E+08	-	0.031222
lpo9	MmuINT0082890	chr1	1.37E+08	1.37E+08	-	0.016157
lpo9	MmuINT0082891	chr1	1.37E+08	1.37E+08	-	0.012697
lpo9	MmuINT0082892	chr1	1.37E+08	1.37E+08	-	0.013383

lpo9	MmuINT0082893	chr1	1.37E+08	1.37E+08	-	0.016056
lpo9	MmuINT0082894	chr1	1.37E+08	1.37E+08	-	0.014003
lpo9	MmuINT0082895	chr1	1.37E+08	1.37E+08	-	0.015189
lpo9	MmuINT0082896	chr1	1.37E+08	1.37E+08	-	0.02488
lpp	MmuINT0082897	chr4	1.16E+08	1.16E+08	+	0.034813
lpp	MmuINT0082898	chr4	1.16E+08	1.16E+08	+	0.022036
lpp	MmuINT0082899	chr4	1.16E+08	1.16E+08	+	0.024913
lpp	MmuINT0082900	chr4	1.16E+08	1.16E+08	+	0.013298
lpp	MmuINT0082901	chr4	1.16E+08	1.16E+08	+	0.012304
lpp	MmuINT0082902	chr4	1.16E+08	1.16E+08	+	0.034521
lpp	MmuINT0082903	chr4	1.16E+08	1.16E+08	+	0.016109
lpp	MmuINT0082904	chr4	1.16E+08	1.16E+08	+	0.020231
lppk	MmuINT0082905	chr13	49516836	49526237	+	0.051051
lppk	MmuINT0082906	chr13	49544757	49545349	+	0.049807
lppk	MmuINT0082907	chr13	49545453	49553981	+	0.039524
lppk	MmuINT0082908	chr13	49554062	49556902	+	0.047669
lppk	MmuINT0082909	chr13	49526286	49527738	+	0.056301
lppk	MmuINT0082910	chr13	49527835	49529197	+	0.048337
lppk	MmuINT0082911	chr13	49529265	49530838	+	0.037312
lppk	MmuINT0082912	chr13	49530961	49532079	+	0.058196
lppk	MmuINT0082913	chr13	49532170	49537321	+	0.050828
lppk	MmuINT0082914	chr13	49537381	49538790	+	0.03108
lppk	MmuINT0082915	chr13	49538864	49541671	+	0.036967
lppk	MmuINT0082916	chr13	49541946	49544605	+	0.032422
lqcb1	MmuINT0082940	chr16	36828579	36829089	+	0.066934
lqcb1	MmuINT0082941	chr16	36851381	36856376	+	0.020355
lqcb1	MmuINT0082942	chr16	36856520	36858540	+	0.013481
lqcb1	MmuINT0082944	chr16	36867777	36871536	+	0.058059
lqcb1	MmuINT0082945	chr16	36871694	36872277	+	0.144859
lqcb1	MmuINT0082946	chr16	36829160	36831587	+	0.0795
lqcb1	MmuINT0082947	chr16	36831701	36831914	+	0.021909
lqcb1	MmuINT0082948	chr16	36832078	36835601	+	0.01303
lqcb1	MmuINT0082949	chr16	36835732	36839955	+	0.029773
lqcb1	MmuINT0082950	chr16	36840050	36843444	+	0.023063
lqcb1	MmuINT0082951	chr16	36843545	36847566	+	0.01541
lqcb1	MmuINT0082952	chr16	36847746	36849712	+	0.01724
lqcb1	MmuINT0082953	chr16	36849823	36851270	+	0.017464
lqcc	MmuINT0082954	chr4	1.29E+08	1.29E+08	-	0.12286
lqcc	MmuINT0082955	chr4	1.29E+08	1.29E+08	-	0.21053
lqcc	MmuINT0082956	chr4	1.29E+08	1.29E+08	-	0.025652
lqcc	MmuINT0082957	chr4	1.29E+08	1.29E+08	-	0.11715
lqcd	MmuINT0082959	chr5	1.21E+08	1.21E+08	+	0.893549
lqce	MmuINT0082971	chr5	1.41E+08	1.41E+08	-	0.048547
lqce	MmuINT0082972	chr5	1.41E+08	1.41E+08	-	0.047472
lqgap1	MmuINT0083045	chr7	87944836	87948026	-	0.017811
lqgap1	MmuINT0083046	chr7	87901151	87902289	-	0.026447
lqgap1	MmuINT0083047	chr7	87897240	87901065	-	0.041957
lqgap1	MmuINT0083048	chr7	87896916	87897075	-	0.021374
lqgap1	MmuINT0083049	chr7	87896337	87896754	-	0.035445
lqgap1	MmuINT0083050	chr7	87893874	87896211	-	0.02479

lqgap1	MmuINT0083051	chr7	87889095	87893709	-	0.02142
lqgap1	MmuINT0083052	chr7	87888847	87889003	-	0.020488
lqgap1	MmuINT0083053	chr7	87888065	87888678	-	0.019486
lqgap1	MmuINT0083054	chr7	87884847	87887921	-	0.017217
lqgap1	MmuINT0083055	chr7	87883965	87884675	-	0.017619
lqgap1	MmuINT0083056	chr7	87913352	87944735	-	0.022323
lqgap1	MmuINT0083057	chr7	87883791	87883880	-	0.022649
lqgap1	MmuINT0083058	chr7	87883629	87883718	-	0.033045
lqgap1	MmuINT0083059	chr7	87883209	87883558	-	0.211259
lqgap1	MmuINT0083060	chr7	87881304	87882999	-	0.019096
lqgap1	MmuINT0083061	chr7	87880524	87881147	-	0.024264
lqgap1	MmuINT0083062	chr7	87879097	87880359	-	0.056121
lqgap1	MmuINT0083063	chr7	87875269	87878871	-	0.033045
lqgap1	MmuINT0083064	chr7	87875040	87875127	-	0.019982
lqgap1	MmuINT0083065	chr7	87873968	87874954	-	0.039534
lqgap1	MmuINT0083066	chr7	87872972	87873734	-	0.013463
lqgap1	MmuINT0083067	chr7	87911849	87913194	-	0.031084
lqgap1	MmuINT0083068	chr7	87871728	87872838	-	0.017084
lqgap1	MmuINT0083069	chr7	87870988	87871624	-	0.015014
lqgap1	MmuINT0083070	chr7	87870561	87870851	-	0.076282
lqgap1	MmuINT0083071	chr7	87868878	87870472	-	0.01575
lqgap1	MmuINT0083072	chr7	87868015	87868664	-	0.009985
lqgap1	MmuINT0083073	chr7	87865878	87867847	-	0.020762
lqgap1	MmuINT0083074	chr7	87862006	87865754	-	0.107195
lqgap1	MmuINT0083075	chr7	87858832	87861896	-	0.05263
lqgap1	MmuINT0083076	chr7	87910258	87911770	-	0.037802
lqgap1	MmuINT0083077	chr7	87907452	87910180	-	0.032494
lqgap1	MmuINT0083078	chr7	87905815	87907383	-	0.032098
lqgap1	MmuINT0083079	chr7	87904823	87905700	-	0.042086
lqgap1	MmuINT0083080	chr7	87903145	87904643	-	0.024261
lqgap1	MmuINT0083081	chr7	87902454	87903059	-	0.026483
lqgap2	MmuINT0083107	chr13	96402140	96405418	-	0.10031
lqsec1	MmuINT0083156	chr6	90618797	90619279	-	0.003574
lqsec1	MmuINT0083157	chr6	90618071	90618634	-	0.003786
lqsec1	MmuINT0083158	chr6	90614066	90617893	-	0.133065
lqsec1	MmuINT0083159	chr6	90612950	90614015	-	0.09305
lqsec1	MmuINT0083160	chr6	90640821	90644552	-	0.003037
lqsec1	MmuINT0083161	chr6	90630647	90639573	-	0.004189
lqsec1	MmuINT0083162	chr6	90628141	90630484	-	0.004266
lqsec1	MmuINT0083163	chr6	90626909	90628017	-	0.015886
lqsec1	MmuINT0083164	chr6	90622114	90626741	-	0.005995
lqsec1	MmuINT0083165	chr6	90621626	90621973	-	0.003062
lqsec1	MmuINT0083166	chr6	90620529	90621595	-	0.004983
lqsec1	MmuINT0083167	chr6	90619380	90620402	-	0.004167
lqsec2	MmuINT0083168	chrX	1.49E+08	1.49E+08	+	0.007638
lqsec2	MmuINT0083172	chrX	1.49E+08	1.49E+08	+	0.010265
lqsec2	MmuINT0083173	chrX	1.49E+08	1.49E+08	+	0.014565
lqsec2	MmuINT0083174	chrX	1.49E+08	1.49E+08	+	0.020758
lqsec2	MmuINT0083175	chrX	1.49E+08	1.49E+08	+	0.088265
lqsec2	MmuINT0083178	chrX	1.49E+08	1.49E+08	+	0.017201

lqsec2	MmuINT0083179	chrX	1.49E+08	1.49E+08	+	0.019164
lqsec2	MmuINT0083180	chrX	1.49E+08	1.49E+08	+	0.038568
lqsec2	MmuINT0083181	chrX	1.49E+08	1.49E+08	+	0.08918
lqsec2	MmuINT0083182	chrX	1.49E+08	1.49E+08	+	0.011439
lqsec2	MmuINT0083183	chrX	1.49E+08	1.49E+08	+	0.010207
lqsec2	MmuINT0083184	chrX	1.49E+08	1.49E+08	+	0.029652
lrak1	MmuINT0083214	chrX	71263706	71265238	-	0.005792
lrak1	MmuINT0083215	chrX	71262851	71263468	-	0.048628
lrak1	MmuINT0083216	chrX	71262037	71262468	-	0.003417
lrak1	MmuINT0083217	chrX	71268537	71268704	-	0.012742
lrak1	MmuINT0083218	chrX	71268292	71268404	-	0.051285
lrak1	MmuINT0083219	chrX	71267589	71267811	-	0.126715
lrak1	MmuINT0083220	chrX	71267303	71267523	-	0.032864
lrak1	MmuINT0083221	chrX	71266401	71267187	-	0.008494
lrak1	MmuINT0083222	chrX	71265875	71266281	-	0.006911
lrak1	MmuINT0083223	chrX	71265305	71265666	-	0.017162
lrak1bp1	MmuINT0083225	chr9	82723947	82731024	+	0.026198
lrak1bp1	MmuINT0083227	chr9	82740037	82740133	+	0.02227
lrak2	MmuINT0083229	chr6	1.14E+08	1.14E+08	+	0.03398
lrak2	MmuINT0083230	chr6	1.14E+08	1.14E+08	+	0.002809
lrak2	MmuINT0083231	chr6	1.14E+08	1.14E+08	+	0.0988
lrak2	MmuINT0083233	chr6	1.14E+08	1.14E+08	+	0.038515
lrak2	MmuINT0083234	chr6	1.14E+08	1.14E+08	+	0.149376
lrak2	MmuINT0083235	chr6	1.14E+08	1.14E+08	+	0.023837
lrak2	MmuINT0083236	chr6	1.14E+08	1.14E+08	+	0.047508
lrak2	MmuINT0083237	chr6	1.14E+08	1.14E+08	+	0.153322
lrak2	MmuINT0083240	chr6	1.14E+08	1.14E+08	+	0.025677
lrak3	MmuINT0083243	chr10	1.2E+08	1.2E+08	-	0.075711
lrak3	MmuINT0083249	chr10	1.2E+08	1.2E+08	-	0.061485
lrak3	MmuINT0083250	chr10	1.2E+08	1.2E+08	-	0.114194
lrak4	MmuINT0083252	chr15	94374258	94378266	+	0.056031
lrak4	MmuINT0083253	chr15	94393512	94397169	+	0.053707
lrak4	MmuINT0083254	chr15	94397329	94397444	+	0.084013
lrak4	MmuINT0083255	chr15	94378435	94382233	+	0.066656
lrak4	MmuINT0083256	chr15	94382380	94384265	+	0.055853
lrak4	MmuINT0083257	chr15	94384449	94385116	+	0.057568
lrak4	MmuINT0083258	chr15	94385278	94387057	+	0.094161
lrak4	MmuINT0083260	chr15	94388796	94389199	+	0.063053
lrak4	MmuINT0083261	chr15	94389310	94391876	+	0.054133
lrak4	MmuINT0083262	chr15	94392061	94393448	+	0.100878
lreb2	MmuINT0083263	chr9	54711704	54713113	+	0.028732
lreb2	MmuINT0083264	chr9	54740380	54743185	+	0.012982
lreb2	MmuINT0083265	chr9	54743303	54744246	+	0.011077
lreb2	MmuINT0083266	chr9	54744407	54745293	+	0.009763
lreb2	MmuINT0083267	chr9	54745430	54747194	+	0.011041
lreb2	MmuINT0083268	chr9	54747280	54747756	+	0.029659
lreb2	MmuINT0083269	chr9	54747914	54748254	+	0.008117
lreb2	MmuINT0083270	chr9	54748380	54751697	+	0.049812
lreb2	MmuINT0083271	chr9	54751803	54751901	+	0.012471
lreb2	MmuINT0083272	chr9	54752045	54754375	+	0.025817

lreb2	MmuINT0083273	chr9	54754524	54754607	+	0.009341
lreb2	MmuINT0083274	chr9	54713204	54729159	+	0.013706
lreb2	MmuINT0083275	chr9	54754731	54756548	+	0.017518
lreb2	MmuINT0083276	chr9	54756735	54757437	+	0.015952
lreb2	MmuINT0083277	chr9	54729326	54730125	+	0.011488
lreb2	MmuINT0083278	chr9	54730264	54731703	+	0.089466
lreb2	MmuINT0083279	chr9	54731923	54733681	+	0.044648
lreb2	MmuINT0083280	chr9	54733752	54734296	+	0.01052
lreb2	MmuINT0083281	chr9	54734481	54735074	+	0.014001
lreb2	MmuINT0083282	chr9	54735215	54738809	+	0.01193
lreb2	MmuINT0083283	chr9	54738982	54740281	+	0.01045
lrf1	MmuINT0083284	chr11	53583781	53584785	+	0.087241
lrf1	MmuINT0083285	chr11	53584878	53586340	+	0.044499
lrf1	MmuINT0083286	chr11	53586441	53587157	+	0.051291
lrf1	MmuINT0083287	chr11	53587335	53587427	+	0.042858
lrf1	MmuINT0083288	chr11	53587478	53587563	+	0.025442
lrf1	MmuINT0083289	chr11	53587697	53587847	+	0.019127
lrf1	MmuINT0083290	chr11	53587971	53588555	+	0.056094
lrf1	MmuINT0083291	chr11	53588606	53589419	+	0.051296
lrf2	MmuINT0083295	chr8	47825291	47878846	+	0.022101
lrf2	MmuINT0083296	chr8	47878940	47891824	+	0.017685
lrf2	MmuINT0083297	chr8	47891925	47892575	+	0.014873
lrf2	MmuINT0083298	chr8	47892753	47893058	+	0.012594
lrf2	MmuINT0083299	chr8	47893106	47904144	+	0.018189
lrf2	MmuINT0083300	chr8	47904263	47923027	+	0.020573
lrf2	MmuINT0083301	chr8	47923193	47930174	+	0.012597
lrf2	MmuINT0083302	chr8	47930222	47931267	+	0.011794
lrf2bp2	MmuINT0083303	chr8	1.29E+08	1.29E+08	-	0.058978
lrf3	MmuINT0083304	chr7	52253279	52254074	+	0.223866
lrf3	MmuINT0083305	chr7	52254248	52255261	+	0.020137
lrf3	MmuINT0083306	chr7	52255434	52255523	+	0.140561
lrf3	MmuINT0083307	chr7	52255595	52255741	+	0.134681
lrf3	MmuINT0083308	chr7	52255917	52256014	+	0.389303
lrf3	MmuINT0083309	chr7	52256393	52257042	+	0.299708
lrf3	MmuINT0083310	chr7	52257159	52257533	+	0.057834
lrf5	MmuINT0083319	chr6	29476775	29481125	+	0.062297
lrf5	MmuINT0083320	chr6	29481332	29483951	+	0.10162
lrf5	MmuINT0083321	chr6	29484142	29484534	+	0.130312
lrf5	MmuINT0083323	chr6	29485075	29485252	+	0.049557
lrf5	MmuINT0083324	chr6	29485511	29485724	+	0.132102
lrf5	MmuINT0083325	chr6	29486118	29486203	+	0.058645
lrf5	MmuINT0083326	chr6	29486323	29486539	+	0.066884
lrf7	MmuINT0083334	chr7	1.48E+08	1.48E+08	-	0.016804
lrf7	MmuINT0083335	chr7	1.48E+08	1.48E+08	-	0.013599
lrf7	MmuINT0083336	chr7	1.48E+08	1.48E+08	-	0.023819
lrf7	MmuINT0083337	chr7	1.48E+08	1.48E+08	-	0.133751
lrf7	MmuINT0083338	chr7	1.48E+08	1.48E+08	-	0.330118
lrf7	MmuINT0083339	chr7	1.48E+08	1.48E+08	-	0.095094
lrf7	MmuINT0083340	chr7	1.48E+08	1.48E+08	-	0.065084
lrf7	MmuINT0083341	chr7	1.48E+08	1.48E+08	-	0.014503

lrf7	MmuINT0083342	chr7	1.48E+08	1.48E+08	-	0.014733
lrf8	MmuINT0083344	chr8	1.23E+08	1.23E+08	+	0.090225
lrf8	MmuINT0083345	chr8	1.23E+08	1.23E+08	+	0.092958
lrf8	MmuINT0083348	chr8	1.23E+08	1.23E+08	+	0.153684
lrf8	MmuINT0083349	chr8	1.23E+08	1.23E+08	+	0.060536
lrf8	MmuINT0083350	chr8	1.23E+08	1.23E+08	+	0.119346
lrf9	MmuINT0083355	chr14	56224742	56224929	+	0.029497
lrf9	MmuINT0083356	chr14	56225004	56225154	+	0.025362
lrf9	MmuINT0083357	chr14	56225276	56225373	+	0.061935
lrf9	MmuINT0083358	chr14	56225446	56226350	+	0.133966
lrf9	MmuINT0083359	chr14	56226693	56227521	+	0.057355
lrf9	MmuINT0083360	chr14	56227638	56227757	+	0.018667
lrgm1	MmuINT0083368	chr11	48682283	48684595	-	0.366601
lrgm1	MmuINT0083369	chr11	48680506	48682063	-	0.324101
lrgq	MmuINT0083371	chr7	25315924	25316402	+	0.028681
lrgq	MmuINT0083372	chr7	25316935	25318284	+	0.014307
lrs1	MmuINT0083373	chr1	82234180	82283351	-	0.026546
lrs2	MmuINT0083374	chr8	10987015	11004469	-	0.016273
lrx1	MmuINT0083377	chr13	72097734	72100660	-	0.030015
lrx1	MmuINT0083378	chr13	72096422	72096697	-	0.027226
lrx1	MmuINT0083379	chr13	72096122	72096348	-	0.042659
lrx2	MmuINT0083380	chr13	72766762	72768018	+	0.109076
lrx2	MmuINT0083381	chr13	72768425	72768704	+	0.030371
lrx2	MmuINT0083382	chr13	72769419	72770033	+	0.115559
lrx2	MmuINT0083383	chr13	72770110	72770711	+	0.040714
lrx3	MmuINT0083384	chr8	94324698	94324863	-	0.033613
lrx3	MmuINT0083385	chr8	94323377	94323571	-	0.016783
lrx3	MmuINT0083386	chr8	94322876	94323309	-	0.022878
lrx4	MmuINT0083388	chr13	73402428	73402905	+	0.008375
lrx4	MmuINT0083389	chr13	73403158	73404043	+	0.007902
lrx4	MmuINT0083390	chr13	73404157	73404951	+	0.060824
lrx4	MmuINT0083391	chr13	73405281	73405673	+	0.082673
lrx5	MmuINT0083392	chr8	94882329	94883435	+	0.018032
lrx5	MmuINT0083393	chr8	94883842	94883992	+	0.021889
lsca2	MmuINT0083402	chr12	86114322	86114524	+	0.018401
lsca2	MmuINT0083403	chr12	86114628	86114742	+	0.085
lsca2	MmuINT0083404	chr12	86114859	86115492	+	0.150847
lsg15	MmuINT0083409	chr4	1.56E+08	1.56E+08	-	0.008916
lsg20	MmuINT0083410	chr7	86061620	86064931	+	0.159049
lsg20l2	MmuINT0083411	chr3	87734534	87735252	+	0.09926
lsg20l2	MmuINT0083412	chr3	87736198	87742495	+	0.009524
lsg20l2	MmuINT0083413	chr3	87742697	87743159	+	0.016217
lsoc1	MmuINT0083435	chr18	58819452	58830861	+	0.00422
lsoc1	MmuINT0083436	chr18	58830982	58831101	+	0.002596
lsoc1	MmuINT0083437	chr18	58831306	58832903	+	0.008031
lsoc1	MmuINT0083438	chr18	58833021	58837418	+	0.002976
lsoc2a	MmuINT0083439	chr7	4828796	4842785	+	0.002171
lsoc2a	MmuINT0083440	chr7	4842933	4843059	+	0.001682
lsoc2a	MmuINT0083441	chr7	4843270	4843432	+	0.004722
lsoc2a	MmuINT0083442	chr7	4843504	4843595	+	0.003538

Isoc2a	MmuINT0083443	chr7	4843714	4846918	+	0.029363
Isoc2b	MmuINT0083444	chr7	4803136	4817662	-	0.037669
Isoc2b	MmuINT0083445	chr7	4802836	4802994	-	0.042558
Isoc2b	MmuINT0083446	chr7	4802428	4802625	-	0.079598
Isoc2b	MmuINT0083447	chr7	4801170	4802356	-	0.022724
Isoc2b	MmuINT0083448	chr7	4796968	4801051	-	0.02746
Ispd	MmuINT0083449	chr12	37108612	37116932	+	0.122013
Ispd	MmuINT0083450	chr12	37117210	37152875	+	0.0451
Ispd	MmuINT0083451	chr12	37153026	37199688	+	0.038203
Ispd	MmuINT0083455	chr12	37248110	37248545	+	0.050912
Ispd	MmuINT0083456	chr12	37248639	37274415	+	0.041577
Ispd	MmuINT0083457	chr12	37274548	37414835	+	0.039473
Isy1	MmuINT0083461	chr6	87785745	87788637	-	0.013686
Isy1	MmuINT0083462	chr6	87769198	87769550	-	0.008933
Isy1	MmuINT0083463	chr6	87784989	87785721	-	0.014043
Isy1	MmuINT0083464	chr6	87784488	87784936	-	0.012612
Isy1	MmuINT0083465	chr6	87783679	87784421	-	0.021813
Isy1	MmuINT0083466	chr6	87777691	87783635	-	0.015334
Isy1	MmuINT0083467	chr6	87775483	87777577	-	0.035859
Isy1	MmuINT0083468	chr6	87772457	87775364	-	0.017032
Isy1	MmuINT0083469	chr6	87771624	87772333	-	0.008152
Isy1	MmuINT0083470	chr6	87769638	87771501	-	0.011924
Isyna1	MmuINT0083471	chr8	73118443	73118518	+	0.045071
Isyna1	MmuINT0083472	chr8	73120811	73120895	+	0.017727
Isyna1	MmuINT0083473	chr8	73118648	73118721	+	0.036816
Isyna1	MmuINT0083474	chr8	73118884	73119037	+	0.029042
Isyna1	MmuINT0083475	chr8	73119171	73119259	+	0.110646
Isyna1	MmuINT0083476	chr8	73119454	73119603	+	0.026843
Isyna1	MmuINT0083477	chr8	73119754	73119848	+	0.027652
Isyna1	MmuINT0083478	chr8	73120065	73120146	+	0.036287
Isyna1	MmuINT0083479	chr8	73120312	73120394	+	0.054638
Isyna1	MmuINT0083480	chr8	73120509	73120592	+	0.036789
Itch	MmuINT0083481	chr2	1.55E+08	1.55E+08	+	0.038901
Itch	MmuINT0083482	chr2	1.55E+08	1.55E+08	+	0.014615
Itch	MmuINT0083483	chr2	1.55E+08	1.55E+08	+	0.02343
Itch	MmuINT0083484	chr2	1.55E+08	1.55E+08	+	0.01574
Itch	MmuINT0083485	chr2	1.55E+08	1.55E+08	+	0.014509
Itch	MmuINT0083486	chr2	1.55E+08	1.55E+08	+	0.020161
Itch	MmuINT0083487	chr2	1.55E+08	1.55E+08	+	0.014917
Itch	MmuINT0083488	chr2	1.55E+08	1.55E+08	+	0.018601
Itch	MmuINT0083489	chr2	1.55E+08	1.55E+08	+	0.025569
Itch	MmuINT0083490	chr2	1.55E+08	1.55E+08	+	0.011813
Itch	MmuINT0083491	chr2	1.55E+08	1.55E+08	+	0.015993
Itch	MmuINT0083492	chr2	1.55E+08	1.55E+08	+	0.046979
Itch	MmuINT0083493	chr2	1.55E+08	1.55E+08	+	0.011031
Itch	MmuINT0083494	chr2	1.55E+08	1.55E+08	+	0.032373
Itch	MmuINT0083495	chr2	1.55E+08	1.55E+08	+	0.033778
Itch	MmuINT0083496	chr2	1.55E+08	1.55E+08	+	0.041227
Itch	MmuINT0083497	chr2	1.55E+08	1.55E+08	+	0.041099
Itch	MmuINT0083498	chr2	1.55E+08	1.55E+08	+	0.0162

ltch	MmuINT0083499	chr2	1.55E+08	1.55E+08	+	0.017477
ltch	MmuINT0083500	chr2	1.55E+08	1.55E+08	+	0.017463
ltch	MmuINT0083501	chr2	1.55E+08	1.55E+08	+	0.026908
ltch	MmuINT0083502	chr2	1.55E+08	1.55E+08	+	0.013936
ltch	MmuINT0083503	chr2	1.55E+08	1.55E+08	+	0.010324
ltch	MmuINT0083504	chr2	1.55E+08	1.55E+08	+	0.016504
ltfg1	MmuINT0083505	chr8	88362900	88364432	-	0.007115
ltfg1	MmuINT0083506	chr8	88264278	88288133	-	0.160995
ltfg1	MmuINT0083507	chr8	88262125	88264126	-	0.024283
ltfg1	MmuINT0083508	chr8	88260068	88262015	-	0.008114
ltfg1	MmuINT0083509	chr8	88256351	88260023	-	0.151632
ltfg1	MmuINT0083510	chr8	88250190	88256271	-	0.145031
ltfg1	MmuINT0083511	chr8	88249496	88250064	-	0.004063
ltfg1	MmuINT0083512	chr8	88246648	88249412	-	0.005139
ltfg1	MmuINT0083513	chr8	88242827	88246529	-	0.003459
ltfg1	MmuINT0083514	chr8	88360391	88362826	-	0.005288
ltfg1	MmuINT0083515	chr8	88358978	88360244	-	0.003645
ltfg1	MmuINT0083516	chr8	88355157	88358919	-	0.007296
ltfg1	MmuINT0083517	chr8	88334539	88355081	-	0.005611
ltfg1	MmuINT0083518	chr8	88304477	88334443	-	0.005809
ltfg1	MmuINT0083519	chr8	88300121	88304414	-	0.006619
ltfg1	MmuINT0083520	chr8	88290952	88300038	-	0.028119
ltfg1	MmuINT0083521	chr8	88288307	88290856	-	0.087345
ltfg2	MmuINT0083522	chr6	1.28E+08	1.28E+08	-	0.014658
ltfg2	MmuINT0083523	chr6	1.28E+08	1.28E+08	-	0.042298
ltfg2	MmuINT0083524	chr6	1.28E+08	1.28E+08	-	0.034735
ltfg2	MmuINT0083525	chr6	1.28E+08	1.28E+08	-	0.020604
ltfg2	MmuINT0083527	chr6	1.28E+08	1.28E+08	-	0.055464
ltfg2	MmuINT0083528	chr6	1.28E+08	1.28E+08	-	0.034638
ltfg2	MmuINT0083529	chr6	1.28E+08	1.28E+08	-	0.01941
ltfg2	MmuINT0083530	chr6	1.28E+08	1.28E+08	-	0.041366
ltfg2	MmuINT0083531	chr6	1.28E+08	1.28E+08	-	0.034708
ltfg2	MmuINT0083532	chr6	1.28E+08	1.28E+08	-	0.023755
ltfg3	MmuINT0083533	chr17	26357526	26380950	-	0.229052
ltfg3	MmuINT0083534	chr17	26350852	26351272	-	0.004522
ltfg3	MmuINT0083535	chr17	26350663	26350748	-	0.0167
ltfg3	MmuINT0083536	chr17	26355697	26357225	-	0.007557
ltfg3	MmuINT0083537	chr17	26355264	26355579	-	0.001945
ltfg3	MmuINT0083538	chr17	26354376	26355068	-	0.00172
ltfg3	MmuINT0083539	chr17	26353637	26354238	-	0.004169
ltfg3	MmuINT0083540	chr17	26353264	26353503	-	0.004129
ltfg3	MmuINT0083541	chr17	26352271	26353133	-	0.002392
ltfg3	MmuINT0083542	chr17	26351673	26352129	-	0.007075
ltfg3	MmuINT0083543	chr17	26351429	26351596	-	0.005684
ltga1	MmuINT0083544	chr13	1.16E+08	1.16E+08	-	0.033222
ltga1	MmuINT0083546	chr13	1.16E+08	1.16E+08	-	0.013737
ltga1	MmuINT0083547	chr13	1.16E+08	1.16E+08	-	0.017509
ltga1	MmuINT0083548	chr13	1.16E+08	1.16E+08	-	0.021236
ltga1	MmuINT0083549	chr13	1.16E+08	1.16E+08	-	0.018803
ltga1	MmuINT0083550	chr13	1.16E+08	1.16E+08	-	0.016408



ltga1	MmuINT0083551	chr13	1.16E+08	1.16E+08	-	0.015791
ltga1	MmuINT0083552	chr13	1.16E+08	1.16E+08	-	0.021026
ltga1	MmuINT0083553	chr13	1.16E+08	1.16E+08	-	0.012895
ltga1	MmuINT0083554	chr13	1.16E+08	1.16E+08	-	0.018008
ltga1	MmuINT0083556	chr13	1.16E+08	1.16E+08	-	0.031919
ltga1	MmuINT0083558	chr13	1.16E+08	1.16E+08	-	0.016142
ltga1	MmuINT0083559	chr13	1.16E+08	1.16E+08	-	0.024584
ltga1	MmuINT0083560	chr13	1.16E+08	1.16E+08	-	0.046832
ltga1	MmuINT0083561	chr13	1.16E+08	1.16E+08	-	0.019992
ltga1	MmuINT0083562	chr13	1.16E+08	1.16E+08	-	0.014902
ltga1	MmuINT0083563	chr13	1.16E+08	1.16E+08	-	0.020915
ltga1	MmuINT0083564	chr13	1.16E+08	1.16E+08	-	0.012746
ltga1	MmuINT0083566	chr13	1.16E+08	1.16E+08	-	0.042143
ltga1	MmuINT0083567	chr13	1.16E+08	1.16E+08	-	0.021031
ltga1	MmuINT0083569	chr13	1.16E+08	1.16E+08	-	0.015476
ltga3	MmuINT0083688	chr11	94930154	94937444	-	0.047178
ltga3	MmuINT0083689	chr11	94919594	94920637	-	0.064919
ltga3	MmuINT0083690	chr11	94919418	94919525	-	0.045046
ltga3	MmuINT0083691	chr11	94918735	94919280	-	0.034198
ltga3	MmuINT0083692	chr11	94918496	94918584	-	0.025953
ltga3	MmuINT0083693	chr11	94918166	94918397	-	0.032356
ltga3	MmuINT0083694	chr11	94917827	94918017	-	0.034502
ltga3	MmuINT0083695	chr11	94917251	94917754	-	0.064591
ltga3	MmuINT0083697	chr11	94915492	94917009	-	0.045445
ltga3	MmuINT0083698	chr11	94915229	94915388	-	0.029674
ltga3	MmuINT0083699	chr11	94929619	94930025	-	0.031727
ltga3	MmuINT0083700	chr11	94914662	94915045	-	0.026369
ltga3	MmuINT0083701	chr11	94913872	94914538	-	0.02134
ltga3	MmuINT0083702	chr11	94912865	94913757	-	0.090529
ltga3	MmuINT0083703	chr11	94908361	94912765	-	0.050473
ltga3	MmuINT0083704	chr11	94907905	94908234	-	0.067729
ltga3	MmuINT0083705	chr11	94907078	94907762	-	0.187148
ltga3	MmuINT0083706	chr11	94927327	94929538	-	0.037443
ltga3	MmuINT0083707	chr11	94924536	94927076	-	0.033433
ltga3	MmuINT0083708	chr11	94924078	94924448	-	0.03253
ltga3	MmuINT0083709	chr11	94923389	94923866	-	0.094874
ltga3	MmuINT0083710	chr11	94921182	94923191	-	0.045835
ltga3	MmuINT0083711	chr11	94921007	94921092	-	0.027764
ltga3	MmuINT0083712	chr11	94920725	94920869	-	0.052513
ltga5	MmuINT0083740	chr15	1.03E+08	1.03E+08	-	0.020244
ltga5	MmuINT0083741	chr15	1.03E+08	1.03E+08	-	0.014395
ltga5	MmuINT0083742	chr15	1.03E+08	1.03E+08	-	0.078029
ltga5	MmuINT0083743	chr15	1.03E+08	1.03E+08	-	0.027087
ltga5	MmuINT0083744	chr15	1.03E+08	1.03E+08	-	0.021597
ltga5	MmuINT0083745	chr15	1.03E+08	1.03E+08	-	0.029298
ltga5	MmuINT0083746	chr15	1.03E+08	1.03E+08	-	0.031136
ltga5	MmuINT0083747	chr15	1.03E+08	1.03E+08	-	0.045861
ltga5	MmuINT0083748	chr15	1.03E+08	1.03E+08	-	0.085079
ltga5	MmuINT0083749	chr15	1.03E+08	1.03E+08	-	0.020907
ltga5	MmuINT0083750	chr15	1.03E+08	1.03E+08	-	0.042116

ltga5	MmuINT0083751	chr15	1.03E+08	1.03E+08	-	0.01439
ltga5	MmuINT0083752	chr15	1.03E+08	1.03E+08	-	0.013227
ltga5	MmuINT0083753	chr15	1.03E+08	1.03E+08	-	0.009016
ltga5	MmuINT0083754	chr15	1.03E+08	1.03E+08	-	0.02727
ltga5	MmuINT0083755	chr15	1.03E+08	1.03E+08	-	0.025192
ltga5	MmuINT0083756	chr15	1.03E+08	1.03E+08	-	0.010154
ltga5	MmuINT0083757	chr15	1.03E+08	1.03E+08	-	0.009538
ltga5	MmuINT0083758	chr15	1.03E+08	1.03E+08	-	0.006194
ltga5	MmuINT0083759	chr15	1.03E+08	1.03E+08	-	0.022829
ltga5	MmuINT0083760	chr15	1.03E+08	1.03E+08	-	0.007295
ltga5	MmuINT0083761	chr15	1.03E+08	1.03E+08	-	0.015791
ltga5	MmuINT0083762	chr15	1.03E+08	1.03E+08	-	0.008919
ltga5	MmuINT0083763	chr15	1.03E+08	1.03E+08	-	0.012013
ltga5	MmuINT0083764	chr15	1.03E+08	1.03E+08	-	0.026348
ltga5	MmuINT0083765	chr15	1.03E+08	1.03E+08	-	0.07803
ltga5	MmuINT0083766	chr15	1.03E+08	1.03E+08	-	0.068646
ltga5	MmuINT0083767	chr15	1.03E+08	1.03E+08	-	0.025386
ltga5	MmuINT0083768	chr15	1.03E+08	1.03E+08	-	0.06361
ltga6	MmuINT0083769	chr2	71625378	71654686	+	0.015074
ltga6	MmuINT0083770	chr2	71671852	71672065	+	0.021784
ltga6	MmuINT0083771	chr2	71672128	71676324	+	0.029207
ltga6	MmuINT0083772	chr2	71676486	71676634	+	0.011557
ltga6	MmuINT0083773	chr2	71676779	71678618	+	0.017076
ltga6	MmuINT0083774	chr2	71678735	71678842	+	0.008454
ltga6	MmuINT0083775	chr2	71679033	71679123	+	0.012389
ltga6	MmuINT0083776	chr2	71679208	71679305	+	0.012899
ltga6	MmuINT0083777	chr2	71679386	71679535	+	0.004353
ltga6	MmuINT0083780	chr2	71654812	71656537	+	0.010101
ltga6	MmuINT0083781	chr2	71681360	71683839	+	0.00874
ltga6	MmuINT0083782	chr2	71683939	71684029	+	0.01078
ltga6	MmuINT0083783	chr2	71684141	71684220	+	0.011686
ltga6	MmuINT0083784	chr2	71684320	71687437	+	0.014706
ltga6	MmuINT0083785	chr2	71687564	71691590	+	0.070717
ltga6	MmuINT0083786	chr2	71691721	71693910	+	0.117727
ltga6	MmuINT0083787	chr2	71656618	71658055	+	0.025446
ltga6	MmuINT0083788	chr2	71658312	71660494	+	0.013736
ltga6	MmuINT0083789	chr2	71660627	71663565	+	0.008784
ltga6	MmuINT0083790	chr2	71663777	71664446	+	0.008054
ltga6	MmuINT0083791	chr2	71664641	71664779	+	0.011687
ltga6	MmuINT0083792	chr2	71664869	71665952	+	0.013374
ltga6	MmuINT0083793	chr2	71666072	71671752	+	0.014017
ltga7	MmuINT0083794	chr10	1.28E+08	1.28E+08	+	0.014529
ltga7	MmuINT0083795	chr10	1.28E+08	1.28E+08	+	0.0105
ltga7	MmuINT0083796	chr10	1.28E+08	1.28E+08	+	0.003792
ltga7	MmuINT0083797	chr10	1.28E+08	1.28E+08	+	0.002179
ltga7	MmuINT0083798	chr10	1.28E+08	1.28E+08	+	0.002275
ltga7	MmuINT0083799	chr10	1.28E+08	1.28E+08	+	0.001721
ltga7	MmuINT0083800	chr10	1.28E+08	1.28E+08	+	0.003652
ltga7	MmuINT0083801	chr10	1.28E+08	1.28E+08	+	0.005726
ltga7	MmuINT0083802	chr10	1.28E+08	1.28E+08	+	0.008051

ltga7	MmuINT0083803	chr10	1.28E+08	1.28E+08	+	0.002785
ltga7	MmuINT0083804	chr10	1.28E+08	1.28E+08	+	0.001494
ltga7	MmuINT0083805	chr10	1.28E+08	1.28E+08	+	0.015713
ltga7	MmuINT0083806	chr10	1.28E+08	1.28E+08	+	0.003672
ltga7	MmuINT0083807	chr10	1.28E+08	1.28E+08	+	0.007342
ltga7	MmuINT0083808	chr10	1.28E+08	1.28E+08	+	0.004244
ltga7	MmuINT0083809	chr10	1.28E+08	1.28E+08	+	0.003143
ltga7	MmuINT0083810	chr10	1.28E+08	1.28E+08	+	0.011634
ltga7	MmuINT0083811	chr10	1.28E+08	1.28E+08	+	0.003305
ltga7	MmuINT0083812	chr10	1.28E+08	1.28E+08	+	0.043247
ltga7	MmuINT0083813	chr10	1.28E+08	1.28E+08	+	0.011431
ltga7	MmuINT0083814	chr10	1.28E+08	1.28E+08	+	0.003172
ltga7	MmuINT0083815	chr10	1.28E+08	1.28E+08	+	0.005242
ltga7	MmuINT0083816	chr10	1.28E+08	1.28E+08	+	0.006653
ltga7	MmuINT0083817	chr10	1.28E+08	1.28E+08	+	0.003183
ltga9	MmuINT0083848	chr9	1.19E+08	1.19E+08	+	0.012179
ltga9	MmuINT0083849	chr9	1.19E+08	1.19E+08	+	0.009257
ltga9	MmuINT0083850	chr9	1.19E+08	1.19E+08	+	0.012458
ltga9	MmuINT0083851	chr9	1.19E+08	1.19E+08	+	0.013231
ltga9	MmuINT0083852	chr9	1.19E+08	1.19E+08	+	0.016327
ltga9	MmuINT0083853	chr9	1.19E+08	1.19E+08	+	0.00632
ltga9	MmuINT0083854	chr9	1.19E+08	1.19E+08	+	0.007567
ltga9	MmuINT0083855	chr9	1.19E+08	1.19E+08	+	0.009959
ltga9	MmuINT0083856	chr9	1.19E+08	1.19E+08	+	0.00789
ltga9	MmuINT0083857	chr9	1.19E+08	1.19E+08	+	0.008636
ltga9	MmuINT0083858	chr9	1.19E+08	1.19E+08	+	0.016552
ltga9	MmuINT0083859	chr9	1.19E+08	1.19E+08	+	0.008713
ltga9	MmuINT0083860	chr9	1.19E+08	1.19E+08	+	0.010318
ltga9	MmuINT0083861	chr9	1.19E+08	1.19E+08	+	0.00857
ltga9	MmuINT0083862	chr9	1.19E+08	1.19E+08	+	0.007575
ltga9	MmuINT0083863	chr9	1.19E+08	1.19E+08	+	0.007174
ltga9	MmuINT0083864	chr9	1.19E+08	1.19E+08	+	0.005334
ltga9	MmuINT0083865	chr9	1.19E+08	1.19E+08	+	0.00718
ltga9	MmuINT0083866	chr9	1.19E+08	1.19E+08	+	0.007832
ltga9	MmuINT0083867	chr9	1.19E+08	1.19E+08	+	0.007382
ltga9	MmuINT0083868	chr9	1.19E+08	1.19E+08	+	0.009628
ltga9	MmuINT0083869	chr9	1.19E+08	1.19E+08	+	0.011525
ltga9	MmuINT0083870	chr9	1.19E+08	1.19E+08	+	0.012966
ltga9	MmuINT0083871	chr9	1.19E+08	1.19E+08	+	0.013103
ltga9	MmuINT0083872	chr9	1.19E+08	1.19E+08	+	0.015808
ltga9	MmuINT0083873	chr9	1.19E+08	1.19E+08	+	0.012873
ltga9	MmuINT0083874	chr9	1.19E+08	1.19E+08	+	0.006924
ltgam	MmuINT0083969	chr7	1.35E+08	1.35E+08	+	0.056809
ltgam	MmuINT0083976	chr7	1.35E+08	1.35E+08	+	0.049567
ltgam	MmuINT0083982	chr7	1.35E+08	1.35E+08	+	0.182033
ltgam	MmuINT0083983	chr7	1.35E+08	1.35E+08	+	0.090453
ltgam	MmuINT0083984	chr7	1.35E+08	1.35E+08	+	0.056075
ltgam	MmuINT0083985	chr7	1.35E+08	1.35E+08	+	0.105024
ltgam	MmuINT0083986	chr7	1.35E+08	1.35E+08	+	0.075489
ltgam	MmuINT0083987	chr7	1.35E+08	1.35E+08	+	0.070623

ltgam	MmuINT0083989	chr7	1.35E+08	1.35E+08	+	0.06145
ltgam	MmuINT0083993	chr7	1.35E+08	1.35E+08	+	0.057314
ltgav	MmuINT0083996	chr2	83608906	83610209	+	0.058707
ltgav	MmuINT0083997	chr2	83610263	83611291	+	0.052849
ltgav	MmuINT0083998	chr2	83611495	83616524	+	0.027314
ltgav	MmuINT0083999	chr2	83616717	83619170	+	0.037516
ltgav	MmuINT0084000	chr2	83619217	83622095	+	0.04755
ltgav	MmuINT0084001	chr2	83622204	83623961	+	0.071896
ltgav	MmuINT0084002	chr2	83624021	83625489	+	0.054095
ltgav	MmuINT0084003	chr2	83625645	83629073	+	0.044263
ltgav	MmuINT0084004	chr2	83629212	83631351	+	0.058102
ltgav	MmuINT0084005	chr2	83631420	83632049	+	0.040754
ltgav	MmuINT0084006	chr2	83576798	83588009	+	0.041954
ltgav	MmuINT0084007	chr2	83632198	83632707	+	0.029848
ltgav	MmuINT0084008	chr2	83632801	83634390	+	0.05087
ltgav	MmuINT0084009	chr2	83634471	83635075	+	0.053731
ltgav	MmuINT0084010	chr2	83635157	83635595	+	0.034872
ltgav	MmuINT0084011	chr2	83635702	83636242	+	0.043631
ltgav	MmuINT0084012	chr2	83636402	83637507	+	0.031649
ltgav	MmuINT0084013	chr2	83637610	83641926	+	0.036744
ltgav	MmuINT0084014	chr2	83642041	83642134	+	0.028761
ltgav	MmuINT0084015	chr2	83642243	83643036	+	0.031083
ltgav	MmuINT0084016	chr2	83643160	83643396	+	0.027839
ltgav	MmuINT0084017	chr2	83588102	83595962	+	0.036168
ltgav	MmuINT0084018	chr2	83596078	83602024	+	0.061556
ltgav	MmuINT0084019	chr2	83602087	83603808	+	0.056965
ltgav	MmuINT0084020	chr2	83603855	83605924	+	0.05067
ltgav	MmuINT0084021	chr2	83606051	83606783	+	0.050503
ltgav	MmuINT0084022	chr2	83606829	83608451	+	0.060082
ltgav	MmuINT0084023	chr2	83608496	83608848	+	0.057486
ltgb1	MmuINT0084053	chr8	1.31E+08	1.31E+08	+	0.011517
ltgb1	MmuINT0084054	chr8	1.31E+08	1.31E+08	+	0.000952
ltgb1	MmuINT0084055	chr8	1.31E+08	1.31E+08	+	0.001637
ltgb1	MmuINT0084056	chr8	1.31E+08	1.31E+08	+	0.000644
ltgb1	MmuINT0084057	chr8	1.31E+08	1.31E+08	+	0.003979
ltgb1	MmuINT0084058	chr8	1.31E+08	1.31E+08	+	0.001437
ltgb1	MmuINT0084059	chr8	1.31E+08	1.31E+08	+	0.016658
ltgb1	MmuINT0084060	chr8	1.31E+08	1.31E+08	+	0.001522
ltgb1	MmuINT0084061	chr8	1.31E+08	1.31E+08	+	0.000885
ltgb1	MmuINT0084062	chr8	1.31E+08	1.31E+08	+	0.000913
ltgb1	MmuINT0084063	chr8	1.31E+08	1.31E+08	+	0.000825
ltgb1	MmuINT0084064	chr8	1.31E+08	1.31E+08	+	0.001145
ltgb1	MmuINT0084065	chr8	1.31E+08	1.31E+08	+	0.001175
ltgb1	MmuINT0084066	chr8	1.31E+08	1.31E+08	+	0.001385
ltgb1	MmuINT0084067	chr8	1.31E+08	1.31E+08	+	0.001121
ltgb1bp1	MmuINT0084069	chr12	21282760	21285260	-	0.00459
ltgb1bp1	MmuINT0084070	chr12	21280764	21282680	-	0.006403
ltgb1bp1	MmuINT0084071	chr12	21278010	21280626	-	0.017326
ltgb1bp1	MmuINT0084072	chr12	21277430	21277916	-	0.005921
ltgb1bp1	MmuINT0084073	chr12	21276819	21277279	-	0.022025

ltgb1bp2	MmuINT0084074	chrX	98644576	98644799	+	0.030176
ltgb1bp2	MmuINT0084075	chrX	98648230	98648470	+	0.049937
ltgb1bp2	MmuINT0084076	chrX	98644850	98644943	+	0.004813
ltgb1bp2	MmuINT0084077	chrX	98645001	98645079	+	0.063554
ltgb1bp2	MmuINT0084078	chrX	98645226	98646925	+	0.126901
ltgb1bp2	MmuINT0084079	chrX	98647021	98647124	+	0.044081
ltgb1bp2	MmuINT0084080	chrX	98647184	98647292	+	0.035886
ltgb1bp2	MmuINT0084081	chrX	98647364	98647453	+	0.001523
ltgb1bp2	MmuINT0084082	chrX	98647554	98647812	+	0.00509
ltgb1bp2	MmuINT0084083	chrX	98647927	98648166	+	0.033792
ltgb1bp3	MmuINT0084084	chr10	80663727	80664695	-	0.740103
ltgb1bp3	MmuINT0084085	chr10	80663326	80663635	-	0.702018
ltgb1bp3	MmuINT0084086	chr10	80663194	80663276	-	0.711431
ltgb1bp3	MmuINT0084087	chr10	80662842	80663036	-	0.712605
ltgb1bp3	MmuINT0084088	chr10	80662456	80662769	-	0.689996
ltgb1bp3	MmuINT0084089	chr10	80662192	80662348	-	0.792107
ltgb2	MmuINT0084091	chr10	77020276	77020696	+	0.067193
ltgb2	MmuINT0084092	chr10	77020885	77022223	+	0.069177
ltgb2	MmuINT0084093	chr10	77022469	77022894	+	0.068399
ltgb2	MmuINT0084094	chr10	77023118	77023757	+	0.054623
ltgb2	MmuINT0084095	chr10	77023961	77027382	+	0.057999
ltgb2	MmuINT0084096	chr10	77027550	77027922	+	0.013907
ltgb2	MmuINT0084098	chr10	77005232	77008757	+	0.064403
ltgb2	MmuINT0084099	chr10	77008939	77009870	+	0.062445
ltgb2	MmuINT0084100	chr10	77010042	77011290	+	0.102562
ltgb2	MmuINT0084101	chr10	77011533	77012690	+	0.058246
ltgb2	MmuINT0084102	chr10	77012847	77013717	+	0.188479
ltgb2	MmuINT0084104	chr10	77018923	77020134	+	0.071183
ltgb3bp	MmuINT0084135	chr4	99468924	99480748	-	0.05597
ltgb3bp	MmuINT0084136	chr4	99465454	99468787	-	0.063269
ltgb3bp	MmuINT0084137	chr4	99456371	99465386	-	0.01169
ltgb3bp	MmuINT0084141	chr4	99434268	99436184	-	0.007796
ltgb5	MmuINT0084182	chr16	33830117	33845071	+	0.009124
ltgb5	MmuINT0084183	chr16	33920301	33940575	+	0.001692
ltgb5	MmuINT0084186	chr16	33946697	33947800	+	0.008746
ltgb5	MmuINT0084187	chr16	33845158	33865533	+	0.003673
ltgb5	MmuINT0084188	chr16	33865739	33875887	+	0.002787
ltgb5	MmuINT0084189	chr16	33876138	33885038	+	0.002657
ltgb5	MmuINT0084190	chr16	33885208	33899326	+	0.003175
ltgb5	MmuINT0084191	chr16	33899489	33900595	+	0.002476
ltgb5	MmuINT0084192	chr16	33900692	33902879	+	0.002548
ltgb5	MmuINT0084193	chr16	33902970	33910550	+	0.004642
ltgb5	MmuINT0084194	chr16	33910686	33919870	+	0.002975
ltgb6	MmuINT0084197	chr2	60458491	60465804	-	0.020972
ltgb6	MmuINT0084198	chr2	60454797	60458267	-	0.015696
ltgb6	MmuINT0084199	chr2	60449544	60454701	-	0.060561
ltgb6	MmuINT0084200	chr2	60443364	60449423	-	0.022955
ltgb6	MmuINT0084201	chr2	60438641	60443196	-	0.033701
ltgb6	MmuINT0084207	chr2	60472727	60488030	-	0.017958
ltgb6	MmuINT0084209	chr2	60466223	60466391	-	0.026664

ltgbl1	MmuINT0084237	chr14	1.24E+08	1.24E+08	+	0.045937
ltgbl1	MmuINT0084238	chr14	1.24E+08	1.24E+08	+	0.045594
ltgbl1	MmuINT0084239	chr14	1.24E+08	1.24E+08	+	0.049927
ltgbl1	MmuINT0084240	chr14	1.24E+08	1.24E+08	+	0.030764
ltgbl1	MmuINT0084241	chr14	1.24E+08	1.24E+08	+	0.051133
ltgbl1	MmuINT0084242	chr14	1.24E+08	1.24E+08	+	0.033848
ltgbl1	MmuINT0084243	chr14	1.24E+08	1.24E+08	+	0.049565
ltgbl1	MmuINT0084244	chr14	1.24E+08	1.24E+08	+	0.036912
ltgbl1	MmuINT0084245	chr14	1.24E+08	1.24E+08	+	0.044312
ltgbl1	MmuINT0084246	chr14	1.24E+08	1.24E+08	+	0.033896
ltih3	MmuINT0084297	chr14	31723060	31725110	-	0.061203
ltih3	MmuINT0084300	chr14	31721999	31722583	-	0.050227
ltih4	MmuINT0084314	chr14	31709349	31709743	+	0.055004
ltih4	MmuINT0084316	chr14	31711076	31711165	+	0.049512
ltih4	MmuINT0084317	chr14	31711283	31712505	+	0.084227
ltih4	MmuINT0084319	chr14	31712675	31714070	+	0.066604
ltih4	MmuINT0084320	chr14	31714226	31714320	+	0.038482
ltih4	MmuINT0084321	chr14	31714418	31714820	+	0.047677
ltk	MmuINT0084357	chr11	46155983	46161372	-	0.995733
ltk	MmuINT0084358	chr11	46154740	46155899	-	0.983652
ltm2a	MmuINT0084366	chrX	1.05E+08	1.05E+08	-	0.018538
ltm2a	MmuINT0084367	chrX	1.05E+08	1.05E+08	-	0.020662
ltm2a	MmuINT0084368	chrX	1.05E+08	1.05E+08	-	0.022454
ltm2a	MmuINT0084370	chrX	1.05E+08	1.05E+08	-	0.019753
ltm2b	MmuINT0084371	chr14	73768235	73784816	-	0.000865
ltm2b	MmuINT0084372	chr14	73766335	73768105	-	0.000295
ltm2b	MmuINT0084373	chr14	73765670	73766127	-	0.000223
ltm2b	MmuINT0084374	chr14	73764500	73765558	-	0.000324
ltm2b	MmuINT0084375	chr14	73762951	73764348	-	0.000508
ltm2c	MmuINT0084376	chr1	87791365	87799584	+	0.004309
ltm2c	MmuINT0084377	chr1	87799726	87801788	+	0.005651
ltm2c	MmuINT0084378	chr1	87801978	87802996	+	0.003889
ltm2c	MmuINT0084379	chr1	87803108	87803582	+	0.002841
ltm2c	MmuINT0084380	chr1	87803734	87804121	+	0.005402
ltpk1	MmuINT0084388	chr12	1.04E+08	1.04E+08	-	0.053125
ltpk1	MmuINT0084389	chr12	1.04E+08	1.04E+08	-	0.036142
ltpk1	MmuINT0084390	chr12	1.04E+08	1.04E+08	-	0.043084
ltpk1	MmuINT0084391	chr12	1.04E+08	1.04E+08	-	0.038444
ltpk1	MmuINT0084394	chr12	1.04E+08	1.04E+08	-	0.045684
ltpk1	MmuINT0084395	chr12	1.04E+08	1.04E+08	-	0.044939
ltpk1	MmuINT0084396	chr12	1.04E+08	1.04E+08	-	0.02354
ltpkb	MmuINT0084403	chr1	1.82E+08	1.82E+08	+	0.097209
ltpkb	MmuINT0084404	chr1	1.82E+08	1.82E+08	+	0.006597
ltpkb	MmuINT0084405	chr1	1.82E+08	1.82E+08	+	0.005918
ltpkb	MmuINT0084406	chr1	1.82E+08	1.82E+08	+	0.008691
ltpkb	MmuINT0084407	chr1	1.82E+08	1.82E+08	+	0.036577
ltpkb	MmuINT0084408	chr1	1.82E+08	1.82E+08	+	0.034844
ltpkb	MmuINT0084409	chr1	1.82E+08	1.82E+08	+	0.006613
ltpkc	MmuINT0084410	chr7	28004722	28012369	-	0.06058
ltpkc	MmuINT0084411	chr7	28002185	28004618	-	0.045609

ltpkc	MmuINT0084412	chr7	27999600	28001970	-	0.057398
ltpkc	MmuINT0084413	chr7	27998081	27999394	-	0.046268
ltpkc	MmuINT0084414	chr7	27997403	27997978	-	0.109399
ltpkc	MmuINT0084415	chr7	27993464	27997330	-	0.276491
ltpr1	MmuINT0084426	chr6	1.08E+08	1.08E+08	+	0.025339
ltpr1	MmuINT0084428	chr6	1.08E+08	1.08E+08	+	0.020712
ltpr1	MmuINT0084429	chr6	1.08E+08	1.08E+08	+	0.017701
ltpr1	MmuINT0084431	chr6	1.08E+08	1.08E+08	+	0.475195
ltpr1	MmuINT0084432	chr6	1.08E+08	1.08E+08	+	0.020198
ltpr1	MmuINT0084435	chr6	1.08E+08	1.08E+08	+	0.024719
ltpr1	MmuINT0084436	chr6	1.08E+08	1.08E+08	+	0.017947
ltpr1	MmuINT0084440	chr6	1.08E+08	1.08E+08	+	0.023565
ltpr1	MmuINT0084441	chr6	1.08E+08	1.08E+08	+	0.068249
ltpr1	MmuINT0084442	chr6	1.08E+08	1.08E+08	+	0.032283
ltpr1	MmuINT0084443	chr6	1.08E+08	1.08E+08	+	0.021544
ltpr1	MmuINT0084444	chr6	1.08E+08	1.08E+08	+	0.01961
ltpr1	MmuINT0084445	chr6	1.08E+08	1.08E+08	+	0.022535
ltpr1	MmuINT0084447	chr6	1.08E+08	1.08E+08	+	0.015354
ltpr1	MmuINT0084453	chr6	1.08E+08	1.08E+08	+	0.01958
ltpr1	MmuINT0084454	chr6	1.08E+08	1.08E+08	+	0.016806
ltpr1	MmuINT0084455	chr6	1.08E+08	1.08E+08	+	0.012893
ltpr1	MmuINT0084456	chr6	1.08E+08	1.08E+08	+	0.015781
ltpr1	MmuINT0084457	chr6	1.08E+08	1.08E+08	+	0.01345
ltpr1	MmuINT0084458	chr6	1.08E+08	1.08E+08	+	0.020323
ltpr1	MmuINT0084459	chr6	1.08E+08	1.08E+08	+	0.015483
ltpr1	MmuINT0084461	chr6	1.08E+08	1.08E+08	+	0.020796
ltpr1	MmuINT0084462	chr6	1.08E+08	1.08E+08	+	0.017961
ltpr1	MmuINT0084463	chr6	1.08E+08	1.08E+08	+	0.018742
ltpr1	MmuINT0084464	chr6	1.08E+08	1.08E+08	+	0.020514
ltpr1	MmuINT0084465	chr6	1.08E+08	1.08E+08	+	0.020294
ltpr1	MmuINT0084466	chr6	1.08E+08	1.08E+08	+	0.014526
ltpr1	MmuINT0084467	chr6	1.08E+08	1.08E+08	+	0.01382
ltpr1	MmuINT0084468	chr6	1.08E+08	1.08E+08	+	0.019655
ltpr1	MmuINT0084469	chr6	1.08E+08	1.08E+08	+	0.034206
ltpr1	MmuINT0084470	chr6	1.08E+08	1.08E+08	+	0.015917
ltpr1	MmuINT0084472	chr6	1.08E+08	1.08E+08	+	0.014135
ltpr1	MmuINT0084473	chr6	1.08E+08	1.08E+08	+	0.023695
ltpr2	MmuINT0084499	chr6	1.46E+08	1.46E+08	-	0.048945
ltpr2	MmuINT0084507	chr6	1.46E+08	1.46E+08	-	0.049155
ltpr2	MmuINT0084510	chr6	1.46E+08	1.46E+08	-	0.038305
ltpr2	MmuINT0084518	chr6	1.46E+08	1.46E+08	-	0.040632
ltpr2	MmuINT0084519	chr6	1.46E+08	1.46E+08	-	0.067998
ltpr2	MmuINT0084520	chr6	1.46E+08	1.46E+08	-	0.042987
ltpr2	MmuINT0084523	chr6	1.46E+08	1.46E+08	-	0.057931
ltpr2	MmuINT0084524	chr6	1.46E+08	1.46E+08	-	0.05694
ltpr2	MmuINT0084525	chr6	1.46E+08	1.46E+08	-	0.04084
ltpr2	MmuINT0084526	chr6	1.46E+08	1.46E+08	-	0.040745
ltpr2	MmuINT0084527	chr6	1.46E+08	1.46E+08	-	0.038144
ltpr2	MmuINT0084528	chr6	1.46E+08	1.46E+08	-	0.045193
ltpr2	MmuINT0084529	chr6	1.46E+08	1.46E+08	-	0.031562

ltpr3	MmuINT0084569	chr17	27250871	27251024	+	0.073524
ltpr3	MmuINT0084575	chr17	27252729	27252830	+	0.067671
ltpr3	MmuINT0084579	chr17	27253727	27254110	+	0.060197
ltpr3	MmuINT0084583	chr17	27255618	27256159	+	0.11557
ltpr3	MmuINT0084584	chr17	27256326	27256812	+	0.061388
ltpr3	MmuINT0084585	chr17	27256974	27257875	+	0.106217
ltpr3	MmuINT0084586	chr17	27258038	27258404	+	0.124628
ltsn1	MmuINT0084595	chr16	91729845	91782405	+	0.015742
ltsn1	MmuINT0084596	chr16	91815785	91817089	+	0.006736
ltsn1	MmuINT0084597	chr16	91817203	91818652	+	0.008368
ltsn1	MmuINT0084598	chr16	91818916	91820695	+	0.006431
ltsn1	MmuINT0084599	chr16	91820846	91820923	+	0.004334
ltsn1	MmuINT0084600	chr16	91821065	91828105	+	0.007271
ltsn1	MmuINT0084601	chr16	91782466	91784307	+	0.014266
ltsn1	MmuINT0084602	chr16	91784401	91785532	+	0.010171
ltsn1	MmuINT0084603	chr16	91785597	91793851	+	0.012586
ltsn1	MmuINT0084604	chr16	91794013	91801771	+	0.008104
ltsn1	MmuINT0084605	chr16	91801952	91803279	+	0.012465
ltsn1	MmuINT0084606	chr16	91803377	91806337	+	0.014584
ltsn1	MmuINT0084607	chr16	91806439	91812334	+	0.013261
ltsn1	MmuINT0084608	chr16	91812399	91815646	+	0.008634
ltsn1	MmuINT0084609	chr16	91837434	91839860	+	0.005291
ltsn1	MmuINT0084610	chr16	91840088	91841733	+	0.015143
ltsn1	MmuINT0084611	chr16	91841856	91848966	+	0.005258
ltsn1	MmuINT0084612	chr16	91849215	91851050	+	0.005858
ltsn1	MmuINT0084613	chr16	91851211	91853939	+	0.066121
ltsn1	MmuINT0084614	chr16	91854146	91854817	+	0.012267
ltsn1	MmuINT0084615	chr16	91854901	91858453	+	0.014384
ltsn1	MmuINT0084616	chr16	91858621	91861438	+	0.032553
ltsn1	MmuINT0084617	chr16	91861485	91863501	+	0.023501
ltsn1	MmuINT0084618	chr16	91863624	91868264	+	0.013191
ltsn1	MmuINT0084619	chr16	91868383	91869862	+	0.040501
ltsn2	MmuINT0084632	chr12	4639880	4640282	+	0.019163
ltsn2	MmuINT0084633	chr12	4640369	4641340	+	0.035002
ltsn2	MmuINT0084634	chr12	4641604	4642386	+	0.012957
ltsn2	MmuINT0084635	chr12	4642537	4643352	+	0.008379
ltsn2	MmuINT0084636	chr12	4643494	4644544	+	0.01534
ltsn2	MmuINT0084637	chr12	4644633	4646460	+	0.019236
ltsn2	MmuINT0084638	chr12	4646601	4656788	+	0.022432
ltsn2	MmuINT0084639	chr12	4656926	4659156	+	0.009106
ltsn2	MmuINT0084640	chr12	4659294	4660251	+	0.009658
ltsn2	MmuINT0084641	chr12	4660350	4664820	+	0.014802
ltsn2	MmuINT0084642	chr12	4620112	4631696	+	0.055772
ltsn2	MmuINT0084643	chr12	4664997	4665247	+	0.015245
ltsn2	MmuINT0084644	chr12	4665378	4668664	+	0.010439
ltsn2	MmuINT0084645	chr12	4668871	4671342	+	0.025183
ltsn2	MmuINT0084646	chr12	4671429	4672965	+	0.013344
ltsn2	MmuINT0084647	chr12	4673133	4678078	+	0.025646
ltsn2	MmuINT0084648	chr12	4678125	4678207	+	0.016891
ltsn2	MmuINT0084649	chr12	4678330	4679542	+	0.022479



ltsn2	MmuINT0084650	chr12	4679640	4680221	+	0.014211
ltsn2	MmuINT0084651	chr12	4680414	4703947	+	0.038417
ltsn2	MmuINT0084652	chr12	4704070	4707125	+	0.035382
ltsn2	MmuINT0084653	chr12	4631790	4633335	+	0.042846
ltsn2	MmuINT0084654	chr12	4707233	4707987	+	0.033137
ltsn2	MmuINT0084655	chr12	4708172	4713065	+	0.039115
ltsn2	MmuINT0084656	chr12	4713165	4713770	+	0.03453
ltsn2	MmuINT0084657	chr12	4713939	4714335	+	0.032879
ltsn2	MmuINT0084658	chr12	4714552	4714918	+	0.055534
ltsn2	MmuINT0084659	chr12	4715041	4715750	+	0.048292
ltsn2	MmuINT0084660	chr12	4715834	4718758	+	0.240279
ltsn2	MmuINT0084661	chr12	4718843	4719272	+	0.195455
ltsn2	MmuINT0084662	chr12	4719447	4719845	+	0.044767
ltsn2	MmuINT0084663	chr12	4633400	4634638	+	0.018644
ltsn2	MmuINT0084664	chr12	4634803	4636350	+	0.013986
ltsn2	MmuINT0084665	chr12	4636558	4636673	+	0.013688
ltsn2	MmuINT0084666	chr12	4636771	4637442	+	0.019663
ltsn2	MmuINT0084667	chr12	4637583	4639179	+	0.022973
ltsn2	MmuINT0084668	chr12	4639244	4639741	+	0.013181
lvd	MmuINT0084669	chr2	1.19E+08	1.19E+08	+	0.000611
lvd	MmuINT0084670	chr2	1.19E+08	1.19E+08	+	0.001461
lvd	MmuINT0084671	chr2	1.19E+08	1.19E+08	+	0.002925
lvd	MmuINT0084672	chr2	1.19E+08	1.19E+08	+	0.000805
lvd	MmuINT0084673	chr2	1.19E+08	1.19E+08	+	0.019235
lvd	MmuINT0084674	chr2	1.19E+08	1.19E+08	+	0.019535
lvd	MmuINT0084675	chr2	1.19E+08	1.19E+08	+	0.007463
lvd	MmuINT0084676	chr2	1.19E+08	1.19E+08	+	0.001133
lvd	MmuINT0084677	chr2	1.19E+08	1.19E+08	+	0.001622
lvd	MmuINT0084678	chr2	1.19E+08	1.19E+08	+	0.004324
lvd	MmuINT0084679	chr2	1.19E+08	1.19E+08	+	0.002708
lvns1abp	MmuINT0084682	chr1	1.53E+08	1.53E+08	+	0.005542
lvns1abp	MmuINT0084683	chr1	1.53E+08	1.53E+08	+	0.000401
lvns1abp	MmuINT0084684	chr1	1.53E+08	1.53E+08	+	0.000692
lvns1abp	MmuINT0084685	chr1	1.53E+08	1.53E+08	+	0.001725
lvns1abp	MmuINT0084686	chr1	1.53E+08	1.53E+08	+	0.003406
lvns1abp	MmuINT0084687	chr1	1.53E+08	1.53E+08	+	0.0032
lvns1abp	MmuINT0084688	chr1	1.53E+08	1.53E+08	+	0.000581
lvns1abp	MmuINT0084689	chr1	1.53E+08	1.53E+08	+	0.000386
lvns1abp	MmuINT0084690	chr1	1.53E+08	1.53E+08	+	0.004117
lvns1abp	MmuINT0084691	chr1	1.53E+08	1.53E+08	+	0.009054
lvns1abp	MmuINT0084692	chr1	1.53E+08	1.53E+08	+	0.000859
lvns1abp	MmuINT0084693	chr1	1.53E+08	1.53E+08	+	0.020587
lws1	MmuINT0084694	chr18	32227694	32229760	+	0.215222
lws1	MmuINT0084695	chr18	32249161	32250082	+	0.012631
lws1	MmuINT0084696	chr18	32250195	32250799	+	0.016721
lws1	MmuINT0084697	chr18	32250857	32252771	+	0.013408
lws1	MmuINT0084699	chr18	32229877	32239324	+	0.012229
lws1	MmuINT0084700	chr18	32240232	32242919	+	0.013289
lws1	MmuINT0084701	chr18	32243113	32243832	+	0.015225
lws1	MmuINT0084702	chr18	32243891	32244306	+	0.019124

lws1	MmuINT0084703	chr18	32244405	32245926	+	0.064576
lws1	MmuINT0084704	chr18	32246078	32246723	+	0.024953
lws1	MmuINT0084705	chr18	32246807	32247909	+	0.023079
lws1	MmuINT0084706	chr18	32248040	32249042	+	0.013054
lzumo4	MmuINT0084732	chr10	80165875	80165953	+	0.064362
lzumo4	MmuINT0084733	chr10	80166026	80166474	+	0.227082
lzumo4	MmuINT0084734	chr10	80166502	80166597	+	0.448604
lzumo4	MmuINT0084735	chr10	80166674	80166783	+	0.250625
lzumo4	MmuINT0084736	chr10	80166832	80166924	+	0.255734
lzumo4	MmuINT0084739	chr10	80167459	80167808	+	0.885368
Jag1	MmuINT0084742	chr2	1.37E+08	1.37E+08	-	0.050911
Jag1	MmuINT0084743	chr2	1.37E+08	1.37E+08	-	0.058184
Jag1	MmuINT0084744	chr2	1.37E+08	1.37E+08	-	0.052037
Jag1	MmuINT0084745	chr2	1.37E+08	1.37E+08	-	0.07934
Jag1	MmuINT0084747	chr2	1.37E+08	1.37E+08	-	0.038561
Jag1	MmuINT0084749	chr2	1.37E+08	1.37E+08	-	0.137659
Jag1	MmuINT0084750	chr2	1.37E+08	1.37E+08	-	0.085417
Jag1	MmuINT0084752	chr2	1.37E+08	1.37E+08	-	0.273092
Jag1	MmuINT0084754	chr2	1.37E+08	1.37E+08	-	0.080876
Jag1	MmuINT0084755	chr2	1.37E+08	1.37E+08	-	0.348451
Jag1	MmuINT0084756	chr2	1.37E+08	1.37E+08	-	0.371517
Jag1	MmuINT0084757	chr2	1.37E+08	1.37E+08	-	0.089842
Jag2	MmuINT0084766	chr12	1.14E+08	1.14E+08	-	0.121285
Jag2	MmuINT0084767	chr12	1.14E+08	1.14E+08	-	0.017759
Jag2	MmuINT0084768	chr12	1.14E+08	1.14E+08	-	0.015084
Jag2	MmuINT0084769	chr12	1.14E+08	1.14E+08	-	0.009714
Jag2	MmuINT0084770	chr12	1.14E+08	1.14E+08	-	0.01655
Jag2	MmuINT0084771	chr12	1.14E+08	1.14E+08	-	0.059633
Jag2	MmuINT0084772	chr12	1.14E+08	1.14E+08	-	0.013183
Jag2	MmuINT0084773	chr12	1.14E+08	1.14E+08	-	0.020492
Jag2	MmuINT0084774	chr12	1.14E+08	1.14E+08	-	0.157962
Jag2	MmuINT0084775	chr12	1.14E+08	1.14E+08	-	0.146372
Jag2	MmuINT0084776	chr12	1.14E+08	1.14E+08	-	0.041193
Jag2	MmuINT0084777	chr12	1.14E+08	1.14E+08	-	0.01655
Jag2	MmuINT0084778	chr12	1.14E+08	1.14E+08	-	0.011681
Jag2	MmuINT0084779	chr12	1.14E+08	1.14E+08	-	0.018402
Jag2	MmuINT0084780	chr12	1.14E+08	1.14E+08	-	0.006882
Jag2	MmuINT0084781	chr12	1.14E+08	1.14E+08	-	0.066831
Jag2	MmuINT0084782	chr12	1.14E+08	1.14E+08	-	0.059403
Jag2	MmuINT0084783	chr12	1.14E+08	1.14E+08	-	0.09597
Jag2	MmuINT0084784	chr12	1.14E+08	1.14E+08	-	0.015467
Jag2	MmuINT0084785	chr12	1.14E+08	1.14E+08	-	0.054172
Jag2	MmuINT0084786	chr12	1.14E+08	1.14E+08	-	0.031817
Jag2	MmuINT0084787	chr12	1.14E+08	1.14E+08	-	0.029715
Jag2	MmuINT0084788	chr12	1.14E+08	1.14E+08	-	0.036987
Jag2	MmuINT0084789	chr12	1.14E+08	1.14E+08	-	0.201413
Jagn1	MmuINT0084790	chr6	1.13E+08	1.13E+08	+	0.036575
Jak1	MmuINT0084791	chr4	1.01E+08	1.01E+08	-	0.006085
Jak1	MmuINT0084792	chr4	1.01E+08	1.01E+08	-	0.002207
Jak1	MmuINT0084793	chr4	1.01E+08	1.01E+08	-	0.008129

Jak1	MmuINT0084794	chr4	1.01E+08	1.01E+08	-	0.002052
Jak1	MmuINT0084795	chr4	1.01E+08	1.01E+08	-	0.00851
Jak1	MmuINT0084796	chr4	1.01E+08	1.01E+08	-	0.00214
Jak1	MmuINT0084797	chr4	1.01E+08	1.01E+08	-	0.002133
Jak1	MmuINT0084798	chr4	1.01E+08	1.01E+08	-	0.002197
Jak1	MmuINT0084799	chr4	1.01E+08	1.01E+08	-	0.001921
Jak1	MmuINT0084800	chr4	1.01E+08	1.01E+08	-	0.001433
Jak1	MmuINT0084801	chr4	1.01E+08	1.01E+08	-	0.001819
Jak1	MmuINT0084802	chr4	1.01E+08	1.01E+08	-	0.005137
Jak1	MmuINT0084803	chr4	1.01E+08	1.01E+08	-	0.003524
Jak1	MmuINT0084804	chr4	1.01E+08	1.01E+08	-	0.001516
Jak1	MmuINT0084805	chr4	1.01E+08	1.01E+08	-	0.002295
Jak1	MmuINT0084806	chr4	1.01E+08	1.01E+08	-	0.003181
Jak1	MmuINT0084807	chr4	1.01E+08	1.01E+08	-	0.009048
Jak1	MmuINT0084808	chr4	1.01E+08	1.01E+08	-	0.005413
Jak1	MmuINT0084809	chr4	1.01E+08	1.01E+08	-	0.003494
Jak1	MmuINT0084810	chr4	1.01E+08	1.01E+08	-	0.003027
Jak1	MmuINT0084811	chr4	1.01E+08	1.01E+08	-	0.198199
Jak1	MmuINT0084812	chr4	1.01E+08	1.01E+08	-	0.00221
Jak1	MmuINT0084813	chr4	1.01E+08	1.01E+08	-	0.002839
Jak1	MmuINT0084814	chr4	1.01E+08	1.01E+08	-	0.019164
Jak2	MmuINT0084816	chr19	29326609	29326926	+	0.028408
Jak2	MmuINT0084817	chr19	29360903	29362390	+	0.016014
Jak2	MmuINT0084818	chr19	29362578	29363163	+	0.031996
Jak2	MmuINT0084819	chr19	29363292	29365656	+	0.024958
Jak2	MmuINT0084820	chr19	29365792	29369345	+	0.078807
Jak2	MmuINT0084821	chr19	29369434	29370131	+	0.034085
Jak2	MmuINT0084822	chr19	29370260	29370999	+	0.017643
Jak2	MmuINT0084823	chr19	29371139	29372782	+	0.015913
Jak2	MmuINT0084824	chr19	29372935	29373077	+	0.012057
Jak2	MmuINT0084825	chr19	29373229	29373968	+	0.011291
Jak2	MmuINT0084826	chr19	29374106	29375398	+	0.015274
Jak2	MmuINT0084827	chr19	29327010	29336672	+	0.022764
Jak2	MmuINT0084828	chr19	29375589	29376101	+	0.012222
Jak2	MmuINT0084829	chr19	29376227	29376388	+	0.010223
Jak2	MmuINT0084830	chr19	29376562	29384084	+	0.013343
Jak2	MmuINT0084831	chr19	29384203	29385417	+	0.013206
Jak2	MmuINT0084832	chr19	29385532	29386230	+	0.010223
Jak2	MmuINT0084833	chr19	29336924	29345840	+	0.011872
Jak2	MmuINT0084834	chr19	29345965	29349491	+	0.025318
Jak2	MmuINT0084835	chr19	29349610	29351239	+	0.014574
Jak2	MmuINT0084836	chr19	29351386	29356806	+	0.014076
Jak2	MmuINT0084837	chr19	29357129	29358031	+	0.011957
Jak2	MmuINT0084838	chr19	29358152	29359326	+	0.016177
Jak2	MmuINT0084839	chr19	29359485	29360790	+	0.015206
Jak3	MmuINT0084840	chr8	74200483	74202227	+	0.112156
Jak3	MmuINT0084841	chr8	74205587	74205961	+	0.073647
Jak3	MmuINT0084842	chr8	74206087	74206180	+	0.159324
Jak3	MmuINT0084843	chr8	74206313	74206798	+	0.048395
Jak3	MmuINT0084844	chr8	74206884	74207230	+	0.078959

Jak3	MmuINT0084845	chr8	74207359	74207851	+	0.014238
Jak3	MmuINT0084846	chr8	74207985	74208115	+	0.038626
Jak3	MmuINT0084847	chr8	74208268	74208382	+	0.109673
Jak3	MmuINT0084848	chr8	74208534	74209064	+	0.05907
Jak3	MmuINT0084849	chr8	74209205	74209283	+	0.010244
Jak3	MmuINT0084850	chr8	74209474	74209647	+	0.014248
Jak3	MmuINT0084851	chr8	74202421	74202575	+	0.03746
Jak3	MmuINT0084852	chr8	74209773	74209851	+	0.011736
Jak3	MmuINT0084853	chr8	74210025	74210753	+	0.125401
Jak3	MmuINT0084854	chr8	74210872	74211137	+	0.06123
Jak3	MmuINT0084855	chr8	74202700	74202876	+	0.025042
Jak3	MmuINT0084856	chr8	74202989	74203100	+	0.04035
Jak3	MmuINT0084857	chr8	74203247	74203457	+	0.03771
Jak3	MmuINT0084858	chr8	74203744	74204333	+	0.554689
Jak3	MmuINT0084859	chr8	74204457	74204538	+	0.041039
Jak3	MmuINT0084860	chr8	74204697	74204781	+	0.32382
Jak3	MmuINT0084861	chr8	74204894	74205399	+	0.024312
Jam2	MmuINT0084909	chr16	84774799	84801814	+	0.002778
Jam2	MmuINT0084910	chr16	84801884	84807079	+	0.002688
Jam2	MmuINT0084911	chr16	84807188	84809588	+	0.00442
Jam2	MmuINT0084912	chr16	84809742	84813143	+	0.01768
Jam2	MmuINT0084913	chr16	84813344	84815413	+	0.023512
Jam2	MmuINT0084914	chr16	84815514	84816510	+	0.002591
Jam2	MmuINT0084915	chr16	84816619	84819004	+	0.009702
Jam2	MmuINT0084916	chr16	84819021	84821504	+	0.013913
Jam2	MmuINT0084917	chr16	84821548	84823031	+	0.002792
Jam3	MmuINT0084918	chr9	26914000	26962875	-	0.017726
Jam3	MmuINT0084919	chr9	26913206	26913933	-	0.017535
Jam3	MmuINT0084920	chr9	26909602	26913091	-	0.060634
Jam3	MmuINT0084921	chr9	26909026	26909448	-	0.050351
Jam3	MmuINT0084922	chr9	26907768	26908822	-	0.137465
Jam3	MmuINT0084923	chr9	26906560	26907667	-	0.146731
Jam3	MmuINT0084924	chr9	26906352	26906429	-	0.03982
Jam3	MmuINT0084925	chr9	26905987	26906296	-	0.046822
Jarid2	MmuINT0084927	chr13	45002956	45005711	+	0.014733
Jarid2	MmuINT0084928	chr13	45005831	45005905	+	0.048701
Jarid2	MmuINT0084929	chr13	45005977	45006534	+	0.027661
Jarid2	MmuINT0084930	chr13	45006650	45008549	+	0.051318
Jarid2	MmuINT0084931	chr13	45008656	45009019	+	0.016914
Jarid2	MmuINT0084932	chr13	45009203	45009614	+	0.02492
Jarid2	MmuINT0084933	chr13	45009746	45010132	+	0.013135
Jarid2	MmuINT0084934	chr13	45010317	45011785	+	0.029086
Jarid2	MmuINT0084935	chr13	45011894	45015168	+	0.028443
Jarid2	MmuINT0084936	chr13	44827286	44918748	+	0.014034
Jarid2	MmuINT0084937	chr13	44918885	44943648	+	0.015685
Jarid2	MmuINT0084938	chr13	44943791	44969651	+	0.018242
Jarid2	MmuINT0084939	chr13	44969822	44980072	+	0.011715
Jarid2	MmuINT0084940	chr13	44980250	44991622	+	0.011477
Jarid2	MmuINT0084941	chr13	44991859	44997594	+	0.01893
Jarid2	MmuINT0084942	chr13	44998628	45001601	+	0.015974

Jarid2	MmuINT0084943	chr13	45002105	45002862	+	0.020465
Jazf1	MmuINT0084945	chr6	52844066	53018446	-	0.058001
Jazf1	MmuINT0084946	chr6	52762294	52843992	-	0.069348
Jazf1	MmuINT0084947	chr6	52727699	52762096	-	0.041477
Jazf1	MmuINT0084948	chr6	52720375	52727528	-	0.090595
Jdp2	MmuINT0084949	chr12	86940565	86949082	+	0.053074
Jdp2	MmuINT0084950	chr12	86949316	86972594	+	0.016051
Jdp2	MmuINT0084951	chr12	86972700	86979722	+	0.023454
Jhdm1d	MmuINT0084952	chr6	39131613	39156439	-	0.052579
Jhdm1d	MmuINT0084954	chr6	39101467	39102811	-	0.032847
Jhdm1d	MmuINT0084955	chr6	39099411	39101256	-	0.035639
Jhdm1d	MmuINT0084956	chr6	39099096	39099285	-	0.024737
Jhdm1d	MmuINT0084958	chr6	39097336	39097702	-	0.027444
Jhdm1d	MmuINT0084959	chr6	39097063	39097186	-	0.020337
Jhdm1d	MmuINT0084960	chr6	39095554	39096853	-	0.03329
Jhdm1d	MmuINT0084961	chr6	39094559	39095467	-	0.031933
Jhdm1d	MmuINT0084962	chr6	39093305	39094290	-	0.020456
Jhdm1d	MmuINT0084964	chr6	39123438	39125361	-	0.03693
Jhdm1d	MmuINT0084966	chr6	39120310	39120767	-	0.034012
Jhdm1d	MmuINT0084967	chr6	39119103	39120122	-	0.056786
Jkamp	MmuINT0084971	chr12	73187171	73190301	+	0.064091
Jkamp	MmuINT0084972	chr12	73190394	73190942	+	0.024174
Jkamp	MmuINT0084973	chr12	73191098	73194923	+	0.008895
Jkamp	MmuINT0084974	chr12	73195131	73195672	+	0.010105
Jkamp	MmuINT0084975	chr12	73195855	73201033	+	0.045197
Jkamp	MmuINT0084976	chr12	73201111	73201596	+	0.018166
Jmjd1c	MmuINT0084979	chr10	66692798	66694719	+	0.01141
Jmjd1c	MmuINT0084980	chr10	66694935	66696118	+	0.011859
Jmjd1c	MmuINT0084981	chr10	66696272	66700855	+	0.022147
Jmjd1c	MmuINT0084982	chr10	66700946	66701554	+	0.015316
Jmjd1c	MmuINT0084983	chr10	66701683	66701996	+	0.015809
Jmjd1c	MmuINT0084984	chr10	66702208	66702609	+	0.008721
Jmjd1c	MmuINT0084985	chr10	66702825	66703410	+	0.01163
Jmjd1c	MmuINT0084986	chr10	66703690	66706519	+	0.073362
Jmjd1c	MmuINT0084987	chr10	66706689	66707530	+	0.151641
Jmjd1c	MmuINT0084989	chr10	66707622	66708253	+	0.045799
Jmjd1c	MmuINT0084990	chr10	66708385	66708781	+	0.010718
Jmjd1c	MmuINT0084991	chr10	66708905	66710758	+	0.012869
Jmjd1c	MmuINT0084992	chr10	66710899	66712377	+	0.019594
Jmjd1c	MmuINT0084993	chr10	66712555	66717199	+	0.035426
Jmjd1c	MmuINT0084994	chr10	66717332	66718195	+	0.007555
Jmjd1c	MmuINT0084998	chr10	66680930	66681024	+	0.021055
Jmjd1c	MmuINT0084999	chr10	66681218	66681701	+	0.015294
Jmjd1c	MmuINT0085000	chr10	66683384	66686756	+	0.01193
Jmjd1c	MmuINT0085001	chr10	66686930	66687484	+	0.014527
Jmjd4	MmuINT0085002	chr11	59264015	59264176	+	0.042054
Jmjd4	MmuINT0085003	chr11	59264343	59267012	+	0.066769
Jmjd4	MmuINT0085004	chr11	59267148	59267293	+	0.049003
Jmjd4	MmuINT0085005	chr11	59267562	59268434	+	0.028071
Jmjd4	MmuINT0085006	chr11	59268582	59268808	+	0.045273

Jmjd5	MmuINT0085007	chr7	1.33E+08	1.33E+08	+	0.06076
Jmjd5	MmuINT0085008	chr7	1.33E+08	1.33E+08	+	0.03158
Jmjd5	MmuINT0085009	chr7	1.33E+08	1.33E+08	+	0.098558
Jmjd5	MmuINT0085010	chr7	1.33E+08	1.33E+08	+	0.105936
Jmjd5	MmuINT0085011	chr7	1.33E+08	1.33E+08	+	0.113363
Jmjd5	MmuINT0085012	chr7	1.33E+08	1.33E+08	+	0.067873
Jmjd5	MmuINT0085013	chr7	1.33E+08	1.33E+08	+	0.058972
Jmjd6	MmuINT0085014	chr11	1.17E+08	1.17E+08	-	0.043695
Jmjd6	MmuINT0085015	chr11	1.17E+08	1.17E+08	-	0.004592
Jmjd6	MmuINT0085016	chr11	1.17E+08	1.17E+08	-	0.025623
Jmjd6	MmuINT0085017	chr11	1.17E+08	1.17E+08	-	0.175547
Jmjd6	MmuINT0085018	chr11	1.17E+08	1.17E+08	-	0.100449
Jmjd8	MmuINT0085026	chr17	25966109	25966184	+	0.015613
Jmjd8	MmuINT0085027	chr17	25966284	25966428	+	0.019295
Jmjd8	MmuINT0085028	chr17	25966478	25966550	+	0.016484
Jmjd8	MmuINT0085029	chr17	25966648	25966729	+	0.050544
Jmjd8	MmuINT0085030	chr17	25966799	25966886	+	0.02866
Jmjd8	MmuINT0085031	chr17	25967007	25967083	+	0.035004
Jmjd8	MmuINT0085032	chr17	25967152	25967244	+	0.015188
Jmjd8	MmuINT0085033	chr17	25967380	25967454	+	0.024626
Jmy	MmuINT0085034	chr13	94242750	94268256	-	0.01279
Jmy	MmuINT0085035	chr13	94205375	94209393	-	0.012471
Jmy	MmuINT0085036	chr13	94234673	94242575	-	0.008666
Jmy	MmuINT0085037	chr13	94229745	94234521	-	0.01065
Jmy	MmuINT0085038	chr13	94224049	94229574	-	0.012116
Jmy	MmuINT0085039	chr13	94223531	94223882	-	0.006349
Jmy	MmuINT0085041	chr13	94212637	94222761	-	0.01248
Jmy	MmuINT0085042	chr13	94211577	94212540	-	0.008201
Jmy	MmuINT0085043	chr13	94209705	94210969	-	0.008493
Josd2	MmuINT0085047	chr7	51723561	51724179	+	0.301075
Josd2	MmuINT0085048	chr7	51724340	51725781	+	0.116392
Josd2	MmuINT0085049	chr7	51725908	51726482	+	0.090971
Josd2	MmuINT0085050	chr7	51726678	51726784	+	0.044799
Jph1	MmuINT0085051	chr1	17082139	17087306	-	0.020459
Jph1	MmuINT0085052	chr1	17006239	17081378	-	0.012463
Jph1	MmuINT0085053	chr1	16994616	17006119	-	0.011628
Jph1	MmuINT0085054	chr1	16987641	16993971	-	0.01986
Jph2	MmuINT0085055	chr2	1.63E+08	1.63E+08	-	0.000818
Jph2	MmuINT0085056	chr2	1.63E+08	1.63E+08	-	0.002573
Jph2	MmuINT0085057	chr2	1.63E+08	1.63E+08	-	0.035171
Jph2	MmuINT0085058	chr2	1.63E+08	1.63E+08	-	0.000621
Jph2	MmuINT0085059	chr2	1.63E+08	1.63E+08	-	0.031102
Jtb	MmuINT0085075	chr3	90035963	90036116	+	0.041164
Jtb	MmuINT0085076	chr3	90036155	90036350	+	0.090863
Jtb	MmuINT0085077	chr3	90036434	90037844	+	0.02309
Jtb	MmuINT0085078	chr3	90037925	90039304	+	0.016086
Jub	MmuINT0085080	chr14	55190671	55192228	-	0.35793
Jub	MmuINT0085083	chr14	55189134	55189213	-	0.121007
Jub	MmuINT0085084	chr14	55188382	55189081	-	0.206184
Jub	MmuINT0085085	chr14	55187894	55188312	-	0.073734

Jup	MmuINT0085086	chr11	1E+08	1E+08	-	0.005775
Jup	MmuINT0085087	chr11	1E+08	1E+08	-	0.001094
Jup	MmuINT0085088	chr11	1E+08	1E+08	-	0.006009
Jup	MmuINT0085089	chr11	1E+08	1E+08	-	0.003401
Jup	MmuINT0085090	chr11	1E+08	1E+08	-	0.006265
Jup	MmuINT0085091	chr11	1E+08	1E+08	-	0.000835
Jup	MmuINT0085092	chr11	1E+08	1E+08	-	0.001683
Jup	MmuINT0085093	chr11	1E+08	1E+08	-	0.001078
Jup	MmuINT0085094	chr11	1E+08	1E+08	-	0.001306
Jup	MmuINT0085095	chr11	1E+08	1E+08	-	0.000943
Jup	MmuINT0085096	chr11	1E+08	1E+08	-	0.001153
Jup	MmuINT0085097	chr11	1E+08	1E+08	-	0.000848
Jup	MmuINT0085098	chr11	1E+08	1E+08	-	0.001807
Kalrn	MmuINT0085109	chr16	34212993	34215100	-	0.237944
Kalrn	MmuINT0085112	chr16	34205417	34212243	-	0.192574
Kalrn	MmuINT0085134	chr16	34053751	34054917	-	0.025302
Kalrn	MmuINT0085137	chr16	34035646	34039964	-	0.014183
Kalrn	MmuINT0085138	chr16	34035243	34035578	-	0.020774
Kalrn	MmuINT0085139	chr16	34034992	34035138	-	0.01754
Kalrn	MmuINT0085140	chr16	34034629	34034921	-	0.026582
Kalrn	MmuINT0085141	chr16	34033686	34034541	-	0.017529
Kalrn	MmuINT0085142	chr16	34032555	34033592	-	0.026841
Kalrn	MmuINT0085143	chr16	34031718	34032503	-	0.024677
Kalrn	MmuINT0085144	chr16	34028912	34031639	-	0.025788
Kalrn	MmuINT0085145	chr16	34028196	34028725	-	0.011285
Kalrn	MmuINT0085146	chr16	34016717	34028023	-	0.010051
Kalrn	MmuINT0085147	chr16	34014301	34016477	-	0.027129
Kalrn	MmuINT0085148	chr16	34010732	34014043	-	0.456807
Kank1	MmuINT0085160	chr19	25502687	25504710	+	0.010269
Kank1	MmuINT0085161	chr19	25504854	25505368	+	0.006083
Kank1	MmuINT0085162	chr19	25505570	25507354	+	0.012839
Kank1	MmuINT0085163	chr19	25507454	25508010	+	0.011987
Kank1	MmuINT0085167	chr19	25486255	25496633	+	0.00783
Kank1	MmuINT0085168	chr19	25496832	25497408	+	0.005924
Kank1	MmuINT0085169	chr19	25497518	25498627	+	0.157774
Kank1	MmuINT0085170	chr19	25498874	25500386	+	0.134581
Kank1	MmuINT0085171	chr19	25500475	25502466	+	0.01432
Kank2	MmuINT0085172	chr9	21600639	21602925	-	0.016274
Kank2	MmuINT0085173	chr9	21574288	21574369	-	0.016904
Kank2	MmuINT0085174	chr9	21573449	21574197	-	0.031269
Kank2	MmuINT0085175	chr9	21600128	21600523	-	0.003091
Kank2	MmuINT0085176	chr9	21585148	21598900	-	0.003689
Kank2	MmuINT0085177	chr9	21584914	21585003	-	0.003509
Kank2	MmuINT0085178	chr9	21584382	21584822	-	0.003743
Kank2	MmuINT0085179	chr9	21580233	21584144	-	0.007353
Kank2	MmuINT0085180	chr9	21579197	21580144	-	0.005207
Kank2	MmuINT0085181	chr9	21577332	21578976	-	0.018316
Kank2	MmuINT0085182	chr9	21574571	21577188	-	0.015366
Kank3	MmuINT0085183	chr17	33947511	33953130	+	0.109531
Kank3	MmuINT0085184	chr17	33959321	33959619	+	0.628586

Kank3	MmuINT0085185	chr17	33953191	33954138	+	0.173978
Kank3	MmuINT0085186	chr17	33955390	33955470	+	0.133343
Kank3	MmuINT0085187	chr17	33955571	33955744	+	0.140373
Kank3	MmuINT0085188	chr17	33955943	33956036	+	0.016969
Kank3	MmuINT0085189	chr17	33956125	33956724	+	0.293222
Kank3	MmuINT0085190	chr17	33956942	33958713	+	0.089272
Kank3	MmuINT0085191	chr17	33958860	33958950	+	0.141832
Kank3	MmuINT0085192	chr17	33959152	33959230	+	0.236823
Kars	MmuINT0085207	chr8	1.15E+08	1.15E+08	-	0.001849
Kars	MmuINT0085208	chr8	1.15E+08	1.15E+08	-	0.005567
Kars	MmuINT0085209	chr8	1.15E+08	1.15E+08	-	0.003959
Kars	MmuINT0085210	chr8	1.15E+08	1.15E+08	-	0.003298
Kars	MmuINT0085211	chr8	1.15E+08	1.15E+08	-	0.002388
Kars	MmuINT0085212	chr8	1.15E+08	1.15E+08	-	0.001572
Kars	MmuINT0085213	chr8	1.15E+08	1.15E+08	-	0.001843
Kars	MmuINT0085214	chr8	1.15E+08	1.15E+08	-	0.001455
Kars	MmuINT0085215	chr8	1.15E+08	1.15E+08	-	0.002466
Kars	MmuINT0085216	chr8	1.15E+08	1.15E+08	-	0.005572
Kars	MmuINT0085217	chr8	1.15E+08	1.15E+08	-	0.006673
Kars	MmuINT0085218	chr8	1.15E+08	1.15E+08	-	0.002449
Kars	MmuINT0085219	chr8	1.15E+08	1.15E+08	-	0.005871
Kat2a	MmuINT0085220	chr11	1.01E+08	1.01E+08	-	0.012015
Kat2a	MmuINT0085221	chr11	1.01E+08	1.01E+08	-	0.016786
Kat2a	MmuINT0085222	chr11	1.01E+08	1.01E+08	-	0.031426
Kat2a	MmuINT0085223	chr11	1.01E+08	1.01E+08	-	0.012339
Kat2a	MmuINT0085224	chr11	1.01E+08	1.01E+08	-	0.076203
Kat2a	MmuINT0085225	chr11	1.01E+08	1.01E+08	-	0.103084
Kat2a	MmuINT0085226	chr11	1.01E+08	1.01E+08	-	0.054649
Kat2a	MmuINT0085227	chr11	1.01E+08	1.01E+08	-	0.030929
Kat2a	MmuINT0085228	chr11	1.01E+08	1.01E+08	-	0.01194
Kat2a	MmuINT0085229	chr11	1.01E+08	1.01E+08	-	0.026381
Kat2a	MmuINT0085230	chr11	1.01E+08	1.01E+08	-	0.037747
Kat2a	MmuINT0085231	chr11	1.01E+08	1.01E+08	-	0.031158
Kat2a	MmuINT0085232	chr11	1.01E+08	1.01E+08	-	0.014133
Kat2a	MmuINT0085233	chr11	1.01E+08	1.01E+08	-	0.101314
Kat2a	MmuINT0085234	chr11	1.01E+08	1.01E+08	-	0.017962
Kat2a	MmuINT0085235	chr11	1.01E+08	1.01E+08	-	0.015508
Kat2b	MmuINT0085238	chr17	53706904	53750188	+	0.003016
Kat2b	MmuINT0085240	chr17	53793891	53798642	+	0.009766
Kat2b	MmuINT0085241	chr17	53798754	53799353	+	0.003647
Kat2b	MmuINT0085242	chr17	53799498	53802859	+	0.002054
Kat2b	MmuINT0085245	chr17	53805042	53805147	+	0.004088
Kat2b	MmuINT0085247	chr17	53750316	53763676	+	0.003743
Kat2b	MmuINT0085248	chr17	53763823	53768648	+	0.002611
Kat2b	MmuINT0085249	chr17	53768742	53771861	+	0.002841
Kat2b	MmuINT0085251	chr17	53777869	53780517	+	0.002044
Kat2b	MmuINT0085252	chr17	53780625	53783938	+	0.002852
Kat2b	MmuINT0085253	chr17	53784062	53788071	+	0.002709
Kat5	MmuINT0085255	chr19	5609919	5610017	-	0.945026
Kat5	MmuINT0085256	chr19	5605466	5605542	-	0.05776



Kat5	MmuINT0085257	chr19	5603990	5605371	-	0.091011
Kat5	MmuINT0085258	chr19	5603716	5603829	-	0.03537
Kat5	MmuINT0085259	chr19	5603553	5603633	-	0.079411
Kat5	MmuINT0085260	chr19	5609532	5609851	-	0.077354
Kat5	MmuINT0085261	chr19	5609373	5609462	-	0.014096
Kat5	MmuINT0085262	chr19	5608958	5609235	-	0.086409
Kat5	MmuINT0085263	chr19	5608713	5608801	-	0.088017
Kat5	MmuINT0085264	chr19	5608330	5608637	-	0.014034
Kat5	MmuINT0085265	chr19	5607965	5608254	-	0.009686
Kat5	MmuINT0085266	chr19	5607641	5607715	-	0.026065
Kat5	MmuINT0085267	chr19	5605684	5607550	-	0.045117
Katna1	MmuINT0085268	chr10	7445922	7458520	+	0.012424
Katna1	MmuINT0085269	chr10	7481168	7482587	+	0.025471
Katna1	MmuINT0085271	chr10	7461364	7463353	+	0.016908
Katna1	MmuINT0085272	chr10	7463535	7468573	+	0.003344
Katna1	MmuINT0085273	chr10	7468696	7471341	+	0.005642
Katna1	MmuINT0085274	chr10	7471448	7472541	+	0.010865
Katna1	MmuINT0085275	chr10	7472701	7479494	+	0.000992
Katna1	MmuINT0085276	chr10	7479622	7480532	+	0.054854
Katnal1	MmuINT0085278	chr5	1.5E+08	1.5E+08	-	0.182879
Katnal1	MmuINT0085279	chr5	1.5E+08	1.5E+08	-	0.021292
Katnal1	MmuINT0085280	chr5	1.5E+08	1.5E+08	-	0.011948
Katnal1	MmuINT0085282	chr5	1.5E+08	1.5E+08	-	0.013437
Katnal1	MmuINT0085283	chr5	1.5E+08	1.5E+08	-	0.017307
Katnal1	MmuINT0085284	chr5	1.5E+08	1.5E+08	-	0.020103
Katnal1	MmuINT0085285	chr5	1.5E+08	1.5E+08	-	0.016148
Katnal1	MmuINT0085286	chr5	1.5E+08	1.5E+08	-	0.01754
Katnal1	MmuINT0085287	chr5	1.5E+08	1.5E+08	-	0.017049
Katnb1	MmuINT0085301	chr8	97605205	97606497	+	0.038098
Katnb1	MmuINT0085302	chr8	97619403	97619505	+	0.026107
Katnb1	MmuINT0085303	chr8	97619697	97619788	+	0.030165
Katnb1	MmuINT0085304	chr8	97619920	97620255	+	0.140369
Katnb1	MmuINT0085305	chr8	97620307	97621111	+	0.038131
Katnb1	MmuINT0085306	chr8	97621189	97621298	+	0.040669
Katnb1	MmuINT0085307	chr8	97621419	97621514	+	0.028934
Katnb1	MmuINT0085308	chr8	97621665	97621854	+	0.033543
Katnb1	MmuINT0085309	chr8	97621932	97622005	+	0.068318
Katnb1	MmuINT0085310	chr8	97622081	97622218	+	0.05167
Katnb1	MmuINT0085311	chr8	97622336	97622553	+	0.019887
Katnb1	MmuINT0085312	chr8	97606794	97611187	+	0.027759
Katnb1	MmuINT0085313	chr8	97611319	97613859	+	0.047786
Katnb1	MmuINT0085314	chr8	97613978	97617415	+	0.035984
Katnb1	MmuINT0085315	chr8	97617517	97617813	+	0.102372
Katnb1	MmuINT0085316	chr8	97617856	97618379	+	0.042918
Katnb1	MmuINT0085317	chr8	97618464	97618619	+	0.03554
Katnb1	MmuINT0085318	chr8	97618736	97619072	+	0.12339
Katnb1	MmuINT0085319	chr8	97619145	97619251	+	0.033592
Kazald1	MmuINT0085322	chr19	45152947	45153050	+	0.09106
Kazald1	MmuINT0085323	chr19	45153199	45153356	+	0.065431
Kbtbd10	MmuINT0085324	chr2	69509364	69512414	+	0.001976

Kbtbd10	MmuINT0085325	chr2	69512573	69512679	+	0.00235
Kbtbd10	MmuINT0085326	chr2	69512788	69516136	+	0.002142
Kbtbd10	MmuINT0085327	chr2	69516323	69517740	+	0.002106
Kbtbd10	MmuINT0085328	chr2	69517888	69521544	+	0.005613
Kbtbd12	MmuINT0085330	chr6	88568953	88577390	-	0.019091
Kbtbd2	MmuINT0085331	chr6	56739695	56747476	-	0.410519
Kbtbd2	MmuINT0085332	chr6	56731961	56739212	-	0.049673
Kbtbd2	MmuINT0085333	chr6	56730408	56731794	-	0.016193
Kbtbd3	MmuINT0085335	chr9	4309935	4313701	+	0.100153
Kbtbd3	MmuINT0085336	chr9	4313807	4316826	+	0.035979
Kbtbd3	MmuINT0085337	chr9	4317072	4329848	+	0.005006
Kbtbd4	MmuINT0085338	chr2	90745067	90745822	+	0.024783
Kbtbd4	MmuINT0085339	chr2	90746441	90747701	+	0.012204
Kbtbd4	MmuINT0085340	chr2	90747809	90749173	+	0.020899
Kbtbd5	MmuINT0085341	chr9	1.22E+08	1.22E+08	+	0.007499
Kbtbd5	MmuINT0085342	chr9	1.22E+08	1.22E+08	+	0.00869
Kbtbd5	MmuINT0085343	chr9	1.22E+08	1.22E+08	+	0.009078
Kbtbd5	MmuINT0085344	chr9	1.22E+08	1.22E+08	+	0.019325
Kbtbd5	MmuINT0085345	chr9	1.22E+08	1.22E+08	+	0.008895
Kcmf1	MmuINT0085350	chr6	72811920	72849607	-	0.007701
Kcmf1	MmuINT0085351	chr6	72808908	72811751	-	0.001443
Kcmf1	MmuINT0085352	chr6	72800479	72808767	-	0.001161
Kcmf1	MmuINT0085353	chr6	72799613	72800376	-	0.003306
Kcmf1	MmuINT0085354	chr6	72798502	72799437	-	0.001128
Kcmf1	MmuINT0085355	chr6	72793125	72798218	-	0.003169
Kcnb1	MmuINT0085404	chr2	1.67E+08	1.67E+08	-	0.007689
Kcnd2	MmuINT0085423	chr6	21167414	21664134	+	0.01094
Kcnd2	MmuINT0085424	chr6	21664298	21672385	+	0.009229
Kcnd2	MmuINT0085425	chr6	21672482	21673186	+	0.008167
Kcnd2	MmuINT0085427	chr6	21676225	21677164	+	0.022424
Kcnd3	MmuINT0085430	chr3	1.05E+08	1.05E+08	+	0.031836
Kcnd3	MmuINT0085431	chr3	1.05E+08	1.05E+08	+	0.029835
Kcnd3	MmuINT0085432	chr3	1.05E+08	1.05E+08	+	0.047181
Kcnd3	MmuINT0085434	chr3	1.05E+08	1.05E+08	+	0.358713
Kcnd3	MmuINT0085435	chr3	1.05E+08	1.05E+08	+	0.030562
Kcng2	MmuINT0085447	chr18	80493148	80519211	-	0.001665
Kcnh2	MmuINT0085460	chr5	23854360	23857025	-	0.011542
Kcnh2	MmuINT0085461	chr5	23828573	23828888	-	0.00255
Kcnh2	MmuINT0085462	chr5	23828040	23828472	-	0.024419
Kcnh2	MmuINT0085463	chr5	23827641	23827763	-	0.010087
Kcnh2	MmuINT0085464	chr5	23827241	23827453	-	0.012644
Kcnh2	MmuINT0085465	chr5	23825968	23827062	-	0.018324
Kcnh2	MmuINT0085467	chr5	23837931	23838709	-	0.014236
Kcnh2	MmuINT0085468	chr5	23836941	23837480	-	0.008732
Kcnh2	MmuINT0085469	chr5	23832596	23836728	-	0.011828
Kcnh2	MmuINT0085470	chr5	23831700	23832166	-	0.020115
Kcnh2	MmuINT0085471	chr5	23830974	23831311	-	0.111925
Kcnh2	MmuINT0085472	chr5	23830404	23830773	-	0.006616
Kcnh2	MmuINT0085473	chr5	23829083	23830150	-	0.096141
Kcnip2	MmuINT0085563	chr19	45869538	45870069	-	0.001993

Kcnp2	MmuINT0085564	chr19	45869301	45869467	-	0.001484
Kcnp2	MmuINT0085565	chr19	45869078	45869229	-	0.000961
Kcnp2	MmuINT0085566	chr19	45868794	45868969	-	0.01078
Kcnp2	MmuINT0085567	chr19	45868554	45868688	-	0.001549
Kcnp2	MmuINT0085568	chr19	45868208	45868490	-	0.011965
Kcnp4	MmuINT0085586	chr5	48787307	48787889	-	0.943603
Kcnj5	MmuINT0085607	chr9	32125488	32129665	-	0.00301
Kcnj8	MmuINT0085611	chr6	1.43E+08	1.43E+08	-	0.055003
Kcnj8	MmuINT0085612	chr6	1.43E+08	1.43E+08	-	0.053838
Kcnk3	MmuINT0085641	chr5	30890973	30924263	+	0.007585
Kcnn1	MmuINT0085697	chr8	73379377	73380830	-	0.018775
Kcnn1	MmuINT0085703	chr8	73370672	73372073	-	0.015374
Kcnn1	MmuINT0085704	chr8	73370464	73370662	-	0.050951
Kcnn1	MmuINT0085705	chr8	73368461	73370393	-	0.013722
Kcnn2	MmuINT0085712	chr18	45842795	45844928	+	0.025211
Kcnq1	MmuINT0085728	chr7	1.5E+08	1.5E+08	+	0.008915
Kcnq1	MmuINT0085729	chr7	1.5E+08	1.5E+08	+	0.004029
Kcnq1	MmuINT0085730	chr7	1.5E+08	1.51E+08	+	0.00514
Kcnq1	MmuINT0085731	chr7	1.51E+08	1.51E+08	+	0.004492
Kcnq1	MmuINT0085732	chr7	1.51E+08	1.51E+08	+	0.010856
Kcnq1	MmuINT0085733	chr7	1.51E+08	1.51E+08	+	0.010421
Kcnq1	MmuINT0085734	chr7	1.51E+08	1.51E+08	+	0.008261
Kcnq1	MmuINT0085735	chr7	1.5E+08	1.5E+08	+	0.007392
Kcnq1	MmuINT0085736	chr7	1.5E+08	1.5E+08	+	0.006049
Kcnq1	MmuINT0085737	chr7	1.5E+08	1.5E+08	+	0.007457
Kcnq1	MmuINT0085738	chr7	1.5E+08	1.5E+08	+	0.005479
Kcnq1	MmuINT0085739	chr7	1.5E+08	1.5E+08	+	0.006953
Kcnq1	MmuINT0085740	chr7	1.5E+08	1.5E+08	+	0.006652
Kcnq1	MmuINT0085741	chr7	1.5E+08	1.5E+08	+	0.004398
Kcnq1	MmuINT0085742	chr7	1.5E+08	1.5E+08	+	0.004094
Kcp	MmuINT0085926	chr6	29432463	29432633	-	0.118595
Kctd1	MmuINT0085933	chr18	15166384	15220276	-	0.041267
Kctd1	MmuINT0085934	chr18	15144990	15166204	-	0.014988
Kctd1	MmuINT0085935	chr18	15132795	15144844	-	0.021554
Kctd1	MmuINT0085936	chr18	15128205	15132488	-	0.025193
Kctd10	MmuINT0085939	chr5	1.15E+08	1.15E+08	-	0.01297
Kctd10	MmuINT0085940	chr5	1.15E+08	1.15E+08	-	0.009224
Kctd10	MmuINT0085941	chr5	1.15E+08	1.15E+08	-	0.049238
Kctd10	MmuINT0085942	chr5	1.15E+08	1.15E+08	-	0.014582
Kctd10	MmuINT0085943	chr5	1.15E+08	1.15E+08	-	0.038856
Kctd13	MmuINT0085946	chr7	1.34E+08	1.34E+08	+	0.05647
Kctd13	MmuINT0085947	chr7	1.34E+08	1.34E+08	+	0.026753
Kctd13	MmuINT0085948	chr7	1.34E+08	1.34E+08	+	0.033809
Kctd13	MmuINT0085949	chr7	1.34E+08	1.34E+08	+	0.035053
Kctd13	MmuINT0085950	chr7	1.34E+08	1.34E+08	+	0.062722
Kctd17	MmuINT0085960	chr15	78259298	78260471	+	0.013318
Kctd17	MmuINT0085961	chr15	78260581	78263414	+	0.017375
Kctd17	MmuINT0085962	chr15	78263507	78264344	+	0.016011
Kctd17	MmuINT0085963	chr15	78264441	78266014	+	0.015969
Kctd17	MmuINT0085964	chr15	78266141	78267330	+	0.311726

Kctd17	MmuINT0085965	chr15	78267425	78268916	+	0.989439
Kctd18	MmuINT0085967	chr1	58013665	58015986	-	0.042332
Kctd18	MmuINT0085969	chr1	58020106	58022172	-	0.403944
Kctd2	MmuINT0085987	chr11	1.15E+08	1.15E+08	+	0.010402
Kctd2	MmuINT0085988	chr11	1.15E+08	1.15E+08	+	0.011518
Kctd2	MmuINT0085989	chr11	1.15E+08	1.15E+08	+	0.023567
Kctd2	MmuINT0085990	chr11	1.15E+08	1.15E+08	+	0.021844
Kctd2	MmuINT0085991	chr11	1.15E+08	1.15E+08	+	0.050728
Kctd20	MmuINT0085993	chr17	29095003	29098358	+	0.603284
Kctd20	MmuINT0085994	chr17	29098633	29099754	+	0.047018
Kctd20	MmuINT0085995	chr17	29099858	29100195	+	0.034486
Kctd20	MmuINT0085996	chr17	29100317	29100905	+	0.032287
Kctd20	MmuINT0085998	chr17	29102030	29103596	+	0.002325
Kctd3	MmuINT0086001	chr1	1.91E+08	1.91E+08	-	0.036234
Kctd3	MmuINT0086002	chr1	1.91E+08	1.91E+08	-	0.014521
Kctd3	MmuINT0086003	chr1	1.91E+08	1.91E+08	-	0.035413
Kctd3	MmuINT0086006	chr1	1.91E+08	1.91E+08	-	0.037755
Kctd3	MmuINT0086010	chr1	1.91E+08	1.91E+08	-	0.039268
Kctd3	MmuINT0086012	chr1	1.91E+08	1.91E+08	-	0.03025
Kctd3	MmuINT0086013	chr1	1.91E+08	1.91E+08	-	0.024339
Kctd3	MmuINT0086014	chr1	1.91E+08	1.91E+08	-	0.01822
Kctd3	MmuINT0086015	chr1	1.91E+08	1.91E+08	-	0.027876
Kctd3	MmuINT0086016	chr1	1.91E+08	1.91E+08	-	0.053496
Kctd5	MmuINT0086018	chr17	24197319	24210143	-	0.030567
Kctd5	MmuINT0086019	chr17	24196281	24197209	-	0.019862
Kctd5	MmuINT0086020	chr17	24194804	24196188	-	0.022387
Kctd5	MmuINT0086021	chr17	24193018	24194707	-	0.035461
Kctd5	MmuINT0086022	chr17	24186412	24192891	-	0.02654
Kctd6	MmuINT0086023	chr14	9046857	9052664	+	0.547191
Kctd7	MmuINT0086026	chr5	1.31E+08	1.31E+08	+	0.10562
Kctd9	MmuINT0086029	chr14	68334442	68342614	+	0.013729
Kctd9	MmuINT0086030	chr14	68355769	68356433	+	0.015491
Kctd9	MmuINT0086031	chr14	68356568	68358352	+	0.008033
Kctd9	MmuINT0086032	chr14	68342737	68344383	+	0.0047
Kctd9	MmuINT0086033	chr14	68344428	68346706	+	0.004974
Kctd9	MmuINT0086034	chr14	68346804	68347407	+	0.028708
Kctd9	MmuINT0086035	chr14	68347467	68347661	+	0.005153
Kctd9	MmuINT0086036	chr14	68347791	68351217	+	0.011715
Kctd9	MmuINT0086037	chr14	68351286	68351403	+	0.004729
Kctd9	MmuINT0086038	chr14	68351500	68352197	+	0.034057
Kctd9	MmuINT0086039	chr14	68352348	68355662	+	0.090251
Kdelc1	MmuINT0086041	chr1	44174089	44175162	-	0.012313
Kdelc1	MmuINT0086042	chr1	44171745	44173882	-	0.030497
Kdelc1	MmuINT0086043	chr1	44171364	44171538	-	0.015907
Kdelc1	MmuINT0086044	chr1	44170021	44171285	-	0.022227
Kdelc1	MmuINT0086045	chr1	44169728	44169847	-	0.164578
Kdelc1	MmuINT0086046	chr1	44167790	44169489	-	0.028925
Kdelc1	MmuINT0086047	chr1	44166929	44167579	-	0.02226
Kdelc1	MmuINT0086048	chr1	44164718	44166838	-	0.021349
Kdelc1	MmuINT0086049	chr1	44163950	44164609	-	0.029748

Kdelr1	MmuINT0086057	chr7	53128472	53129128	+	0.019441
Kdelr1	MmuINT0086058	chr7	53129230	53129412	+	0.001415
Kdelr1	MmuINT0086059	chr7	53129572	53136869	+	0.003698
Kdelr1	MmuINT0086060	chr7	53137123	53138346	+	0.007228
Kdelr2	MmuINT0086061	chr5	1.44E+08	1.44E+08	+	0.008747
Kdelr2	MmuINT0086062	chr5	1.44E+08	1.44E+08	+	0.01268
Kdelr2	MmuINT0086063	chr5	1.44E+08	1.44E+08	+	0.008592
Kdelr2	MmuINT0086064	chr5	1.44E+08	1.44E+08	+	0.010072
Kdelr3	MmuINT0086065	chr15	79347071	79353240	+	0.069371
Kdelr3	MmuINT0086066	chr15	79353342	79355233	+	0.100271
Kdelr3	MmuINT0086067	chr15	79355393	79356096	+	0.077747
Kdelr3	MmuINT0086068	chr15	79356350	79357501	+	0.035673
Kdm1a	MmuINT0086069	chr4	1.36E+08	1.36E+08	-	0.015838
Kdm1a	MmuINT0086070	chr4	1.36E+08	1.36E+08	-	0.015453
Kdm1a	MmuINT0086071	chr4	1.36E+08	1.36E+08	-	0.010106
Kdm1a	MmuINT0086072	chr4	1.36E+08	1.36E+08	-	0.011997
Kdm1a	MmuINT0086073	chr4	1.36E+08	1.36E+08	-	0.043934
Kdm1a	MmuINT0086074	chr4	1.36E+08	1.36E+08	-	0.063453
Kdm1a	MmuINT0086075	chr4	1.36E+08	1.36E+08	-	0.037302
Kdm1a	MmuINT0086076	chr4	1.36E+08	1.36E+08	-	0.050427
Kdm1a	MmuINT0086077	chr4	1.36E+08	1.36E+08	-	0.061258
Kdm1a	MmuINT0086078	chr4	1.36E+08	1.36E+08	-	0.020498
Kdm1a	MmuINT0086079	chr4	1.36E+08	1.36E+08	-	0.041701
Kdm1a	MmuINT0086080	chr4	1.36E+08	1.36E+08	-	0.023308
Kdm1a	MmuINT0086081	chr4	1.36E+08	1.36E+08	-	0.022498
Kdm1a	MmuINT0086082	chr4	1.36E+08	1.36E+08	-	0.00773
Kdm1a	MmuINT0086083	chr4	1.36E+08	1.36E+08	-	0.010593
Kdm1a	MmuINT0086084	chr4	1.36E+08	1.36E+08	-	0.016654
Kdm1a	MmuINT0086085	chr4	1.36E+08	1.36E+08	-	0.013436
Kdm1a	MmuINT0086086	chr4	1.36E+08	1.36E+08	-	0.006046
Kdm1b	MmuINT0086088	chr13	47159600	47159939	+	0.029983
Kdm1b	MmuINT0086089	chr13	47160015	47162813	+	0.022903
Kdm1b	MmuINT0086090	chr13	47162952	47163832	+	0.016741
Kdm1b	MmuINT0086091	chr13	47164005	47167260	+	0.036471
Kdm1b	MmuINT0086092	chr13	47167389	47169079	+	0.018941
Kdm1b	MmuINT0086093	chr13	47169212	47169722	+	0.024129
Kdm1b	MmuINT0086094	chr13	47169798	47172751	+	0.024125
Kdm1b	MmuINT0086095	chr13	47172869	47173636	+	0.025119
Kdm1b	MmuINT0086096	chr13	47173763	47174551	+	0.02549
Kdm1b	MmuINT0086097	chr13	47174669	47175804	+	0.023649
Kdm1b	MmuINT0086098	chr13	47143372	47144546	+	0.038529
Kdm1b	MmuINT0086099	chr13	47175958	47178243	+	0.018456
Kdm1b	MmuINT0086100	chr13	47144675	47145978	+	0.018683
Kdm1b	MmuINT0086101	chr13	47146069	47147157	+	0.016401
Kdm1b	MmuINT0086104	chr13	47154184	47156121	+	0.024955
Kdm1b	MmuINT0086105	chr13	47156351	47158326	+	0.024182
Kdm1b	MmuINT0086106	chr13	47158512	47159422	+	0.015039
Kdm2a	MmuINT0086107	chr19	4394893	4396310	-	0.064982
Kdm2a	MmuINT0086108	chr19	4345645	4348645	-	0.017694
Kdm2a	MmuINT0086109	chr19	4343242	4345517	-	0.017817

Kdm2a	MmuINT0086110	chr19	4331270	4342846	-	0.177647
Kdm2a	MmuINT0086111	chr19	4329223	4331185	-	0.010661
Kdm2a	MmuINT0086112	chr19	4328260	4328952	-	0.008921
Kdm2a	MmuINT0086113	chr19	4326899	4328127	-	0.008076
Kdm2a	MmuINT0086114	chr19	4325047	4326808	-	0.024019
Kdm2a	MmuINT0086115	chr19	4322551	4324336	-	0.113603
Kdm2a	MmuINT0086116	chr19	4321057	4322386	-	0.009569
Kdm2a	MmuINT0086117	chr19	4320368	4320897	-	0.009532
Kdm2a	MmuINT0086118	chr19	4362915	4394791	-	0.015901
Kdm2a	MmuINT0086119	chr19	4319282	4320151	-	0.007352
Kdm2a	MmuINT0086120	chr19	4362056	4362775	-	0.02076
Kdm2a	MmuINT0086121	chr19	4361585	4361976	-	0.020559
Kdm2a	MmuINT0086122	chr19	4356927	4361537	-	0.020109
Kdm2a	MmuINT0086123	chr19	4352375	4356747	-	0.019777
Kdm2a	MmuINT0086124	chr19	4351831	4352267	-	0.018109
Kdm2a	MmuINT0086125	chr19	4350331	4351736	-	0.013272
Kdm2a	MmuINT0086126	chr19	4348762	4350176	-	0.014025
Kdm2b	MmuINT0086143	chr5	1.23E+08	1.23E+08	-	0.028701
Kdm2b	MmuINT0086144	chr5	1.23E+08	1.23E+08	-	0.031593
Kdm2b	MmuINT0086145	chr5	1.23E+08	1.23E+08	-	0.036756
Kdm2b	MmuINT0086146	chr5	1.23E+08	1.23E+08	-	0.053096
Kdm2b	MmuINT0086148	chr5	1.23E+08	1.23E+08	-	0.046772
Kdm2b	MmuINT0086149	chr5	1.23E+08	1.23E+08	-	0.028246
Kdm3a	MmuINT0086151	chr6	71557601	71561498	-	0.132616
Kdm3a	MmuINT0086152	chr6	71554143	71557395	-	0.015355
Kdm3a	MmuINT0086153	chr6	71550870	71553927	-	0.052123
Kdm3a	MmuINT0086154	chr6	71550582	71550716	-	0.019103
Kdm3a	MmuINT0086155	chr6	71550136	71550485	-	0.01569
Kdm3a	MmuINT0086156	chr6	71549507	71550007	-	0.027133
Kdm3a	MmuINT0086157	chr6	71547384	71549310	-	0.031448
Kdm3a	MmuINT0086158	chr6	71546887	71547210	-	0.073074
Kdm3a	MmuINT0086159	chr6	71545648	71546649	-	0.03226
Kdm3a	MmuINT0086160	chr6	71544611	71545475	-	0.019144
Kdm3a	MmuINT0086161	chr6	71575909	71582049	-	0.016567
Kdm3a	MmuINT0086162	chr6	71544000	71544516	-	0.031797
Kdm3a	MmuINT0086163	chr6	71542187	71543868	-	0.041173
Kdm3a	MmuINT0086164	chr6	71541989	71542066	-	0.084308
Kdm3a	MmuINT0086165	chr6	71540829	71541848	-	0.03907
Kdm3a	MmuINT0086166	chr6	71540567	71540651	-	0.032311
Kdm3a	MmuINT0086167	chr6	71539710	71540431	-	0.03872
Kdm3a	MmuINT0086168	chr6	71574698	71575752	-	0.02339
Kdm3a	MmuINT0086169	chr6	71571442	71574586	-	0.038173
Kdm3a	MmuINT0086170	chr6	71570563	71571338	-	0.048618
Kdm3a	MmuINT0086171	chr6	71570205	71570437	-	0.020178
Kdm3a	MmuINT0086172	chr6	71570041	71570131	-	0.021896
Kdm3a	MmuINT0086173	chr6	71563990	71569951	-	0.025014
Kdm3a	MmuINT0086174	chr6	71562011	71563825	-	0.014358
Kdm3b	MmuINT0086175	chr18	34936980	34952657	+	0.025391
Kdm3b	MmuINT0086176	chr18	34972241	34973062	+	0.022821
Kdm3b	MmuINT0086177	chr18	34973216	34979434	+	0.011158

Kdm3b	MmuINT0086178	chr18	34979543	34982025	+	0.011832
Kdm3b	MmuINT0086179	chr18	34982154	34983085	+	0.013201
Kdm3b	MmuINT0086180	chr18	34983366	34984355	+	0.009796
Kdm3b	MmuINT0086181	chr18	34984613	34986992	+	0.009242
Kdm3b	MmuINT0086182	chr18	34987260	34988067	+	0.011161
Kdm3b	MmuINT0086183	chr18	34988240	34988592	+	0.025739
Kdm3b	MmuINT0086184	chr18	34988684	34988821	+	0.011497
Kdm3b	MmuINT0086185	chr18	34988953	34989782	+	0.02587
Kdm3b	MmuINT0086186	chr18	34952826	34954103	+	0.015577
Kdm3b	MmuINT0086187	chr18	34989903	34991077	+	0.012243
Kdm3b	MmuINT0086188	chr18	34991218	34992964	+	0.010508
Kdm3b	MmuINT0086189	chr18	34993142	34993870	+	0.017077
Kdm3b	MmuINT0086190	chr18	34994006	34997243	+	0.005237
Kdm3b	MmuINT0086191	chr18	34954218	34955328	+	0.017442
Kdm3b	MmuINT0086192	chr18	34955435	34956441	+	0.020576
Kdm3b	MmuINT0086193	chr18	34956567	34958938	+	0.019355
Kdm3b	MmuINT0086194	chr18	34959014	34963103	+	0.022982
Kdm3b	MmuINT0086195	chr18	34963704	34967894	+	0.247476
Kdm3b	MmuINT0086196	chr18	34969144	34969912	+	0.068354
Kdm3b	MmuINT0086197	chr18	34970115	34972025	+	0.031543
Kdm4a	MmuINT0086198	chr4	1.18E+08	1.18E+08	-	0.021614
Kdm4a	MmuINT0086199	chr4	1.18E+08	1.18E+08	-	0.012814
Kdm4a	MmuINT0086200	chr4	1.18E+08	1.18E+08	-	0.016633
Kdm4a	MmuINT0086201	chr4	1.18E+08	1.18E+08	-	0.014556
Kdm4a	MmuINT0086202	chr4	1.18E+08	1.18E+08	-	0.009825
Kdm4a	MmuINT0086203	chr4	1.18E+08	1.18E+08	-	0.035259
Kdm4a	MmuINT0086204	chr4	1.18E+08	1.18E+08	-	0.032629
Kdm4a	MmuINT0086205	chr4	1.18E+08	1.18E+08	-	0.024376
Kdm4a	MmuINT0086206	chr4	1.18E+08	1.18E+08	-	0.014145
Kdm4a	MmuINT0086207	chr4	1.18E+08	1.18E+08	-	0.035025
Kdm4a	MmuINT0086208	chr4	1.18E+08	1.18E+08	-	0.009993
Kdm4a	MmuINT0086209	chr4	1.18E+08	1.18E+08	-	0.01058
Kdm4a	MmuINT0086210	chr4	1.18E+08	1.18E+08	-	0.021525
Kdm4a	MmuINT0086211	chr4	1.18E+08	1.18E+08	-	0.007955
Kdm4a	MmuINT0086212	chr4	1.18E+08	1.18E+08	-	0.024603
Kdm4a	MmuINT0086213	chr4	1.18E+08	1.18E+08	-	0.017259
Kdm4a	MmuINT0086214	chr4	1.18E+08	1.18E+08	-	0.008331
Kdm4a	MmuINT0086215	chr4	1.18E+08	1.18E+08	-	0.008801
Kdm4a	MmuINT0086216	chr4	1.18E+08	1.18E+08	-	0.010287
Kdm4b	MmuINT0086217	chr17	56465653	56491055	+	0.047706
Kdm4b	MmuINT0086218	chr17	56528766	56528907	+	0.012837
Kdm4b	MmuINT0086219	chr17	56529096	56533140	+	0.051457
Kdm4b	MmuINT0086220	chr17	56533530	56534191	+	0.066047
Kdm4b	MmuINT0086221	chr17	56534313	56535626	+	0.024464
Kdm4b	MmuINT0086222	chr17	56535806	56535919	+	0.031128
Kdm4b	MmuINT0086223	chr17	56536116	56536324	+	0.020564
Kdm4b	MmuINT0086224	chr17	56536402	56536545	+	0.058403
Kdm4b	MmuINT0086225	chr17	56536602	56536724	+	0.047388
Kdm4b	MmuINT0086226	chr17	56536834	56538803	+	0.014293
Kdm4b	MmuINT0086227	chr17	56538990	56539112	+	0.012716

Kdm4b	MmuINT0086228	chr17	56491221	56492398	+	0.011198
Kdm4b	MmuINT0086229	chr17	56539278	56539371	+	0.013049
Kdm4b	MmuINT0086230	chr17	56539492	56540645	+	0.014153
Kdm4b	MmuINT0086231	chr17	56540739	56540968	+	0.112603
Kdm4b	MmuINT0086232	chr17	56492575	56492947	+	0.01658
Kdm4b	MmuINT0086233	chr17	56493063	56495285	+	0.009751
Kdm4b	MmuINT0086234	chr17	56495480	56508545	+	0.017431
Kdm4b	MmuINT0086235	chr17	56508596	56511846	+	0.027003
Kdm4b	MmuINT0086236	chr17	56511951	56515276	+	0.012446
Kdm4b	MmuINT0086237	chr17	56515415	56525505	+	0.010574
Kdm4b	MmuINT0086238	chr17	56525703	56528681	+	0.014922
Kdm4c	MmuINT0086240	chr4	73897991	73908712	+	0.03364
Kdm4c	MmuINT0086241	chr4	73979773	73980452	+	0.021987
Kdm4c	MmuINT0086242	chr4	73980773	73982785	+	0.026798
Kdm4c	MmuINT0086243	chr4	73982895	73989273	+	0.037101
Kdm4c	MmuINT0086244	chr4	73989456	73991346	+	0.024072
Kdm4c	MmuINT0086245	chr4	73991561	73994303	+	0.061495
Kdm4c	MmuINT0086246	chr4	73994381	74003245	+	0.038083
Kdm4c	MmuINT0086247	chr4	74003302	74005323	+	0.03165
Kdm4c	MmuINT0086248	chr4	74005433	74019469	+	0.022621
Kdm4c	MmuINT0086249	chr4	74019656	74023533	+	0.016115
Kdm4c	MmuINT0086250	chr4	74023705	74037280	+	0.026087
Kdm4c	MmuINT0086251	chr4	73908874	73917097	+	0.032018
Kdm4c	MmuINT0086252	chr4	74037401	74045250	+	0.074601
Kdm4c	MmuINT0086253	chr4	74045344	74050724	+	0.028431
Kdm4c	MmuINT0086254	chr4	73917274	73926800	+	0.031225
Kdm4c	MmuINT0086255	chr4	73926916	73944344	+	0.037536
Kdm4c	MmuINT0086258	chr4	73957655	73961415	+	0.035506
Kdm4c	MmuINT0086259	chr4	73961554	73976558	+	0.024103
Kdm4c	MmuINT0086260	chr4	73976753	73979536	+	0.027621
Kdm5a	MmuINT0086262	chr6	1.2E+08	1.2E+08	+	0.046317
Kdm5a	MmuINT0086263	chr6	1.2E+08	1.2E+08	+	0.018277
Kdm5a	MmuINT0086264	chr6	1.2E+08	1.2E+08	+	0.023898
Kdm5a	MmuINT0086265	chr6	1.2E+08	1.2E+08	+	0.029616
Kdm5a	MmuINT0086266	chr6	1.2E+08	1.2E+08	+	0.035351
Kdm5a	MmuINT0086267	chr6	1.2E+08	1.2E+08	+	0.025498
Kdm5a	MmuINT0086268	chr6	1.2E+08	1.2E+08	+	0.022414
Kdm5a	MmuINT0086269	chr6	1.2E+08	1.2E+08	+	0.020641
Kdm5a	MmuINT0086270	chr6	1.2E+08	1.2E+08	+	0.020285
Kdm5a	MmuINT0086271	chr6	1.2E+08	1.2E+08	+	0.020206
Kdm5a	MmuINT0086272	chr6	1.2E+08	1.2E+08	+	0.019581
Kdm5a	MmuINT0086273	chr6	1.2E+08	1.2E+08	+	0.028244
Kdm5a	MmuINT0086274	chr6	1.2E+08	1.2E+08	+	0.023353
Kdm5a	MmuINT0086275	chr6	1.2E+08	1.2E+08	+	0.016858
Kdm5a	MmuINT0086276	chr6	1.2E+08	1.2E+08	+	0.013559
Kdm5a	MmuINT0086277	chr6	1.2E+08	1.2E+08	+	0.015002
Kdm5a	MmuINT0086278	chr6	1.2E+08	1.2E+08	+	0.017046
Kdm5a	MmuINT0086279	chr6	1.2E+08	1.2E+08	+	0.033229
Kdm5a	MmuINT0086280	chr6	1.2E+08	1.2E+08	+	0.011306
Kdm5a	MmuINT0086281	chr6	1.2E+08	1.2E+08	+	0.111759



Kdm5a	MmuINT0086282	chr6	1.2E+08	1.2E+08	+	0.015027
Kdm5a	MmuINT0086283	chr6	1.2E+08	1.2E+08	+	0.030651
Kdm5a	MmuINT0086284	chr6	1.2E+08	1.2E+08	+	0.029424
Kdm5a	MmuINT0086285	chr6	1.2E+08	1.2E+08	+	0.032275
Kdm5a	MmuINT0086286	chr6	1.2E+08	1.2E+08	+	0.024229
Kdm5a	MmuINT0086287	chr6	1.2E+08	1.2E+08	+	0.029931
Kdm5a	MmuINT0086288	chr6	1.2E+08	1.2E+08	+	0.025226
Kdm5b	MmuINT0086290	chr1	1.36E+08	1.37E+08	+	0.042272
Kdm5b	MmuINT0086291	chr1	1.37E+08	1.37E+08	+	0.040032
Kdm5b	MmuINT0086292	chr1	1.37E+08	1.37E+08	+	0.033943
Kdm5b	MmuINT0086293	chr1	1.37E+08	1.37E+08	+	0.030147
Kdm5b	MmuINT0086294	chr1	1.37E+08	1.37E+08	+	0.095936
Kdm5b	MmuINT0086295	chr1	1.37E+08	1.37E+08	+	0.023073
Kdm5b	MmuINT0086296	chr1	1.37E+08	1.37E+08	+	0.045213
Kdm5b	MmuINT0086297	chr1	1.37E+08	1.37E+08	+	0.024276
Kdm5b	MmuINT0086298	chr1	1.37E+08	1.37E+08	+	0.030706
Kdm5b	MmuINT0086299	chr1	1.37E+08	1.37E+08	+	0.0309
Kdm5b	MmuINT0086301	chr1	1.37E+08	1.37E+08	+	0.027
Kdm5b	MmuINT0086302	chr1	1.37E+08	1.37E+08	+	0.02915
Kdm5b	MmuINT0086303	chr1	1.37E+08	1.37E+08	+	0.034471
Kdm5b	MmuINT0086304	chr1	1.37E+08	1.37E+08	+	0.038148
Kdm5b	MmuINT0086305	chr1	1.37E+08	1.37E+08	+	0.022624
Kdm5b	MmuINT0086306	chr1	1.37E+08	1.37E+08	+	0.020902
Kdm5b	MmuINT0086307	chr1	1.37E+08	1.37E+08	+	0.200642
Kdm5b	MmuINT0086308	chr1	1.36E+08	1.36E+08	+	0.038209
Kdm5b	MmuINT0086310	chr1	1.36E+08	1.36E+08	+	0.047472
Kdm5b	MmuINT0086311	chr1	1.36E+08	1.36E+08	+	0.033172
Kdm5b	MmuINT0086314	chr1	1.36E+08	1.36E+08	+	0.033689
Kdm5c	MmuINT0086315	chrX	1.49E+08	1.49E+08	+	0.0121
Kdm5c	MmuINT0086316	chrX	1.49E+08	1.49E+08	+	0.010725
Kdm5c	MmuINT0086317	chrX	1.49E+08	1.49E+08	+	0.011813
Kdm5c	MmuINT0086318	chrX	1.49E+08	1.49E+08	+	0.009623
Kdm5c	MmuINT0086319	chrX	1.49E+08	1.49E+08	+	0.011365
Kdm5c	MmuINT0086320	chrX	1.49E+08	1.49E+08	+	0.035567
Kdm5c	MmuINT0086321	chrX	1.49E+08	1.49E+08	+	0.021249
Kdm5c	MmuINT0086322	chrX	1.49E+08	1.49E+08	+	0.013358
Kdm5c	MmuINT0086323	chrX	1.49E+08	1.49E+08	+	0.017503
Kdm5c	MmuINT0086324	chrX	1.49E+08	1.49E+08	+	0.012623
Kdm5c	MmuINT0086325	chrX	1.49E+08	1.49E+08	+	0.09077
Kdm5c	MmuINT0086326	chrX	1.49E+08	1.49E+08	+	0.024272
Kdm5c	MmuINT0086327	chrX	1.49E+08	1.49E+08	+	0.015955
Kdm5c	MmuINT0086328	chrX	1.49E+08	1.49E+08	+	0.024527
Kdm5c	MmuINT0086329	chrX	1.49E+08	1.49E+08	+	0.023866
Kdm5c	MmuINT0086330	chrX	1.49E+08	1.49E+08	+	0.02383
Kdm5c	MmuINT0086331	chrX	1.49E+08	1.49E+08	+	0.114937
Kdm5c	MmuINT0086332	chrX	1.49E+08	1.49E+08	+	0.011851
Kdm5c	MmuINT0086333	chrX	1.49E+08	1.49E+08	+	0.01441
Kdm5c	MmuINT0086334	chrX	1.49E+08	1.49E+08	+	0.014177
Kdm5c	MmuINT0086335	chrX	1.49E+08	1.49E+08	+	0.012692
Kdm5c	MmuINT0086336	chrX	1.49E+08	1.49E+08	+	0.011916

Kdm5c	MmuINT0086337	chrX	1.49E+08	1.49E+08	+	0.012943
Kdm5c	MmuINT0086338	chrX	1.49E+08	1.49E+08	+	0.010034
Kdm5c	MmuINT0086339	chrX	1.49E+08	1.49E+08	+	0.00804
Kdm5d	MmuINT0086341	chrY	253448	257844	+	0.042727
Kdm5d	MmuINT0086342	chrY	258027	258116	+	0.024466
Kdm5d	MmuINT0086343	chrY	258280	263449	+	0.0368
Kdm5d	MmuINT0086344	chrY	263570	263687	+	0.054437
Kdm5d	MmuINT0086345	chrY	263883	264152	+	0.203943
Kdm5d	MmuINT0086346	chrY	264335	264412	+	0.088178
Kdm5d	MmuINT0086347	chrY	264538	264679	+	0.032792
Kdm5d	MmuINT0086348	chrY	264828	273318	+	0.030097
Kdm5d	MmuINT0086349	chrY	273416	274255	+	0.030735
Kdm5d	MmuINT0086350	chrY	274615	276261	+	0.033918
Kdm5d	MmuINT0086352	chrY	276401	277041	+	0.01789
Kdm5d	MmuINT0086353	chrY	277222	277347	+	0.043532
Kdm5d	MmuINT0086354	chrY	277486	277669	+	0.030647
Kdm5d	MmuINT0086355	chrY	278267	278673	+	0.029157
Kdm5d	MmuINT0086356	chrY	278756	278884	+	0.029611
Kdm5d	MmuINT0086357	chrY	279085	279266	+	0.018535
Kdm5d	MmuINT0086363	chrY	250627	253083	+	0.109745
Kdm5d	MmuINT0086364	chrY	253204	253288	+	0.055718
Kdm6a	MmuINT0086365	chrX	17740299	17740509	+	0.043546
Kdm6a	MmuINT0086366	chrX	17818955	17823091	+	0.026789
Kdm6a	MmuINT0086367	chrX	17823191	17823322	+	0.025913
Kdm6a	MmuINT0086370	chrX	17825486	17826878	+	0.037365
Kdm6a	MmuINT0086371	chrX	17826981	17827832	+	0.02895
Kdm6a	MmuINT0086372	chrX	17828229	17831129	+	0.027151
Kdm6a	MmuINT0086373	chrX	17831909	17834961	+	0.025693
Kdm6a	MmuINT0086374	chrX	17835092	17838648	+	0.077395
Kdm6a	MmuINT0086375	chrX	17838755	17839355	+	0.054965
Kdm6a	MmuINT0086376	chrX	17740574	17776283	+	0.06402
Kdm6a	MmuINT0086377	chrX	17839562	17841073	+	0.025922
Kdm6a	MmuINT0086378	chrX	17841139	17841211	+	0.030793
Kdm6a	MmuINT0086379	chrX	17841287	17841687	+	0.02303
Kdm6a	MmuINT0086380	chrX	17841837	17846273	+	0.023901
Kdm6a	MmuINT0086381	chrX	17846389	17848970	+	0.030391
Kdm6a	MmuINT0086382	chrX	17849159	17850073	+	0.017121
Kdm6a	MmuINT0086383	chrX	17850216	17852160	+	0.01334
Kdm6a	MmuINT0086384	chrX	17852288	17854501	+	0.027954
Kdm6a	MmuINT0086385	chrX	17854690	17855751	+	0.578927
Kdm6a	MmuINT0086386	chrX	17776393	17785861	+	0.051541
Kdm6a	MmuINT0086387	chrX	17785912	17794063	+	0.060835
Kdm6a	MmuINT0086390	chrX	17811041	17813786	+	0.064934
Kdm6b	MmuINT0086393	chr11	69222284	69227034	-	0.018662
Kdm6b	MmuINT0086394	chr11	69219676	69219760	-	0.015893
Kdm6b	MmuINT0086395	chr11	69217419	69217507	-	0.011403
Kdm6b	MmuINT0086396	chr11	69217186	69217291	-	0.022396
Kdm6b	MmuINT0086397	chr11	69215784	69217079	-	0.081664
Kdm6b	MmuINT0086398	chr11	69215484	69215577	-	0.063097
Kdm6b	MmuINT0086399	chr11	69215333	69215418	-	0.068001

Kdm6b	MmuINT0086400	chr11	69215166	69215260	-	0.015104
Kdm6b	MmuINT0086401	chr11	69214880	69215016	-	0.020638
Kdm6b	MmuINT0086402	chr11	69214683	69214764	-	0.016566
Kdm6b	MmuINT0086403	chr11	69214351	69214494	-	0.035118
Kdm6b	MmuINT0086404	chr11	69221904	69222165	-	0.016064
Kdm6b	MmuINT0086405	chr11	69213825	69214208	-	0.037953
Kdm6b	MmuINT0086406	chr11	69213613	69213697	-	0.033088
Kdm6b	MmuINT0086407	chr11	69213352	69213441	-	0.019498
Kdm6b	MmuINT0086408	chr11	69221670	69221759	-	0.016638
Kdm6b	MmuINT0086409	chr11	69221342	69221527	-	0.023292
Kdm6b	MmuINT0086410	chr11	69221147	69221242	-	0.016605
Kdm6b	MmuINT0086411	chr11	69220831	69220926	-	0.016699
Kdm6b	MmuINT0086412	chr11	69220648	69220737	-	0.018476
Kdm6b	MmuINT0086414	chr11	69220112	69220198	-	0.01961
Kdr	MmuINT0086415	chr5	76370521	76374126	-	0.009134
Kdr	MmuINT0086416	chr5	76357871	76358734	-	0.005799
Kdr	MmuINT0086417	chr5	76356844	76357758	-	0.00618
Kdr	MmuINT0086418	chr5	76355484	76356734	-	0.005079
Kdr	MmuINT0086419	chr5	76353136	76355141	-	0.00402
Kdr	MmuINT0086420	chr5	76352311	76352988	-	0.005478
Kdr	MmuINT0086421	chr5	76348972	76352178	-	0.006641
Kdr	MmuINT0086422	chr5	76348433	76348864	-	0.006427
Kdr	MmuINT0086423	chr5	76347944	76348296	-	0.007277
Kdr	MmuINT0086424	chr5	76346248	76347838	-	0.008388
Kdr	MmuINT0086425	chr5	76345629	76346133	-	0.005812
Kdr	MmuINT0086426	chr5	76368481	76370426	-	0.006358
Kdr	MmuINT0086427	chr5	76344930	76345539	-	0.013147
Kdr	MmuINT0086428	chr5	76342942	76344775	-	0.007942
Kdr	MmuINT0086429	chr5	76340671	76342843	-	0.005889
Kdr	MmuINT0086430	chr5	76340408	76340547	-	0.004436
Kdr	MmuINT0086431	chr5	76340050	76340295	-	0.004001
Kdr	MmuINT0086432	chr5	76339566	76339949	-	0.008049
Kdr	MmuINT0086433	chr5	76337987	76339459	-	0.005144
Kdr	MmuINT0086434	chr5	76332964	76337834	-	0.019246
Kdr	MmuINT0086435	chr5	76332406	76332863	-	0.010459
Kdr	MmuINT0086436	chr5	76330644	76332319	-	0.025675
Kdr	MmuINT0086437	chr5	76364887	76368277	-	0.008627
Kdr	MmuINT0086438	chr5	76364515	76364755	-	0.006486
Kdr	MmuINT0086439	chr5	76363837	76364345	-	0.006584
Kdr	MmuINT0086440	chr5	76362550	76363696	-	0.003328
Kdr	MmuINT0086441	chr5	76360965	76362371	-	0.013093
Kdr	MmuINT0086442	chr5	76360764	76360849	-	0.005948
Kdr	MmuINT0086443	chr5	76358892	76360599	-	0.008202
Kdsr	MmuINT0086444	chr1	1.09E+08	1.09E+08	-	0.041381
Kdsr	MmuINT0086445	chr1	1.09E+08	1.09E+08	-	0.057917
Kdsr	MmuINT0086446	chr1	1.09E+08	1.09E+08	-	0.061676
Kdsr	MmuINT0086447	chr1	1.09E+08	1.09E+08	-	0.055306
Kdsr	MmuINT0086448	chr1	1.09E+08	1.09E+08	-	0.087876
Kdsr	MmuINT0086449	chr1	1.09E+08	1.09E+08	-	0.046937
Kdsr	MmuINT0086450	chr1	1.09E+08	1.09E+08	-	0.051007

Kdsr	MmuINT0086451	chr1	1.09E+08	1.09E+08	-	0.113448
Kdsr	MmuINT0086452	chr1	1.09E+08	1.09E+08	-	0.057126
Keap1	MmuINT0086454	chr9	21036347	21037831	-	0.019748
Keap1	MmuINT0086455	chr9	21035871	21036140	-	0.01272
Keap1	MmuINT0086456	chr9	21035313	21035693	-	0.005961
Khdrbs1	MmuINT0086487	chr4	1.29E+08	1.29E+08	-	0.004775
Khdrbs1	MmuINT0086488	chr4	1.29E+08	1.29E+08	-	0.005292
Khdrbs1	MmuINT0086489	chr4	1.29E+08	1.29E+08	-	0.004438
Khdrbs1	MmuINT0086490	chr4	1.29E+08	1.29E+08	-	0.006157
Khdrbs1	MmuINT0086491	chr4	1.29E+08	1.29E+08	-	0.004601
Khdrbs1	MmuINT0086492	chr4	1.29E+08	1.29E+08	-	0.003199
Khdrbs1	MmuINT0086494	chr4	1.29E+08	1.29E+08	-	0.010511
Khdrbs3	MmuINT0086503	chr15	68759264	68825481	+	0.00396
Khdrbs3	MmuINT0086504	chr15	68825601	68843787	+	0.001802
Khdrbs3	MmuINT0086505	chr15	68843905	68847757	+	0.002104
Khdrbs3	MmuINT0086506	chr15	68847905	68855129	+	0.039967
Khdrbs3	MmuINT0086507	chr15	68855270	68860144	+	0.001913
Khdrbs3	MmuINT0086508	chr15	68860341	68879808	+	0.003082
Khdrbs3	MmuINT0086509	chr15	68879892	68921563	+	0.003567
Khdrbs3	MmuINT0086510	chr15	68921623	68923330	+	0.006035
Khk	MmuINT0086511	chr5	31224381	31227111	+	0.019428
Khk	MmuINT0086512	chr5	31227229	31229394	+	0.2115
Khk	MmuINT0086513	chr5	31229530	31230815	+	0.10164
Khk	MmuINT0086514	chr5	31230889	31231893	+	0.00853
Khk	MmuINT0086515	chr5	31232041	31232920	+	0.013647
Khk	MmuINT0086516	chr5	31233010	31233088	+	0.024285
Khk	MmuINT0086517	chr5	31233247	31233334	+	0.022817
Khyn	MmuINT0086518	chr14	56503980	56504610	+	0.033934
Khyn	MmuINT0086519	chr14	56504829	56505328	+	0.119495
Khyn	MmuINT0086520	chr14	56506456	56506550	+	0.029063
Khyn	MmuINT0086521	chr14	56506682	56506757	+	0.165652
Khyn	MmuINT0086522	chr14	56506855	56512828	+	0.029851
Khyn	MmuINT0086523	chr14	56512937	56513123	+	0.165889
Khyn	MmuINT0086524	chr14	56513226	56513699	+	0.024471
Khsrp	MmuINT0086525	chr17	57168562	57170570	-	0.043337
Khsrp	MmuINT0086526	chr17	57164315	57164402	-	0.008849
Khsrp	MmuINT0086527	chr17	57163916	57164211	-	0.016303
Khsrp	MmuINT0086528	chr17	57163595	57163669	-	0.11871
Khsrp	MmuINT0086531	chr17	57162837	57162927	-	0.008144
Khsrp	MmuINT0086532	chr17	57162560	57162635	-	0.031536
Khsrp	MmuINT0086533	chr17	57162394	57162481	-	0.000818
Khsrp	MmuINT0086534	chr17	57167418	57168464	-	0.033757
Khsrp	MmuINT0086535	chr17	57167280	57167378	-	0.060076
Khsrp	MmuINT0086536	chr17	57166522	57167239	-	0.058555
Khsrp	MmuINT0086537	chr17	57166338	57166471	-	0.021818
Khsrp	MmuINT0086539	chr17	57165094	57165302	-	0.008602
Khsrp	MmuINT0086540	chr17	57164830	57164918	-	0.006302
Khsrp	MmuINT0086541	chr17	57164502	57164730	-	0.012929
Kidins220	MmuINT0086542	chr12	25659928	25667101	+	0.06711
Kidins220	MmuINT0086543	chr12	25683670	25684125	+	0.009834

Kidins220	MmuINT0086544	chr12	25684225	25686437	+	0.010209
Kidins220	MmuINT0086545	chr12	25686616	25687853	+	0.008388
Kidins220	MmuINT0086546	chr12	25688019	25688808	+	0.009201
Kidins220	MmuINT0086547	chr12	25688989	25689917	+	0.007218
Kidins220	MmuINT0086548	chr12	25690084	25692923	+	0.00971
Kidins220	MmuINT0086549	chr12	25693076	25693267	+	0.007931
Kidins220	MmuINT0086550	chr12	25693558	25694936	+	0.009036
Kidins220	MmuINT0086551	chr12	25695078	25695759	+	0.008068
Kidins220	MmuINT0086552	chr12	25696004	25696364	+	0.00706
Kidins220	MmuINT0086553	chr12	25667243	25671768	+	0.009205
Kidins220	MmuINT0086554	chr12	25696454	25698161	+	0.008435
Kidins220	MmuINT0086555	chr12	25698307	25701754	+	0.007261
Kidins220	MmuINT0086556	chr12	25701918	25721318	+	0.017662
Kidins220	MmuINT0086557	chr12	25721498	25723188	+	0.007021
Kidins220	MmuINT0086558	chr12	25723416	25725320	+	0.040309
Kidins220	MmuINT0086559	chr12	25725435	25726110	+	0.047896
Kidins220	MmuINT0086562	chr12	25732792	25735959	+	0.045591
Kidins220	MmuINT0086563	chr12	25736092	25737661	+	0.068282
Kidins220	MmuINT0086564	chr12	25671868	25673396	+	0.010349
Kidins220	MmuINT0086565	chr12	25737761	25738662	+	0.007879
Kidins220	MmuINT0086566	chr12	25738900	25741446	+	0.145784
Kidins220	MmuINT0086567	chr12	25673496	25674602	+	0.011122
Kidins220	MmuINT0086568	chr12	25674702	25675540	+	0.019257
Kidins220	MmuINT0086569	chr12	25675640	25677074	+	0.012307
Kidins220	MmuINT0086570	chr12	25677174	25679676	+	0.007425
Kidins220	MmuINT0086571	chr12	25679875	25682096	+	0.015657
Kidins220	MmuINT0086572	chr12	25682196	25683570	+	0.010039
Kif11	MmuINT0086573	chr19	37451158	37458729	+	0.022725
Kif11	MmuINT0086580	chr19	37484375	37485016	+	0.058942
Kif11	MmuINT0086583	chr19	37487834	37490979	+	0.042646
Kif11	MmuINT0086589	chr19	37461693	37461800	+	0.017567
Kif13a	MmuINT0086612	chr13	47024676	47024935	-	0.016269
Kif13a	MmuINT0086613	chr13	46910792	46911655	-	0.003384
Kif13a	MmuINT0086614	chr13	46909640	46910578	-	0.004861
Kif13a	MmuINT0086615	chr13	46908233	46909528	-	0.005536
Kif13a	MmuINT0086616	chr13	46906191	46908097	-	0.005643
Kif13a	MmuINT0086617	chr13	46904614	46906059	-	0.005054
Kif13a	MmuINT0086618	chr13	46904427	46904526	-	0.00473
Kif13a	MmuINT0086619	chr13	46898099	46904259	-	0.008708
Kif13a	MmuINT0086620	chr13	46896813	46897884	-	0.005749
Kif13a	MmuINT0086621	chr13	46894703	46896649	-	0.003381
Kif13a	MmuINT0086622	chr13	46893861	46894561	-	0.004037
Kif13a	MmuINT0086623	chr13	46960201	47024584	-	0.003958
Kif13a	MmuINT0086624	chr13	46889422	46893710	-	0.003579
Kif13a	MmuINT0086625	chr13	46886877	46889259	-	0.004
Kif13a	MmuINT0086626	chr13	46883579	46886702	-	0.003392
Kif13a	MmuINT0086627	chr13	46882015	46883426	-	0.00437
Kif13a	MmuINT0086628	chr13	46880762	46881881	-	0.00367
Kif13a	MmuINT0086630	chr13	46872583	46874262	-	0.003014
Kif13a	MmuINT0086631	chr13	46870828	46872455	-	0.005378

Kif13a	MmuINT0086632	chr13	46869078	46870771	-	0.008275
Kif13a	MmuINT0086633	chr13	46868317	46868952	-	0.004203
Kif13a	MmuINT0086634	chr13	46943756	46960187	-	0.004288
Kif13a	MmuINT0086635	chr13	46866968	46868139	-	0.003882
Kif13a	MmuINT0086636	chr13	46866739	46866874	-	0.005177
Kif13a	MmuINT0086637	chr13	46864601	46866585	-	0.003684
Kif13a	MmuINT0086638	chr13	46860017	46864522	-	0.010911
Kif13a	MmuINT0086639	chr13	46858823	46859968	-	0.00541
Kif13a	MmuINT0086640	chr13	46856794	46858716	-	0.008865
Kif13a	MmuINT0086641	chr13	46848242	46856641	-	0.012142
Kif13a	MmuINT0086642	chr13	46845996	46847449	-	0.036506
Kif13a	MmuINT0086643	chr13	46928186	46943694	-	0.005816
Kif13a	MmuINT0086644	chr13	46926344	46928092	-	0.004679
Kif13a	MmuINT0086645	chr13	46922150	46926162	-	0.004397
Kif13a	MmuINT0086646	chr13	46920710	46922061	-	0.005614
Kif13a	MmuINT0086647	chr13	46919431	46920574	-	0.003792
Kif13a	MmuINT0086648	chr13	46911768	46919317	-	0.007062
Kif13b	MmuINT0086653	chr14	65357479	65361143	+	0.055357
Kif13b	MmuINT0086657	chr14	65365977	65367282	+	0.13245
Kif13b	MmuINT0086660	chr14	65288555	65327328	+	0.04667
Kif13b	MmuINT0086661	chr14	65370493	65370804	+	0.028442
Kif13b	MmuINT0086662	chr14	65370934	65376250	+	0.036132
Kif13b	MmuINT0086663	chr14	65376422	65377387	+	0.073301
Kif13b	MmuINT0086665	chr14	65379639	65383839	+	0.054806
Kif13b	MmuINT0086666	chr14	65383987	65384547	+	0.022644
Kif13b	MmuINT0086671	chr14	65327342	65332910	+	0.048013
Kif13b	MmuINT0086674	chr14	65395167	65398150	+	0.060305
Kif13b	MmuINT0086678	chr14	65407357	65408401	+	0.032166
Kif13b	MmuINT0086679	chr14	65408536	65419181	+	0.056356
Kif13b	MmuINT0086681	chr14	65422568	65424867	+	0.051004
Kif16b	MmuINT0086751	chr2	1.43E+08	1.43E+08	-	0.012832
Kif16b	MmuINT0086752	chr2	1.43E+08	1.43E+08	-	0.009147
Kif16b	MmuINT0086753	chr2	1.43E+08	1.43E+08	-	0.01071
Kif16b	MmuINT0086754	chr2	1.43E+08	1.43E+08	-	0.010416
Kif16b	MmuINT0086755	chr2	1.43E+08	1.43E+08	-	0.012614
Kif16b	MmuINT0086756	chr2	1.43E+08	1.43E+08	-	0.009314
Kif16b	MmuINT0086757	chr2	1.43E+08	1.43E+08	-	0.006233
Kif16b	MmuINT0086758	chr2	1.43E+08	1.43E+08	-	0.00703
Kif16b	MmuINT0086759	chr2	1.43E+08	1.43E+08	-	0.018503
Kif16b	MmuINT0086760	chr2	1.43E+08	1.43E+08	-	0.005058
Kif16b	MmuINT0086761	chr2	1.43E+08	1.43E+08	-	0.005818
Kif16b	MmuINT0086762	chr2	1.43E+08	1.43E+08	-	0.008812
Kif16b	MmuINT0086763	chr2	1.43E+08	1.43E+08	-	0.007621
Kif16b	MmuINT0086764	chr2	1.43E+08	1.43E+08	-	0.01008
Kif16b	MmuINT0086765	chr2	1.43E+08	1.43E+08	-	0.011484
Kif16b	MmuINT0086766	chr2	1.42E+08	1.43E+08	-	0.00585
Kif16b	MmuINT0086767	chr2	1.42E+08	1.42E+08	-	0.007809
Kif16b	MmuINT0086768	chr2	1.42E+08	1.42E+08	-	0.005411
Kif16b	MmuINT0086769	chr2	1.43E+08	1.43E+08	-	0.007102
Kif16b	MmuINT0086770	chr2	1.43E+08	1.43E+08	-	0.007244

Kif16b	MmuINT0086773	chr2	1.43E+08	1.43E+08	-	0.005654
Kif16b	MmuINT0086774	chr2	1.43E+08	1.43E+08	-	0.006323
Kif16b	MmuINT0086775	chr2	1.43E+08	1.43E+08	-	0.005229
Kif1b	MmuINT0086891	chr4	1.49E+08	1.49E+08	-	0.008853
Kif1b	MmuINT0086892	chr4	1.49E+08	1.49E+08	-	0.006481
Kif1b	MmuINT0086893	chr4	1.49E+08	1.49E+08	-	0.004327
Kif1b	MmuINT0086894	chr4	1.49E+08	1.49E+08	-	0.844509
Kif1b	MmuINT0086895	chr4	1.49E+08	1.49E+08	-	0.006692
Kif1b	MmuINT0086896	chr4	1.49E+08	1.49E+08	-	0.00978
Kif1b	MmuINT0086897	chr4	1.49E+08	1.49E+08	-	0.006783
Kif1b	MmuINT0086898	chr4	1.49E+08	1.49E+08	-	0.006718
Kif1b	MmuINT0086899	chr4	1.49E+08	1.49E+08	-	0.004826
Kif1b	MmuINT0086900	chr4	1.49E+08	1.49E+08	-	0.005614
Kif1b	MmuINT0086901	chr4	1.49E+08	1.49E+08	-	0.003779
Kif1b	MmuINT0086902	chr4	1.49E+08	1.49E+08	-	0.004851
Kif1b	MmuINT0086904	chr4	1.49E+08	1.49E+08	-	0.009528
Kif1b	MmuINT0086906	chr4	1.49E+08	1.49E+08	-	0.007706
Kif1b	MmuINT0086908	chr4	1.49E+08	1.49E+08	-	0.062853
Kif1b	MmuINT0086909	chr4	1.49E+08	1.49E+08	-	0.011581
Kif1b	MmuINT0086910	chr4	1.49E+08	1.49E+08	-	0.009988
Kif1b	MmuINT0086911	chr4	1.49E+08	1.49E+08	-	0.007424
Kif1b	MmuINT0086912	chr4	1.49E+08	1.49E+08	-	0.02299
Kif1b	MmuINT0086913	chr4	1.49E+08	1.49E+08	-	0.003994
Kif1b	MmuINT0086914	chr4	1.49E+08	1.49E+08	-	0.013294
Kif1b	MmuINT0086915	chr4	1.49E+08	1.49E+08	-	0.007756
Kif1b	MmuINT0086916	chr4	1.49E+08	1.49E+08	-	0.017382
Kif1b	MmuINT0086917	chr4	1.49E+08	1.49E+08	-	0.012106
Kif1b	MmuINT0086918	chr4	1.49E+08	1.49E+08	-	0.019395
Kif1b	MmuINT0086919	chr4	1.49E+08	1.49E+08	-	0.020483
Kif1b	MmuINT0086920	chr4	1.49E+08	1.49E+08	-	0.02223
Kif1b	MmuINT0086921	chr4	1.49E+08	1.49E+08	-	0.01179
Kif1b	MmuINT0086922	chr4	1.49E+08	1.49E+08	-	0.010955
Kif1b	MmuINT0086923	chr4	1.49E+08	1.49E+08	-	0.008831
Kif1b	MmuINT0086924	chr4	1.49E+08	1.49E+08	-	0.00464
Kif1b	MmuINT0086925	chr4	1.49E+08	1.49E+08	-	0.011696
Kif1b	MmuINT0086926	chr4	1.49E+08	1.49E+08	-	0.008055
Kif1b	MmuINT0086927	chr4	1.49E+08	1.49E+08	-	0.009399
Kif1b	MmuINT0086928	chr4	1.49E+08	1.49E+08	-	0.006434
Kif1b	MmuINT0086929	chr4	1.49E+08	1.49E+08	-	0.006411
Kif1b	MmuINT0086930	chr4	1.49E+08	1.49E+08	-	0.009449
Kif1b	MmuINT0086931	chr4	1.49E+08	1.49E+08	-	0.020482
Kif1b	MmuINT0086932	chr4	1.49E+08	1.49E+08	-	0.004857
Kif1b	MmuINT0086933	chr4	1.49E+08	1.49E+08	-	0.004279
Kif1b	MmuINT0086934	chr4	1.49E+08	1.49E+08	-	0.004303
Kif1b	MmuINT0086935	chr4	1.49E+08	1.49E+08	-	0.008796
Kif1b	MmuINT0086936	chr4	1.49E+08	1.49E+08	-	0.007963
Kif1c	MmuINT0086937	chr11	70514212	70515873	+	0.08753
Kif1c	MmuINT0086938	chr11	70519468	70519554	+	0.0012
Kif1c	MmuINT0086939	chr11	70519631	70520182	+	0.000501
Kif1c	MmuINT0086940	chr11	70520262	70520442	+	0.000366

Kif1c	MmuINT0086941	chr11	70520589	70521943	+	0.002678
Kif1c	MmuINT0086942	chr11	70522114	70522280	+	0.000574
Kif1c	MmuINT0086943	chr11	70522361	70522452	+	0.000482
Kif1c	MmuINT0086944	chr11	70522529	70530920	+	0.000728
Kif1c	MmuINT0086945	chr11	70531001	70532500	+	0.000501
Kif1c	MmuINT0086946	chr11	70532596	70537549	+	0.004234
Kif1c	MmuINT0086947	chr11	70537634	70538323	+	0.002053
Kif1c	MmuINT0086948	chr11	70516054	70516273	+	0.007551
Kif1c	MmuINT0086949	chr11	70538511	70538605	+	0.000424
Kif1c	MmuINT0086950	chr11	70538679	70539389	+	0.015272
Kif1c	MmuINT0086951	chr11	70540005	70541703	+	0.00071
Kif1c	MmuINT0086952	chr11	70516408	70516769	+	0.000643
Kif1c	MmuINT0086953	chr11	70516847	70517200	+	0.001344
Kif1c	MmuINT0086954	chr11	70517381	70517959	+	0.000956
Kif1c	MmuINT0086955	chr11	70518026	70518400	+	0.000674
Kif1c	MmuINT0086956	chr11	70518580	70518671	+	0.000614
Kif1c	MmuINT0086957	chr11	70518784	70519182	+	0.000572
Kif1c	MmuINT0086958	chr11	70519261	70519401	+	0.000791
Kif20a	MmuINT0086963	chr18	34789245	34789655	+	0.42964
Kif20a	MmuINT0086965	chr18	34790081	34790175	+	0.179982
Kif20a	MmuINT0086966	chr18	34790279	34790799	+	0.694813
Kif20a	MmuINT0086967	chr18	34790996	34791174	+	0.473847
Kif20a	MmuINT0086968	chr18	34791718	34791954	+	0.498694
Kif20a	MmuINT0086974	chr18	34787837	34788038	+	0.062157
Kif21a	MmuINT0087008	chr15	90828487	90880089	-	0.038561
Kif21a	MmuINT0087009	chr15	90811430	90815164	-	0.019589
Kif21a	MmuINT0087012	chr15	90802220	90803055	-	0.018212
Kif21a	MmuINT0087013	chr15	90801703	90802095	-	0.01153
Kif21a	MmuINT0087014	chr15	90801310	90801513	-	0.011519
Kif21a	MmuINT0087015	chr15	90800317	90801109	-	0.012928
Kif21a	MmuINT0087016	chr15	90799263	90800208	-	0.021115
Kif21a	MmuINT0087017	chr15	90799003	90799193	-	0.017689
Kif21a	MmuINT0087018	chr15	90798646	90798787	-	0.013458
Kif21a	MmuINT0087019	chr15	90828157	90828263	-	0.016913
Kif21a	MmuINT0087020	chr15	90797822	90798491	-	0.009322
Kif21a	MmuINT0087021	chr15	90796870	90797626	-	0.015498
Kif21a	MmuINT0087022	chr15	90796064	90796767	-	0.018167
Kif21a	MmuINT0087023	chr15	90795427	90795897	-	0.007043
Kif21a	MmuINT0087024	chr15	90790180	90795405	-	0.014805
Kif21a	MmuINT0087025	chr15	90789563	90790118	-	0.022209
Kif21a	MmuINT0087026	chr15	90786941	90789507	-	0.01331
Kif21a	MmuINT0087027	chr15	90783250	90786725	-	0.061076
Kif21a	MmuINT0087030	chr15	90826065	90827973	-	0.025338
Kif21a	MmuINT0087031	chr15	90774333	90779436	-	0.046904
Kif21a	MmuINT0087032	chr15	90772726	90774195	-	0.016847
Kif21a	MmuINT0087033	chr15	90771027	90772544	-	0.024872
Kif21a	MmuINT0087034	chr15	90769534	90770861	-	0.011559
Kif21a	MmuINT0087035	chr15	90767763	90769415	-	0.010811
Kif21a	MmuINT0087036	chr15	90766266	90767591	-	0.016291
Kif21a	MmuINT0087037	chr15	90764975	90766065	-	0.008827



Kif21a	MmulNT0087038	chr15	90824907	90825914	-	0.028662
Kif21a	MmulNT0087039	chr15	90824300	90824771	-	0.013669
Kif21a	MmulNT0087040	chr15	90822257	90824131	-	0.025786
Kif21a	MmulNT0087041	chr15	90816412	90822140	-	0.013666
Kif21a	MmulNT0087042	chr15	90815863	90816215	-	0.015273
Kif21a	MmulNT0087043	chr15	90815229	90815672	-	0.020839
Kif22	MmulNT0087097	chr7	1.34E+08	1.34E+08	-	0.106761
Kif23	MmulNT0087103	chr9	61773495	61774166	-	0.058643
Kif23	MmulNT0087104	chr9	61772951	61773336	-	0.065681
Kif26a	MmulNT0087132	chr12	1.13E+08	1.13E+08	+	0.085239
Kif26a	MmulNT0087133	chr12	1.13E+08	1.13E+08	+	0.028128
Kif26a	MmulNT0087134	chr12	1.13E+08	1.13E+08	+	0.034979
Kif26a	MmulNT0087135	chr12	1.13E+08	1.13E+08	+	0.02812
Kif26a	MmulNT0087136	chr12	1.13E+08	1.13E+08	+	0.037408
Kif26a	MmulNT0087137	chr12	1.13E+08	1.13E+08	+	0.10063
Kif26a	MmulNT0087138	chr12	1.13E+08	1.13E+08	+	0.03932
Kif26a	MmulNT0087139	chr12	1.13E+08	1.13E+08	+	0.034502
Kif26a	MmulNT0087140	chr12	1.13E+08	1.13E+08	+	0.040302
Kif26a	MmulNT0087143	chr12	1.13E+08	1.13E+08	+	0.043533
Kif26a	MmulNT0087144	chr12	1.13E+08	1.13E+08	+	0.057754
Kif26a	MmulNT0087145	chr12	1.13E+08	1.13E+08	+	0.044523
Kif26a	MmulNT0087146	chr12	1.13E+08	1.13E+08	+	0.053965
Kif26b	MmulNT0087152	chr1	1.81E+08	1.81E+08	+	0.068237
Kif2a	MmulNT0087177	chr13	1.08E+08	1.08E+08	-	0.039336
Kif2a	MmulNT0087178	chr13	1.08E+08	1.08E+08	-	0.038699
Kif2a	MmulNT0087179	chr13	1.08E+08	1.08E+08	-	0.025253
Kif2a	MmulNT0087180	chr13	1.08E+08	1.08E+08	-	0.025895
Kif2a	MmulNT0087181	chr13	1.08E+08	1.08E+08	-	0.014238
Kif2a	MmulNT0087182	chr13	1.08E+08	1.08E+08	-	0.017426
Kif2a	MmulNT0087183	chr13	1.08E+08	1.08E+08	-	0.01975
Kif2a	MmulNT0087184	chr13	1.08E+08	1.08E+08	-	0.034007
Kif2a	MmulNT0087185	chr13	1.08E+08	1.08E+08	-	0.018521
Kif2a	MmulNT0087186	chr13	1.08E+08	1.08E+08	-	0.013141
Kif2a	MmulNT0087187	chr13	1.08E+08	1.08E+08	-	0.015283
Kif2a	MmulNT0087188	chr13	1.08E+08	1.08E+08	-	0.018449
Kif2a	MmulNT0087189	chr13	1.08E+08	1.08E+08	-	0.019895
Kif2a	MmulNT0087190	chr13	1.08E+08	1.08E+08	-	0.048671
Kif2a	MmulNT0087191	chr13	1.08E+08	1.08E+08	-	0.05408
Kif2a	MmulNT0087192	chr13	1.08E+08	1.08E+08	-	0.017116
Kif2a	MmulNT0087193	chr13	1.08E+08	1.08E+08	-	0.023633
Kif2a	MmulNT0087194	chr13	1.08E+08	1.08E+08	-	0.020955
Kif2a	MmulNT0087195	chr13	1.08E+08	1.08E+08	-	0.021267
Kif2c	MmulNT0087204	chr4	1.17E+08	1.17E+08	-	0.019324
Kif3a	MmulNT0087219	chr11	53381034	53384037	+	0.015514
Kif3a	MmulNT0087220	chr11	53404228	53406875	+	0.16949
Kif3a	MmulNT0087221	chr11	53407033	53407420	+	0.018951
Kif3a	MmulNT0087222	chr11	53407602	53407778	+	0.013115
Kif3a	MmulNT0087223	chr11	53407890	53408327	+	0.024698
Kif3a	MmulNT0087224	chr11	53408454	53411460	+	0.03099
Kif3a	MmulNT0087225	chr11	53411515	53411795	+	0.043782

Kif3a	MmulNT0087226	chr11	53411865	53412208	+	0.020397
Kif3a	MmulNT0087227	chr11	53412334	53414512	+	0.057659
Kif3a	MmulNT0087228	chr11	53384312	53392345	+	0.014838
Kif3a	MmulNT0087229	chr11	53392491	53392601	+	0.025276
Kif3a	MmulNT0087230	chr11	53392687	53393229	+	0.032268
Kif3a	MmulNT0087231	chr11	53393336	53396728	+	0.021486
Kif3a	MmulNT0087232	chr11	53396869	53397316	+	0.020696
Kif3a	MmulNT0087233	chr11	53397515	53397772	+	0.015581
Kif3a	MmulNT0087234	chr11	53397948	53400336	+	0.021718
Kif3b	MmulNT0087236	chr2	1.53E+08	1.53E+08	+	0.042561
Kif3b	MmulNT0087237	chr2	1.53E+08	1.53E+08	+	0.025865
Kif3b	MmulNT0087238	chr2	1.53E+08	1.53E+08	+	0.030398
Kif3b	MmulNT0087239	chr2	1.53E+08	1.53E+08	+	0.029295
Kif3b	MmulNT0087240	chr2	1.53E+08	1.53E+08	+	0.046153
Kif3b	MmulNT0087241	chr2	1.53E+08	1.53E+08	+	0.051989
Kif3b	MmulNT0087242	chr2	1.53E+08	1.53E+08	+	0.061671
Kif3b	MmulNT0087243	chr2	1.53E+08	1.53E+08	+	0.033406
Kif3c	MmulNT0087244	chr12	3367532	3387551	+	0.046486
Kif3c	MmulNT0087245	chr12	3387654	3388134	+	0.038789
Kif3c	MmulNT0087246	chr12	3388258	3389622	+	0.040089
Kif3c	MmulNT0087247	chr12	3389742	3390437	+	0.058633
Kif3c	MmulNT0087248	chr12	3390555	3401682	+	0.067228
Kif3c	MmulNT0087249	chr12	3401792	3402433	+	0.043082
Kif3c	MmulNT0087250	chr12	3402607	3402788	+	0.036808
Kif5b	MmulNT0087307	chr18	6234901	6240979	-	0.005476
Kif5b	MmulNT0087308	chr18	6222866	6223543	-	0.007425
Kif5b	MmulNT0087309	chr18	6220994	6222716	-	0.00283
Kif5b	MmulNT0087310	chr18	6220291	6220799	-	0.00211
Kif5b	MmulNT0087311	chr18	6216946	6220221	-	0.002943
Kif5b	MmulNT0087312	chr18	6216365	6216738	-	0.004625
Kif5b	MmulNT0087313	chr18	6214699	6216220	-	0.002337
Kif5b	MmulNT0087314	chr18	6214086	6214509	-	0.002243
Kif5b	MmulNT0087315	chr18	6213453	6213967	-	0.005543
Kif5b	MmulNT0087316	chr18	6213295	6213390	-	0.002884
Kif5b	MmulNT0087317	chr18	6212617	6213184	-	0.002217
Kif5b	MmulNT0087318	chr18	6227660	6234812	-	0.003085
Kif5b	MmulNT0087319	chr18	6211251	6212514	-	0.002877
Kif5b	MmulNT0087320	chr18	6211094	6211189	-	0.003443
Kif5b	MmulNT0087321	chr18	6210803	6211021	-	0.005848
Kif5b	MmulNT0087322	chr18	6209215	6210697	-	0.003697
Kif5b	MmulNT0087323	chr18	6208334	6208997	-	0.001479
Kif5b	MmulNT0087324	chr18	6203706	6208184	-	0.009596
Kif5b	MmulNT0087325	chr18	6226967	6227585	-	0.003805
Kif5b	MmulNT0087326	chr18	6226429	6226861	-	0.00514
Kif5b	MmulNT0087327	chr18	6225822	6226379	-	0.006177
Kif5b	MmulNT0087328	chr18	6225683	6225765	-	0.004576
Kif5b	MmulNT0087329	chr18	6225441	6225594	-	0.002637
Kif5b	MmulNT0087330	chr18	6224074	6225315	-	0.003255
Kif5b	MmulNT0087331	chr18	6223690	6223968	-	0.002383
Kif6	MmulNT0087359	chr17	49893253	49894425	+	0.046951

Kif7	MmuINT0087386	chr7	86844183	86844272	-	0.061191
Kif7	MmuINT0087387	chr7	86843802	86844035	-	0.056696
Kifap3	MmuINT0087417	chr1	1.66E+08	1.66E+08	+	0.012825
Kifap3	MmuINT0087418	chr1	1.66E+08	1.66E+08	+	0.01125
Kifap3	MmuINT0087419	chr1	1.66E+08	1.66E+08	+	0.018156
Kifap3	MmuINT0087420	chr1	1.66E+08	1.66E+08	+	0.015186
Kifap3	MmuINT0087421	chr1	1.66E+08	1.66E+08	+	0.008082
Kifap3	MmuINT0087422	chr1	1.66E+08	1.66E+08	+	0.0097
Kifap3	MmuINT0087423	chr1	1.66E+08	1.66E+08	+	0.016062
Kifap3	MmuINT0087424	chr1	1.66E+08	1.66E+08	+	0.018935
Kifap3	MmuINT0087425	chr1	1.66E+08	1.66E+08	+	0.008869
Kifap3	MmuINT0087426	chr1	1.66E+08	1.66E+08	+	0.013204
Kifap3	MmuINT0087427	chr1	1.66E+08	1.66E+08	+	0.039243
Kifap3	MmuINT0087428	chr1	1.66E+08	1.66E+08	+	0.013779
Kifap3	MmuINT0087429	chr1	1.66E+08	1.66E+08	+	0.025983
Kifap3	MmuINT0087430	chr1	1.66E+08	1.66E+08	+	0.011811
Kifap3	MmuINT0087431	chr1	1.66E+08	1.66E+08	+	0.012066
Kifap3	MmuINT0087432	chr1	1.66E+08	1.66E+08	+	0.012102
Kifap3	MmuINT0087433	chr1	1.66E+08	1.66E+08	+	0.007791
Kifap3	MmuINT0087434	chr1	1.66E+08	1.66E+08	+	0.011667
Kifap3	MmuINT0087435	chr1	1.66E+08	1.66E+08	+	0.009225
Kifap3	MmuINT0087436	chr1	1.66E+08	1.66E+08	+	0.011415
Kifc1	MmuINT0087437	chr17	34023847	34027422	-	0.029954
Kifc2	MmuINT0087448	chr15	76493514	76494500	+	0.030315
Kifc2	MmuINT0087449	chr15	76494610	76494711	+	0.031329
Kifc2	MmuINT0087450	chr15	76494876	76496458	+	0.128114
Kifc2	MmuINT0087451	chr15	76496564	76496658	+	0.11479
Kifc2	MmuINT0087452	chr15	76496781	76496876	+	0.146413
Kifc2	MmuINT0087453	chr15	76497001	76497092	+	0.076563
Kifc2	MmuINT0087454	chr15	76497223	76497304	+	0.086017
Kifc2	MmuINT0087455	chr15	76497562	76497633	+	0.052415
Kifc2	MmuINT0087457	chr15	76491815	76491909	+	0.053559
Kifc2	MmuINT0087458	chr15	76492049	76492156	+	0.11378
Kifc2	MmuINT0087459	chr15	76492303	76492375	+	0.079537
Kifc2	MmuINT0087460	chr15	76492442	76492530	+	0.083213
Kifc2	MmuINT0087461	chr15	76492660	76493024	+	0.053761
Kifc2	MmuINT0087462	chr15	76493103	76493211	+	0.608128
Kifc2	MmuINT0087463	chr15	76493327	76493403	+	0.068411
Kifc3	MmuINT0087467	chr8	97650608	97653095	-	0.015529
Kifc3	MmuINT0087470	chr8	97627926	97629619	-	0.015817
Kifc3	MmuINT0087471	chr8	97627435	97627794	-	0.005138
Kifc3	MmuINT0087472	chr8	97626693	97627310	-	0.013459
Kifc3	MmuINT0087473	chr8	97626477	97626562	-	0.008021
Kifc3	MmuINT0087474	chr8	97626047	97626246	-	0.045881
Kifc3	MmuINT0087475	chr8	97625418	97625911	-	0.010283
Kifc3	MmuINT0087476	chr8	97624574	97625308	-	0.009731
Kifc3	MmuINT0087477	chr8	97624353	97624546	-	0.016887
Kifc3	MmuINT0087478	chr8	97634174	97634593	-	0.004271
Kifc3	MmuINT0087479	chr8	97633924	97634029	-	0.006634
Kifc3	MmuINT0087480	chr8	97633256	97633683	-	0.003309

Kifc3	MmuINT0087481	chr8	97632623	97633081	-	0.003062
Kifc3	MmuINT0087482	chr8	97632386	97632474	-	0.002398
Kifc3	MmuINT0087483	chr8	97631436	97632254	-	0.004243
Kifc3	MmuINT0087484	chr8	97629725	97630362	-	0.00492
Kifc3	MmuINT0087485	chr8	97662020	97666331	-	0.022621
Kifc3	MmuINT0087486	chr8	97658760	97661814	-	0.005538
Kin	MmuINT0087498	chr2	10002372	10007356	+	0.03223
Kin	MmuINT0087499	chr2	10007452	10011739	+	0.154218
Kin	MmuINT0087500	chr2	10011784	10011867	+	0.132297
Kin	MmuINT0087501	chr2	10011991	10013344	+	0.219163
Kit	MmuINT0087574	chr5	76042012	76043772	+	0.059637
Kit	MmuINT0087576	chr5	76044540	76045571	+	0.061703
Kit	MmuINT0087577	chr5	76045695	76048574	+	0.052332
Kit	MmuINT0087578	chr5	76048687	76048781	+	0.083781
Kit	MmuINT0087579	chr5	76048882	76049244	+	0.061816
Kitl	MmuINT0087588	chr10	99478670	99514479	+	0.027426
Kitl	MmuINT0087589	chr10	99514594	99526717	+	0.010756
Kitl	MmuINT0087590	chr10	99526781	99539368	+	0.008919
Kitl	MmuINT0087591	chr10	99539540	99542607	+	0.011723
Kitl	MmuINT0087592	chr10	99542765	99543490	+	0.023993
Kitl	MmuINT0087593	chr10	99543575	99549980	+	0.057319
Kitl	MmuINT0087594	chr10	99550091	99550786	+	0.056828
Kitl	MmuINT0087595	chr10	99550855	99551829	+	0.026514
Kitl	MmuINT0087596	chr10	99551906	99558651	+	0.019541
Klc1	MmuINT0087605	chr12	1.13E+08	1.13E+08	+	0.002323
Klc1	MmuINT0087606	chr12	1.13E+08	1.13E+08	+	0.005156
Klc1	MmuINT0087607	chr12	1.13E+08	1.13E+08	+	0.002358
Klc1	MmuINT0087608	chr12	1.13E+08	1.13E+08	+	0.477889
Klc1	MmuINT0087609	chr12	1.13E+08	1.13E+08	+	0.04398
Klc1	MmuINT0087610	chr12	1.13E+08	1.13E+08	+	0.019751
Klc1	MmuINT0087611	chr12	1.13E+08	1.13E+08	+	0.003377
Klc1	MmuINT0087612	chr12	1.13E+08	1.13E+08	+	0.002459
Klc1	MmuINT0087613	chr12	1.13E+08	1.13E+08	+	0.005864
Klc1	MmuINT0087614	chr12	1.13E+08	1.13E+08	+	0.013705
Klc1	MmuINT0087615	chr12	1.13E+08	1.13E+08	+	0.00719
Klc1	MmuINT0087616	chr12	1.13E+08	1.13E+08	+	0.009371
Klc1	MmuINT0087617	chr12	1.13E+08	1.13E+08	+	0.002954
Klc1	MmuINT0087618	chr12	1.13E+08	1.13E+08	+	0.003719
Klc2	MmuINT0087620	chr19	5117433	5118121	-	0.316885
Klc2	MmuINT0087621	chr19	5110265	5110366	-	0.013952
Klc2	MmuINT0087622	chr19	5109842	5110196	-	0.021348
Klc2	MmuINT0087623	chr19	5109643	5109732	-	0.009371
Klc2	MmuINT0087624	chr19	5109426	5109492	-	0.010548
Klc2	MmuINT0087625	chr19	5109161	5109300	-	0.006332
Klc2	MmuINT0087626	chr19	5108689	5109102	-	0.008442
Klc2	MmuINT0087627	chr19	5114172	5117193	-	0.014123
Klc2	MmuINT0087628	chr19	5113851	5113940	-	0.003802
Klc2	MmuINT0087629	chr19	5112941	5113780	-	0.010348
Klc2	MmuINT0087630	chr19	5111914	5112717	-	0.009464
Klc2	MmuINT0087631	chr19	5111721	5111825	-	0.00871

Klc2	MmuINT0087632	chr19	5111539	5111618	-	0.012346
Klc2	MmuINT0087633	chr19	5111238	5111364	-	0.026307
Klc2	MmuINT0087634	chr19	5110417	5111137	-	0.021246
Klc3	MmuINT0087636	chr7	19980517	19980587	-	0.984391
Klc3	MmuINT0087637	chr7	19980298	19980409	-	0.9911
Klc3	MmuINT0087638	chr7	19980071	19980233	-	0.99265
Klc3	MmuINT0087645	chr7	19980629	19980713	-	0.950045
Klc4	MmuINT0087646	chr17	46781462	46782029	-	0.087097
Klc4	MmuINT0087647	chr17	46772752	46772924	-	0.009711
Klc4	MmuINT0087648	chr17	46772468	46772680	-	0.007562
Klc4	MmuINT0087649	chr17	46769840	46772358	-	0.007167
Klc4	MmuINT0087650	chr17	46769098	46769698	-	0.007645
Klc4	MmuINT0087651	chr17	46768841	46768981	-	0.011699
Klc4	MmuINT0087652	chr17	46768023	46768776	-	0.013284
Klc4	MmuINT0087653	chr17	46779294	46781197	-	0.028967
Klc4	MmuINT0087654	chr17	46777654	46779062	-	0.007153
Klc4	MmuINT0087655	chr17	46777060	46777571	-	0.108555
Klc4	MmuINT0087656	chr17	46776432	46776839	-	0.024714
Klc4	MmuINT0087657	chr17	46773964	46776343	-	0.047468
Klc4	MmuINT0087658	chr17	46773743	46773861	-	0.033302
Klc4	MmuINT0087659	chr17	46773242	46773568	-	0.024952
Klc4	MmuINT0087660	chr17	46772978	46773141	-	0.015984
Klf10	MmuINT0087663	chr15	38227608	38230313	-	0.092748
Klf10	MmuINT0087664	chr15	38227283	38227376	-	0.027361
Klf10	MmuINT0087665	chr15	38225920	38226369	-	0.070388
Klf11	MmuINT0087666	chr12	25336432	25338423	+	0.034341
Klf11	MmuINT0087667	chr12	25338676	25339707	+	0.079012
Klf11	MmuINT0087668	chr12	25340642	25345047	+	0.054555
Klf13	MmuINT0087675	chr7	71036684	71082852	-	0.023339
Klf15	MmuINT0087676	chr6	90412720	90416413	+	0.078723
Klf15	MmuINT0087677	chr6	90417518	90424113	+	0.143984
Klf16	MmuINT0087678	chr10	80031968	80039491	-	0.041228
Klf2	MmuINT0087681	chr8	74843049	74843324	+	0.049936
Klf2	MmuINT0087682	chr8	74844142	74844642	+	0.026533
Klf3	MmuINT0087683	chr5	65195031	65207973	+	0.161493
Klf3	MmuINT0087684	chr5	65208070	65213112	+	0.017066
Klf3	MmuINT0087685	chr5	65213597	65214117	+	0.018546
Klf3	MmuINT0087686	chr5	65214269	65218348	+	0.039993
Klf3	MmuINT0087687	chr5	65218510	65220215	+	0.016947
Klf4	MmuINT0087688	chr4	55544623	55544738	-	0.024399
Klf4	MmuINT0087689	chr4	55543856	55544501	-	0.060393
Klf4	MmuINT0087690	chr4	55542755	55542870	-	0.015304
Klf6	MmuINT0087695	chr13	5861089	5864013	+	0.008366
Klf6	MmuINT0087696	chr13	5864591	5865884	+	0.015199
Klf6	MmuINT0087697	chr13	5866009	5866477	+	0.031003
Klf7	MmuINT0087698	chr1	64125909	64167473	-	0.027368
Klf7	MmuINT0087699	chr1	64089012	64125280	-	0.04097
Klf7	MmuINT0087700	chr1	64082339	64088887	-	0.055834
Klf9	MmuINT0087707	chr19	23216750	23239172	+	0.010648
Klhdc1	MmuINT0087709	chr12	70364209	70369228	+	0.019898

Klhdc1	MmuINT0087710	chr12	70369314	70370812	+	0.010035
Klhdc1	MmuINT0087711	chr12	70370866	70384119	+	0.01089
Klhdc1	MmuINT0087712	chr12	70351811	70352357	+	0.008236
Klhdc1	MmuINT0087713	chr12	70352476	70352914	+	0.010004
Klhdc1	MmuINT0087714	chr12	70353034	70354678	+	0.00728
Klhdc1	MmuINT0087716	chr12	70357246	70359009	+	0.015083
Klhdc1	MmuINT0087717	chr12	70359094	70359555	+	0.01949
Klhdc1	MmuINT0087719	chr12	70360601	70364135	+	0.015512
Klhdc10	MmuINT0087722	chr6	30389866	30391776	+	0.006606
Klhdc10	MmuINT0087723	chr6	30391932	30394426	+	0.016416
Klhdc10	MmuINT0087724	chr6	30394576	30396617	+	0.003641
Klhdc10	MmuINT0087725	chr6	30396703	30397410	+	0.021443
Klhdc10	MmuINT0087726	chr6	30397478	30397940	+	0.024022
Klhdc10	MmuINT0087727	chr6	30397989	30399490	+	0.04602
Klhdc10	MmuINT0087728	chr6	30399631	30400486	+	0.009046
Klhdc2	MmuINT0087729	chr12	70398135	70401202	+	0.003963
Klhdc2	MmuINT0087730	chr12	70408678	70409944	+	0.00948
Klhdc2	MmuINT0087731	chr12	70410033	70410973	+	0.006768
Klhdc2	MmuINT0087732	chr12	70411027	70411139	+	0.004003
Klhdc2	MmuINT0087733	chr12	70401283	70403310	+	0.005781
Klhdc2	MmuINT0087734	chr12	70403429	70404520	+	0.002973
Klhdc2	MmuINT0087735	chr12	70404637	70404867	+	0.003108
Klhdc2	MmuINT0087736	chr12	70404950	70405530	+	0.002477
Klhdc2	MmuINT0087737	chr12	70405615	70406614	+	0.00377
Klhdc2	MmuINT0087738	chr12	70406696	70406769	+	0.014735
Klhdc2	MmuINT0087739	chr12	70406829	70408176	+	0.006883
Klhdc2	MmuINT0087740	chr12	70408287	70408604	+	0.002339
Klhdc3	MmuINT0087741	chr17	46815443	46817650	-	0.262195
Klhdc3	MmuINT0087742	chr17	46812102	46813264	-	0.043258
Klhdc3	MmuINT0087743	chr17	46815058	46815229	-	0.016352
Klhdc3	MmuINT0087744	chr17	46814750	46814880	-	0.018187
Klhdc3	MmuINT0087745	chr17	46814449	46814633	-	0.018438
Klhdc3	MmuINT0087746	chr17	46814268	46814376	-	0.033974
Klhdc3	MmuINT0087747	chr17	46813980	46814053	-	0.019499
Klhdc3	MmuINT0087748	chr17	46813755	46813892	-	0.023044
Klhdc3	MmuINT0087749	chr17	46813527	46813645	-	0.029715
Klhdc3	MmuINT0087750	chr17	46813344	46813452	-	0.004681
Klhdc4	MmuINT0087753	chr8	1.24E+08	1.24E+08	-	0.018804
Klhdc4	MmuINT0087754	chr8	1.24E+08	1.24E+08	-	0.083804
Klhdc4	MmuINT0087755	chr8	1.24E+08	1.24E+08	-	0.006312
Klhdc4	MmuINT0087756	chr8	1.24E+08	1.24E+08	-	0.026849
Klhdc4	MmuINT0087757	chr8	1.24E+08	1.24E+08	-	0.020274
Klhdc4	MmuINT0087758	chr8	1.24E+08	1.24E+08	-	0.018942
Klhdc4	MmuINT0087759	chr8	1.24E+08	1.24E+08	-	0.012543
Klhdc4	MmuINT0087762	chr8	1.24E+08	1.24E+08	-	0.015413
Klhdc4	MmuINT0087763	chr8	1.24E+08	1.24E+08	-	0.014835
Klhdc8a	MmuINT0087766	chr1	1.34E+08	1.34E+08	+	0.005054
Klhdc8a	MmuINT0087767	chr1	1.34E+08	1.34E+08	+	0.004036
Klhdc8a	MmuINT0087769	chr1	1.34E+08	1.34E+08	+	0.005756
Klhdc8b	MmuINT0087771	chr9	1.08E+08	1.08E+08	-	0.029935

Klhdc8b	MmuINT0087776	chr9	1.08E+08	1.08E+08	-	0.020066
Klhdc8b	MmuINT0087777	chr9	1.08E+08	1.08E+08	-	0.183282
Klhdc8b	MmuINT0087778	chr9	1.08E+08	1.08E+08	-	0.034925
Klhdc8b	MmuINT0087779	chr9	1.08E+08	1.08E+08	-	0.012879
Klhl12	MmuINT0087800	chr1	1.36E+08	1.36E+08	+	0.013032
Klhl12	MmuINT0087801	chr1	1.36E+08	1.36E+08	+	0.015261
Klhl12	MmuINT0087802	chr1	1.36E+08	1.36E+08	+	0.006998
Klhl12	MmuINT0087803	chr1	1.36E+08	1.36E+08	+	0.024728
Klhl12	MmuINT0087804	chr1	1.36E+08	1.36E+08	+	0.022382
Klhl12	MmuINT0087805	chr1	1.36E+08	1.36E+08	+	0.011759
Klhl12	MmuINT0087806	chr1	1.36E+08	1.36E+08	+	0.008694
Klhl12	MmuINT0087807	chr1	1.36E+08	1.36E+08	+	0.007811
Klhl12	MmuINT0087808	chr1	1.36E+08	1.36E+08	+	0.025729
Klhl13	MmuINT0087812	chrX	22825371	22838560	-	0.022481
Klhl13	MmuINT0087813	chrX	22824684	22825237	-	0.019249
Klhl13	MmuINT0087814	chrX	22813148	22824486	-	0.014685
Klhl13	MmuINT0087815	chrX	22805814	22812351	-	0.014554
Klhl13	MmuINT0087816	chrX	22797979	22805699	-	0.018455
Klhl17	MmuINT0087829	chr4	1.56E+08	1.56E+08	-	0.163949
Klhl17	MmuINT0087830	chr4	1.56E+08	1.56E+08	-	0.310471
Klhl17	MmuINT0087831	chr4	1.56E+08	1.56E+08	-	0.079525
Klhl17	MmuINT0087832	chr4	1.56E+08	1.56E+08	-	0.04218
Klhl17	MmuINT0087833	chr4	1.56E+08	1.56E+08	-	0.29222
Klhl17	MmuINT0087834	chr4	1.56E+08	1.56E+08	-	0.037186
Klhl17	MmuINT0087835	chr4	1.56E+08	1.56E+08	-	0.013144
Klhl17	MmuINT0087836	chr4	1.56E+08	1.56E+08	-	0.075074
Klhl17	MmuINT0087837	chr4	1.56E+08	1.56E+08	-	0.083017
Klhl17	MmuINT0087838	chr4	1.56E+08	1.56E+08	-	0.211833
Klhl18	MmuINT0087839	chr9	1.1E+08	1.1E+08	-	0.022438
Klhl18	MmuINT0087840	chr9	1.1E+08	1.1E+08	-	0.023924
Klhl18	MmuINT0087841	chr9	1.1E+08	1.1E+08	-	0.043222
Klhl18	MmuINT0087842	chr9	1.1E+08	1.1E+08	-	0.025532
Klhl18	MmuINT0087843	chr9	1.1E+08	1.1E+08	-	0.025612
Klhl18	MmuINT0087844	chr9	1.1E+08	1.1E+08	-	0.205507
Klhl18	MmuINT0087845	chr9	1.1E+08	1.1E+08	-	0.051452
Klhl18	MmuINT0087847	chr9	1.1E+08	1.1E+08	-	0.035393
Klhl2	MmuINT0087848	chr8	67358468	67373530	-	0.027423
Klhl2	MmuINT0087849	chr8	67230628	67231445	-	0.026314
Klhl2	MmuINT0087850	chr8	67228621	67230525	-	0.022183
Klhl2	MmuINT0087851	chr8	67227970	67228491	-	0.048368
Klhl2	MmuINT0087852	chr8	67221896	67227828	-	0.036628
Klhl2	MmuINT0087853	chr8	67219772	67221751	-	0.031721
Klhl2	MmuINT0087854	chr8	67346998	67358341	-	0.019399
Klhl2	MmuINT0087855	chr8	67335702	67346890	-	0.012326
Klhl2	MmuINT0087856	chr8	67258658	67335579	-	0.015532
Klhl2	MmuINT0087857	chr8	67243030	67258494	-	0.020881
Klhl2	MmuINT0087858	chr8	67238647	67242919	-	0.014182
Klhl2	MmuINT0087859	chr8	67237039	67238529	-	0.020935
Klhl2	MmuINT0087860	chr8	67233200	67236888	-	0.03496
Klhl2	MmuINT0087861	chr8	67231644	67233081	-	0.016493

KIhl20	MmuINT0087862	chr1	1.63E+08	1.63E+08	-	0.035947
KIhl20	MmuINT0087863	chr1	1.63E+08	1.63E+08	-	0.024597
KIhl20	MmuINT0087864	chr1	1.63E+08	1.63E+08	-	0.098582
KIhl20	MmuINT0087865	chr1	1.63E+08	1.63E+08	-	0.027799
KIhl20	MmuINT0087866	chr1	1.63E+08	1.63E+08	-	0.028148
KIhl20	MmuINT0087867	chr1	1.63E+08	1.63E+08	-	0.02286
KIhl20	MmuINT0087868	chr1	1.63E+08	1.63E+08	-	0.026763
KIhl20	MmuINT0087869	chr1	1.63E+08	1.63E+08	-	0.020326
KIhl20	MmuINT0087870	chr1	1.63E+08	1.63E+08	-	0.02307
KIhl20	MmuINT0087871	chr1	1.63E+08	1.63E+08	-	0.070755
KIhl20	MmuINT0087872	chr1	1.63E+08	1.63E+08	-	0.0189
KIhl21	MmuINT0087873	chr4	1.51E+08	1.51E+08	+	0.007728
KIhl21	MmuINT0087874	chr4	1.51E+08	1.51E+08	+	0.016
KIhl21	MmuINT0087875	chr4	1.51E+08	1.51E+08	+	0.01066
KIhl22	MmuINT0087877	chr16	17764740	17771796	+	0.012244
KIhl22	MmuINT0087878	chr16	17771963	17776494	+	0.015675
KIhl22	MmuINT0087879	chr16	17777214	17784295	+	0.025211
KIhl22	MmuINT0087880	chr16	17784489	17789229	+	0.012811
KIhl22	MmuINT0087881	chr16	17789464	17792518	+	0.073579
KIhl23	MmuINT0087883	chr2	69663058	69666902	+	0.014362
KIhl23	MmuINT0087884	chr2	69667056	69671731	+	0.005268
KIhl24	MmuINT0087885	chr16	20097745	20102064	+	0.077485
KIhl24	MmuINT0087886	chr16	20102128	20106735	+	0.011102
KIhl24	MmuINT0087887	chr16	20107717	20114633	+	0.002653
KIhl24	MmuINT0087888	chr16	20114819	20115956	+	0.004444
KIhl24	MmuINT0087889	chr16	20116076	20117940	+	0.011204
KIhl24	MmuINT0087890	chr16	20118130	20120182	+	0.002943
KIhl24	MmuINT0087891	chr16	20120372	20122978	+	0.014742
KIhl26	MmuINT0087893	chr8	72979548	73000748	-	0.104948
KIhl26	MmuINT0087894	chr8	72976919	72979364	-	0.206928
KIhl28	MmuINT0087895	chr12	66058725	66066395	-	0.037228
KIhl28	MmuINT0087896	chr12	66052807	66057825	-	0.192312
KIhl28	MmuINT0087897	chr12	66051210	66052362	-	0.021105
KIhl28	MmuINT0087898	chr12	66044601	66051000	-	0.061226
KIhl30	MmuINT0087928	chr1	93247713	93250182	+	0.00369
KIhl30	MmuINT0087929	chr1	93251030	93252028	+	0.003177
KIhl30	MmuINT0087930	chr1	93252165	93253910	+	0.004277
KIhl30	MmuINT0087931	chr1	93253998	93254331	+	0.009359
KIhl30	MmuINT0087932	chr1	93254488	93255364	+	0.048796
KIhl30	MmuINT0087933	chr1	93255554	93255912	+	0.004978
KIhl30	MmuINT0087934	chr1	93256059	93257585	+	0.004796
KIhl31	MmuINT0087935	chr9	77484595	77497777	+	0.004332
KIhl31	MmuINT0087936	chr9	77498983	77502933	+	0.00611
KIhl32	MmuINT0087940	chr4	24719945	24727952	-	0.714453
KIhl32	MmuINT0087947	chr4	24554139	24556306	-	0.033557
KIhl36	MmuINT0087956	chr8	1.22E+08	1.22E+08	+	0.066766
KIhl36	MmuINT0087959	chr8	1.22E+08	1.22E+08	+	0.075627
KIhl38	MmuINT0087960	chr15	58154888	58155513	-	0.004175
KIhl38	MmuINT0087961	chr15	58147888	58153536	-	0.050798
KIhl38	MmuINT0087962	chr15	58146672	58147781	-	0.004352



Klhl4	MmuINT0087972	chrX	1.12E+08	1.12E+08	+	0.135642
Klhl5	MmuINT0087974	chr5	65555942	65558209	+	0.02782
Klhl5	MmuINT0087975	chr5	65532682	65534477	+	0.021016
Klhl5	MmuINT0087976	chr5	65534615	65535797	+	0.019673
Klhl5	MmuINT0087977	chr5	65535995	65539827	+	0.020802
Klhl5	MmuINT0087978	chr5	65540041	65547293	+	0.026956
Klhl5	MmuINT0087979	chr5	65547481	65550022	+	0.187108
Klhl5	MmuINT0087980	chr5	65550248	65552280	+	0.015609
Klhl5	MmuINT0087981	chr5	65552444	65554028	+	0.027532
Klhl5	MmuINT0087982	chr5	65554242	65555769	+	0.032718
Klhl6	MmuINT0087983	chr16	19966194	19982789	-	0.051333
Klhl6	MmuINT0087984	chr16	19957448	19966027	-	0.04799
Klhl6	MmuINT0087985	chr16	19953785	19956997	-	0.030154
Klhl6	MmuINT0087986	chr16	19949747	19953546	-	0.12719
Klhl6	MmuINT0087987	chr16	19948393	19949543	-	0.106442
Klhl6	MmuINT0087988	chr16	19947387	19948178	-	0.028712
Klhl7	MmuINT0087990	chr5	23606693	23632639	+	0.008707
Klhl7	MmuINT0087991	chr5	23664455	23665264	+	0.026942
Klhl7	MmuINT0087992	chr5	23632743	23633486	+	0.010131
Klhl7	MmuINT0087993	chr5	23633581	23633797	+	0.006683
Klhl7	MmuINT0087994	chr5	23633923	23640781	+	0.014582
Klhl7	MmuINT0087995	chr5	23640958	23644123	+	0.014003
Klhl7	MmuINT0087996	chr5	23644299	23646968	+	0.028856
Klhl7	MmuINT0087997	chr5	23647112	23654942	+	0.00657
Klhl7	MmuINT0087998	chr5	23655184	23662707	+	0.011329
Klhl7	MmuINT0087999	chr5	23662910	23664356	+	0.025976
Klhl8	MmuINT0088001	chr5	1.04E+08	1.04E+08	-	0.017131
Klhl8	MmuINT0088002	chr5	1.04E+08	1.04E+08	-	0.011713
Klhl8	MmuINT0088003	chr5	1.04E+08	1.04E+08	-	0.019573
Klhl8	MmuINT0088004	chr5	1.04E+08	1.04E+08	-	0.017733
Klhl8	MmuINT0088005	chr5	1.04E+08	1.04E+08	-	0.018102
Klhl8	MmuINT0088006	chr5	1.04E+08	1.04E+08	-	0.026377
Klhl8	MmuINT0088007	chr5	1.04E+08	1.04E+08	-	0.021248
Klhl8	MmuINT0088008	chr5	1.04E+08	1.04E+08	-	0.018894
Klk8	MmuINT0088111	chr7	51054154	51054434	+	0.043851
Klk8	MmuINT0088112	chr7	51054698	51057449	+	0.115714
Klk8	MmuINT0088113	chr7	51057584	51058983	+	0.06472
Klraq1	MmuINT0088212	chr17	88929659	88942184	+	0.071704
Klraq1	MmuINT0088213	chr17	88958031	88958116	+	0.051903
Klraq1	MmuINT0088214	chr17	88958206	88961448	+	0.027665
Klraq1	MmuINT0088215	chr17	88961586	88964980	+	0.029322
Klraq1	MmuINT0088216	chr17	88965074	88968419	+	0.023759
Klraq1	MmuINT0088217	chr17	88968548	88971942	+	0.063053
Klraq1	MmuINT0088218	chr17	88972096	88974531	+	0.033179
Klraq1	MmuINT0088219	chr17	88974625	88976477	+	0.024948
Klraq1	MmuINT0088220	chr17	88976721	88978121	+	0.036298
Klraq1	MmuINT0088221	chr17	88978155	88979774	+	0.119493
Klraq1	MmuINT0088222	chr17	88979892	88981754	+	0.042372
Klraq1	MmuINT0088223	chr17	88942254	88944660	+	0.035086
Klraq1	MmuINT0088224	chr17	88981854	88983192	+	0.017959

Klraq1	MmuINT0088225	chr17	88983322	88987023	+	0.058149
Klraq1	MmuINT0088226	chr17	88944808	88946907	+	0.029789
Klraq1	MmuINT0088227	chr17	88947010	88948833	+	0.034921
Klraq1	MmuINT0088228	chr17	88948999	88949130	+	0.028935
Klraq1	MmuINT0088229	chr17	88949190	88950001	+	0.051368
Klraq1	MmuINT0088230	chr17	88950097	88954189	+	0.054445
Klraq1	MmuINT0088231	chr17	88954243	88954921	+	0.037095
Klraq1	MmuINT0088232	chr17	88955072	88957928	+	0.026792
Kpna1	MmuINT0088431	chr16	35983595	36000267	+	0.006166
Kpna1	MmuINT0088432	chr16	36023340	36029607	+	0.004759
Kpna1	MmuINT0088433	chr16	36029734	36031255	+	0.004389
Kpna1	MmuINT0088434	chr16	36031384	36033337	+	0.002324
Kpna1	MmuINT0088435	chr16	36033517	36033806	+	0.002041
Kpna1	MmuINT0088436	chr16	36000402	36002928	+	0.003105
Kpna1	MmuINT0088437	chr16	36003037	36009401	+	0.003613
Kpna1	MmuINT0088438	chr16	36009502	36012978	+	0.003732
Kpna1	MmuINT0088439	chr16	36013074	36019343	+	0.005435
Kpna1	MmuINT0088440	chr16	36019476	36020241	+	0.004452
Kpna1	MmuINT0088441	chr16	36020331	36020773	+	0.00422
Kpna1	MmuINT0088442	chr16	36020874	36021570	+	0.003101
Kpna1	MmuINT0088443	chr16	36021735	36023260	+	0.003467
Kpna3	MmuINT0088454	chr14	62021880	62058559	-	0.006558
Kpna3	MmuINT0088455	chr14	61993253	62002071	-	0.006176
Kpna3	MmuINT0088456	chr14	61991924	61993120	-	0.004456
Kpna3	MmuINT0088457	chr14	61989813	61991794	-	0.005108
Kpna3	MmuINT0088459	chr14	61989383	61989538	-	0.004289
Kpna3	MmuINT0088460	chr14	61987060	61989219	-	0.007838
Kpna3	MmuINT0088461	chr14	61986567	61986964	-	0.005134
Kpna3	MmuINT0088462	chr14	62010683	62021834	-	0.007026
Kpna3	MmuINT0088463	chr14	62010415	62010592	-	0.007119
Kpna3	MmuINT0088464	chr14	62010289	62010384	-	0.006946
Kpna3	MmuINT0088465	chr14	62010097	62010235	-	0.007916
Kpna3	MmuINT0088466	chr14	62006347	62010000	-	0.007047
Kpna3	MmuINT0088467	chr14	62004027	62006260	-	0.008418
Kpna3	MmuINT0088468	chr14	62003595	62003939	-	0.004833
Kpna3	MmuINT0088469	chr14	62002117	62003424	-	0.006941
Kpna4	MmuINT0088470	chr3	68906171	68930653	-	0.006454
Kpna4	MmuINT0088471	chr3	68891511	68893697	-	0.005379
Kpna4	MmuINT0088472	chr3	68889738	68891378	-	0.003012
Kpna4	MmuINT0088474	chr3	68885153	68887971	-	0.004337
Kpna4	MmuINT0088475	chr3	68883462	68885080	-	0.003527
Kpna4	MmuINT0088476	chr3	68880767	68883298	-	0.003411
Kpna4	MmuINT0088477	chr3	68878110	68880671	-	0.003857
Kpna4	MmuINT0088478	chr3	68905353	68906125	-	0.007013
Kpna4	MmuINT0088479	chr3	68905154	68905262	-	0.006333
Kpna4	MmuINT0088480	chr3	68905027	68905123	-	0.004527
Kpna4	MmuINT0088481	chr3	68899538	68904973	-	0.007348
Kpna4	MmuINT0088483	chr3	68896819	68898574	-	0.006175
Kpna4	MmuINT0088484	chr3	68894000	68896731	-	0.005725
Kpna4	MmuINT0088485	chr3	68893743	68893829	-	0.0044

Kpna6	MmuINT0088486	chr4	1.29E+08	1.29E+08	-	0.008628
Kpna6	MmuINT0088488	chr4	1.29E+08	1.29E+08	-	0.007368
Kpna6	MmuINT0088489	chr4	1.29E+08	1.29E+08	-	0.006183
Kpna6	MmuINT0088490	chr4	1.29E+08	1.29E+08	-	0.003927
Kpna6	MmuINT0088491	chr4	1.29E+08	1.29E+08	-	0.005047
Kpna6	MmuINT0088492	chr4	1.29E+08	1.29E+08	-	0.004749
Kpna6	MmuINT0088493	chr4	1.29E+08	1.29E+08	-	0.012619
Kpna6	MmuINT0088494	chr4	1.29E+08	1.29E+08	-	0.005227
Kpna6	MmuINT0088495	chr4	1.29E+08	1.29E+08	-	0.009983
Kpna6	MmuINT0088496	chr4	1.29E+08	1.29E+08	-	0.005468
Kpna6	MmuINT0088497	chr4	1.29E+08	1.29E+08	-	0.006011
Kpna6	MmuINT0088498	chr4	1.29E+08	1.29E+08	-	0.011583
Kpnb1	MmuINT0088511	chr11	97048762	97048859	-	0.043095
Kpnb1	MmuINT0088512	chr11	97033028	97034366	-	0.002133
Kpnb1	MmuINT0088513	chr11	97031347	97032835	-	0.004182
Kpnb1	MmuINT0088514	chr11	97030610	97031215	-	0.002802
Kpnb1	MmuINT0088515	chr11	97030251	97030461	-	0.003595
Kpnb1	MmuINT0088516	chr11	97029009	97030178	-	0.002861
Kpnb1	MmuINT0088517	chr11	97027444	97028863	-	0.003456
Kpnb1	MmuINT0088518	chr11	97026798	97027360	-	0.004157
Kpnb1	MmuINT0088519	chr11	97026411	97026689	-	0.00522
Kpnb1	MmuINT0088520	chr11	97026145	97026266	-	0.002216
Kpnb1	MmuINT0088521	chr11	97025343	97026038	-	0.01019
Kpnb1	MmuINT0088522	chr11	97046424	97048702	-	0.005371
Kpnb1	MmuINT0088524	chr11	97023996	97024666	-	0.001375
Kpnb1	MmuINT0088525	chr11	97043140	97046240	-	0.003043
Kpnb1	MmuINT0088526	chr11	97041911	97042938	-	0.002318
Kpnb1	MmuINT0088527	chr11	97040242	97041757	-	0.003727
Kpnb1	MmuINT0088528	chr11	97039674	97040181	-	0.004957
Kpnb1	MmuINT0088529	chr11	97038671	97039583	-	0.003996
Kpnb1	MmuINT0088530	chr11	97037165	97038559	-	0.003757
Kpnb1	MmuINT0088531	chr11	97034592	97037062	-	0.003354
Kptn	MmuINT0088533	chr7	16705531	16705838	+	0.064489
Kptn	MmuINT0088534	chr7	16711198	16711285	+	0.006265
Kptn	MmuINT0088535	chr7	16711457	16712466	+	0.016038
Kptn	MmuINT0088536	chr7	16705922	16706060	+	0.192783
Kptn	MmuINT0088537	chr7	16706146	16706218	+	0.027559
Kptn	MmuINT0088538	chr7	16706274	16708383	+	0.097056
Kptn	MmuINT0088539	chr7	16708460	16708548	+	0.059884
Kptn	MmuINT0088540	chr7	16708623	16709120	+	0.064134
Kptn	MmuINT0088541	chr7	16709231	16709303	+	0.009791
Kptn	MmuINT0088542	chr7	16709382	16710065	+	0.013186
Kptn	MmuINT0088543	chr7	16710142	16711061	+	0.01317
Kras	MmuINT0088545	chr6	1.45E+08	1.45E+08	-	0.038459
Kras	MmuINT0088546	chr6	1.45E+08	1.45E+08	-	0.014039
Kras	MmuINT0088547	chr6	1.45E+08	1.45E+08	-	0.014821
Krba1	MmuINT0088548	chr6	48345887	48352869	+	0.668021
Krba1	MmuINT0088549	chr6	48359343	48359716	+	0.010717
Krba1	MmuINT0088550	chr6	48359894	48361640	+	0.010941
Krba1	MmuINT0088551	chr6	48361794	48362272	+	0.011272

Krba1	MmuINT0088552	chr6	48362426	48363076	+	0.042151
Krba1	MmuINT0088553	chr6	48363272	48363361	+	0.038959
Krba1	MmuINT0088554	chr6	48363503	48364054	+	0.108987
Krba1	MmuINT0088555	chr6	48364151	48364488	+	0.018652
Krba1	MmuINT0088556	chr6	48364600	48365574	+	0.015575
Krba1	MmuINT0088557	chr6	48353010	48353376	+	0.046383
Krba1	MmuINT0088558	chr6	48353497	48353989	+	0.013626
Krba1	MmuINT0088559	chr6	48354140	48355232	+	0.016347
Krba1	MmuINT0088560	chr6	48355389	48356295	+	0.016516
Krba1	MmuINT0088561	chr6	48356431	48356832	+	0.019128
Krba1	MmuINT0088562	chr6	48357007	48357671	+	0.012639
Krba1	MmuINT0088563	chr6	48357822	48358527	+	0.017286
Kremen1	MmuINT0088569	chr11	5138506	5143777	-	0.002818
Kremen1	MmuINT0088570	chr11	5115535	5138413	-	0.00761
Kremen1	MmuINT0088571	chr11	5110096	5115409	-	0.003617
Kremen1	MmuINT0088572	chr11	5102033	5109941	-	0.010221
Kremen1	MmuINT0088573	chr11	5099715	5101699	-	0.005791
Kremen1	MmuINT0088574	chr11	5098398	5099504	-	0.007661
Kremen1	MmuINT0088575	chr11	5095125	5098312	-	0.010531
Kri1	MmuINT0088586	chr9	21084704	21084806	-	0.0873
Kri1	MmuINT0088587	chr9	21083976	21084607	-	0.044209
Kri1	MmuINT0088588	chr9	21081080	21083804	-	0.118706
Kri1	MmuINT0088589	chr9	21080918	21081003	-	0.0748
Kri1	MmuINT0088590	chr9	21080626	21080828	-	0.035754
Kri1	MmuINT0088591	chr9	21080419	21080498	-	0.039152
Kri1	MmuINT0088592	chr9	21079946	21080287	-	0.10095
Kri1	MmuINT0088593	chr9	21079812	21079880	-	0.092189
Kri1	MmuINT0088595	chr9	21089812	21091022	-	0.020147
Kri1	MmuINT0088596	chr9	21086673	21089684	-	0.036462
Kri1	MmuINT0088597	chr9	21086543	21086617	-	0.230181
Kri1	MmuINT0088598	chr9	21086356	21086492	-	0.154823
Kri1	MmuINT0088599	chr9	21086184	21086258	-	0.046143
Kri1	MmuINT0088600	chr9	21085614	21086105	-	0.071235
Krit1	MmuINT0088604	chr5	3818684	3819309	+	0.008396
Krit1	MmuINT0088605	chr5	3819418	3822086	+	0.006813
Krit1	MmuINT0088606	chr5	3822244	3823633	+	0.088214
Krit1	MmuINT0088607	chr5	3823786	3830605	+	0.023123
Krit1	MmuINT0088608	chr5	3830773	3831495	+	0.034648
Krit1	MmuINT0088609	chr5	3831584	3832019	+	0.012485
Krit1	MmuINT0088610	chr5	3832227	3836777	+	0.015206
Krit1	MmuINT0088611	chr5	3836895	3840873	+	0.011001
Krit1	MmuINT0088612	chr5	3806569	3807298	+	0.032921
Krit1	MmuINT0088613	chr5	3807459	3809635	+	0.007733
Krit1	MmuINT0088614	chr5	3809729	3811255	+	0.011578
Krit1	MmuINT0088615	chr5	3811386	3812331	+	0.010476
Krit1	MmuINT0088616	chr5	3812576	3812741	+	0.005422
Krit1	MmuINT0088617	chr5	3812858	3813050	+	0.035241
Krr1	MmuINT0088620	chr10	1.11E+08	1.11E+08	+	0.01133
Krr1	MmuINT0088621	chr10	1.11E+08	1.11E+08	+	0.024475
Krr1	MmuINT0088622	chr10	1.11E+08	1.11E+08	+	0.014358

Krr1	MmuINT0088623	chr10	1.11E+08	1.11E+08	+	0.019261
Krr1	MmuINT0088624	chr10	1.11E+08	1.11E+08	+	0.02264
Krr1	MmuINT0088625	chr10	1.11E+08	1.11E+08	+	0.016746
Krr1	MmuINT0088626	chr10	1.11E+08	1.11E+08	+	0.037969
Krr1	MmuINT0088627	chr10	1.11E+08	1.11E+08	+	0.023341
Krr1	MmuINT0088628	chr10	1.11E+08	1.11E+08	+	0.007335
Krt10	MmuINT0088643	chr11	99246951	99247244	-	0.048512
Krt18	MmuINT0088688	chr15	1.02E+08	1.02E+08	+	0.036884
Krt18	MmuINT0088689	chr15	1.02E+08	1.02E+08	+	0.054178
Krt222	MmuINT0088712	chr11	99101936	99105256	-	0.038234
Krt222	MmuINT0088713	chr11	99100069	99101806	-	0.025377
Krt222	MmuINT0088714	chr11	99097856	99099847	-	0.016724
Krt222	MmuINT0088715	chr11	99097584	99097778	-	0.008633
Krt222	MmuINT0088716	chr11	99096462	99097450	-	0.012328
Krt80	MmuINT0088943	chr15	1.01E+08	1.01E+08	-	0.106137
Krtcap2	MmuINT0088997	chr3	89050438	89050699	+	0.076733
Krtcap2	MmuINT0088998	chr3	89050855	89050986	+	0.003313
Krtcap2	MmuINT0088999	chr3	89051051	89052995	+	0.018997
Krtcap2	MmuINT0089000	chr3	89053063	89053492	+	0.008311
Krtcap3	MmuINT0089002	chr5	31554477	31554564	+	0.464029
Krtcap3	MmuINT0089003	chr5	31554625	31554737	+	0.817693
Krtcap3	MmuINT0089004	chr5	31554945	31555027	+	0.856343
Krtcap3	MmuINT0089005	chr5	31555163	31555267	+	0.653034
Krtcap3	MmuINT0089006	chr5	31555376	31555470	+	0.892086
Ksr1	MmuINT0089015	chr11	78838842	78840918	-	0.079817
Ksr1	MmuINT0089018	chr11	78833993	78834183	-	0.055631
Ksr1	MmuINT0089019	chr11	78833198	78833856	-	0.053053
Ksr1	MmuINT0089020	chr11	78829766	78833063	-	0.102841
Ksr1	MmuINT0089023	chr11	78854440	78858341	-	0.039801
Ksr1	MmuINT0089027	chr11	78846886	78849996	-	0.059235
Ktn1	MmuINT0089046	chr14	48283991	48286970	+	0.001449
Ktn1	MmuINT0089047	chr14	48309791	48310583	+	0.001373
Ktn1	MmuINT0089048	chr14	48310653	48312113	+	0.002753
Ktn1	MmuINT0089049	chr14	48312152	48313078	+	0.003645
Ktn1	MmuINT0089050	chr14	48313170	48313549	+	0.001821
Ktn1	MmuINT0089051	chr14	48313619	48314284	+	0.002885
Ktn1	MmuINT0089052	chr14	48314323	48314437	+	0.0028
Ktn1	MmuINT0089053	chr14	48314520	48315177	+	0.002184
Ktn1	MmuINT0089054	chr14	48315247	48320294	+	0.002191
Ktn1	MmuINT0089055	chr14	48320330	48320743	+	0.000652
Ktn1	MmuINT0089056	chr14	48320835	48321349	+	0.002367
Ktn1	MmuINT0089057	chr14	48287109	48289799	+	0.00259
Ktn1	MmuINT0089058	chr14	48321419	48322803	+	0.00058
Ktn1	MmuINT0089059	chr14	48322842	48323861	+	0.001494
Ktn1	MmuINT0089060	chr14	48323953	48324094	+	0.008843
Ktn1	MmuINT0089061	chr14	48324164	48325437	+	0.020253
Ktn1	MmuINT0089062	chr14	48325476	48326082	+	0.002978
Ktn1	MmuINT0089063	chr14	48326174	48326916	+	0.002936
Ktn1	MmuINT0089064	chr14	48326955	48328476	+	0.002031
Ktn1	MmuINT0089065	chr14	48328568	48330516	+	0.00422

Ktn1	MmuINT0089066	chr14	48330577	48332148	+	0.005623
Ktn1	MmuINT0089067	chr14	48332184	48334306	+	0.00166
Ktn1	MmuINT0089068	chr14	48289974	48292614	+	0.001734
Ktn1	MmuINT0089069	chr14	48334398	48336548	+	0.003886
Ktn1	MmuINT0089070	chr14	48336636	48339870	+	0.013937
Ktn1	MmuINT0089071	chr14	48339961	48343644	+	0.001522
Ktn1	MmuINT0089072	chr14	48343726	48344326	+	0.001742
Ktn1	MmuINT0089073	chr14	48344417	48344552	+	0.036035
Ktn1	MmuINT0089074	chr14	48344646	48345603	+	0.012581
Ktn1	MmuINT0089075	chr14	48345676	48345900	+	0.013096
Ktn1	MmuINT0089076	chr14	48345985	48346145	+	0.027733
Ktn1	MmuINT0089077	chr14	48346230	48350014	+	0.033784
Ktn1	MmuINT0089078	chr14	48350099	48352901	+	0.002115
Ktn1	MmuINT0089079	chr14	48292746	48294424	+	0.001655
Ktn1	MmuINT0089080	chr14	48352998	48353829	+	0.030062
Ktn1	MmuINT0089081	chr14	48353940	48355774	+	0.109748
Ktn1	MmuINT0089082	chr14	48294542	48296359	+	0.002103
Ktn1	MmuINT0089083	chr14	48296501	48303057	+	0.000151
Ktn1	MmuINT0089084	chr14	48303165	48304395	+	0.001324
Ktn1	MmuINT0089085	chr14	48304529	48305930	+	0.001122
Ktn1	MmuINT0089086	chr14	48306019	48309623	+	0.001164
L2hgdh	MmuINT0089142	chr12	70823181	70825640	-	0.000953
L2hgdh	MmuINT0089145	chr12	70808274	70813608	-	0.001211
L2hgdh	MmuINT0089146	chr12	70806787	70808110	-	0.015291
L3mbtl2	MmuINT0089173	chr15	81494455	81497588	+	0.018847
L3mbtl2	MmuINT0089174	chr15	81513078	81513382	+	0.041184
L3mbtl2	MmuINT0089175	chr15	81513488	81514272	+	0.028646
L3mbtl2	MmuINT0089176	chr15	81514421	81514730	+	0.040239
L3mbtl2	MmuINT0089177	chr15	81514814	81515143	+	0.027255
L3mbtl2	MmuINT0089178	chr15	81515379	81515810	+	0.048692
L3mbtl2	MmuINT0089179	chr15	81497827	81499059	+	0.059916
L3mbtl2	MmuINT0089180	chr15	81499194	81500556	+	0.022122
L3mbtl2	MmuINT0089181	chr15	81500681	81501497	+	0.033215
L3mbtl2	MmuINT0089183	chr15	81506063	81506687	+	0.044721
L3mbtl2	MmuINT0089184	chr15	81506823	81507254	+	0.056836
L3mbtl2	MmuINT0089185	chr15	81507344	81512349	+	0.029887
L3mbtl2	MmuINT0089186	chr15	81512582	81513000	+	0.071356
L3mbtl3	MmuINT0089193	chr10	26023544	26033652	-	0.052925
L3mbtl3	MmuINT0089194	chr10	26022562	26023428	-	0.047206
L3mbtl3	MmuINT0089195	chr10	26012600	26022458	-	0.057038
L3mbtl3	MmuINT0089196	chr10	26002666	26012446	-	0.044019
L3mbtl3	MmuINT0089200	chr10	25996070	25999422	-	0.056347
L3mbtl3	MmuINT0089203	chr10	26060847	26062313	-	0.059738
L3mbtl3	MmuINT0089204	chr10	26059110	26060713	-	0.03922
Lace1	MmuINT0089259	chr10	42174337	42198068	-	0.006101
Lace1	MmuINT0089260	chr10	42038539	42059630	-	0.007155
Lace1	MmuINT0089261	chr10	42036270	42038397	-	0.009803
Lace1	MmuINT0089262	chr10	42033423	42036155	-	0.005523
Lace1	MmuINT0089263	chr10	42158212	42174112	-	0.005405
Lace1	MmuINT0089265	chr10	42145115	42146291	-	0.003836

Lace1	MmuINT0089266	chr10	42135455	42144983	-	0.004487
Lace1	MmuINT0089267	chr10	42120206	42135354	-	0.006676
Lace1	MmuINT0089268	chr10	42080054	42120146	-	0.009116
Lace1	MmuINT0089269	chr10	42060059	42079970	-	0.005312
Lace1	MmuINT0089270	chr10	42059732	42059987	-	0.005151
Lactb	MmuINT0089271	chr9	66822592	66822847	-	0.012472
Lactb	MmuINT0089272	chr9	66819174	66822524	-	0.007962
Lactb	MmuINT0089273	chr9	66818744	66818982	-	0.00667
Lactb	MmuINT0089274	chr9	66815652	66818388	-	0.014488
Lactb	MmuINT0089275	chr9	66804008	66815485	-	0.006209
Lactb2	MmuINT0089276	chr1	13640966	13650409	-	0.009737
Lactb2	MmuINT0089277	chr1	13637593	13640801	-	0.006201
Lactb2	MmuINT0089278	chr1	13628491	13637465	-	0.013914
Lactb2	MmuINT0089279	chr1	13620295	13628311	-	0.006846
Lactb2	MmuINT0089280	chr1	13617519	13620145	-	0.017971
Lactb2	MmuINT0089281	chr1	13616986	13617436	-	0.094575
Lad1	MmuINT0089286	chr1	1.38E+08	1.38E+08	+	0.935783
Lad1	MmuINT0089287	chr1	1.38E+08	1.38E+08	+	0.072785
Lad1	MmuINT0089288	chr1	1.38E+08	1.38E+08	+	0.155583
Lad1	MmuINT0089289	chr1	1.38E+08	1.38E+08	+	0.024003
Lad1	MmuINT0089290	chr1	1.38E+08	1.38E+08	+	0.017215
Lage3	MmuINT0089298	chrX	71598342	71598663	-	0.008692
Lage3	MmuINT0089299	chrX	71597838	71598212	-	0.005888
Lama2	MmuINT0089374	chr10	27047992	27064218	-	0.021329
Lama2	MmuINT0089376	chr10	26986517	27044386	-	0.020698
Lama2	MmuINT0089377	chr10	26984936	26986414	-	0.015347
Lama2	MmuINT0089378	chr10	26963589	26984723	-	0.02478
Lama2	MmuINT0089381	chr10	26943876	26951380	-	0.013132
Lama2	MmuINT0089382	chr10	26932061	26943788	-	0.024623
Lama2	MmuINT0089383	chr10	26928242	26931848	-	0.017366
Lama2	MmuINT0089385	chr10	26924788	26928134	-	0.027604
Lama2	MmuINT0089386	chr10	26917241	26924606	-	0.011866
Lama2	MmuINT0089387	chr10	26910528	26917103	-	0.016604
Lama2	MmuINT0089388	chr10	26909074	26910290	-	0.01932
Lama2	MmuINT0089389	chr10	26908247	26908929	-	0.009964
Lama2	MmuINT0089390	chr10	26907963	26908066	-	0.011402
Lama2	MmuINT0089391	chr10	26907686	26907773	-	0.015993
Lama2	MmuINT0089392	chr10	26904308	26907551	-	0.018693
Lama2	MmuINT0089393	chr10	26896604	26904189	-	0.019127
Lama2	MmuINT0089394	chr10	26884833	26896468	-	0.016901
Lama2	MmuINT0089396	chr10	26878671	26884707	-	0.013446
Lama2	MmuINT0089397	chr10	26875356	26878583	-	0.0116
Lama2	MmuINT0089399	chr10	26853872	26858668	-	0.011242
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Lama2	MmuINT0089402	chr10	26838496	26839713	-	0.00601
Lama2	MmuINT0089403	chr10	26825030	26838284	-	0.012579
Lama2	MmuINT0089404	chr10	26824074	26824912	-	0.010714
Lama2	MmuINT0089405	chr10	26821274	26823909	-	0.020393
Lama2	MmuINT0089406	chr10	27088963	27142277	-	0.018529

Lama2	MmuINT0089408	chr10	26776452	26790071	-	0.00735
Lama2	MmuINT0089409	chr10	26774492	26776334	-	0.009104
Lama2	MmuINT0089411	chr10	26764385	26770003	-	0.0062
Lama2	MmuINT0089412	chr10	26763479	26764240	-	0.00752
Lama2	MmuINT0089413	chr10	26761039	26763344	-	0.005838
Lama2	MmuINT0089414	chr10	26755888	26760878	-	0.00617
Lama2	MmuINT0089415	chr10	26750990	26755762	-	0.009434
Lama2	MmuINT0089416	chr10	26750121	26750826	-	0.006257
Lama2	MmuINT0089418	chr10	26743217	26749975	-	0.006001
Lama2	MmuINT0089419	chr10	26741279	26743077	-	0.012233
Lama2	MmuINT0089420	chr10	26738334	26741266	-	0.036511
Lama2	MmuINT0089421	chr10	26735362	26738212	-	0.007218
Lama2	MmuINT0089422	chr10	26726635	26735184	-	0.003864
Lama2	MmuINT0089423	chr10	26721109	26726485	-	0.004574
Lama2	MmuINT0089425	chr10	26713322	26720522	-	0.007096
Lama2	MmuINT0089426	chr10	26712909	26713208	-	0.006675
Lama2	MmuINT0089427	chr10	26710768	26712718	-	0.004847
Lama2	MmuINT0089431	chr10	26704320	26706595	-	0.001571
Lama2	MmuINT0089433	chr10	27070238	27083348	-	0.014217
Lama2	MmuINT0089434	chr10	27066901	27070058	-	0.018474
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Lama4	MmuINT0089510	chr10	38685956	38725217	+	0.016399
Lama4	MmuINT0089511	chr10	38765627	38767739	+	0.008586
Lama4	MmuINT0089512	chr10	38767934	38773546	+	0.008529
Lama4	MmuINT0089513	chr10	38773664	38776582	+	0.008364
Lama4	MmuINT0089514	chr10	38776732	38779932	+	0.007247
Lama4	MmuINT0089515	chr10	38780075	38781159	+	0.008411
Lama4	MmuINT0089516	chr10	38781257	38785409	+	0.022925
Lama4	MmuINT0089517	chr10	38785527	38787660	+	0.012397
Lama4	MmuINT0089518	chr10	38787841	38789760	+	0.00868
Lama4	MmuINT0089519	chr10	38789901	38792520	+	0.009524
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Lama4	MmuINT0089521	chr10	38725320	38730803	+	0.01165
Lama4	MmuINT0089522	chr10	38793517	38793930	+	0.008883
Lama4	MmuINT0089523	chr10	38794094	38794469	+	0.013332
Lama4	MmuINT0089524	chr10	38794604	38795161	+	0.009524
Lama4	MmuINT0089525	chr10	38795334	38798525	+	0.014005
Lama4	MmuINT0089526	chr10	38798658	38800287	+	0.006813
Lama4	MmuINT0089527	chr10	38800431	38802533	+	0.009731
Lama4	MmuINT0089528	chr10	38802673	38803074	+	0.009469
Lama4	MmuINT0089529	chr10	38803213	38807058	+	0.009008
Lama4	MmuINT0089530	chr10	38807193	38808092	+	0.00588
Lama4	MmuINT0089531	chr10	38808258	38808564	+	0.006158
Lama4	MmuINT0089532	chr10	38730929	38737126	+	0.013802
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Lama4	MmuINT0089534	chr10	38812124	38814700	+	0.075846
Lama4	MmuINT0089535	chr10	38814891	38816888	+	0.006284
Lama4	MmuINT0089536	chr10	38817045	38818132	+	0.005061
Lama4	MmuINT0089537	chr10	38818293	38823293	+	0.016502
Lama4	MmuINT0089538	chr10	38823425	38824942	+	0.006514



Lama4	MmuINT0089539	chr10	38825037	38825767	+	0.01149
Lama4	MmuINT0089540	chr10	38825888	38829693	+	0.011945
Lama4	MmuINT0089541	chr10	38737208	38746340	+	0.014921
Lama4	MmuINT0089542	chr10	38746556	38748427	+	0.011618
Lama4	MmuINT0089543	chr10	38748503	38750238	+	0.012362
Lama4	MmuINT0089544	chr10	38750391	38752816	+	0.007283
Lama4	MmuINT0089545	chr10	38752928	38762386	+	0.010293
Lama4	MmuINT0089546	chr10	38762499	38765458	+	0.010728
Lama5	MmuINT0089547	chr2	1.8E+08	1.8E+08	-	0.028613
Lama5	MmuINT0089548	chr2	1.8E+08	1.8E+08	-	0.022853
Lama5	MmuINT0089552	chr2	1.8E+08	1.8E+08	-	0.010314
Lama5	MmuINT0089553	chr2	1.8E+08	1.8E+08	-	0.012025
Lama5	MmuINT0089554	chr2	1.8E+08	1.8E+08	-	0.008509
Lama5	MmuINT0089555	chr2	1.8E+08	1.8E+08	-	0.059601
Lama5	MmuINT0089556	chr2	1.8E+08	1.8E+08	-	0.010045
Lama5	MmuINT0089559	chr2	1.8E+08	1.8E+08	-	0.009931
Lama5	MmuINT0089560	chr2	1.8E+08	1.8E+08	-	0.008808
Lama5	MmuINT0089561	chr2	1.8E+08	1.8E+08	-	0.005864
Lama5	MmuINT0089563	chr2	1.8E+08	1.8E+08	-	0.009456
Lama5	MmuINT0089564	chr2	1.8E+08	1.8E+08	-	0.005238
Lama5	MmuINT0089565	chr2	1.8E+08	1.8E+08	-	0.112855
Lama5	MmuINT0089566	chr2	1.8E+08	1.8E+08	-	0.009434
Lama5	MmuINT0089567	chr2	1.8E+08	1.8E+08	-	0.017839
Lama5	MmuINT0089568	chr2	1.8E+08	1.8E+08	-	0.042894
Lama5	MmuINT0089569	chr2	1.8E+08	1.8E+08	-	0.044259
Lama5	MmuINT0089570	chr2	1.8E+08	1.8E+08	-	0.013684
Lama5	MmuINT0089571	chr2	1.8E+08	1.8E+08	-	0.27454
Lama5	MmuINT0089572	chr2	1.8E+08	1.8E+08	-	0.009612
Lama5	MmuINT0089573	chr2	1.8E+08	1.8E+08	-	0.005178
Lama5	MmuINT0089574	chr2	1.8E+08	1.8E+08	-	0.031421
Lama5	MmuINT0089575	chr2	1.8E+08	1.8E+08	-	0.006161
Lama5	MmuINT0089576	chr2	1.8E+08	1.8E+08	-	0.004361
Lama5	MmuINT0089577	chr2	1.8E+08	1.8E+08	-	0.008801
Lama5	MmuINT0089578	chr2	1.8E+08	1.8E+08	-	0.02328
Lama5	MmuINT0089579	chr2	1.8E+08	1.8E+08	-	0.009808
Lama5	MmuINT0089581	chr2	1.8E+08	1.8E+08	-	0.005483
Lama5	MmuINT0089582	chr2	1.8E+08	1.8E+08	-	0.033688
Lama5	MmuINT0089583	chr2	1.8E+08	1.8E+08	-	0.00418
Lama5	MmuINT0089584	chr2	1.8E+08	1.8E+08	-	0.006075
Lama5	MmuINT0089585	chr2	1.8E+08	1.8E+08	-	0.006379
Lama5	MmuINT0089586	chr2	1.8E+08	1.8E+08	-	0.00481
Lama5	MmuINT0089587	chr2	1.8E+08	1.8E+08	-	0.00559
Lama5	MmuINT0089588	chr2	1.8E+08	1.8E+08	-	0.004598
Lama5	MmuINT0089589	chr2	1.8E+08	1.8E+08	-	0.011117
Lama5	MmuINT0089590	chr2	1.8E+08	1.8E+08	-	0.004372
Lama5	MmuINT0089591	chr2	1.8E+08	1.8E+08	-	0.013171
Lama5	MmuINT0089592	chr2	1.8E+08	1.8E+08	-	0.029114
Lama5	MmuINT0089593	chr2	1.8E+08	1.8E+08	-	0.019345
Lama5	MmuINT0089594	chr2	1.8E+08	1.8E+08	-	0.017955
Lama5	MmuINT0089595	chr2	1.8E+08	1.8E+08	-	0.011075

Lama5	MmuINT0089596	chr2	1.8E+08	1.8E+08	-	0.005498
Lama5	MmuINT0089597	chr2	1.8E+08	1.8E+08	-	0.009424
Lama5	MmuINT0089598	chr2	1.8E+08	1.8E+08	-	0.004058
Lama5	MmuINT0089599	chr2	1.8E+08	1.8E+08	-	0.007673
Lama5	MmuINT0089600	chr2	1.8E+08	1.8E+08	-	0.009444
Lama5	MmuINT0089601	chr2	1.8E+08	1.8E+08	-	0.006973
Lama5	MmuINT0089603	chr2	1.8E+08	1.8E+08	-	0.008509
Lama5	MmuINT0089604	chr2	1.8E+08	1.8E+08	-	0.005733
Lama5	MmuINT0089605	chr2	1.8E+08	1.8E+08	-	0.00877
Lama5	MmuINT0089606	chr2	1.8E+08	1.8E+08	-	0.052203
Lama5	MmuINT0089607	chr2	1.8E+08	1.8E+08	-	0.013926
Lama5	MmuINT0089608	chr2	1.8E+08	1.8E+08	-	0.012835
Lama5	MmuINT0089609	chr2	1.8E+08	1.8E+08	-	0.251235
Lama5	MmuINT0089610	chr2	1.8E+08	1.8E+08	-	0.020182
Lama5	MmuINT0089611	chr2	1.8E+08	1.8E+08	-	0.024344
Lama5	MmuINT0089612	chr2	1.8E+08	1.8E+08	-	0.131017
Lama5	MmuINT0089614	chr2	1.8E+08	1.8E+08	-	0.056113
Lama5	MmuINT0089615	chr2	1.8E+08	1.8E+08	-	0.008652
Lama5	MmuINT0089616	chr2	1.8E+08	1.8E+08	-	0.020348
Lama5	MmuINT0089617	chr2	1.8E+08	1.8E+08	-	0.033917
Lama5	MmuINT0089618	chr2	1.8E+08	1.8E+08	-	0.03057
Lama5	MmuINT0089619	chr2	1.8E+08	1.8E+08	-	0.103084
Lama5	MmuINT0089620	chr2	1.8E+08	1.8E+08	-	0.072019
Lama5	MmuINT0089621	chr2	1.8E+08	1.8E+08	-	0.065103
Lama5	MmuINT0089622	chr2	1.8E+08	1.8E+08	-	0.031934
Lama5	MmuINT0089623	chr2	1.8E+08	1.8E+08	-	0.009364
Lama5	MmuINT0089624	chr2	1.8E+08	1.8E+08	-	0.009889
Lamb1	MmuINT0089625	chr12	31950467	31951555	+	0.014221
Lamb1	MmuINT0089626	chr12	31972924	31973067	+	0.012341
Lamb1	MmuINT0089627	chr12	31973181	31974206	+	0.010296
Lamb1	MmuINT0089628	chr12	31974287	31982490	+	0.010825
Lamb1	MmuINT0089629	chr12	31982627	31983677	+	0.010832
Lamb1	MmuINT0089630	chr12	31983837	31984788	+	0.012448
Lamb1	MmuINT0089631	chr12	31984917	31985071	+	0.009629
Lamb1	MmuINT0089632	chr12	31985196	31985870	+	0.00706
Lamb1	MmuINT0089633	chr12	31986076	31987426	+	0.007049
Lamb1	MmuINT0089634	chr12	31987571	31987768	+	0.006921
Lamb1	MmuINT0089635	chr12	31988001	31989454	+	0.006465
Lamb1	MmuINT0089636	chr12	31951732	31953921	+	0.011281
Lamb1	MmuINT0089637	chr12	31989619	31990631	+	0.009824
Lamb1	MmuINT0089638	chr12	31990857	31991839	+	0.007003
Lamb1	MmuINT0089639	chr12	31992055	31992814	+	0.005216
Lamb1	MmuINT0089640	chr12	31992912	32003128	+	0.009828
Lamb1	MmuINT0089641	chr12	32003499	32004783	+	0.006002
Lamb1	MmuINT0089642	chr12	32004969	32005762	+	0.004894
Lamb1	MmuINT0089643	chr12	32006005	32008326	+	0.013824
Lamb1	MmuINT0089644	chr12	32008531	32009040	+	0.00437
Lamb1	MmuINT0089645	chr12	32009186	32011034	+	0.022035
Lamb1	MmuINT0089646	chr12	32011243	32011432	+	0.012791
Lamb1	MmuINT0089647	chr12	31954058	31957294	+	0.011414

Lamb1	MmuINT0089648	chr12	32011575	32012509	+	0.019411
Lamb1	MmuINT0089649	chr12	32012687	32013974	+	0.068207
Lamb1	MmuINT0089650	chr12	32014135	32014221	+	0.035551
Lamb1	MmuINT0089651	chr12	31957369	31963326	+	0.00994
Lamb1	MmuINT0089652	chr12	31963516	31963600	+	0.012761
Lamb1	MmuINT0089653	chr12	31963665	31967421	+	0.012801
Lamb1	MmuINT0089654	chr12	31967625	31970490	+	0.007352
Lamb1	MmuINT0089655	chr12	31970612	31972280	+	0.006465
Lamb1	MmuINT0089656	chr12	31972470	31972743	+	0.006033
Lamb2	MmuINT0089657	chr9	1.08E+08	1.08E+08	+	0.064522
Lamb2	MmuINT0089658	chr9	1.08E+08	1.08E+08	+	0.031043
Lamb2	MmuINT0089659	chr9	1.08E+08	1.08E+08	+	0.003583
Lamb2	MmuINT0089660	chr9	1.08E+08	1.08E+08	+	0.003623
Lamb2	MmuINT0089661	chr9	1.08E+08	1.08E+08	+	0.004459
Lamb2	MmuINT0089662	chr9	1.08E+08	1.08E+08	+	0.002133
Lamb2	MmuINT0089663	chr9	1.08E+08	1.08E+08	+	0.019004
Lamb2	MmuINT0089664	chr9	1.08E+08	1.08E+08	+	0.026902
Lamb2	MmuINT0089665	chr9	1.08E+08	1.08E+08	+	0.016885
Lamb2	MmuINT0089666	chr9	1.08E+08	1.08E+08	+	0.005084
Lamb2	MmuINT0089667	chr9	1.08E+08	1.08E+08	+	0.023762
Lamb2	MmuINT0089668	chr9	1.08E+08	1.08E+08	+	0.014999
Lamb2	MmuINT0089669	chr9	1.08E+08	1.08E+08	+	0.015475
Lamb2	MmuINT0089670	chr9	1.08E+08	1.08E+08	+	0.008528
Lamb2	MmuINT0089671	chr9	1.08E+08	1.08E+08	+	0.020776
Lamb2	MmuINT0089672	chr9	1.08E+08	1.08E+08	+	0.012358
Lamb2	MmuINT0089673	chr9	1.08E+08	1.08E+08	+	0.005556
Lamb2	MmuINT0089674	chr9	1.08E+08	1.08E+08	+	0.002676
Lamb2	MmuINT0089675	chr9	1.08E+08	1.08E+08	+	0.006506
Lamb2	MmuINT0089676	chr9	1.08E+08	1.08E+08	+	0.01863
Lamb2	MmuINT0089677	chr9	1.08E+08	1.08E+08	+	0.145971
Lamb2	MmuINT0089678	chr9	1.08E+08	1.08E+08	+	0.07052
Lamb2	MmuINT0089679	chr9	1.08E+08	1.08E+08	+	0.002867
Lamb2	MmuINT0089680	chr9	1.08E+08	1.08E+08	+	0.01158
Lamb2	MmuINT0089681	chr9	1.08E+08	1.08E+08	+	0.005527
Lamb2	MmuINT0089682	chr9	1.08E+08	1.08E+08	+	0.024202
Lamb2	MmuINT0089683	chr9	1.08E+08	1.08E+08	+	0.002781
Lamb2	MmuINT0089684	chr9	1.08E+08	1.08E+08	+	0.019549
Lamb2	MmuINT0089685	chr9	1.08E+08	1.08E+08	+	0.014681
Lamb2	MmuINT0089686	chr9	1.08E+08	1.08E+08	+	0.012767
Lamb2	MmuINT0089687	chr9	1.08E+08	1.08E+08	+	0.003546
Lamb2	MmuINT0089688	chr9	1.08E+08	1.08E+08	+	0.011296
Lamb3	MmuINT0089696	chr1	1.95E+08	1.95E+08	+	0.036004
Lamb3	MmuINT0089701	chr1	1.95E+08	1.95E+08	+	0.021045
Lamb3	MmuINT0089702	chr1	1.95E+08	1.95E+08	+	0.019937
Lamb3	MmuINT0089703	chr1	1.95E+08	1.95E+08	+	0.048651
Lamc1	MmuINT0089711	chr1	1.55E+08	1.55E+08	-	0.008728
Lamc1	MmuINT0089712	chr1	1.55E+08	1.55E+08	-	0.004283
Lamc1	MmuINT0089713	chr1	1.55E+08	1.55E+08	-	0.013807
Lamc1	MmuINT0089714	chr1	1.55E+08	1.55E+08	-	0.004772
Lamc1	MmuINT0089715	chr1	1.55E+08	1.55E+08	-	0.010232

Lamc1	MmuINT0089716	chr1	1.55E+08	1.55E+08	-	0.005677
Lamc1	MmuINT0089717	chr1	1.55E+08	1.55E+08	-	0.009141
Lamc1	MmuINT0089718	chr1	1.55E+08	1.55E+08	-	0.004325
Lamc1	MmuINT0089719	chr1	1.55E+08	1.55E+08	-	0.004154
Lamc1	MmuINT0089720	chr1	1.55E+08	1.55E+08	-	0.004574
Lamc1	MmuINT0089721	chr1	1.55E+08	1.55E+08	-	0.004224
Lamc1	MmuINT0089722	chr1	1.55E+08	1.55E+08	-	0.007359
Lamc1	MmuINT0089723	chr1	1.55E+08	1.55E+08	-	0.004461
Lamc1	MmuINT0089724	chr1	1.55E+08	1.55E+08	-	0.00367
Lamc1	MmuINT0089725	chr1	1.55E+08	1.55E+08	-	0.008132
Lamc1	MmuINT0089726	chr1	1.55E+08	1.55E+08	-	0.004757
Lamc1	MmuINT0089727	chr1	1.55E+08	1.55E+08	-	0.007429
Lamc1	MmuINT0089728	chr1	1.55E+08	1.55E+08	-	0.005737
Lamc1	MmuINT0089729	chr1	1.55E+08	1.55E+08	-	0.015488
Lamc1	MmuINT0089730	chr1	1.55E+08	1.55E+08	-	0.010735
Lamc1	MmuINT0089731	chr1	1.55E+08	1.55E+08	-	0.00491
Lamc1	MmuINT0089732	chr1	1.55E+08	1.55E+08	-	0.008374
Lamc1	MmuINT0089733	chr1	1.55E+08	1.55E+08	-	0.006529
Lamc1	MmuINT0089734	chr1	1.55E+08	1.55E+08	-	0.007232
Lamc1	MmuINT0089735	chr1	1.55E+08	1.55E+08	-	0.01222
Lamc1	MmuINT0089736	chr1	1.55E+08	1.55E+08	-	0.008768
Lamc1	MmuINT0089737	chr1	1.55E+08	1.55E+08	-	0.007681
Lamc2	MmuINT0089748	chr1	1.55E+08	1.55E+08	-	0.111182
Lamc2	MmuINT0089750	chr1	1.55E+08	1.55E+08	-	0.052703
Lamc2	MmuINT0089751	chr1	1.55E+08	1.55E+08	-	0.058098
Lamc2	MmuINT0089752	chr1	1.55E+08	1.55E+08	-	0.043785
Lamc2	MmuINT0089753	chr1	1.55E+08	1.55E+08	-	0.049525
Lamp1	MmuINT0089788	chr8	13159435	13165848	+	0.001503
Lamp1	MmuINT0089789	chr8	13165968	13167157	+	0.000652
Lamp1	MmuINT0089790	chr8	13167378	13167806	+	0.00115
Lamp1	MmuINT0089791	chr8	13167966	13171204	+	0.002142
Lamp1	MmuINT0089792	chr8	13171384	13172540	+	0.000355
Lamp1	MmuINT0089793	chr8	13172661	13173626	+	0.002174
Lamp1	MmuINT0089794	chr8	13173694	13173779	+	0.000563
Lamp1	MmuINT0089795	chr8	13173951	13174418	+	0.003534
Lamp2	MmuINT0089796	chrX	35795318	35809425	-	0.011683
Lamp2	MmuINT0089797	chrX	35793522	35795201	-	0.00247
Lamp2	MmuINT0089798	chrX	35788732	35793307	-	0.001848
Lamp2	MmuINT0089799	chrX	35785239	35788572	-	0.001436
Lamp2	MmuINT0089800	chrX	35784218	35785026	-	0.001514
Lamp2	MmuINT0089801	chrX	35778604	35784094	-	0.001936
Lamp2	MmuINT0089802	chrX	35777609	35778539	-	0.00306
Lamp2	MmuINT0089803	chrX	35758749	35777443	-	0.040987
Lancl1	MmuINT0089811	chr1	67080816	67085068	-	0.005712
Lancl1	MmuINT0089812	chr1	67067640	67080697	-	0.004476
Lancl1	MmuINT0089813	chr1	67056621	67067431	-	0.010174
Lancl1	MmuINT0089814	chr1	67055949	67056484	-	0.004911
Lancl1	MmuINT0089815	chr1	67053625	67055801	-	0.003833
Lancl1	MmuINT0089816	chr1	67051541	67053441	-	0.004381
Lancl1	MmuINT0089817	chr1	67050986	67051363	-	0.00588

Lanc1	MmuINT0089818	chr1	67050132	67050912	-	0.007725
Lanc2	MmuINT0089819	chr6	57653258	57662981	+	0.017894
Lanc2	MmuINT0089820	chr6	57663100	57672490	+	0.01361
Lanc2	MmuINT0089821	chr6	57672699	57673482	+	0.018002
Lanc2	MmuINT0089822	chr6	57673631	57674539	+	0.013708
Lanc2	MmuINT0089823	chr6	57674687	57676410	+	0.017733
Lanc2	MmuINT0089824	chr6	57676594	57682189	+	0.016543
Lanc2	MmuINT0089825	chr6	57682367	57684010	+	0.030337
Lanc2	MmuINT0089826	chr6	57684084	57687649	+	0.023252
Lap3	MmuINT0089837	chr5	45884801	45886404	+	0.003336
Lap3	MmuINT0089838	chr5	45898449	45900676	+	0.004348
Lap3	MmuINT0089839	chr5	45900757	45902346	+	0.003432
Lap3	MmuINT0089840	chr5	45902457	45903119	+	0.003657
Lap3	MmuINT0089841	chr5	45886521	45888158	+	0.002996
Lap3	MmuINT0089842	chr5	45888214	45888567	+	0.004619
Lap3	MmuINT0089843	chr5	45888674	45889672	+	0.004329
Lap3	MmuINT0089844	chr5	45889833	45891641	+	0.004658
Lap3	MmuINT0089845	chr5	45891807	45894618	+	0.002324
Lap3	MmuINT0089846	chr5	45894778	45895961	+	0.002741
Lap3	MmuINT0089847	chr5	45896087	45897412	+	0.004664
Lap3	MmuINT0089848	chr5	45897502	45898345	+	0.004839
Lap3m4a	MmuINT0089849	chr12	8929101	8938433	+	0.000652
Lap3m4a	MmuINT0089850	chr12	8938555	8941501	+	0.012105
Lap3m4a	MmuINT0089851	chr12	8941579	8941671	+	0.002466
Lap3m4a	MmuINT0089852	chr12	8941795	8942792	+	0.001871
Lap3m4a	MmuINT0089853	chr12	8942889	8943502	+	0.005046
Lap3m4a	MmuINT0089854	chr12	8943602	8944922	+	0.004919
Lap3m4b	MmuINT0089855	chr15	34168178	34188435	+	0.000693
Lap3m4b	MmuINT0089858	chr15	34203106	34205890	+	0.000286
Lap3m4b	MmuINT0089859	chr15	34205990	34207186	+	0.002167
Lap3m4b	MmuINT0089860	chr15	34207283	34213054	+	0.004248
Lap3m5	MmuINT0089861	chr4	1.3E+08	1.3E+08	+	0.012704
Lap3m5	MmuINT0089862	chr4	1.3E+08	1.3E+08	+	0.014461
Lap3m5	MmuINT0089863	chr4	1.3E+08	1.3E+08	+	0.0143
Lap3m5	MmuINT0089864	chr4	1.3E+08	1.3E+08	+	0.012417
Lap3m5	MmuINT0089865	chr4	1.3E+08	1.3E+08	+	0.008883
Lap3m5	MmuINT0089866	chr4	1.3E+08	1.3E+08	+	0.017823
Lap3m5	MmuINT0089867	chr4	1.3E+08	1.3E+08	+	0.047637
Large	MmuINT0089868	chr8	75738212	75876364	-	0.008566
Large	MmuINT0089869	chr8	75376188	75383088	-	0.005489
Large	MmuINT0089870	chr8	75361585	75376023	-	0.0045
Large	MmuINT0089871	chr8	75347739	75361305	-	0.004268
Large	MmuINT0089872	chr8	75342171	75347591	-	0.011876
Large	MmuINT0089873	chr8	75339921	75341974	-	0.004304
Large	MmuINT0089874	chr8	75656032	75738023	-	0.004407
Large	MmuINT0089875	chr8	75640385	75655729	-	0.006066
Large	MmuINT0089876	chr8	75622853	75640301	-	0.006149
Large	MmuINT0089877	chr8	75572365	75622728	-	0.005015
Large	MmuINT0089878	chr8	75436060	75572192	-	0.006701
Large	MmuINT0089879	chr8	75409703	75435954	-	0.006586

Large	MmuINT0089880	chr8	75407233	75409589	-	0.007488
Large	MmuINT0089881	chr8	75383245	75407106	-	0.006083
Larp1	MmuINT0089882	chr11	57823050	57853892	+	0.011583
Larp1	MmuINT0089883	chr11	57861649	57863198	+	0.003071
Larp1	MmuINT0089885	chr11	57864409	57864503	+	0.001884
Larp1	MmuINT0089886	chr11	57864710	57865126	+	0.0057
Larp1	MmuINT0089888	chr11	57866234	57868968	+	0.004526
Larp1	MmuINT0089889	chr11	57869114	57870555	+	0.002862
Larp1	MmuINT0089890	chr11	57870666	57870762	+	0.002491
Larp1	MmuINT0089891	chr11	57870891	57872060	+	0.11713
Larp1	MmuINT0089892	chr11	57853955	57854191	+	0.016315
Larp1	MmuINT0089894	chr11	57855155	57855731	+	0.006722
Larp1	MmuINT0089896	chr11	57856145	57856245	+	0.016513
Larp1	MmuINT0089897	chr11	57856409	57857407	+	0.014551
Larp1	MmuINT0089898	chr11	57857553	57861196	+	0.010704
Larp1	MmuINT0089899	chr11	57861372	57861478	+	0.004091
Larp1b	MmuINT0089900	chr3	40754607	40765529	+	0.013065
Larp1b	MmuINT0089901	chr3	40765589	40766090	+	0.00262
Larp1b	MmuINT0089902	chr3	40766151	40767889	+	0.003205
Larp1b	MmuINT0089903	chr3	40768065	40771286	+	0.002038
Larp1b	MmuINT0089904	chr3	40771428	40773812	+	0.002015
Larp1b	MmuINT0089905	chr3	40773957	40774372	+	0.003169
Larp1b	MmuINT0089906	chr3	40774539	40776282	+	0.003301
Larp4	MmuINT0089917	chr15	99816625	99817833	+	0.000381
Larp4b	MmuINT0089926	chr13	9150165	9150260	+	0.007933
Larp4b	MmuINT0089927	chr13	9150471	9157368	+	0.004482
Larp4b	MmuINT0089928	chr13	9157476	9157796	+	0.008473
Larp4b	MmuINT0089929	chr13	9158049	9163920	+	0.018938
Larp4b	MmuINT0089930	chr13	9163967	9165562	+	0.005867
Larp4b	MmuINT0089931	chr13	9165728	9167923	+	0.016158
Larp4b	MmuINT0089932	chr13	9168049	9168143	+	0.012618
Larp4b	MmuINT0089933	chr13	9168253	9169897	+	0.018753
Larp4b	MmuINT0089934	chr13	9121473	9123148	+	0.01281
Larp4b	MmuINT0089935	chr13	9123209	9136024	+	0.020121
Larp4b	MmuINT0089936	chr13	9136173	9136400	+	0.004708
Larp4b	MmuINT0089937	chr13	9136548	9142999	+	0.005896
Larp4b	MmuINT0089938	chr13	9143079	9144627	+	0.005887
Larp4b	MmuINT0089939	chr13	9144765	9146646	+	0.005713
Larp4b	MmuINT0089940	chr13	9146751	9149071	+	0.008748
Larp4b	MmuINT0089941	chr13	9149183	9150110	+	0.010829
Larp7	MmuINT0089944	chr3	1.27E+08	1.27E+08	-	0.011717
Larp7	MmuINT0089945	chr3	1.27E+08	1.27E+08	-	0.004814
Larp7	MmuINT0089946	chr3	1.27E+08	1.27E+08	-	0.010697
Larp7	MmuINT0089948	chr3	1.27E+08	1.27E+08	-	0.005255
Larp7	MmuINT0089949	chr3	1.27E+08	1.27E+08	-	0.016458
Larp7	MmuINT0089953	chr3	1.27E+08	1.27E+08	-	0.002664
Larp7	MmuINT0089955	chr3	1.27E+08	1.27E+08	-	0.005998
Lars	MmuINT0089956	chr18	42416849	42421614	-	0.009484
Lars	MmuINT0089957	chr18	42396481	42401556	-	0.006956
Lars	MmuINT0089958	chr18	42396314	42396392	-	0.009292

Lars	MmuINT0089959	chr18	42395193	42396236	-	0.011312
Lars	MmuINT0089960	chr18	42394376	42395138	-	0.008267
Lars	MmuINT0089961	chr18	42393532	42394234	-	0.008636
Lars	MmuINT0089962	chr18	42389682	42393453	-	0.021193
Lars	MmuINT0089963	chr18	42389511	42389595	-	0.007392
Lars	MmuINT0089964	chr18	42389366	42389444	-	0.00972
Lars	MmuINT0089965	chr18	42388451	42389282	-	0.009418
Lars	MmuINT0089966	chr18	42387873	42388311	-	0.006411
Lars	MmuINT0089967	chr18	42411035	42416723	-	0.008129
Lars	MmuINT0089968	chr18	42386948	42387659	-	0.00756
Lars	MmuINT0089969	chr18	42385472	42386889	-	0.020247
Lars	MmuINT0089970	chr18	42381317	42385407	-	0.013704
Lars	MmuINT0089971	chr18	42379603	42381132	-	0.014729
Lars	MmuINT0089972	chr18	42378299	42379511	-	0.033386
Lars	MmuINT0089973	chr18	42377263	42378157	-	0.00526
Lars	MmuINT0089974	chr18	42376617	42377121	-	0.009134
Lars	MmuINT0089975	chr18	42374525	42376505	-	0.042394
Lars	MmuINT0089976	chr18	42372267	42374413	-	0.005567
Lars	MmuINT0089977	chr18	42370913	42372161	-	0.005737
Lars	MmuINT0089978	chr18	42410564	42410946	-	0.014735
Lars	MmuINT0089979	chr18	42369807	42370816	-	0.005772
Lars	MmuINT0089980	chr18	42362373	42369673	-	0.007244
Lars	MmuINT0089981	chr18	42405732	42410482	-	0.008976
Lars	MmuINT0089982	chr18	42404565	42405593	-	0.010088
Lars	MmuINT0089983	chr18	42403544	42404402	-	0.01175
Lars	MmuINT0089984	chr18	42402685	42403430	-	0.011082
Lars	MmuINT0089985	chr18	42402426	42402620	-	0.011561
Lars	MmuINT0089986	chr18	42401783	42402357	-	0.010562
Lars2	MmuINT0089987	chr9	1.23E+08	1.23E+08	+	0.008658
Lars2	MmuINT0089988	chr9	1.23E+08	1.23E+08	+	0.008762
Lars2	MmuINT0089989	chr9	1.23E+08	1.23E+08	+	0.005653
Lars2	MmuINT0089990	chr9	1.23E+08	1.23E+08	+	0.005552
Lars2	MmuINT0089991	chr9	1.23E+08	1.23E+08	+	0.007463
Lars2	MmuINT0089992	chr9	1.23E+08	1.23E+08	+	0.008223
Lars2	MmuINT0089993	chr9	1.23E+08	1.23E+08	+	0.015612
Lars2	MmuINT0089994	chr9	1.23E+08	1.23E+08	+	0.027239
Lars2	MmuINT0089995	chr9	1.23E+08	1.23E+08	+	0.021409
Lars2	MmuINT0089996	chr9	1.23E+08	1.23E+08	+	0.00683
Lars2	MmuINT0089997	chr9	1.23E+08	1.23E+08	+	0.008249
Lars2	MmuINT0089998	chr9	1.23E+08	1.23E+08	+	0.006425
Lars2	MmuINT0089999	chr9	1.23E+08	1.23E+08	+	0.004468
Lars2	MmuINT0090000	chr9	1.23E+08	1.23E+08	+	0.008963
Lars2	MmuINT0090001	chr9	1.23E+08	1.23E+08	+	0.010853
Lars2	MmuINT0090002	chr9	1.23E+08	1.23E+08	+	0.018139
Lars2	MmuINT0090003	chr9	1.23E+08	1.23E+08	+	0.011111
Lars2	MmuINT0090004	chr9	1.23E+08	1.23E+08	+	0.011275
Lars2	MmuINT0090005	chr9	1.23E+08	1.23E+08	+	0.008649
Lars2	MmuINT0090006	chr9	1.23E+08	1.23E+08	+	0.01295
Las1l	MmuINT0090007	chrX	93151340	93151996	-	0.00489
Las1l	MmuINT0090008	chrX	93136288	93141749	-	0.002398

Las1l	MmuINT0090009	chrX	93132862	93135637	-	0.005853
Las1l	MmuINT0090011	chrX	93150551	93151213	-	0.011889
Las1l	MmuINT0090012	chrX	93148643	93150480	-	0.022812
Las1l	MmuINT0090013	chrX	93147529	93148560	-	0.003755
Las1l	MmuINT0090014	chrX	93146696	93147246	-	0.01459
Las1l	MmuINT0090015	chrX	93145786	93146648	-	0.141817
Las1l	MmuINT0090016	chrX	93143195	93145675	-	0.010307
Las1l	MmuINT0090017	chrX	93142413	93143108	-	0.292799
Las1l	MmuINT0090018	chrX	93141898	93142205	-	0.003716
Lasp1	MmuINT0090023	chr11	97695017	97695397	+	0.000448
Lasp1	MmuINT0090024	chr11	97695502	97697385	+	0.022652
Lass2	MmuINT0090031	chr3	95119268	95123983	+	0.015699
Lass2	MmuINT0090032	chr3	95126396	95126570	+	0.032675
Lass2	MmuINT0090033	chr3	95124158	95124563	+	0.089084
Lass2	MmuINT0090034	chr3	95124682	95124863	+	0.017426
Lass2	MmuINT0090035	chr3	95124983	95125111	+	0.123072
Lass2	MmuINT0090036	chr3	95125170	95125257	+	0.266564
Lass2	MmuINT0090037	chr3	95125309	95125496	+	0.321664
Lass2	MmuINT0090038	chr3	95125590	95125752	+	0.057131
Lass2	MmuINT0090039	chr3	95125882	95126048	+	0.007963
Lass2	MmuINT0090040	chr3	95126156	95126241	+	0.018882
Lass4	MmuINT0090051	chr8	4493591	4515554	+	0.014077
Lass4	MmuINT0090052	chr8	4523511	4523603	+	0.003731
Lass4	MmuINT0090053	chr8	4515729	4516872	+	0.005329
Lass4	MmuINT0090054	chr8	4516991	4518239	+	0.006784
Lass4	MmuINT0090055	chr8	4518359	4518602	+	0.014157
Lass4	MmuINT0090056	chr8	4518661	4519462	+	0.032284
Lass4	MmuINT0090057	chr8	4519514	4520215	+	0.113788
Lass4	MmuINT0090058	chr8	4520309	4520553	+	0.11629
Lass4	MmuINT0090059	chr8	4520683	4521173	+	0.010497
Lass4	MmuINT0090060	chr8	4521281	4523353	+	0.111827
Lass5	MmuINT0090061	chr15	99581773	99602613	-	0.009017
Lass5	MmuINT0090062	chr15	99577599	99581666	-	0.079123
Lass5	MmuINT0090063	chr15	99576378	99577467	-	0.019539
Lass5	MmuINT0090064	chr15	99572091	99576319	-	0.04781
Lass5	MmuINT0090065	chr15	99571468	99572039	-	0.041537
Lass5	MmuINT0090066	chr15	99570162	99571374	-	0.059152
Lass5	MmuINT0090067	chr15	99569944	99570032	-	0.010441
Lass5	MmuINT0090068	chr15	99569253	99569836	-	0.014716
Lass5	MmuINT0090069	chr15	99566868	99569095	-	0.13703
Lass6	MmuINT0090070	chr2	68699863	68772571	+	0.04923
Lat2	MmuINT0090092	chr5	1.35E+08	1.35E+08	-	0.067533
Lat2	MmuINT0090093	chr5	1.35E+08	1.35E+08	-	0.152728
Lats1	MmuINT0090103	chr10	7401249	7411132	+	0.089634
Lats1	MmuINT0090104	chr10	7411613	7417299	+	0.019277
Lats1	MmuINT0090105	chr10	7417448	7421407	+	0.482802
Lats1	MmuINT0090106	chr10	7422919	7425257	+	0.349265
Lats1	MmuINT0090107	chr10	7425841	7430262	+	0.138139
Lats1	MmuINT0090108	chr10	7430446	7430646	+	0.050998
Lats1	MmuINT0090109	chr10	7430754	7432298	+	0.063868



Lats2	MmuINT0090110	chr14	58353256	58364726	-	0.029024
Lats2	MmuINT0090111	chr14	58321892	58352714	-	0.016618
Lats2	MmuINT0090112	chr14	58319396	58321758	-	0.015107
Lats2	MmuINT0090113	chr14	58316336	58318094	-	0.027965
Lats2	MmuINT0090114	chr14	58315140	58315752	-	0.019272
Lats2	MmuINT0090115	chr14	58313258	58314956	-	0.030682
Lats2	MmuINT0090116	chr14	58310608	58313150	-	0.046036
Layn	MmuINT0090125	chr9	50876302	50881952	-	0.060512
Layn	MmuINT0090126	chr9	50871378	50876143	-	0.120765
Layn	MmuINT0090128	chr9	50867662	50870287	-	0.155905
Layn	MmuINT0090129	chr9	50865762	50867561	-	0.131649
Lbh	MmuINT0090130	chr17	73267919	73270527	+	0.001999
Lbh	MmuINT0090131	chr17	73270631	73288595	+	0.001695
Lbp	MmuINT0090132	chr2	1.58E+08	1.58E+08	+	0.030652
Lbp	MmuINT0090133	chr2	1.58E+08	1.58E+08	+	0.039297
Lbp	MmuINT0090134	chr2	1.58E+08	1.58E+08	+	0.121062
Lbp	MmuINT0090136	chr2	1.58E+08	1.58E+08	+	0.05621
Lbp	MmuINT0090137	chr2	1.58E+08	1.58E+08	+	0.067661
Lbp	MmuINT0090138	chr2	1.58E+08	1.58E+08	+	0.055365
Lbp	MmuINT0090139	chr2	1.58E+08	1.58E+08	+	0.066393
Lbp	MmuINT0090140	chr2	1.58E+08	1.58E+08	+	0.050395
Lbp	MmuINT0090143	chr2	1.58E+08	1.58E+08	+	0.162837
Lbp	MmuINT0090144	chr2	1.58E+08	1.58E+08	+	0.1426
Lbp	MmuINT0090145	chr2	1.58E+08	1.58E+08	+	0.062326
Lbr	MmuINT0090146	chr1	1.84E+08	1.84E+08	-	0.021943
Lbr	MmuINT0090147	chr1	1.84E+08	1.84E+08	-	0.053839
Lbr	MmuINT0090148	chr1	1.84E+08	1.84E+08	-	0.023875
Lbr	MmuINT0090149	chr1	1.84E+08	1.84E+08	-	0.014701
Lbr	MmuINT0090150	chr1	1.84E+08	1.84E+08	-	0.009971
Lbr	MmuINT0090151	chr1	1.84E+08	1.84E+08	-	0.020288
Lbr	MmuINT0090152	chr1	1.84E+08	1.84E+08	-	0.053712
Lbr	MmuINT0090153	chr1	1.84E+08	1.84E+08	-	0.01358
Lbr	MmuINT0090154	chr1	1.84E+08	1.84E+08	-	0.023504
Lbr	MmuINT0090155	chr1	1.84E+08	1.84E+08	-	0.040279
Lbr	MmuINT0090156	chr1	1.84E+08	1.84E+08	-	0.090631
Lbr	MmuINT0090157	chr1	1.84E+08	1.84E+08	-	0.026165
Lbr	MmuINT0090158	chr1	1.84E+08	1.84E+08	-	0.05291
Lcat	MmuINT0090183	chr8	1.08E+08	1.08E+08	-	0.383739
Lclat1	MmuINT0090215	chr17	73511332	73518835	+	0.003358
Lclat1	MmuINT0090216	chr17	73519035	73537214	+	0.004278
Lclat1	MmuINT0090217	chr17	73537362	73546018	+	0.005778
Lclat1	MmuINT0090218	chr17	73546136	73589057	+	0.00713
Lcmt1	MmuINT0090219	chr7	1.31E+08	1.31E+08	+	0.005953
Lcmt1	MmuINT0090220	chr7	1.31E+08	1.31E+08	+	0.014589
Lcmt1	MmuINT0090221	chr7	1.31E+08	1.31E+08	+	0.006737
Lcmt1	MmuINT0090222	chr7	1.31E+08	1.31E+08	+	0.009761
Lcmt1	MmuINT0090223	chr7	1.31E+08	1.31E+08	+	0.009316
Lcmt1	MmuINT0090224	chr7	1.31E+08	1.31E+08	+	0.007836
Lcmt1	MmuINT0090225	chr7	1.31E+08	1.31E+08	+	0.010915
Lcmt1	MmuINT0090226	chr7	1.31E+08	1.31E+08	+	0.010219

Lcmt1	MmuINT0090227	chr7	1.31E+08	1.31E+08	+	0.0233
Lcmt1	MmuINT0090228	chr7	1.31E+08	1.31E+08	+	0.0181
Lcn2	MmuINT0090256	chr2	32242685	32243099	-	0.053925
Lcn2	MmuINT0090257	chr2	32241562	32242547	-	0.078938
Lcn2	MmuINT0090258	chr2	32241346	32241475	-	0.06011
Lcn2	MmuINT0090259	chr2	32241041	32241225	-	0.046949
Lcn2	MmuINT0090260	chr2	32240405	32240938	-	0.043876
Lcor	MmuINT0090298	chr19	41627227	41630097	+	0.087657
Lcor	MmuINT0090299	chr19	41630192	41632800	+	0.054029
Lcorl	MmuINT0090304	chr5	46166761	46167658	-	0.055931
Lcorl	MmuINT0090306	chr5	46127064	46138294	-	0.067377
Lcp1	MmuINT0090309	chr14	75610342	75612137	+	0.010519
Lcp1	MmuINT0090310	chr14	75612334	75614291	+	0.011235
Lcp1	MmuINT0090311	chr14	75614371	75614915	+	0.027522
Lcp1	MmuINT0090312	chr14	75615031	75616134	+	0.020111
Lcp1	MmuINT0090313	chr14	75616269	75623877	+	0.007326
Lcp1	MmuINT0090314	chr14	75624002	75626773	+	0.007769
Lcp1	MmuINT0090316	chr14	75576741	75597883	+	0.041718
Lcp1	MmuINT0090317	chr14	75597971	75599086	+	0.040862
Lcp1	MmuINT0090318	chr14	75599251	75600186	+	0.015585
Lcp1	MmuINT0090319	chr14	75600317	75602442	+	0.00351
Lcp1	MmuINT0090320	chr14	75602576	75604371	+	0.003705
Lcp1	MmuINT0090321	chr14	75604454	75605925	+	0.008055
Lcp1	MmuINT0090323	chr14	75608370	75610245	+	0.030632
Ldb1	MmuINT0090372	chr19	46110856	46119319	-	0.03729
Ldb1	MmuINT0090373	chr19	46107832	46108521	-	0.471515
Ldb1	MmuINT0090374	chr19	46110642	46110752	-	0.015285
Ldb1	MmuINT0090375	chr19	46110490	46110596	-	0.020067
Ldb1	MmuINT0090376	chr19	46110328	46110413	-	0.017344
Ldb1	MmuINT0090377	chr19	46110084	46110224	-	0.006129
Ldb1	MmuINT0090378	chr19	46109437	46109910	-	0.004252
Ldb1	MmuINT0090379	chr19	46109185	46109313	-	0.003581
Ldb1	MmuINT0090380	chr19	46109003	46109100	-	0.007058
Ldb1	MmuINT0090381	chr19	46108671	46108878	-	0.013381
Ldb2	MmuINT0090384	chr5	44933099	45060595	-	0.059125
Ldb2	MmuINT0090385	chr5	44926400	44932925	-	0.04237
Ldb2	MmuINT0090386	chr5	44923984	44926276	-	0.048462
Ldb2	MmuINT0090387	chr5	44871589	44923899	-	0.042521
Ldb2	MmuINT0090388	chr5	44870484	44871464	-	0.056449
Ldb2	MmuINT0090390	chr5	44864752	44867731	-	0.708205
Ldb3	MmuINT0090394	chr14	35385108	35386175	-	0.804786
Ldb3	MmuINT0090395	chr14	35382914	35384903	-	0.589118
Ldb3	MmuINT0090399	chr14	35355794	35357158	-	0.007279
Ldb3	MmuINT0090400	chr14	35355175	35355612	-	0.001436
Ldb3	MmuINT0090401	chr14	35349867	35355053	-	0.003
Ldb3	MmuINT0090402	chr14	35342736	35349750	-	0.01597
Ldb3	MmuINT0090403	chr14	35392514	35401562	-	0.000276
Ldb3	MmuINT0090404	chr14	35391857	35392361	-	0.000261
Ldb3	MmuINT0090405	chr14	35390531	35391780	-	0.016371
Ldb3	MmuINT0090406	chr14	35380754	35390171	-	0.01327

Ldb3	MmuINT0090407	chr14	35380080	35380583	-	0.000225
Ldb3	MmuINT0090408	chr14	35368715	35380042	-	0.010308
Ldb3	MmuINT0090409	chr14	35365509	35368528	-	0.010567
Ldb3	MmuINT0090410	chr14	35357604	35365362	-	0.005467
Ldha	MmuINT0090411	chr7	54102759	54102965	+	0.504578
Ldha	MmuINT0090413	chr7	54104461	54105547	+	0.000006
Ldhb	MmuINT0090419	chr6	1.42E+08	1.42E+08	-	0.000009
Ldhd	MmuINT0090433	chr8	1.14E+08	1.14E+08	-	0.006327
Ldhd	MmuINT0090434	chr8	1.14E+08	1.14E+08	-	0.003411
Ldhd	MmuINT0090435	chr8	1.14E+08	1.14E+08	-	0.006621
Ldhd	MmuINT0090436	chr8	1.14E+08	1.14E+08	-	0.012827
Ldhd	MmuINT0090437	chr8	1.14E+08	1.14E+08	-	0.079741
Ldhd	MmuINT0090438	chr8	1.14E+08	1.14E+08	-	0.066336
Ldhd	MmuINT0090439	chr8	1.14E+08	1.14E+08	-	0.003156
Ldhd	MmuINT0090440	chr8	1.14E+08	1.14E+08	-	0.003155
Ldhd	MmuINT0090441	chr8	1.14E+08	1.14E+08	-	0.00328
Ldhd	MmuINT0090442	chr8	1.14E+08	1.14E+08	-	0.004019
Ldlr	MmuINT0090444	chr9	21544318	21546630	+	0.048398
Ldlr	MmuINT0090445	chr9	21546750	21547100	+	0.057547
Ldlr	MmuINT0090446	chr9	21547241	21548365	+	0.058681
Ldlr	MmuINT0090448	chr9	21548830	21550175	+	0.069543
Ldlr	MmuINT0090449	chr9	21550350	21550805	+	0.060313
Ldlr	MmuINT0090451	chr9	21551751	21552584	+	0.049679
Ldlr	MmuINT0090459	chr9	21544002	21544092	+	0.042991
Ldlrap1	MmuINT0090472	chr4	1.34E+08	1.34E+08	-	0.026301
Ldlrap1	MmuINT0090473	chr4	1.34E+08	1.34E+08	-	0.029525
Ldlrap1	MmuINT0090474	chr4	1.34E+08	1.34E+08	-	0.018199
Ldlrap1	MmuINT0090475	chr4	1.34E+08	1.34E+08	-	0.029765
Ldlrap1	MmuINT0090476	chr4	1.34E+08	1.34E+08	-	0.045734
Ldlrap1	MmuINT0090477	chr4	1.34E+08	1.34E+08	-	0.021011
Ldlrap1	MmuINT0090478	chr4	1.34E+08	1.34E+08	-	0.019037
Ldlrap1	MmuINT0090479	chr4	1.34E+08	1.34E+08	-	0.161026
Lekr1	MmuINT0090508	chr3	65470234	65473011	+	0.068341
Lemd2	MmuINT0090522	chr17	27338623	27340603	-	0.135612
Lemd2	MmuINT0090523	chr17	27336384	27338581	-	0.132902
Lemd2	MmuINT0090524	chr17	27333158	27336307	-	0.038143
Lemd2	MmuINT0090525	chr17	27332350	27333080	-	0.100195
Lemd2	MmuINT0090526	chr17	27330929	27332269	-	0.052157
Lemd2	MmuINT0090527	chr17	27330150	27330782	-	0.026415
Lemd2	MmuINT0090528	chr17	27329980	27330047	-	0.068698
Lemd2	MmuINT0090529	chr17	27327736	27329876	-	0.091972
Lemd3	MmuINT0090530	chr10	1.2E+08	1.2E+08	-	0.03807
Lemd3	MmuINT0090531	chr10	1.2E+08	1.2E+08	-	0.023951
Lemd3	MmuINT0090532	chr10	1.2E+08	1.2E+08	-	0.028421
Lemd3	MmuINT0090533	chr10	1.2E+08	1.2E+08	-	0.016381
Lemd3	MmuINT0090535	chr10	1.2E+08	1.2E+08	-	0.039255
Lemd3	MmuINT0090536	chr10	1.2E+08	1.2E+08	-	0.036346
Lemd3	MmuINT0090538	chr10	1.2E+08	1.2E+08	-	0.046434
Lemd3	MmuINT0090539	chr10	1.2E+08	1.2E+08	-	0.016995
Lemd3	MmuINT0090540	chr10	1.2E+08	1.2E+08	-	0.021899

Lemd3	MmuINT0090541	chr10	1.2E+08	1.2E+08	-	0.020919
Lenep	MmuINT0090542	chr3	89206235	89206321	-	0.98799
Leng1	MmuINT0090543	chr7	3615464	3616917	-	0.003689
Leng1	MmuINT0090544	chr7	3614627	3615283	-	0.006283
Leng1	MmuINT0090545	chr7	3612963	3614372	-	0.006096
Leng8	MmuINT0090546	chr7	4088754	4090297	+	0.050935
Leng8	MmuINT0090547	chr7	4095531	4095654	+	0.00358
Leng8	MmuINT0090548	chr7	4095941	4096313	+	0.008858
Leng8	MmuINT0090549	chr7	4096416	4096496	+	0.015446
Leng8	MmuINT0090550	chr7	4096566	4096656	+	0.00287
Leng8	MmuINT0090551	chr7	4096787	4096867	+	0.007818
Leng8	MmuINT0090552	chr7	4090391	4091020	+	0.008159
Leng8	MmuINT0090553	chr7	4091193	4091537	+	0.004638
Leng8	MmuINT0090554	chr7	4091646	4092624	+	0.012475
Leng8	MmuINT0090555	chr7	4092736	4093633	+	0.019328
Leng8	MmuINT0090556	chr7	4093887	4094098	+	0.006929
Leng8	MmuINT0090557	chr7	4094241	4094435	+	0.003438
Leng8	MmuINT0090558	chr7	4094640	4095020	+	0.245987
Leng8	MmuINT0090559	chr7	4095300	4095389	+	0.009157
Leo1	MmuINT0090560	chr9	75289443	75293041	+	0.013844
Leo1	MmuINT0090561	chr9	75306069	75308812	+	0.011869
Leo1	MmuINT0090562	chr9	75308911	75314000	+	0.012997
Leo1	MmuINT0090563	chr9	75293801	75294908	+	0.010509
Leo1	MmuINT0090564	chr9	75295014	75296108	+	0.012244
Leo1	MmuINT0090565	chr9	75296204	75297163	+	0.013203
Leo1	MmuINT0090566	chr9	75297310	75298294	+	0.011384
Leo1	MmuINT0090567	chr9	75298380	75302430	+	0.011942
Leo1	MmuINT0090568	chr9	75302526	75303447	+	0.016353
Leo1	MmuINT0090569	chr9	75303583	75304864	+	0.013765
Leo1	MmuINT0090570	chr9	75305001	75305881	+	0.010802
Lepre1	MmuINT0090591	chr4	1.19E+08	1.19E+08	+	0.018274
Lepre1	MmuINT0090592	chr4	1.19E+08	1.19E+08	+	0.02254
Lepre1	MmuINT0090593	chr4	1.19E+08	1.19E+08	+	0.046622
Lepre1	MmuINT0090594	chr4	1.19E+08	1.19E+08	+	0.04188
Lepre1	MmuINT0090595	chr4	1.19E+08	1.19E+08	+	0.021592
Lepre1	MmuINT0090596	chr4	1.19E+08	1.19E+08	+	0.021109
Lepre1	MmuINT0090597	chr4	1.19E+08	1.19E+08	+	0.992895
Lepre1	MmuINT0090598	chr4	1.19E+08	1.19E+08	+	0.042504
Lepre1	MmuINT0090599	chr4	1.19E+08	1.19E+08	+	0.028152
Lepre1	MmuINT0090600	chr4	1.19E+08	1.19E+08	+	0.020347
Lepre1	MmuINT0090601	chr4	1.19E+08	1.19E+08	+	0.04504
Lepre1	MmuINT0090602	chr4	1.19E+08	1.19E+08	+	0.031519
Lepre1	MmuINT0090603	chr4	1.19E+08	1.19E+08	+	0.035762
Lepre1	MmuINT0090604	chr4	1.19E+08	1.19E+08	+	0.04126
Lepre1	MmuINT0090605	chr4	1.19E+08	1.19E+08	+	0.029611
Leprel2	MmuINT0090620	chr6	1.25E+08	1.25E+08	-	0.111227
Leprel2	MmuINT0090621	chr6	1.25E+08	1.25E+08	-	0.058186
Leprel2	MmuINT0090622	chr6	1.25E+08	1.25E+08	-	0.197049
Leprel2	MmuINT0090623	chr6	1.25E+08	1.25E+08	-	0.040917
Leprel2	MmuINT0090624	chr6	1.25E+08	1.25E+08	-	0.090263

Leprel2	MmuINT0090625	chr6	1.25E+08	1.25E+08	-	0.022923
Leprel2	MmuINT0090626	chr6	1.25E+08	1.25E+08	-	0.080903
Leprel2	MmuINT0090627	chr6	1.25E+08	1.25E+08	-	0.059947
Leprel2	MmuINT0090628	chr6	1.25E+08	1.25E+08	-	0.300995
Leprel2	MmuINT0090629	chr6	1.25E+08	1.25E+08	-	0.047099
Leprel2	MmuINT0090630	chr6	1.25E+08	1.25E+08	-	0.05928
Leprel2	MmuINT0090631	chr6	1.25E+08	1.25E+08	-	0.353801
Leprel2	MmuINT0090632	chr6	1.25E+08	1.25E+08	-	0.057209
Leprel2	MmuINT0090633	chr6	1.25E+08	1.25E+08	-	0.043314
Leprot	MmuINT0090634	chr4	1.01E+08	1.01E+08	+	0.030185
Leprot	MmuINT0090635	chr4	1.01E+08	1.01E+08	+	0.008195
Leprotl1	MmuINT0090637	chr8	35203891	35209738	-	0.013985
Leprotl1	MmuINT0090638	chr8	35202095	35203814	-	0.010492
Leprotl1	MmuINT0090639	chr8	35200893	35201907	-	0.006697
Letm1	MmuINT0090640	chr5	34121318	34125122	-	0.010732
Letm1	MmuINT0090641	chr5	34089024	34090024	-	0.001728
Letm1	MmuINT0090642	chr5	34087853	34088888	-	0.007422
Letm1	MmuINT0090643	chr5	34086430	34087664	-	0.005898
Letm1	MmuINT0090644	chr5	34085262	34086290	-	0.00291
Letm1	MmuINT0090645	chr5	34112461	34121256	-	0.002789
Letm1	MmuINT0090646	chr5	34105252	34112009	-	0.00191
Letm1	MmuINT0090647	chr5	34104367	34105107	-	0.001577
Letm1	MmuINT0090648	chr5	34103576	34104228	-	0.001777
Letm1	MmuINT0090649	chr5	34095261	34103371	-	0.003287
Letm1	MmuINT0090650	chr5	34091523	34095140	-	0.002097
Letm1	MmuINT0090651	chr5	34090951	34091390	-	0.001918
Letm1	MmuINT0090652	chr5	34090160	34090809	-	0.001916
Letm2	MmuINT0090655	chr8	26704639	26706833	-	0.035891
Letm2	MmuINT0090656	chr8	26703068	26704190	-	0.067615
Letm2	MmuINT0090657	chr8	26697906	26702923	-	0.154632
Letm2	MmuINT0090658	chr8	26697280	26697767	-	0.151951
Letm2	MmuINT0090659	chr8	26695941	26697078	-	0.125934
Letm2	MmuINT0090660	chr8	26692259	26695820	-	0.278117
Letm2	MmuINT0090661	chr8	26690881	26692144	-	0.123119
Letm2	MmuINT0090662	chr8	26690267	26690787	-	0.434642
Letmd1	MmuINT0090663	chr15	1E+08	1E+08	+	0.272224
Letmd1	MmuINT0090664	chr15	1E+08	1E+08	+	0.06259
Letmd1	MmuINT0090665	chr15	1E+08	1E+08	+	0.11776
Letmd1	MmuINT0090666	chr15	1E+08	1E+08	+	0.01694
Letmd1	MmuINT0090667	chr15	1E+08	1E+08	+	0.026673
Letmd1	MmuINT0090668	chr15	1E+08	1E+08	+	0.021306
Letmd1	MmuINT0090669	chr15	1E+08	1E+08	+	0.069878
Letmd1	MmuINT0090670	chr15	1E+08	1E+08	+	0.173586
Lfng	MmuINT0090671	chr5	1.41E+08	1.41E+08	+	0.075856
Lfng	MmuINT0090672	chr5	1.41E+08	1.41E+08	+	0.087339
Lfng	MmuINT0090673	chr5	1.41E+08	1.41E+08	+	0.107366
Lfng	MmuINT0090674	chr5	1.41E+08	1.41E+08	+	0.03086
Lfng	MmuINT0090675	chr5	1.41E+08	1.41E+08	+	0.035146
Lfng	MmuINT0090676	chr5	1.41E+08	1.41E+08	+	0.035344
Lfng	MmuINT0090677	chr5	1.41E+08	1.41E+08	+	0.034234

Lgals1	MmuINT0090678	chr15	78757235	78758399	+	0.001886
Lgals1	MmuINT0090679	chr15	78758480	78760062	+	0.002161
Lgals1	MmuINT0090680	chr15	78760235	78760427	+	0.000389
Lgals3	MmuINT0090693	chr14	47999220	47999727	+	0.080615
Lgals3	MmuINT0090694	chr14	48000094	48001270	+	0.050681
Lgals3	MmuINT0090695	chr14	48001360	48004276	+	0.072777
Lgals3	MmuINT0090696	chr14	48004443	48005199	+	0.04966
Lgals3bp	MmuINT0090697	chr11	1.18E+08	1.18E+08	-	0.014275
Lgals3bp	MmuINT0090698	chr11	1.18E+08	1.18E+08	-	0.009263
Lgals3bp	MmuINT0090699	chr11	1.18E+08	1.18E+08	-	0.024972
Lgals3bp	MmuINT0090700	chr11	1.18E+08	1.18E+08	-	0.020963
Lgals3bp	MmuINT0090701	chr11	1.18E+08	1.18E+08	-	0.04481
Lgals4	MmuINT0090703	chr7	29625314	29625432	+	0.010456
Lgals8	MmuINT0090716	chr13	12551584	12553693	-	0.147894
Lgals8	MmuINT0090717	chr13	12548700	12551440	-	0.117384
Lgals8	MmuINT0090718	chr13	12547213	12548610	-	0.028393
Lgals8	MmuINT0090719	chr13	12545672	12547001	-	0.019515
Lgals8	MmuINT0090720	chr13	12545046	12545551	-	0.149011
Lgals8	MmuINT0090721	chr13	12543695	12544988	-	0.121612
Lgals8	MmuINT0090722	chr13	12540775	12543667	-	0.052477
Lgals8	MmuINT0090723	chr13	12539580	12540685	-	0.006702
Lgals8	MmuINT0090724	chr13	12533262	12539413	-	0.007029
Lgals9	MmuINT0090726	chr11	78790204	78798279	-	0.018758
Lgals9	MmuINT0090727	chr11	78777044	78779193	-	0.012879
Lgals9	MmuINT0090728	chr11	78786692	78790114	-	0.008682
Lgals9	MmuINT0090729	chr11	78784930	78786489	-	0.018534
Lgals9	MmuINT0090732	chr11	78780997	78781499	-	0.015744
Lgals9	MmuINT0090733	chr11	78780421	78780945	-	0.023223
Lgals9	MmuINT0090734	chr11	78779589	78780378	-	0.079087
Lgals9	MmuINT0090735	chr11	78779357	78779499	-	0.02616
Lgmn	MmuINT0090764	chr12	1.04E+08	1.04E+08	-	0.003492
Lgmn	MmuINT0090765	chr12	1.04E+08	1.04E+08	-	0.006472
Lgmn	MmuINT0090766	chr12	1.04E+08	1.04E+08	-	0.002411
Lgmn	MmuINT0090767	chr12	1.04E+08	1.04E+08	-	0.007509
Lgmn	MmuINT0090768	chr12	1.04E+08	1.04E+08	-	0.003375
Lgmn	MmuINT0090769	chr12	1.04E+08	1.04E+08	-	0.003595
Lgmn	MmuINT0090770	chr12	1.04E+08	1.04E+08	-	0.006973
Lgmn	MmuINT0090771	chr12	1.04E+08	1.04E+08	-	0.00494
Lgmn	MmuINT0090772	chr12	1.04E+08	1.04E+08	-	0.003655
Lgmn	MmuINT0090773	chr12	1.04E+08	1.04E+08	-	0.002931
Lgmn	MmuINT0090774	chr12	1.04E+08	1.04E+08	-	0.004412
Lgmn	MmuINT0090775	chr12	1.04E+08	1.04E+08	-	0.00292
Lgmn	MmuINT0090776	chr12	1.04E+08	1.04E+08	-	0.003289
Lgr4	MmuINT0090777	chr2	1.1E+08	1.1E+08	+	0.040276
Lgr4	MmuINT0090778	chr2	1.1E+08	1.1E+08	+	0.030334
Lgr4	MmuINT0090779	chr2	1.1E+08	1.1E+08	+	0.028024
Lgr4	MmuINT0090780	chr2	1.1E+08	1.1E+08	+	0.039192
Lgr4	MmuINT0090781	chr2	1.1E+08	1.1E+08	+	0.026734
Lgr4	MmuINT0090782	chr2	1.1E+08	1.1E+08	+	0.048724
Lgr4	MmuINT0090783	chr2	1.1E+08	1.1E+08	+	0.044418

Lgr4	MmuINT0090784	chr2	1.1E+08	1.1E+08	+	0.021184
Lgr4	MmuINT0090785	chr2	1.1E+08	1.1E+08	+	0.016052
Lgr4	MmuINT0090786	chr2	1.1E+08	1.1E+08	+	0.022369
Lgr4	MmuINT0090787	chr2	1.1E+08	1.1E+08	+	0.023367
Lgr4	MmuINT0090788	chr2	1.1E+08	1.1E+08	+	0.014547
Lgr4	MmuINT0090789	chr2	1.1E+08	1.1E+08	+	0.011595
Lgr4	MmuINT0090790	chr2	1.1E+08	1.1E+08	+	0.041751
Lgr4	MmuINT0090791	chr2	1.1E+08	1.1E+08	+	0.023913
Lgr4	MmuINT0090792	chr2	1.1E+08	1.1E+08	+	0.024144
Lgr4	MmuINT0090793	chr2	1.1E+08	1.1E+08	+	0.020296
Lgr6	MmuINT0090816	chr1	1.37E+08	1.37E+08	-	0.024979
Lgr6	MmuINT0090819	chr1	1.37E+08	1.37E+08	-	0.010532
Lhfp	MmuINT0090859	chr3	52845697	52847040	+	0.032518
Lhfp	MmuINT0090860	chr3	52847614	53035651	+	0.007586
Lhfp	MmuINT0090861	chr3	53035751	53064412	+	0.006392
Lhpp	MmuINT0090877	chr7	1.4E+08	1.4E+08	+	0.009621
Lhpp	MmuINT0090878	chr7	1.4E+08	1.4E+08	+	0.009344
Lhpp	MmuINT0090879	chr7	1.4E+08	1.4E+08	+	0.006392
Lhpp	MmuINT0090880	chr7	1.4E+08	1.4E+08	+	0.014921
Lhpp	MmuINT0090881	chr7	1.4E+08	1.4E+08	+	0.009952
Lhpp	MmuINT0090882	chr7	1.4E+08	1.4E+08	+	0.008833
Lias	MmuINT0090927	chr5	65782913	65783458	+	0.004276
Lias	MmuINT0090928	chr5	65796681	65799973	+	0.013539
Lias	MmuINT0090929	chr5	65783629	65785179	+	0.0056
Lias	MmuINT0090930	chr5	65785274	65786603	+	0.004863
Lias	MmuINT0090931	chr5	65786685	65788841	+	0.029882
Lias	MmuINT0090932	chr5	65788999	65789069	+	0.016216
Lias	MmuINT0090933	chr5	65789128	65791085	+	0.005475
Lias	MmuINT0090934	chr5	65791215	65793849	+	0.007511
Lias	MmuINT0090935	chr5	65793996	65795406	+	0.00593
Lias	MmuINT0090936	chr5	65795478	65796568	+	0.016092
Lifr	MmuINT0090945	chr15	7125706	7127431	+	0.021785
Lifr	MmuINT0090946	chr15	7127595	7127903	+	0.022198
Lifr	MmuINT0090947	chr15	7127975	7128798	+	0.033116
Lifr	MmuINT0090948	chr15	7129013	7131852	+	0.03373
Lifr	MmuINT0090949	chr15	7132033	7134716	+	0.053564
Lifr	MmuINT0090950	chr15	7134819	7135565	+	0.120261
Lifr	MmuINT0090951	chr15	7135734	7136865	+	0.071568
Lifr	MmuINT0090952	chr15	7137028	7138074	+	0.047096
Lifr	MmuINT0090953	chr15	7138169	7140114	+	0.213045
Lifr	MmuINT0090954	chr15	7140194	7140545	+	0.044608
Lifr	MmuINT0090955	chr15	7104548	7107155	+	0.024611
Lifr	MmuINT0090956	chr15	7107268	7109390	+	0.015674
Lifr	MmuINT0090957	chr15	7109522	7114528	+	0.014226
Lifr	MmuINT0090958	chr15	7114693	7116882	+	0.072092
Lifr	MmuINT0090959	chr15	7117058	7119011	+	0.131566
Lifr	MmuINT0090960	chr15	7119267	7122855	+	0.238109
Lifr	MmuINT0090961	chr15	7122986	7123390	+	0.021405
Lifr	MmuINT0090962	chr15	7123561	7125559	+	0.026215
Lig1	MmuINT0090971	chr7	13884489	13885610	+	0.066644

Lig1	MmuINT0090972	chr7	13885697	13886279	+	0.090524
Lig1	MmuINT0090974	chr7	13886829	13888532	+	0.057737
Lig1	MmuINT0090975	chr7	13865571	13867801	+	0.073311
Lig1	MmuINT0090979	chr7	13891645	13892867	+	0.051809
Lig1	MmuINT0090981	chr7	13893874	13894461	+	0.06337
Lig1	MmuINT0090982	chr7	13894606	13896357	+	0.116849
Lig1	MmuINT0090983	chr7	13896451	13896544	+	0.057137
Lig1	MmuINT0090985	chr7	13870742	13871906	+	0.060172
Lig1	MmuINT0090986	chr7	13872034	13874012	+	0.028815
Lig1	MmuINT0090987	chr7	13874109	13874742	+	0.198083
Lig1	MmuINT0090988	chr7	13874845	13876535	+	0.065671
Lig3	MmuINT0090991	chr11	82594779	82596847	+	0.048194
Lig3	MmuINT0090992	chr11	82607508	82608005	+	0.023525
Lig3	MmuINT0090993	chr11	82608086	82608866	+	0.029586
Lig3	MmuINT0090994	chr11	82608955	82609210	+	0.112539
Lig3	MmuINT0090995	chr11	82609289	82609529	+	0.031412
Lig3	MmuINT0090996	chr11	82609654	82610807	+	0.052108
Lig3	MmuINT0090997	chr11	82610951	82611275	+	0.035931
Lig3	MmuINT0090998	chr11	82611351	82611757	+	0.024682
Lig3	MmuINT0090999	chr11	82611905	82612923	+	0.012914
Lig3	MmuINT0091000	chr11	82613123	82613677	+	0.018082
Lig3	MmuINT0091001	chr11	82613800	82614782	+	0.015671
Lig3	MmuINT0091002	chr11	82597402	82598816	+	0.01422
Lig3	MmuINT0091003	chr11	82598961	82601129	+	0.014957
Lig3	MmuINT0091004	chr11	82601331	82602265	+	0.021437
Lig3	MmuINT0091005	chr11	82602418	82603048	+	0.016885
Lig3	MmuINT0091006	chr11	82603216	82603318	+	0.018266
Lig3	MmuINT0091007	chr11	82603397	82603974	+	0.029297
Lig3	MmuINT0091008	chr11	82604144	82605538	+	0.022255
Lig3	MmuINT0091009	chr11	82605695	82607375	+	0.021968
Lilrb3	MmuINT0091026	chr7	3665737	3665810	-	0.100813
Lilrb3	MmuINT0091027	chr7	3665475	3665698	-	0.282736
Lilrb3	MmuINT0091028	chr7	3664666	3665421	-	0.260434
Lilrb3	MmuINT0091029	chr7	3664433	3664509	-	0.38685
Lilrb3	MmuINT0091035	chr7	3666306	3667283	-	0.137078
Lima1	MmuINT0091050	chr15	99637003	99638089	-	0.025866
Lima1	MmuINT0091051	chr15	99632644	99636853	-	0.123036
Lima1	MmuINT0091052	chr15	99627231	99632541	-	0.053428
Lima1	MmuINT0091053	chr15	99624950	99627172	-	0.074854
Lima1	MmuINT0091054	chr15	99614085	99624839	-	0.10487
Lima1	MmuINT0091055	chr15	99611722	99613950	-	0.016004
Limch1	MmuINT0091056	chr5	67137245	67249121	+	0.029024
Limch1	MmuINT0091057	chr5	67388486	67389885	+	0.002103
Limch1	MmuINT0091058	chr5	67390044	67390218	+	0.002959
Limch1	MmuINT0091059	chr5	67390628	67393666	+	0.002101
Limch1	MmuINT0091060	chr5	67393889	67407703	+	0.002511
Limch1	MmuINT0091061	chr5	67407795	67408855	+	0.001938
Limch1	MmuINT0091062	chr5	67409017	67413130	+	0.00162
Limch1	MmuINT0091063	chr5	67413237	67417310	+	0.00424
Limch1	MmuINT0091064	chr5	67417352	67418726	+	0.003315



Limch1	MmuINT0091065	chr5	67418808	67419996	+	0.002424
Limch1	MmuINT0091066	chr5	67420090	67420940	+	0.002166
Limch1	MmuINT0091067	chr5	67249193	67273137	+	0.003749
Limch1	MmuINT0091068	chr5	67421046	67422064	+	0.001715
Limch1	MmuINT0091069	chr5	67422190	67424316	+	0.002042
Limch1	MmuINT0091070	chr5	67424439	67425404	+	0.002108
Limch1	MmuINT0091071	chr5	67425529	67435584	+	0.015505
Limch1	MmuINT0091072	chr5	67435694	67437937	+	0.003061
Limch1	MmuINT0091073	chr5	67438041	67445474	+	0.004331
Limch1	MmuINT0091074	chr5	67273208	67344907	+	0.003268
Limch1	MmuINT0091075	chr5	67345015	67350826	+	0.002561
Limch1	MmuINT0091076	chr5	67350858	67352395	+	0.002638
Limch1	MmuINT0091077	chr5	67352507	67360314	+	0.001879
Limch1	MmuINT0091078	chr5	67360511	67365648	+	0.002285
Limch1	MmuINT0091079	chr5	67365902	67384381	+	0.00694
Limch1	MmuINT0091080	chr5	67384418	67388358	+	0.004128
Limd1	MmuINT0091081	chr9	1.23E+08	1.23E+08	+	0.006771
Limd1	MmuINT0091082	chr9	1.23E+08	1.23E+08	+	0.011627
Limd1	MmuINT0091083	chr9	1.23E+08	1.23E+08	+	0.013385
Limd1	MmuINT0091084	chr9	1.23E+08	1.23E+08	+	0.009332
Limd1	MmuINT0091085	chr9	1.23E+08	1.23E+08	+	0.012457
Limd1	MmuINT0091086	chr9	1.23E+08	1.23E+08	+	0.012405
Limd1	MmuINT0091087	chr9	1.23E+08	1.23E+08	+	0.03425
Limd2	MmuINT0091089	chr11	1.06E+08	1.06E+08	-	0.061245
Limd2	MmuINT0091090	chr11	1.06E+08	1.06E+08	-	0.065302
Limd2	MmuINT0091091	chr11	1.06E+08	1.06E+08	-	0.036937
Lime1	MmuINT0091092	chr2	1.81E+08	1.81E+08	+	0.155968
Lime1	MmuINT0091093	chr2	1.81E+08	1.81E+08	+	0.124256
Lime1	MmuINT0091094	chr2	1.81E+08	1.81E+08	+	0.25599
Lime1	MmuINT0091095	chr2	1.81E+08	1.81E+08	+	0.209831
Limk1	MmuINT0091097	chr5	1.35E+08	1.35E+08	-	0.117273
Limk1	MmuINT0091099	chr5	1.35E+08	1.35E+08	-	0.071871
Limk1	MmuINT0091100	chr5	1.35E+08	1.35E+08	-	0.151609
Limk1	MmuINT0091101	chr5	1.35E+08	1.35E+08	-	0.159915
Limk1	MmuINT0091102	chr5	1.35E+08	1.35E+08	-	0.07403
Limk1	MmuINT0091105	chr5	1.35E+08	1.35E+08	-	0.051085
Limk1	MmuINT0091106	chr5	1.35E+08	1.35E+08	-	0.044601
Limk1	MmuINT0091107	chr5	1.35E+08	1.35E+08	-	0.043219
Limk1	MmuINT0091108	chr5	1.35E+08	1.35E+08	-	0.085263
Limk1	MmuINT0091109	chr5	1.35E+08	1.35E+08	-	0.032224
Limk1	MmuINT0091110	chr5	1.35E+08	1.35E+08	-	0.141385
Limk2	MmuINT0091112	chr11	3293020	3309048	-	0.058164
Limk2	MmuINT0091113	chr11	3250452	3250644	-	0.015142
Limk2	MmuINT0091114	chr11	3248663	3250394	-	0.019976
Limk2	MmuINT0091115	chr11	3247752	3248596	-	0.030129
Limk2	MmuINT0091116	chr11	3247111	3247576	-	0.014349
Limk2	MmuINT0091117	chr11	3246396	3247054	-	0.013242
Limk2	MmuINT0091118	chr11	3245888	3246237	-	0.010605
Limk2	MmuINT0091119	chr11	3260590	3292919	-	0.100439
Limk2	MmuINT0091120	chr11	3259108	3260453	-	0.015422

Limk2	MmuINT0091121	chr11	3258302	3258997	-	0.018175
Limk2	MmuINT0091122	chr11	3255920	3258112	-	0.060965
Limk2	MmuINT0091123	chr11	3255473	3255813	-	0.009643
Limk2	MmuINT0091124	chr11	3253467	3255275	-	0.013616
Limk2	MmuINT0091126	chr11	3250777	3252293	-	0.01627
Lims1	MmuINT0091133	chr10	57861929	57870817	+	0.006194
Lims1	MmuINT0091134	chr10	57870885	57872307	+	0.004778
Lims1	MmuINT0091135	chr10	57872429	57872800	+	0.003707
Lims1	MmuINT0091136	chr10	57872951	57875150	+	0.004409
Lims1	MmuINT0091137	chr10	57875302	57876720	+	0.006033
Lims1	MmuINT0091138	chr10	57876814	57879381	+	0.028182
Lims1	MmuINT0091139	chr10	57879431	57881146	+	0.018591
Lims1	MmuINT0091140	chr10	57881223	57884201	+	0.018065
Lims2	MmuINT0091141	chr18	32091205	32101393	+	0.09902
Lims2	MmuINT0091142	chr18	32103860	32104089	+	0.04692
Lims2	MmuINT0091143	chr18	32114240	32114911	+	0.078706
Lims2	MmuINT0091144	chr18	32115063	32115911	+	0.064576
Lims2	MmuINT0091145	chr18	32116005	32116606	+	0.171783
Lims2	MmuINT0091146	chr18	32116656	32116891	+	0.182148
Lims2	MmuINT0091147	chr18	32116968	32117496	+	0.046591
Lin37	MmuINT0091156	chr7	31342696	31342901	-	0.008396
Lin37	MmuINT0091157	chr7	31342314	31342644	-	0.008122
Lin37	MmuINT0091158	chr7	31342205	31342283	-	0.048947
Lin37	MmuINT0091160	chr7	31341009	31341876	-	0.100356
Lin37	MmuINT0091161	chr7	31340781	31340867	-	0.145849
Lin37	MmuINT0091162	chr7	31340628	31340706	-	0.102353
Lin54	MmuINT0091170	chr5	1.01E+08	1.01E+08	-	0.048846
Lin54	MmuINT0091171	chr5	1.01E+08	1.01E+08	-	0.049366
Lin54	MmuINT0091172	chr5	1.01E+08	1.01E+08	-	0.050155
Lin54	MmuINT0091174	chr5	1.01E+08	1.01E+08	-	0.047076
Lin54	MmuINT0091175	chr5	1.01E+08	1.01E+08	-	0.043809
Lin54	MmuINT0091177	chr5	1.01E+08	1.01E+08	-	0.062437
Lin54	MmuINT0091178	chr5	1.01E+08	1.01E+08	-	0.054408
Lin54	MmuINT0091179	chr5	1.01E+08	1.01E+08	-	0.062933
Lin54	MmuINT0091180	chr5	1.01E+08	1.01E+08	-	0.049575
Lin7b	MmuINT0091192	chr7	52623838	52624510	-	0.162327
Lin7c	MmuINT0091194	chr2	1.1E+08	1.1E+08	+	0.019892
Lin7c	MmuINT0091195	chr2	1.1E+08	1.1E+08	+	0.010702
Lin7c	MmuINT0091196	chr2	1.1E+08	1.1E+08	+	0.010314
Lin7c	MmuINT0091197	chr2	1.1E+08	1.1E+08	+	0.139224
Lin9	MmuINT0091199	chr1	1.83E+08	1.83E+08	+	0.061284
Lins	MmuINT0091233	chr7	73856931	73858686	+	0.111477
Lipa	MmuINT0091234	chr19	34598030	34599227	-	0.008005
Lipa	MmuINT0091235	chr19	34585512	34597911	-	0.006615
Lipa	MmuINT0091236	chr19	34583589	34585312	-	0.006618
Lipa	MmuINT0091237	chr19	34581636	34583478	-	0.009289
Lipa	MmuINT0091238	chr19	34576140	34581498	-	0.015863
Lipa	MmuINT0091239	chr19	34574659	34575992	-	0.011584
Lipa	MmuINT0091240	chr19	34569622	34574586	-	0.032763
Lipa	MmuINT0091241	chr19	34568704	34569549	-	0.00906

Lipe	MmuINT0091252	chr7	26170547	26173136	-	0.050889
Lipe	MmuINT0091253	chr7	26170345	26170455	-	0.027682
Lipe	MmuINT0091254	chr7	26169985	26170198	-	0.041684
Lipe	MmuINT0091255	chr7	26169684	26169798	-	0.029728
Lipe	MmuINT0091256	chr7	26168700	26169391	-	0.079471
Lipe	MmuINT0091257	chr7	26168347	26168471	-	0.01585
Lipe	MmuINT0091258	chr7	26165976	26168169	-	0.038421
Lipe	MmuINT0091259	chr7	26165193	26165544	-	0.026352
Lipo1	MmuINT0091324	chr19	33630970	33631596	-	0.008766
Lipt1	MmuINT0091333	chr1	37929171	37931708	+	0.030228
Litaf	MmuINT0091335	chr16	10966743	10993138	-	0.025307
Litaf	MmuINT0091336	chr16	10963507	10966517	-	0.0323
Litaf	MmuINT0091337	chr16	10961145	10963349	-	0.014895
Lix1l	MmuINT0091343	chr3	96405397	96418314	+	0.011731
Lix1l	MmuINT0091344	chr3	96418479	96422523	+	0.011215
Lix1l	MmuINT0091345	chr3	96422665	96425231	+	0.005243
Lix1l	MmuINT0091346	chr3	96425328	96426065	+	0.011285
Lix1l	MmuINT0091347	chr3	96426144	96427586	+	0.004965
Ligl1	MmuINT0091349	chr11	60526544	60526630	+	0.711247
Ligl1	MmuINT0091350	chr11	60513444	60516285	+	0.0576
Ligl1	MmuINT0091351	chr11	60520915	60521082	+	0.026366
Ligl1	MmuINT0091352	chr11	60521151	60522045	+	0.044454
Ligl1	MmuINT0091353	chr11	60522200	60522290	+	0.110189
Ligl1	MmuINT0091354	chr11	60522396	60522936	+	0.14748
Ligl1	MmuINT0091355	chr11	60523230	60523482	+	0.03083
Ligl1	MmuINT0091356	chr11	60523943	60524837	+	0.15769
Ligl1	MmuINT0091357	chr11	60525134	60525501	+	0.023181
Ligl1	MmuINT0091358	chr11	60525767	60525880	+	0.017166
Ligl1	MmuINT0091359	chr11	60525996	60526123	+	0.01597
Ligl1	MmuINT0091360	chr11	60516384	60518170	+	0.100701
Ligl1	MmuINT0091361	chr11	60518253	60518352	+	0.024692
Ligl1	MmuINT0091362	chr11	60518484	60519468	+	0.022348
Ligl1	MmuINT0091363	chr11	60519625	60519694	+	0.146907
Ligl1	MmuINT0091364	chr11	60519858	60519939	+	0.03118
Ligl1	MmuINT0091365	chr11	60520076	60520253	+	0.035611
Ligl1	MmuINT0091366	chr11	60520309	60520460	+	0.067929
Ligl1	MmuINT0091367	chr11	60520616	60520690	+	0.041523
Ligl2	MmuINT0091368	chr11	1.16E+08	1.16E+08	+	0.025262
Ligl2	MmuINT0091369	chr11	1.16E+08	1.16E+08	+	0.031446
Ligl2	MmuINT0091370	chr11	1.16E+08	1.16E+08	+	0.022796
Ligl2	MmuINT0091371	chr11	1.16E+08	1.16E+08	+	0.031936
Ligl2	MmuINT0091372	chr11	1.16E+08	1.16E+08	+	0.019855
Ligl2	MmuINT0091373	chr11	1.16E+08	1.16E+08	+	0.024676
Ligl2	MmuINT0091374	chr11	1.16E+08	1.16E+08	+	0.01337
Ligl2	MmuINT0091375	chr11	1.16E+08	1.16E+08	+	0.027878
Ligl2	MmuINT0091376	chr11	1.16E+08	1.16E+08	+	0.026272
Ligl2	MmuINT0091377	chr11	1.16E+08	1.16E+08	+	0.019279
Ligl2	MmuINT0091378	chr11	1.16E+08	1.16E+08	+	0.015577
Ligl2	MmuINT0091379	chr11	1.16E+08	1.16E+08	+	0.022626
Ligl2	MmuINT0091380	chr11	1.16E+08	1.16E+08	+	0.024694

Llgl2	MmuINT0091381	chr11	1.16E+08	1.16E+08	+	0.044788
Llgl2	MmuINT0091382	chr11	1.16E+08	1.16E+08	+	0.098742
Llgl2	MmuINT0091383	chr11	1.16E+08	1.16E+08	+	0.129017
Llgl2	MmuINT0091384	chr11	1.16E+08	1.16E+08	+	0.028637
Llgl2	MmuINT0091385	chr11	1.16E+08	1.16E+08	+	0.029013
Llgl2	MmuINT0091386	chr11	1.16E+08	1.16E+08	+	0.031317
Llgl2	MmuINT0091387	chr11	1.16E+08	1.16E+08	+	0.04403
Llgl2	MmuINT0091388	chr11	1.16E+08	1.16E+08	+	0.018525
Llgl2	MmuINT0091389	chr11	1.16E+08	1.16E+08	+	0.024015
Llgl2	MmuINT0091390	chr11	1.16E+08	1.16E+08	+	0.031273
Llgl2	MmuINT0091391	chr11	1.16E+08	1.16E+08	+	0.02824
Llgl2	MmuINT0091392	chr11	1.16E+08	1.16E+08	+	0.017251
Lman1	MmuINT0091395	chr18	66158375	66162027	-	0.005328
Lman1	MmuINT0091396	chr18	66147560	66150985	-	0.007543
Lman1	MmuINT0091397	chr18	66143929	66147408	-	0.020111
Lman1	MmuINT0091398	chr18	66158137	66158219	-	0.004428
Lman1	MmuINT0091399	chr18	66157316	66158028	-	0.007375
Lman1	MmuINT0091400	chr18	66156436	66157253	-	0.00668
Lman1	MmuINT0091401	chr18	66154563	66156335	-	0.009943
Lman1	MmuINT0091402	chr18	66153292	66154438	-	0.007703
Lman1	MmuINT0091403	chr18	66152862	66153232	-	0.003866
Lman1	MmuINT0091404	chr18	66151342	66152728	-	0.004107
Lman1	MmuINT0091405	chr18	66151057	66151147	-	0.003753
Lman2	MmuINT0091418	chr13	55463601	55463748	-	0.004597
Lman2	MmuINT0091419	chr13	55454425	55463481	-	0.003449
Lman2	MmuINT0091420	chr13	55453152	55454306	-	0.003189
Lman2	MmuINT0091421	chr13	55452903	55453071	-	0.003342
Lman2	MmuINT0091422	chr13	55452632	55452740	-	0.003233
Lman2	MmuINT0091423	chr13	55449796	55452516	-	0.010569
Lman2l	MmuINT0091425	chr1	36500455	36501894	-	0.019577
Lman2l	MmuINT0091426	chr1	36496572	36500335	-	0.035835
Lman2l	MmuINT0091427	chr1	36495678	36496453	-	0.021228
Lman2l	MmuINT0091428	chr1	36485307	36495594	-	0.030673
Lman2l	MmuINT0091429	chr1	36485062	36485144	-	0.00325
Lman2l	MmuINT0091430	chr1	36481803	36484946	-	0.004363
Lman2l	MmuINT0091431	chr1	36481349	36481682	-	0.028019
Lmbr1	MmuINT0091432	chr5	29690496	29704666	-	0.027803
Lmbr1	MmuINT0091433	chr5	29585296	29589934	-	0.05122
Lmbr1	MmuINT0091434	chr5	29584676	29585218	-	0.092241
Lmbr1	MmuINT0091435	chr5	29581160	29584597	-	0.064109
Lmbr1	MmuINT0091436	chr5	29580873	29581085	-	0.029954
Lmbr1	MmuINT0091437	chr5	29579350	29580781	-	0.020679
Lmbr1	MmuINT0091438	chr5	29561680	29579282	-	0.022525
Lmbr1	MmuINT0091439	chr5	29559689	29561517	-	0.024475
Lmbr1	MmuINT0091440	chr5	29687628	29690422	-	0.037682
Lmbr1	MmuINT0091441	chr5	29673447	29687587	-	0.025736
Lmbr1	MmuINT0091442	chr5	29650446	29673306	-	0.026602
Lmbr1	MmuINT0091443	chr5	29619490	29650341	-	0.016079
Lmbr1	MmuINT0091444	chr5	29618761	29619362	-	0.024342
Lmbr1	MmuINT0091445	chr5	29617878	29618691	-	0.032821

Lmbr1	MmuINT0091446	chr5	29614004	29617812	-	0.017287
Lmbr1	MmuINT0091447	chr5	29590016	29613930	-	0.03232
Lmbr1l	MmuINT0091448	chr15	98745653	98748280	-	0.191536
Lmbr1l	MmuINT0091449	chr15	98739028	98739106	-	0.263453
Lmbr1l	MmuINT0091450	chr15	98738403	98738950	-	0.071148
Lmbr1l	MmuINT0091451	chr15	98738042	98738324	-	0.082121
Lmbr1l	MmuINT0091452	chr15	98736766	98737967	-	0.172146
Lmbr1l	MmuINT0091454	chr15	98735258	98736346	-	0.073104
Lmbr1l	MmuINT0091455	chr15	98734940	98735095	-	0.025339
Lmbr1l	MmuINT0091456	chr15	98744022	98745567	-	0.083982
Lmbr1l	MmuINT0091457	chr15	98742969	98743987	-	0.107607
Lmbr1l	MmuINT0091458	chr15	98742679	98742828	-	0.027086
Lmbr1l	MmuINT0091459	chr15	98742054	98742574	-	0.022735
Lmbr1l	MmuINT0091460	chr15	98739888	98741926	-	0.314736
Lmbr1l	MmuINT0091461	chr15	98739699	98739818	-	0.162962
Lmbr1l	MmuINT0091463	chr15	98739191	98739279	-	0.2151
Lmbrd1	MmuINT0091464	chr1	24685656	24742241	+	0.014849
Lmbrd1	MmuINT0091465	chr1	24800793	24801100	+	0.03206
Lmbrd1	MmuINT0091466	chr1	24801204	24801710	+	0.012072
Lmbrd1	MmuINT0091467	chr1	24801816	24803649	+	0.006209
Lmbrd1	MmuINT0091468	chr1	24803800	24805644	+	0.007689
Lmbrd1	MmuINT0091469	chr1	24805724	24819036	+	0.00616
Lmbrd1	MmuINT0091470	chr1	24819129	24819467	+	0.008082
Lmbrd1	MmuINT0091471	chr1	24742419	24749785	+	0.010326
Lmbrd1	MmuINT0091472	chr1	24749847	24761665	+	0.006849
Lmbrd1	MmuINT0091473	chr1	24761764	24762821	+	0.009044
Lmbrd1	MmuINT0091474	chr1	24762890	24768356	+	0.010915
Lmbrd1	MmuINT0091475	chr1	24768446	24771753	+	0.009534
Lmbrd1	MmuINT0091476	chr1	24771828	24785390	+	0.005177
Lmbrd1	MmuINT0091477	chr1	24785517	24788591	+	0.004998
Lmbrd1	MmuINT0091478	chr1	24788745	24800727	+	0.015494
Lmbrd2	MmuINT0091479	chr15	9070497	9078731	+	0.041138
Lmbrd2	MmuINT0091480	chr15	9105062	9105541	+	0.031293
Lmbrd2	MmuINT0091481	chr15	9105676	9107407	+	0.035763
Lmbrd2	MmuINT0091482	chr15	9107514	9108017	+	0.043787
Lmbrd2	MmuINT0091483	chr15	9108116	9112240	+	0.058766
Lmbrd2	MmuINT0091484	chr15	9112345	9113665	+	0.036905
Lmbrd2	MmuINT0091485	chr15	9113713	9116351	+	0.043326
Lmbrd2	MmuINT0091486	chr15	9116458	9124430	+	0.026249
Lmbrd2	MmuINT0091487	chr15	9124558	9126411	+	0.032593
Lmbrd2	MmuINT0091488	chr15	9078962	9079210	+	0.036851
Lmbrd2	MmuINT0091489	chr15	9079309	9081239	+	0.039702
Lmbrd2	MmuINT0091490	chr15	9081336	9085961	+	0.037582
Lmbrd2	MmuINT0091491	chr15	9086130	9086968	+	0.024956
Lmbrd2	MmuINT0091492	chr15	9087180	9095543	+	0.046451
Lmbrd2	MmuINT0091493	chr15	9095619	9100852	+	0.045546
Lmbrd2	MmuINT0091494	chr15	9100967	9101812	+	0.030808
Lmbrd2	MmuINT0091495	chr15	9101997	9104879	+	0.055756
Lmcd1	MmuINT0091496	chr6	1.12E+08	1.12E+08	+	0.027008
Lmcd1	MmuINT0091497	chr6	1.12E+08	1.12E+08	+	0.007014

Lmcd1	MmuINT0091498	chr6	1.12E+08	1.12E+08	+	0.003734
Lmcd1	MmuINT0091499	chr6	1.12E+08	1.12E+08	+	0.008268
Lmcd1	MmuINT0091500	chr6	1.12E+08	1.12E+08	+	0.005817
Lmf1	MmuINT0091501	chr17	25716325	25722487	+	0.008876
Lmf1	MmuINT0091502	chr17	25793059	25799458	+	0.076976
Lmf1	MmuINT0091505	chr17	25749390	25768679	+	0.028099
Lmf1	MmuINT0091506	chr17	25768746	25782093	+	0.008024
Lmf1	MmuINT0091507	chr17	25782262	25791364	+	0.014872
Lmf1	MmuINT0091508	chr17	25791552	25792032	+	0.020956
Lmf1	MmuINT0091509	chr17	25792187	25792329	+	0.013731
Lmf1	MmuINT0091510	chr17	25792514	25792945	+	0.00596
Lmf2	MmuINT0091511	chr15	89185249	89185786	-	0.178247
Lmf2	MmuINT0091512	chr15	89182959	89183034	-	0.075
Lmf2	MmuINT0091514	chr15	89182511	89182583	-	0.020835
Lmf2	MmuINT0091515	chr15	89182319	89182413	-	0.018489
Lmf2	MmuINT0091516	chr15	89184887	89184994	-	0.171842
Lmf2	MmuINT0091517	chr15	89184729	89184857	-	0.067492
Lmf2	MmuINT0091518	chr15	89184439	89184513	-	0.026312
Lmf2	MmuINT0091519	chr15	89184030	89184259	-	0.007049
Lmf2	MmuINT0091520	chr15	89183776	89183887	-	0.007295
Lmf2	MmuINT0091521	chr15	89183571	89183640	-	0.095227
Lmf2	MmuINT0091522	chr15	89183387	89183464	-	0.039328
Lmf2	MmuINT0091523	chr15	89183218	89183289	-	0.049391
Lmna	MmuINT0091540	chr3	88286023	88286267	-	0.052521
Lmna	MmuINT0091541	chr3	88292354	88306669	-	0.004131
Lmna	MmuINT0091542	chr3	88290856	88292196	-	0.003497
Lmna	MmuINT0091543	chr3	88290553	88290729	-	0.001488
Lmna	MmuINT0091544	chr3	88290252	88290381	-	0.003613
Lmna	MmuINT0091545	chr3	88289070	88290125	-	0.001367
Lmna	MmuINT0091546	chr3	88288760	88288848	-	0.007315
Lmna	MmuINT0091547	chr3	88288077	88288536	-	0.018981
Lmna	MmuINT0091548	chr3	88287869	88287968	-	0.00406
Lmnb1	MmuINT0091550	chr18	56868129	56888054	+	0.034574
Lmnb1	MmuINT0091551	chr18	56909464	56912260	+	0.070672
Lmnb1	MmuINT0091552	chr18	56888212	56888940	+	0.043619
Lmnb1	MmuINT0091553	chr18	56889067	56890623	+	0.038179
Lmnb1	MmuINT0091554	chr18	56890795	56892865	+	0.037237
Lmnb1	MmuINT0091555	chr18	56892992	56899474	+	0.028989
Lmnb1	MmuINT0091556	chr18	56899696	56900340	+	0.057463
Lmnb1	MmuINT0091557	chr18	56900567	56902864	+	0.028587
Lmnb1	MmuINT0091558	chr18	56902970	56907630	+	0.049626
Lmnb1	MmuINT0091559	chr18	56907751	56909352	+	0.072109
Lmnb2	MmuINT0091560	chr10	80372791	80380708	-	0.0704
Lmnb2	MmuINT0091561	chr10	80366068	80366194	-	0.096442
Lmnb2	MmuINT0091562	chr10	80365646	80365956	-	0.058641
Lmnb2	MmuINT0091563	chr10	80370287	80372653	-	0.035174
Lmnb2	MmuINT0091564	chr10	80370022	80370129	-	0.03743
Lmnb2	MmuINT0091565	chr10	80367997	80369895	-	0.050346
Lmnb2	MmuINT0091566	chr10	80367757	80367825	-	0.13253
Lmnb2	MmuINT0091567	chr10	80367519	80367630	-	0.03431

Lmnb2	MmuINT0091568	chr10	80367134	80367297	-	0.03039
Lmnb2	MmuINT0091569	chr10	80366784	80366859	-	0.060694
Lmnb2	MmuINT0091570	chr10	80366315	80366675	-	0.043505
Lmo1	MmuINT0091572	chr7	1.16E+08	1.16E+08	-	0.050634
Lmo1	MmuINT0091573	chr7	1.16E+08	1.16E+08	-	0.04716
Lmo2	MmuINT0091574	chr2	1.04E+08	1.04E+08	+	0.4076
Lmo2	MmuINT0091575	chr2	1.04E+08	1.04E+08	+	0.017777
Lmo2	MmuINT0091576	chr2	1.04E+08	1.04E+08	+	0.066796
Lmo4	MmuINT0091581	chr3	1.44E+08	1.44E+08	-	0.129091
Lmo4	MmuINT0091582	chr3	1.44E+08	1.44E+08	-	0.005506
Lmo4	MmuINT0091583	chr3	1.44E+08	1.44E+08	-	0.00746
Lmo7	MmuINT0091585	chr14	1.02E+08	1.02E+08	+	0.095296
Lmo7	MmuINT0091586	chr14	1.02E+08	1.02E+08	+	0.019545
Lmo7	MmuINT0091587	chr14	1.02E+08	1.02E+08	+	0.001235
Lmo7	MmuINT0091588	chr14	1.02E+08	1.02E+08	+	0.001039
Lmo7	MmuINT0091589	chr14	1.02E+08	1.02E+08	+	0.000895
Lmo7	MmuINT0091590	chr14	1.02E+08	1.02E+08	+	0.001727
Lmo7	MmuINT0091591	chr14	1.02E+08	1.02E+08	+	0.001205
Lmo7	MmuINT0091592	chr14	1.02E+08	1.02E+08	+	0.107996
Lmo7	MmuINT0091593	chr14	1.02E+08	1.02E+08	+	0.001557
Lmo7	MmuINT0091594	chr14	1.02E+08	1.02E+08	+	0.409659
Lmo7	MmuINT0091596	chr14	1.02E+08	1.02E+08	+	0.786648
Lmo7	MmuINT0091597	chr14	1.02E+08	1.02E+08	+	0.022878
Lmo7	MmuINT0091598	chr14	1.02E+08	1.02E+08	+	0.024863
Lmo7	MmuINT0091599	chr14	1.02E+08	1.02E+08	+	0.003214
Lmo7	MmuINT0091600	chr14	1.02E+08	1.02E+08	+	0.001562
Lmo7	MmuINT0091601	chr14	1.02E+08	1.02E+08	+	0.001434
Lmo7	MmuINT0091602	chr14	1.02E+08	1.02E+08	+	0.003559
Lmo7	MmuINT0091603	chr14	1.02E+08	1.02E+08	+	0.000908
Lmo7	MmuINT0091604	chr14	1.02E+08	1.02E+08	+	0.008833
Lmo7	MmuINT0091605	chr14	1.02E+08	1.02E+08	+	0.002797
Lmo7	MmuINT0091606	chr14	1.02E+08	1.02E+08	+	0.934057
Lmo7	MmuINT0091607	chr14	1.02E+08	1.02E+08	+	0.030507
Lmo7	MmuINT0091608	chr14	1.02E+08	1.02E+08	+	0.002623
Lmo7	MmuINT0091609	chr14	1.02E+08	1.02E+08	+	0.001961
Lmo7	MmuINT0091610	chr14	1.02E+08	1.02E+08	+	0.005278
Lmo7	MmuINT0091611	chr14	1.02E+08	1.02E+08	+	0.293247
Lmo7	MmuINT0091612	chr14	1.02E+08	1.02E+08	+	0.090777
Lmo7	MmuINT0091613	chr14	1.02E+08	1.02E+08	+	0.151639
Lmod2	MmuINT0091616	chr6	24548156	24553300	+	0.002083
Lmod2	MmuINT0091617	chr6	24554654	24555185	+	0.002847
Lmod3	MmuINT0091618	chr6	97198559	97202271	-	0.001759
Lmod3	MmuINT0091619	chr6	97188866	97197163	-	0.002939
Lmtk2	MmuINT0091620	chr5	1.45E+08	1.45E+08	+	0.034541
Lmtk2	MmuINT0091621	chr5	1.45E+08	1.45E+08	+	0.022013
Lmtk2	MmuINT0091622	chr5	1.45E+08	1.45E+08	+	0.016834
Lmtk2	MmuINT0091623	chr5	1.45E+08	1.45E+08	+	0.022889
Lmtk2	MmuINT0091624	chr5	1.45E+08	1.45E+08	+	0.023544
Lmtk2	MmuINT0091625	chr5	1.45E+08	1.45E+08	+	0.021495
Lmtk2	MmuINT0091626	chr5	1.45E+08	1.45E+08	+	0.01968

Lmtk2	MmuINT0091627	chr5	1.45E+08	1.45E+08	+	0.014626
Lmtk2	MmuINT0091628	chr5	1.45E+08	1.45E+08	+	0.018551
Lmtk2	MmuINT0091629	chr5	1.45E+08	1.45E+08	+	0.023901
Lmtk2	MmuINT0091630	chr5	1.45E+08	1.45E+08	+	0.016818
Lmtk2	MmuINT0091631	chr5	1.45E+08	1.45E+08	+	0.019955
Lmtk2	MmuINT0091632	chr5	1.45E+08	1.45E+08	+	0.019831
Lnp	MmuINT0091664	chr2	74411684	74416875	-	0.027223
Lnp	MmuINT0091665	chr2	74368634	74369932	-	0.037012
Lnp	MmuINT0091666	chr2	74367859	74368562	-	0.022185
Lnp	MmuINT0091667	chr2	74360355	74367687	-	0.022723
Lnp	MmuINT0091668	chr2	74409034	74411594	-	0.031531
Lnp	MmuINT0091669	chr2	74407186	74408991	-	0.042224
Lnp	MmuINT0091670	chr2	74393104	74406997	-	0.025849
Lnp	MmuINT0091673	chr2	74385947	74386031	-	0.033163
Lnp	MmuINT0091674	chr2	74375559	74385894	-	0.037886
Lnp	MmuINT0091675	chr2	74370039	74375360	-	0.032088
Lnpep	MmuINT0091676	chr17	17716337	17761357	-	0.028106
Lnpep	MmuINT0091677	chr17	17689923	17690125	-	0.006215
Lnpep	MmuINT0091678	chr17	17683532	17689833	-	0.010768
Lnpep	MmuINT0091679	chr17	17681932	17683347	-	0.005583
Lnpep	MmuINT0091680	chr17	17675669	17681774	-	0.005329
Lnpep	MmuINT0091681	chr17	17674040	17675483	-	0.010094
Lnpep	MmuINT0091682	chr17	17668243	17673877	-	0.009503
Lnpep	MmuINT0091683	chr17	17667523	17668101	-	0.004942
Lnpep	MmuINT0091684	chr17	17666845	17667440	-	0.011671
Lnpep	MmuINT0091685	chr17	17712352	17715495	-	0.007952
Lnpep	MmuINT0091686	chr17	17711043	17712212	-	0.004853
Lnpep	MmuINT0091687	chr17	17708711	17710910	-	0.007348
Lnpep	MmuINT0091688	chr17	17707993	17708589	-	0.006674
Lnpep	MmuINT0091689	chr17	17705399	17707837	-	0.014165
Lnpep	MmuINT0091690	chr17	17703779	17705284	-	0.010091
Lnpep	MmuINT0091691	chr17	17699849	17703646	-	0.006983
Lnpep	MmuINT0091692	chr17	17690287	17699716	-	0.004595
Lnx1	MmuINT0091693	chr5	75081898	75098816	-	0.055621
Lnx1	MmuINT0091694	chr5	75024387	75081420	-	0.034503
Lnx1	MmuINT0091695	chr5	75023526	75024144	-	0.018504
Lnx1	MmuINT0091696	chr5	75019710	75023372	-	0.018427
Lnx1	MmuINT0091697	chr5	75006837	75015998	-	0.008292
Lnx1	MmuINT0091698	chr5	75003931	75006701	-	0.03484
Lnx1	MmuINT0091699	chr5	75002288	75003761	-	0.019578
Lnx1	MmuINT0091700	chr5	74993960	75002061	-	0.156028
Lnx2	MmuINT0091705	chr5	1.48E+08	1.48E+08	-	0.087655
Lnx2	MmuINT0091706	chr5	1.48E+08	1.48E+08	-	0.019143
Lnx2	MmuINT0091707	chr5	1.48E+08	1.48E+08	-	0.02468
Lnx2	MmuINT0091708	chr5	1.48E+08	1.48E+08	-	0.024219
Lnx2	MmuINT0091709	chr5	1.48E+08	1.48E+08	-	0.021943
Lnx2	MmuINT0091710	chr5	1.48E+08	1.48E+08	-	0.021009
Lnx2	MmuINT0091711	chr5	1.48E+08	1.48E+08	-	0.022419
Lnx2	MmuINT0091712	chr5	1.48E+08	1.48E+08	-	0.033937
Lnx2	MmuINT0091713	chr5	1.48E+08	1.48E+08	-	0.025646



Loh12cr1	MmuINT0091715	chr6	1.35E+08	1.35E+08	+	0.022531
Loh12cr1	MmuINT0091716	chr6	1.35E+08	1.35E+08	+	0.013677
Loh12cr1	MmuINT0091717	chr6	1.35E+08	1.35E+08	+	0.014498
Lonp1	MmuINT0091718	chr17	56762649	56765903	-	0.002721
Lonp1	MmuINT0091719	chr17	56755870	56757176	-	0.008239
Lonp1	MmuINT0091720	chr17	56755676	56755781	-	0.003065
Lonp1	MmuINT0091721	chr17	56755466	56755552	-	0.005761
Lonp1	MmuINT0091722	chr17	56755068	56755348	-	0.012645
Lonp1	MmuINT0091723	chr17	56754839	56754926	-	0.00243
Lonp1	MmuINT0091724	chr17	56754515	56754672	-	0.01141
Lonp1	MmuINT0091725	chr17	56754224	56754296	-	0.002221
Lonp1	MmuINT0091726	chr17	56753987	56754058	-	0.062257
Lonp1	MmuINT0091727	chr17	56761977	56762559	-	0.001583
Lonp1	MmuINT0091728	chr17	56761582	56761856	-	0.001008
Lonp1	MmuINT0091729	chr17	56759999	56761346	-	0.001369
Lonp1	MmuINT0091730	chr17	56759776	56759936	-	0.001737
Lonp1	MmuINT0091731	chr17	56759493	56759645	-	0.003931
Lonp1	MmuINT0091732	chr17	56758816	56759408	-	0.019452
Lonp1	MmuINT0091733	chr17	56757880	56758594	-	0.014531
Lonp1	MmuINT0091734	chr17	56757356	56757740	-	0.003953
Lonp2	MmuINT0091736	chr8	89148316	89155284	+	0.003013
Lonp2	MmuINT0091737	chr8	89191739	89196834	+	0.002784
Lonp2	MmuINT0091738	chr8	89196969	89232831	+	0.006638
Lonp2	MmuINT0091739	chr8	89232975	89237210	+	0.01064
Lonp2	MmuINT0091740	chr8	89237419	89237801	+	0.010837
Lonp2	MmuINT0091741	chr8	89237993	89240148	+	0.008461
Lonp2	MmuINT0091742	chr8	89155520	89157767	+	0.003336
Lonp2	MmuINT0091743	chr8	89157900	89158695	+	0.003026
Lonp2	MmuINT0091744	chr8	89158819	89160377	+	0.002964
Lonp2	MmuINT0091745	chr8	89160542	89161801	+	0.002991
Lonp2	MmuINT0091746	chr8	89161897	89165440	+	0.002913
Lonp2	MmuINT0091747	chr8	89165700	89176074	+	0.007241
Lonp2	MmuINT0091748	chr8	89176217	89189589	+	0.005497
Lonp2	MmuINT0091749	chr8	89189741	89191611	+	0.002541
Lonrf1	MmuINT0091751	chr8	37283033	37285669	-	0.025145
Lonrf1	MmuINT0091752	chr8	37280656	37282879	-	0.027178
Lonrf1	MmuINT0091753	chr8	37297077	37299042	-	0.045418
Lonrf1	MmuINT0091754	chr8	37294242	37296953	-	0.037377
Lonrf1	MmuINT0091755	chr8	37293578	37294091	-	0.02752
Lonrf1	MmuINT0091756	chr8	37293232	37293336	-	0.04674
Lonrf1	MmuINT0091757	chr8	37292305	37293134	-	0.04704
Lonrf1	MmuINT0091758	chr8	37288733	37292189	-	0.042649
Lonrf1	MmuINT0091759	chr8	37286077	37288610	-	0.048371
Lonrf1	MmuINT0091760	chr8	37285833	37285917	-	0.023014
Lox	MmuINT0091784	chr18	52684894	52686554	-	0.051856
Lox	MmuINT0091787	chr18	52678888	52680447	-	0.077791
Loxl1	MmuINT0091826	chr9	58145537	58159492	-	0.015825
Loxl1	MmuINT0091827	chr9	58142304	58145427	-	0.01046
Loxl1	MmuINT0091828	chr9	58141537	58142165	-	0.008658
Loxl1	MmuINT0091829	chr9	58140472	58141379	-	0.016437

Loxl1	MmuINT0091830	chr9	58138678	58140375	-	0.012051
Loxl1	MmuINT0091831	chr9	58136725	58138561	-	0.018508
Loxl2	MmuINT0091833	chr14	70082146	70088834	+	0.096583
Loxl2	MmuINT0091834	chr14	70088951	70089940	+	0.034293
Loxl2	MmuINT0091835	chr14	70090078	70092120	+	0.049
Loxl2	MmuINT0091836	chr14	70092233	70092846	+	0.020857
Loxl2	MmuINT0091837	chr14	70034098	70044502	+	0.082856
Loxl2	MmuINT0091838	chr14	70044679	70060445	+	0.02658
Loxl2	MmuINT0091839	chr14	70060658	70063706	+	0.025341
Loxl2	MmuINT0091840	chr14	70063930	70067073	+	0.044417
Loxl2	MmuINT0091841	chr14	70067258	70073188	+	0.027689
Loxl2	MmuINT0091842	chr14	70073341	70075482	+	0.021028
Loxl2	MmuINT0091843	chr14	70075651	70077619	+	0.02382
Loxl2	MmuINT0091844	chr14	70077783	70081901	+	0.107849
Loxl3	MmuINT0091846	chr6	83000012	83000109	+	0.324702
Loxl3	MmuINT0091847	chr6	83000226	83000301	+	0.084618
Loxl3	MmuINT0091848	chr6	83000439	83000551	+	0.094799
Loxl3	MmuINT0091849	chr6	83000664	83000793	+	0.067478
Loxl3	MmuINT0091850	chr6	82985792	82987422	+	0.063029
Loxl3	MmuINT0091852	chr6	82988604	82997981	+	0.079768
Loxl3	MmuINT0091853	chr6	82998202	82998571	+	0.156346
Loxl3	MmuINT0091854	chr6	82998753	82998862	+	0.275451
Loxl3	MmuINT0091856	chr6	82999346	82999477	+	0.055145
Loxl3	MmuINT0091857	chr6	82999641	82999767	+	0.051895
Lpar1	MmuINT0091873	chr4	58500097	58517493	-	0.042637
Lpar1	MmuINT0091874	chr4	58450507	58499348	-	0.050419
Lpcat1	MmuINT0091887	chr13	73648847	73651267	+	0.046663
Lpcat1	MmuINT0091888	chr13	73651410	73651801	+	0.025044
Lpcat1	MmuINT0091896	chr13	73643033	73647443	+	0.045812
Lpcat3	MmuINT0091911	chr6	1.25E+08	1.25E+08	+	0.007339
Lpcat3	MmuINT0091912	chr6	1.25E+08	1.25E+08	+	0.012562
Lpcat3	MmuINT0091913	chr6	1.25E+08	1.25E+08	+	0.005232
Lpcat3	MmuINT0091914	chr6	1.25E+08	1.25E+08	+	0.006924
Lpcat3	MmuINT0091915	chr6	1.25E+08	1.25E+08	+	0.007636
Lpcat3	MmuINT0091916	chr6	1.25E+08	1.25E+08	+	0.01529
Lpcat3	MmuINT0091917	chr6	1.25E+08	1.25E+08	+	0.012929
Lpcat3	MmuINT0091918	chr6	1.25E+08	1.25E+08	+	0.026247
Lpcat3	MmuINT0091919	chr6	1.25E+08	1.25E+08	+	0.029099
Lpcat3	MmuINT0091920	chr6	1.25E+08	1.25E+08	+	0.012199
Lpcat3	MmuINT0091921	chr6	1.25E+08	1.25E+08	+	0.013073
Lpcat3	MmuINT0091922	chr6	1.25E+08	1.25E+08	+	0.016524
Lpcat4	MmuINT0091924	chr2	1.12E+08	1.12E+08	+	0.110517
Lpcat4	MmuINT0091927	chr2	1.12E+08	1.12E+08	+	0.043825
Lpcat4	MmuINT0091929	chr2	1.12E+08	1.12E+08	+	0.211252
Lpcat4	MmuINT0091933	chr2	1.12E+08	1.12E+08	+	0.15648
Lpcat4	MmuINT0091934	chr2	1.12E+08	1.12E+08	+	0.11119
Lpcat4	MmuINT0091935	chr2	1.12E+08	1.12E+08	+	0.29268
Lpgat1	MmuINT0091936	chr1	1.94E+08	1.94E+08	+	0.196479
Lpgat1	MmuINT0091937	chr1	1.94E+08	1.94E+08	+	0.017248
Lpgat1	MmuINT0091938	chr1	1.94E+08	1.94E+08	+	0.00469

Lpgat1	MmuINT0091939	chr1	1.94E+08	1.94E+08	+	0.003505
Lpgat1	MmuINT0091940	chr1	1.94E+08	1.94E+08	+	0.004184
Lpgat1	MmuINT0091941	chr1	1.94E+08	1.94E+08	+	0.005123
Lpgat1	MmuINT0091942	chr1	1.94E+08	1.94E+08	+	0.018732
Lphn1	MmuINT0091945	chr8	86456591	86456738	+	0.176371
Lphn1	MmuINT0091946	chr8	86456862	86457324	+	0.195945
Lphn1	MmuINT0091948	chr8	86457947	86458325	+	0.137792
Lphn1	MmuINT0091953	chr8	86460088	86461095	+	0.019808
Lphn1	MmuINT0091954	chr8	86461225	86461359	+	0.035595
Lphn1	MmuINT0091956	chr8	86461457	86461547	+	0.031222
Lphn1	MmuINT0091957	chr8	86461677	86461814	+	0.016338
Lphn1	MmuINT0091958	chr8	86461833	86462248	+	0.032827
Lphn2	MmuINT0091966	chr3	1.49E+08	1.49E+08	-	0.00795
Lphn2	MmuINT0091967	chr3	1.49E+08	1.49E+08	-	0.007305
Lphn2	MmuINT0091968	chr3	1.49E+08	1.49E+08	-	0.008859
Lphn2	MmuINT0091969	chr3	1.49E+08	1.49E+08	-	0.005749
Lphn2	MmuINT0091970	chr3	1.48E+08	1.49E+08	-	0.005894
Lphn2	MmuINT0091971	chr3	1.48E+08	1.48E+08	-	0.006256
Lphn2	MmuINT0091972	chr3	1.48E+08	1.48E+08	-	0.020385
Lphn2	MmuINT0091973	chr3	1.48E+08	1.48E+08	-	0.0251
Lphn2	MmuINT0091977	chr3	1.49E+08	1.49E+08	-	0.007979
Lphn2	MmuINT0091978	chr3	1.48E+08	1.48E+08	-	0.007196
Lphn2	MmuINT0091979	chr3	1.48E+08	1.48E+08	-	0.010109
Lphn2	MmuINT0091984	chr3	1.49E+08	1.49E+08	-	0.007289
Lphn2	MmuINT0091985	chr3	1.49E+08	1.49E+08	-	0.008848
Lphn2	MmuINT0091986	chr3	1.49E+08	1.49E+08	-	0.007247
Lpin1	MmuINT0092018	chr12	16587711	16596523	-	0.030064
Lpin1	MmuINT0092019	chr12	16569263	16570427	-	0.003721
Lpin1	MmuINT0092020	chr12	16567858	16569168	-	0.002261
Lpin1	MmuINT0092021	chr12	16565308	16567787	-	0.002909
Lpin1	MmuINT0092022	chr12	16560835	16565214	-	0.003019
Lpin1	MmuINT0092023	chr12	16555810	16560754	-	0.008726
Lpin1	MmuINT0092025	chr12	16553614	16554291	-	0.002736
Lpin1	MmuINT0092026	chr12	16551603	16553526	-	0.003556
Lpin1	MmuINT0092027	chr12	16548635	16551449	-	0.00507
Lpin1	MmuINT0092028	chr12	16547824	16548519	-	0.003185
Lpin1	MmuINT0092029	chr12	16586784	16587509	-	0.003042
Lpin1	MmuINT0092030	chr12	16545379	16547719	-	0.007363
Lpin1	MmuINT0092031	chr12	16584062	16586687	-	0.002289
Lpin1	MmuINT0092032	chr12	16580592	16583753	-	0.002261
Lpin1	MmuINT0092033	chr12	16578069	16580465	-	0.004507
Lpin1	MmuINT0092034	chr12	16575326	16577969	-	0.003004
Lpin1	MmuINT0092035	chr12	16572504	16575195	-	0.001749
Lpin1	MmuINT0092036	chr12	16571426	16572196	-	0.002573
Lpin1	MmuINT0092037	chr12	16570619	16571331	-	0.003786
Lpin2	MmuINT0092041	chr17	71588494	71590151	+	0.168085
Lpin2	MmuINT0092042	chr17	71590242	71590983	+	0.064221
Lpin2	MmuINT0092043	chr17	71591067	71591965	+	0.065556
Lpin2	MmuINT0092044	chr17	71592111	71592627	+	0.037214
Lpin2	MmuINT0092045	chr17	71592777	71593264	+	0.150305

Lpin2	MmuINT0092046	chr17	71593352	71594111	+	0.055001
Lpin2	MmuINT0092047	chr17	71594265	71594458	+	0.053506
Lpin2	MmuINT0092048	chr17	71594574	71595755	+	0.065734
Lpin2	MmuINT0092049	chr17	71595860	71596166	+	0.074857
Lpin2	MmuINT0092050	chr17	71564505	71571394	+	0.061495
Lpin2	MmuINT0092051	chr17	71571491	71574279	+	0.052221
Lpin2	MmuINT0092054	chr17	71579736	71580522	+	0.041485
Lpin2	MmuINT0092055	chr17	71580860	71583167	+	0.049656
Lpin2	MmuINT0092056	chr17	71583268	71586725	+	0.056348
Lpin2	MmuINT0092057	chr17	71586914	71587947	+	0.104182
Lpin3	MmuINT0092059	chr2	1.61E+08	1.61E+08	+	0.062133
Lpin3	MmuINT0092060	chr2	1.61E+08	1.61E+08	+	0.042918
Lpin3	MmuINT0092061	chr2	1.61E+08	1.61E+08	+	0.554541
Lpin3	MmuINT0092062	chr2	1.61E+08	1.61E+08	+	0.094159
Lpin3	MmuINT0092063	chr2	1.61E+08	1.61E+08	+	0.271757
Lpin3	MmuINT0092064	chr2	1.61E+08	1.61E+08	+	0.038081
Lpin3	MmuINT0092065	chr2	1.61E+08	1.61E+08	+	0.124751
Lpin3	MmuINT0092066	chr2	1.61E+08	1.61E+08	+	0.13795
Lpin3	MmuINT0092067	chr2	1.61E+08	1.61E+08	+	0.076027
Lpin3	MmuINT0092068	chr2	1.61E+08	1.61E+08	+	0.029275
Lpin3	MmuINT0092069	chr2	1.61E+08	1.61E+08	+	0.028397
Lpin3	MmuINT0092070	chr2	1.61E+08	1.61E+08	+	0.128864
Lpin3	MmuINT0092071	chr2	1.61E+08	1.61E+08	+	0.038828
Lpin3	MmuINT0092072	chr2	1.61E+08	1.61E+08	+	0.06094
Lpin3	MmuINT0092073	chr2	1.61E+08	1.61E+08	+	0.045963
Lpin3	MmuINT0092074	chr2	1.61E+08	1.61E+08	+	0.041126
Lpin3	MmuINT0092075	chr2	1.61E+08	1.61E+08	+	0.046021
Lpin3	MmuINT0092076	chr2	1.61E+08	1.61E+08	+	0.191545
Lpin3	MmuINT0092077	chr2	1.61E+08	1.61E+08	+	0.069469
Lpl	MmuINT0092078	chr8	71404740	71411341	+	0.000145
Lpl	MmuINT0092079	chr8	71411503	71416493	+	0.000161
Lpl	MmuINT0092080	chr8	71416674	71418525	+	0.000087
Lpl	MmuINT0092081	chr8	71418638	71419560	+	0.000078
Lpl	MmuINT0092082	chr8	71419795	71420497	+	0.000196
Lpl	MmuINT0092083	chr8	71420741	71423315	+	0.00043
Lpl	MmuINT0092084	chr8	71423437	71425046	+	0.000391
Lpl	MmuINT0092085	chr8	71425230	71426182	+	0.004344
Lpl	MmuINT0092086	chr8	71426285	71428404	+	0.004511
Lpp	MmuINT0092102	chr16	24762363	24845176	+	0.059759
Lpp	MmuINT0092103	chr16	24845304	24889875	+	0.062115
Lpp	MmuINT0092104	chr16	24890046	24971916	+	0.048784
Lpp	MmuINT0092105	chr16	24972096	24977285	+	0.051314
Lpp	MmuINT0092106	chr16	24977407	24979278	+	0.06006
Lpp	MmuINT0092107	chr16	24393691	24442866	+	0.939393
Lpp	MmuINT0092111	chr16	24608404	24661762	+	0.065212
Lrba	MmuINT0092124	chr3	86108356	86108521	+	0.022818
Lrba	MmuINT0092125	chr3	86108656	86113882	+	0.030176
Lrba	MmuINT0092126	chr3	86113992	86114308	+	0.037396
Lrba	MmuINT0092127	chr3	86114462	86119257	+	0.024045
Lrba	MmuINT0092130	chr3	86123546	86124426	+	0.048208

Lrba	MmuINT0092131	chr3	86124525	86127650	+	0.036599
Lrba	MmuINT0092132	chr3	86127744	86128927	+	0.038019
Lrba	MmuINT0092133	chr3	86129037	86129622	+	0.029962
Lrba	MmuINT0092134	chr3	86029427	86088918	+	0.026202
Lrba	MmuINT0092135	chr3	86129705	86131520	+	0.031139
Lrba	MmuINT0092136	chr3	86131645	86132085	+	0.0222
Lrba	MmuINT0092137	chr3	86132279	86152040	+	0.023907
Lrba	MmuINT0092138	chr3	86153091	86154168	+	0.018483
Lrba	MmuINT0092139	chr3	86154348	86155124	+	0.019505
Lrba	MmuINT0092140	chr3	86155279	86155750	+	0.021496
Lrba	MmuINT0092141	chr3	86155932	86157590	+	0.017562
Lrba	MmuINT0092142	chr3	86157719	86158120	+	0.017109
Lrba	MmuINT0092143	chr3	86158229	86160508	+	0.030595
Lrba	MmuINT0092144	chr3	86160669	86163652	+	0.018888
Lrba	MmuINT0092145	chr3	86089151	86089555	+	0.020002
Lrba	MmuINT0092146	chr3	86164104	86172425	+	0.014004
Lrba	MmuINT0092147	chr3	86172560	86175999	+	0.020263
Lrba	MmuINT0092148	chr3	86176079	86177357	+	0.01954
Lrba	MmuINT0092149	chr3	86177492	86179826	+	0.024705
Lrba	MmuINT0092150	chr3	86179889	86199142	+	0.045188
Lrba	MmuINT0092151	chr3	86199208	86221809	+	0.023315
Lrba	MmuINT0092152	chr3	86221919	86249228	+	0.01306
Lrba	MmuINT0092153	chr3	86249396	86336006	+	0.01589
Lrba	MmuINT0092154	chr3	86336132	86343824	+	0.019089
Lrba	MmuINT0092155	chr3	86343972	86346496	+	0.01823
Lrba	MmuINT0092157	chr3	86346634	86409791	+	0.016144
Lrba	MmuINT0092158	chr3	86409910	86412269	+	0.016754
Lrba	MmuINT0092159	chr3	86412373	86418893	+	0.016374
Lrba	MmuINT0092160	chr3	86419010	86423431	+	0.014997
Lrba	MmuINT0092161	chr3	86423545	86445412	+	0.015149
Lrba	MmuINT0092162	chr3	86445554	86446574	+	0.013375
Lrba	MmuINT0092163	chr3	86446695	86468359	+	0.019967
Lrba	MmuINT0092164	chr3	86468513	86519434	+	0.010794
Lrba	MmuINT0092165	chr3	86519603	86541003	+	0.014654
Lrba	MmuINT0092166	chr3	86541094	86545326	+	0.139578
Lrba	MmuINT0092168	chr3	86545505	86549722	+	0.011377
Lrba	MmuINT0092169	chr3	86555605	86561303	+	0.010714
Lrba	MmuINT0092170	chr3	86561472	86577021	+	0.010793
Lrba	MmuINT0092171	chr3	86577124	86579919	+	0.011178
Lrba	MmuINT0092172	chr3	86584186	86585492	+	0.012928
Lrba	MmuINT0092173	chr3	86099133	86099223	+	0.045665
Lrba	MmuINT0092175	chr3	86100288	86101786	+	0.022109
Lrba	MmuINT0092176	chr3	86101934	86108157	+	0.034343
Lrch1	MmuINT0092177	chr14	75257929	75347190	-	0.041814
Lrch1	MmuINT0092178	chr14	75205360	75207280	-	0.033619
Lrch1	MmuINT0092179	chr14	75204258	75205275	-	0.035192
Lrch1	MmuINT0092180	chr14	75204065	75204167	-	0.030327
Lrch1	MmuINT0092181	chr14	75195899	75204027	-	0.046105
Lrch1	MmuINT0092182	chr14	75195177	75195844	-	0.036915
Lrch1	MmuINT0092185	chr14	75185436	75186087	-	0.027794

Lrch1	MmuINT0092186	chr14	75175466	75185297	-	0.01893
Lrch1	MmuINT0092187	chr14	75156951	75175387	-	0.024921
Lrch1	MmuINT0092188	chr14	75235583	75257783	-	0.019599
Lrch1	MmuINT0092189	chr14	75226511	75235455	-	0.020215
Lrch1	MmuINT0092190	chr14	75219438	75226404	-	0.036232
Lrch1	MmuINT0092191	chr14	75218427	75219300	-	0.021387
Lrch1	MmuINT0092192	chr14	75216940	75218298	-	0.03209
Lrch1	MmuINT0092193	chr14	75213519	75216875	-	0.036111
Lrch1	MmuINT0092194	chr14	75211523	75213412	-	0.02432
Lrch1	MmuINT0092195	chr14	75207349	75211406	-	0.042774
Lrch3	MmuINT0092216	chr16	32914490	32950377	+	0.04708
Lrch3	MmuINT0092217	chr16	32981991	32986061	+	0.022776
Lrch3	MmuINT0092218	chr16	32986114	32986824	+	0.040056
Lrch3	MmuINT0092219	chr16	32986975	32988516	+	0.046846
Lrch3	MmuINT0092220	chr16	32988568	32990350	+	0.083658
Lrch3	MmuINT0092221	chr16	32990405	32993847	+	0.061585
Lrch3	MmuINT0092222	chr16	32993920	32995033	+	0.033492
Lrch3	MmuINT0092223	chr16	32995083	32995891	+	0.121635
Lrch3	MmuINT0092224	chr16	32996000	32997467	+	0.049204
Lrch3	MmuINT0092225	chr16	32997575	32998589	+	0.031133
Lrch3	MmuINT0092226	chr16	32998728	33005749	+	0.031303
Lrch3	MmuINT0092227	chr16	32950523	32952142	+	0.020672
Lrch3	MmuINT0092228	chr16	33005828	33012426	+	0.179558
Lrch3	MmuINT0092229	chr16	32952270	32955385	+	0.026058
Lrch3	MmuINT0092230	chr16	32955492	32959480	+	0.03264
Lrch3	MmuINT0092231	chr16	32959618	32961720	+	0.019426
Lrch3	MmuINT0092232	chr16	32961831	32973965	+	0.02359
Lrch3	MmuINT0092233	chr16	32974060	32975814	+	0.018477
Lrch3	MmuINT0092234	chr16	32975936	32979481	+	0.021925
Lrch3	MmuINT0092235	chr16	32979631	32981913	+	0.020484
Lrch4	MmuINT0092236	chr5	1.38E+08	1.38E+08	+	0.010929
Lrch4	MmuINT0092237	chr5	1.38E+08	1.38E+08	+	0.013269
Lrch4	MmuINT0092238	chr5	1.38E+08	1.38E+08	+	0.041793
Lrch4	MmuINT0092239	chr5	1.38E+08	1.38E+08	+	0.052191
Lrch4	MmuINT0092240	chr5	1.38E+08	1.38E+08	+	0.048123
Lrch4	MmuINT0092241	chr5	1.38E+08	1.38E+08	+	0.072713
Lrch4	MmuINT0092242	chr5	1.38E+08	1.38E+08	+	0.01686
Lrch4	MmuINT0092243	chr5	1.38E+08	1.38E+08	+	0.020408
Lrch4	MmuINT0092244	chr5	1.38E+08	1.38E+08	+	0.072895
Lrch4	MmuINT0092245	chr5	1.38E+08	1.38E+08	+	0.006851
Lrch4	MmuINT0092246	chr5	1.38E+08	1.38E+08	+	0.066905
Lrch4	MmuINT0092247	chr5	1.38E+08	1.38E+08	+	0.032337
Lrch4	MmuINT0092248	chr5	1.38E+08	1.38E+08	+	0.015395
Lrch4	MmuINT0092249	chr5	1.38E+08	1.38E+08	+	0.016598
Lrch4	MmuINT0092250	chr5	1.38E+08	1.38E+08	+	0.059552
Lrch4	MmuINT0092251	chr5	1.38E+08	1.38E+08	+	0.025585
Lrch4	MmuINT0092252	chr5	1.38E+08	1.38E+08	+	0.016019
Lrfn4	MmuINT0092277	chr19	4614515	4614962	-	0.438751
Lrfn4	MmuINT0092278	chr19	4612639	4613155	-	0.067678
Lrg1	MmuINT0092282	chr17	56260368	56261283	-	0.906152

Lrig1	MmuINT0092302	chr6	94613993	94649455	-	0.022088
Lrig1	MmuINT0092303	chr6	94566455	94567239	-	0.024119
Lrig1	MmuINT0092304	chr6	94563722	94566382	-	0.012368
Lrig1	MmuINT0092305	chr6	94561687	94563557	-	0.021644
Lrig1	MmuINT0092306	chr6	94559893	94561365	-	0.010523
Lrig1	MmuINT0092307	chr6	94559123	94559610	-	0.019061
Lrig1	MmuINT0092308	chr6	94558160	94558702	-	0.008062
Lrig1	MmuINT0092309	chr6	94557433	94558033	-	0.018049
Lrig1	MmuINT0092310	chr6	94556358	94557285	-	0.014717
Lrig1	MmuINT0092312	chr6	94604916	94613920	-	0.019073
Lrig1	MmuINT0092313	chr6	94580234	94604840	-	0.013426
Lrig1	MmuINT0092314	chr6	94578098	94580095	-	0.007216
Lrig1	MmuINT0092315	chr6	94576507	94577953	-	0.016708
Lrig1	MmuINT0092316	chr6	94575068	94576362	-	0.026528
Lrig1	MmuINT0092317	chr6	94572753	94574923	-	0.011449
Lrig1	MmuINT0092318	chr6	94570328	94572608	-	0.0197
Lrig1	MmuINT0092319	chr6	94567312	94570246	-	0.018985
Lrig2	MmuINT0092321	chr3	1.04E+08	1.04E+08	-	0.048833
Lrig2	MmuINT0092323	chr3	1.04E+08	1.04E+08	-	0.060657
Lrig2	MmuINT0092324	chr3	1.04E+08	1.04E+08	-	0.038929
Lrig2	MmuINT0092325	chr3	1.04E+08	1.04E+08	-	0.042213
Lrig2	MmuINT0092327	chr3	1.04E+08	1.04E+08	-	0.05072
Lrig2	MmuINT0092328	chr3	1.04E+08	1.04E+08	-	0.050079
Lrig2	MmuINT0092331	chr3	1.04E+08	1.04E+08	-	0.069878
Lrig2	MmuINT0092332	chr3	1.04E+08	1.04E+08	-	0.052025
Lrig2	MmuINT0092333	chr3	1.04E+08	1.04E+08	-	0.055798
Lrig2	MmuINT0092334	chr3	1.04E+08	1.04E+08	-	0.036457
Lrig2	MmuINT0092335	chr3	1.04E+08	1.04E+08	-	0.119593
Lrmp	MmuINT0092362	chr6	1.45E+08	1.45E+08	+	0.055135
Lrp1	MmuINT0092384	chr10	1.27E+08	1.27E+08	-	0.077517
Lrp1	MmuINT0092393	chr10	1.27E+08	1.27E+08	-	0.038131
Lrp1	MmuINT0092394	chr10	1.27E+08	1.27E+08	-	0.036496
Lrp1	MmuINT0092396	chr10	1.27E+08	1.27E+08	-	0.04283
Lrp1	MmuINT0092403	chr10	1.27E+08	1.27E+08	-	0.031379
Lrp1	MmuINT0092404	chr10	1.27E+08	1.27E+08	-	0.037192
Lrp1	MmuINT0092405	chr10	1.27E+08	1.27E+08	-	0.035048
Lrp1	MmuINT0092406	chr10	1.27E+08	1.27E+08	-	0.037482
Lrp1	MmuINT0092407	chr10	1.27E+08	1.27E+08	-	0.037648
Lrp1	MmuINT0092408	chr10	1.27E+08	1.27E+08	-	0.056538
Lrp1	MmuINT0092409	chr10	1.27E+08	1.27E+08	-	0.030469
Lrp1	MmuINT0092410	chr10	1.27E+08	1.27E+08	-	0.024003
Lrp1	MmuINT0092411	chr10	1.27E+08	1.27E+08	-	0.050284
Lrp1	MmuINT0092412	chr10	1.27E+08	1.27E+08	-	0.040606
Lrp1	MmuINT0092413	chr10	1.27E+08	1.27E+08	-	0.026501
Lrp1	MmuINT0092414	chr10	1.27E+08	1.27E+08	-	0.021721
Lrp1	MmuINT0092415	chr10	1.27E+08	1.27E+08	-	0.021114
Lrp1	MmuINT0092416	chr10	1.27E+08	1.27E+08	-	0.023791
Lrp1	MmuINT0092417	chr10	1.27E+08	1.27E+08	-	0.033816
Lrp1	MmuINT0092418	chr10	1.27E+08	1.27E+08	-	0.01737
Lrp1	MmuINT0092419	chr10	1.27E+08	1.27E+08	-	0.062478

Lrp1	MmuINT0092420	chr10	1.27E+08	1.27E+08	-	0.026489
Lrp1	MmuINT0092421	chr10	1.27E+08	1.27E+08	-	0.017298
Lrp1	MmuINT0092423	chr10	1.27E+08	1.27E+08	-	0.022693
Lrp1	MmuINT0092424	chr10	1.27E+08	1.27E+08	-	0.02237
Lrp1	MmuINT0092425	chr10	1.27E+08	1.27E+08	-	0.033125
Lrp1	MmuINT0092426	chr10	1.27E+08	1.27E+08	-	0.01854
Lrp1	MmuINT0092427	chr10	1.27E+08	1.27E+08	-	0.013784
Lrp1	MmuINT0092428	chr10	1.27E+08	1.27E+08	-	0.020061
Lrp1	MmuINT0092429	chr10	1.27E+08	1.27E+08	-	0.035816
Lrp1	MmuINT0092430	chr10	1.27E+08	1.27E+08	-	0.018207
Lrp1	MmuINT0092431	chr10	1.27E+08	1.27E+08	-	0.015471
Lrp1	MmuINT0092432	chr10	1.27E+08	1.27E+08	-	0.038537
Lrp1	MmuINT0092434	chr10	1.27E+08	1.27E+08	-	0.019429
Lrp1	MmuINT0092435	chr10	1.27E+08	1.27E+08	-	0.024426
Lrp1	MmuINT0092436	chr10	1.27E+08	1.27E+08	-	0.0288
Lrp1	MmuINT0092437	chr10	1.27E+08	1.27E+08	-	0.018534
Lrp1	MmuINT0092439	chr10	1.27E+08	1.27E+08	-	0.02384
Lrp1	MmuINT0092440	chr10	1.27E+08	1.27E+08	-	0.021421
Lrp1	MmuINT0092441	chr10	1.27E+08	1.27E+08	-	0.014765
Lrp1	MmuINT0092442	chr10	1.27E+08	1.27E+08	-	0.040174
Lrp1	MmuINT0092443	chr10	1.27E+08	1.27E+08	-	0.015297
Lrp1	MmuINT0092445	chr10	1.27E+08	1.27E+08	-	0.019611
Lrp1	MmuINT0092446	chr10	1.27E+08	1.27E+08	-	0.054386
Lrp1	MmuINT0092447	chr10	1.27E+08	1.27E+08	-	0.028375
Lrp1	MmuINT0092448	chr10	1.27E+08	1.27E+08	-	0.013713
Lrp1	MmuINT0092449	chr10	1.27E+08	1.27E+08	-	0.014521
Lrp1	MmuINT0092450	chr10	1.27E+08	1.27E+08	-	0.023044
Lrp1	MmuINT0092451	chr10	1.27E+08	1.27E+08	-	0.008768
Lrp1	MmuINT0092452	chr10	1.27E+08	1.27E+08	-	0.077766
Lrp1	MmuINT0092453	chr10	1.27E+08	1.27E+08	-	0.113283
Lrp1	MmuINT0092454	chr10	1.27E+08	1.27E+08	-	0.03968
Lrp1	MmuINT0092456	chr10	1.27E+08	1.27E+08	-	0.007658
Lrp1	MmuINT0092457	chr10	1.27E+08	1.27E+08	-	0.010981
Lrp1	MmuINT0092458	chr10	1.27E+08	1.27E+08	-	0.014709
Lrp1	MmuINT0092459	chr10	1.27E+08	1.27E+08	-	0.011429
Lrp1	MmuINT0092460	chr10	1.27E+08	1.27E+08	-	0.010391
Lrp1	MmuINT0092461	chr10	1.27E+08	1.27E+08	-	0.010022
Lrp1	MmuINT0092462	chr10	1.27E+08	1.27E+08	-	0.018592
Lrp1	MmuINT0092463	chr10	1.27E+08	1.27E+08	-	0.015906
Lrp1	MmuINT0092464	chr10	1.27E+08	1.27E+08	-	0.005858
Lrp10	MmuINT0092466	chr14	55083449	55083740	+	0.024082
Lrp10	MmuINT0092467	chr14	55083786	55084410	+	0.011795
Lrp10	MmuINT0092468	chr14	55084547	55086296	+	0.022126
Lrp10	MmuINT0092469	chr14	55086488	55086600	+	0.004778
Lrp10	MmuINT0092470	chr14	55087619	55087872	+	0.030979
Lrp10	MmuINT0092471	chr14	55088003	55088101	+	0.003126
Lrp11	MmuINT0092473	chr10	7316063	7318504	+	0.050566
Lrp11	MmuINT0092475	chr10	7322753	7323971	+	0.050685
Lrp11	MmuINT0092476	chr10	7324182	7328341	+	0.037267
Lrp11	MmuINT0092477	chr10	7328438	7343427	+	0.047121



Lrp12	MmuINT0092481	chr15	39710446	39711665	-	0.112179
Lrp12	MmuINT0092482	chr15	39707766	39709340	-	0.069605
Lrp12	MmuINT0092483	chr15	39704425	39707632	-	0.050411
Lrp3	MmuINT0092665	chr7	35988081	35988286	-	0.050812
Lrp3	MmuINT0092666	chr7	35987689	35987947	-	0.023853
Lrp5	MmuINT0092703	chr19	3659641	3686354	-	0.015831
Lrp5	MmuINT0092704	chr19	3614411	3615652	-	0.006614
Lrp5	MmuINT0092705	chr19	3612522	3614225	-	0.006555
Lrp5	MmuINT0092706	chr19	3610239	3612197	-	0.008196
Lrp5	MmuINT0092707	chr19	3605495	3610038	-	0.00678
Lrp5	MmuINT0092708	chr19	3604193	3605285	-	0.006606
Lrp5	MmuINT0092709	chr19	3602445	3604001	-	0.00507
Lrp5	MmuINT0092710	chr19	3600799	3602234	-	0.007983
Lrp5	MmuINT0092711	chr19	3597481	3600672	-	0.00536
Lrp5	MmuINT0092712	chr19	3593627	3597243	-	0.019495
Lrp5	MmuINT0092713	chr19	3591853	3593515	-	0.011896
Lrp5	MmuINT0092714	chr19	3652331	3659243	-	0.007421
Lrp5	MmuINT0092715	chr19	3591114	3591615	-	0.009965
Lrp5	MmuINT0092716	chr19	3586481	3590973	-	0.013471
Lrp5	MmuINT0092717	chr19	3585292	3586382	-	0.013669
Lrp5	MmuINT0092718	chr19	3649601	3652132	-	0.009148
Lrp5	MmuINT0092719	chr19	3647660	3649403	-	0.005721
Lrp5	MmuINT0092720	chr19	3630471	3647527	-	0.008469
Lrp5	MmuINT0092721	chr19	3628445	3630073	-	0.004445
Lrp5	MmuINT0092722	chr19	3622727	3628272	-	0.006068
Lrp5	MmuINT0092723	chr19	3620305	3622509	-	0.005633
Lrp5	MmuINT0092724	chr19	3615880	3620014	-	0.005259
Lrp6	MmuINT0092726	chr6	1.34E+08	1.34E+08	-	0.008277
Lrp6	MmuINT0092727	chr6	1.34E+08	1.34E+08	-	0.012738
Lrp6	MmuINT0092728	chr6	1.34E+08	1.34E+08	-	0.010801
Lrp6	MmuINT0092729	chr6	1.34E+08	1.34E+08	-	0.013994
Lrp6	MmuINT0092730	chr6	1.34E+08	1.34E+08	-	0.016711
Lrp6	MmuINT0092731	chr6	1.34E+08	1.34E+08	-	0.009644
Lrp6	MmuINT0092732	chr6	1.34E+08	1.34E+08	-	0.012028
Lrp6	MmuINT0092733	chr6	1.34E+08	1.34E+08	-	0.018525
Lrp6	MmuINT0092734	chr6	1.34E+08	1.34E+08	-	0.030915
Lrp6	MmuINT0092735	chr6	1.34E+08	1.34E+08	-	0.019169
Lrp6	MmuINT0092736	chr6	1.34E+08	1.34E+08	-	0.409385
Lrp6	MmuINT0092737	chr6	1.34E+08	1.34E+08	-	0.01675
Lrp6	MmuINT0092738	chr6	1.34E+08	1.34E+08	-	0.015184
Lrp6	MmuINT0092739	chr6	1.34E+08	1.34E+08	-	0.02397
Lrp6	MmuINT0092740	chr6	1.34E+08	1.34E+08	-	0.012644
Lrp6	MmuINT0092741	chr6	1.34E+08	1.34E+08	-	0.022697
Lrp6	MmuINT0092742	chr6	1.34E+08	1.34E+08	-	0.012828
Lrp6	MmuINT0092743	chr6	1.34E+08	1.34E+08	-	0.012952
Lrp6	MmuINT0092744	chr6	1.34E+08	1.34E+08	-	0.008923
Lrp6	MmuINT0092745	chr6	1.34E+08	1.34E+08	-	0.01621
Lrp6	MmuINT0092746	chr6	1.34E+08	1.34E+08	-	0.012072
Lrpap1	MmuINT0092766	chr5	35445189	35448127	-	0.00331
Lrpap1	MmuINT0092767	chr5	35441928	35445043	-	0.009751

Lrpap1	MmuINT0092768	chr5	35440923	35441805	-	0.007489
Lrpap1	MmuINT0092769	chr5	35440339	35440801	-	0.020214
Lrpap1	MmuINT0092770	chr5	35438708	35440179	-	0.014935
Lrpap1	MmuINT0092771	chr5	35437676	35438624	-	0.012399
Lrpprc	MmuINT0092773	chr17	85176475	85189704	-	0.00349
Lrpprc	MmuINT0092774	chr17	85169043	85169339	-	0.001663
Lrpprc	MmuINT0092775	chr17	85166452	85168934	-	0.001967
Lrpprc	MmuINT0092776	chr17	85163886	85166332	-	0.003387
Lrpprc	MmuINT0092777	chr17	85161359	85163791	-	0.003737
Lrpprc	MmuINT0092778	chr17	85155626	85161291	-	0.00413
Lrpprc	MmuINT0092779	chr17	85153939	85155597	-	0.003478
Lrpprc	MmuINT0092780	chr17	85152852	85153880	-	0.002986
Lrpprc	MmuINT0092781	chr17	85152532	85152744	-	0.003201
Lrpprc	MmuINT0092782	chr17	85152114	85152453	-	0.007536
Lrpprc	MmuINT0092783	chr17	85151763	85152068	-	0.003767
Lrpprc	MmuINT0092784	chr17	85174852	85176280	-	0.012554
Lrpprc	MmuINT0092785	chr17	85150695	85151648	-	0.014606
Lrpprc	MmuINT0092786	chr17	85149934	85150563	-	0.001612
Lrpprc	MmuINT0092787	chr17	85148509	85149847	-	0.001698
Lrpprc	MmuINT0092788	chr17	85140009	85148300	-	0.004412
Lrpprc	MmuINT0092789	chr17	85139517	85139883	-	0.00152
Lrpprc	MmuINT0092790	chr17	85131158	85139409	-	0.002176
Lrpprc	MmuINT0092791	chr17	85130576	85131088	-	0.001798
Lrpprc	MmuINT0092792	chr17	85126013	85130484	-	0.00099
Lrpprc	MmuINT0092793	chr17	85125752	85125869	-	0.001211
Lrpprc	MmuINT0092794	chr17	85122164	85125642	-	0.001733
Lrpprc	MmuINT0092795	chr17	85172670	85174728	-	0.002451
Lrpprc	MmuINT0092796	chr17	85116056	85122036	-	0.001926
Lrpprc	MmuINT0092797	chr17	85112235	85115966	-	0.005076
Lrpprc	MmuINT0092798	chr17	85110015	85112032	-	0.000985
Lrpprc	MmuINT0092799	chr17	85109747	85109874	-	0.000846
Lrpprc	MmuINT0092800	chr17	85107503	85109630	-	0.018871
Lrpprc	MmuINT0092801	chr17	85106519	85107427	-	0.003829
Lrpprc	MmuINT0092802	chr17	85105382	85106433	-	0.007713
Lrpprc	MmuINT0092804	chr17	85172443	85172547	-	0.002145
Lrpprc	MmuINT0092805	chr17	85171520	85172383	-	0.00289
Lrpprc	MmuINT0092806	chr17	85170891	85171432	-	0.003197
Lrpprc	MmuINT0092807	chr17	85170328	85170763	-	0.002011
Lrpprc	MmuINT0092808	chr17	85169840	85170182	-	0.00251
Lrpprc	MmuINT0092809	chr17	85169446	85169693	-	0.007837
Lrrc1	MmuINT0092812	chr9	77290100	77299164	-	0.024143
Lrrc1	MmuINT0092813	chr9	77283027	77289983	-	0.010179
Lrrc1	MmuINT0092814	chr9	77281938	77282853	-	0.021595
Lrrc1	MmuINT0092815	chr9	77280088	77281800	-	0.016465
Lrrc1	MmuINT0092816	chr9	77320038	77347040	-	0.015853
Lrrc1	MmuINT0092817	chr9	77316455	77319958	-	0.014874
Lrrc1	MmuINT0092818	chr9	77305935	77316364	-	0.042088
Lrrc1	MmuINT0092819	chr9	77305702	77305877	-	0.015262
Lrrc1	MmuINT0092820	chr9	77305272	77305637	-	0.015663
Lrrc1	MmuINT0092821	chr9	77303110	77305196	-	0.00851

Lrrc1	MmuINT0092822	chr9	77300529	77302964	-	0.010653
Lrrc1	MmuINT0092823	chr9	77299249	77300409	-	0.009277
Lrrc14	MmuINT0092824	chr15	76541267	76541393	+	0.974811
Lrrc14	MmuINT0092825	chr15	76541514	76541851	+	0.942116
Lrrc14	MmuINT0092826	chr15	76541961	76543296	+	0.069688
Lrrc14	MmuINT0092827	chr15	76543651	76543830	+	0.085417
Lrrc14	MmuINT0092828	chr15	76544416	76544509	+	0.081721
Lrrc14b	MmuINT0092829	chr13	74498848	74500520	-	0.175462
Lrrc15	MmuINT0092830	chr16	30274609	30283253	-	0.991626
Lrrc2	MmuINT0092916	chr9	1.11E+08	1.11E+08	+	0.01469
Lrrc2	MmuINT0092917	chr9	1.11E+08	1.11E+08	+	0.009092
Lrrc2	MmuINT0092918	chr9	1.11E+08	1.11E+08	+	0.004127
Lrrc2	MmuINT0092919	chr9	1.11E+08	1.11E+08	+	0.001968
Lrrc2	MmuINT0092920	chr9	1.11E+08	1.11E+08	+	0.032331
Lrrc2	MmuINT0092921	chr9	1.11E+08	1.11E+08	+	0.003472
Lrrc2	MmuINT0092922	chr9	1.11E+08	1.11E+08	+	0.005982
Lrrc20	MmuINT0092923	chr10	60938638	60945083	+	0.125805
Lrrc20	MmuINT0092924	chr10	60945231	60989807	+	0.008334
Lrrc20	MmuINT0092925	chr10	60989958	61010795	+	0.005182
Lrrc20	MmuINT0092926	chr10	61010964	61042877	+	0.008197
Lrrc24	MmuINT0092937	chr15	76546737	76548352	-	0.180024
Lrrc25	MmuINT0092938	chr8	73140926	73141460	+	0.041991
Lrrc25	MmuINT0092939	chr8	73142264	73144462	+	0.09954
Lrrc27	MmuINT0092943	chr7	1.46E+08	1.46E+08	+	0.132558
Lrrc27	MmuINT0092944	chr7	1.46E+08	1.46E+08	+	0.075386
Lrrc27	MmuINT0092945	chr7	1.46E+08	1.46E+08	+	0.10572
Lrrc27	MmuINT0092946	chr7	1.46E+08	1.46E+08	+	0.038312
Lrrc27	MmuINT0092947	chr7	1.46E+08	1.46E+08	+	0.93317
Lrrc27	MmuINT0092948	chr7	1.46E+08	1.46E+08	+	0.012048
Lrrc27	MmuINT0092951	chr7	1.46E+08	1.46E+08	+	0.125362
Lrrc27	MmuINT0092952	chr7	1.46E+08	1.46E+08	+	0.008131
Lrrc28	MmuINT0092957	chr7	74786227	74790063	-	0.034202
Lrrc28	MmuINT0092959	chr7	74763017	74763959	-	0.025785
Lrrc28	MmuINT0092960	chr7	74690355	74704743	-	0.053294
Lrrc28	MmuINT0092961	chr7	74676677	74690251	-	0.023636
Lrrc28	MmuINT0092962	chr7	74674632	74676500	-	0.01698
Lrrc28	MmuINT0092963	chr7	74660065	74674471	-	0.107404
Lrrc29	MmuINT0092965	chr8	1.08E+08	1.08E+08	-	0.647517
Lrrc33	MmuINT0092972	chr16	32145092	32147638	-	0.063753
Lrrc39	MmuINT0092993	chr3	1.16E+08	1.16E+08	+	0.00102
Lrrc39	MmuINT0092994	chr3	1.16E+08	1.16E+08	+	0.012186
Lrrc39	MmuINT0092995	chr3	1.16E+08	1.16E+08	+	0.003505
Lrrc39	MmuINT0092996	chr3	1.16E+08	1.16E+08	+	0.002103
Lrrc39	MmuINT0092997	chr3	1.16E+08	1.16E+08	+	0.02148
Lrrc39	MmuINT0092998	chr3	1.16E+08	1.16E+08	+	0.024208
Lrrc3b	MmuINT0092999	chr14	16191276	16271086	-	0.008695
Lrrc40	MmuINT0093000	chr3	1.58E+08	1.58E+08	+	0.031231
Lrrc40	MmuINT0093001	chr3	1.58E+08	1.58E+08	+	0.025491
Lrrc40	MmuINT0093002	chr3	1.58E+08	1.58E+08	+	0.034265
Lrrc40	MmuINT0093003	chr3	1.58E+08	1.58E+08	+	0.045254

Lrrc40	MmuINT0093004	chr3	1.58E+08	1.58E+08	+	0.02378
Lrrc40	MmuINT0093005	chr3	1.58E+08	1.58E+08	+	0.022816
Lrrc40	MmuINT0093006	chr3	1.58E+08	1.58E+08	+	0.062401
Lrrc40	MmuINT0093007	chr3	1.58E+08	1.58E+08	+	0.074611
Lrrc40	MmuINT0093008	chr3	1.58E+08	1.58E+08	+	0.027554
Lrrc40	MmuINT0093009	chr3	1.58E+08	1.58E+08	+	0.032385
Lrrc40	MmuINT0093010	chr3	1.58E+08	1.58E+08	+	0.034882
Lrrc40	MmuINT0093011	chr3	1.58E+08	1.58E+08	+	0.027246
Lrrc40	MmuINT0093012	chr3	1.58E+08	1.58E+08	+	0.054948
Lrrc40	MmuINT0093013	chr3	1.58E+08	1.58E+08	+	0.042079
Lrrc41	MmuINT0093014	chr4	1.16E+08	1.16E+08	+	0.043613
Lrrc41	MmuINT0093015	chr4	1.16E+08	1.16E+08	+	0.017641
Lrrc41	MmuINT0093016	chr4	1.16E+08	1.16E+08	+	0.013292
Lrrc41	MmuINT0093017	chr4	1.16E+08	1.16E+08	+	0.016301
Lrrc41	MmuINT0093018	chr4	1.16E+08	1.16E+08	+	0.017909
Lrrc41	MmuINT0093019	chr4	1.16E+08	1.16E+08	+	0.025851
Lrrc41	MmuINT0093020	chr4	1.16E+08	1.16E+08	+	0.017019
Lrrc41	MmuINT0093021	chr4	1.16E+08	1.16E+08	+	0.023187
Lrrc41	MmuINT0093022	chr4	1.16E+08	1.16E+08	+	0.017468
Lrrc42	MmuINT0093023	chr4	1.07E+08	1.07E+08	-	0.041109
Lrrc42	MmuINT0093024	chr4	1.07E+08	1.07E+08	-	0.0171
Lrrc42	MmuINT0093025	chr4	1.07E+08	1.07E+08	-	0.015487
Lrrc42	MmuINT0093026	chr4	1.07E+08	1.07E+08	-	0.057224
Lrrc42	MmuINT0093027	chr4	1.07E+08	1.07E+08	-	0.030096
Lrrc42	MmuINT0093028	chr4	1.07E+08	1.07E+08	-	0.022829
Lrrc42	MmuINT0093029	chr4	1.07E+08	1.07E+08	-	0.021639
Lrrc45	MmuINT0093041	chr11	1.21E+08	1.21E+08	+	0.086906
Lrrc45	MmuINT0093042	chr11	1.21E+08	1.21E+08	+	0.082251
Lrrc45	MmuINT0093043	chr11	1.21E+08	1.21E+08	+	0.097013
Lrrc45	MmuINT0093044	chr11	1.21E+08	1.21E+08	+	0.604148
Lrrc45	MmuINT0093045	chr11	1.21E+08	1.21E+08	+	0.744251
Lrrc45	MmuINT0093046	chr11	1.21E+08	1.21E+08	+	0.106897
Lrrc45	MmuINT0093047	chr11	1.21E+08	1.21E+08	+	0.068156
Lrrc45	MmuINT0093048	chr11	1.21E+08	1.21E+08	+	0.034328
Lrrc45	MmuINT0093049	chr11	1.21E+08	1.21E+08	+	0.033202
Lrrc45	MmuINT0093050	chr11	1.21E+08	1.21E+08	+	0.097109
Lrrc45	MmuINT0093051	chr11	1.21E+08	1.21E+08	+	0.065956
Lrrc45	MmuINT0093052	chr11	1.21E+08	1.21E+08	+	0.051709
Lrrc45	MmuINT0093053	chr11	1.21E+08	1.21E+08	+	0.12237
Lrrc45	MmuINT0093054	chr11	1.21E+08	1.21E+08	+	0.287614
Lrrc45	MmuINT0093055	chr11	1.21E+08	1.21E+08	+	0.120393
Lrrc45	MmuINT0093056	chr11	1.21E+08	1.21E+08	+	0.523388
Lrrc45	MmuINT0093057	chr11	1.21E+08	1.21E+08	+	0.285167
Lrrc47	MmuINT0093065	chr4	1.53E+08	1.53E+08	+	0.024218
Lrrc47	MmuINT0093066	chr4	1.53E+08	1.53E+08	+	0.016438
Lrrc47	MmuINT0093067	chr4	1.53E+08	1.53E+08	+	0.014028
Lrrc47	MmuINT0093068	chr4	1.53E+08	1.53E+08	+	0.008396
Lrrc47	MmuINT0093069	chr4	1.53E+08	1.53E+08	+	0.01262
Lrrc47	MmuINT0093070	chr4	1.53E+08	1.53E+08	+	0.006962
Lrrc48	MmuINT0093071	chr11	60166935	60167603	+	0.022139

Lrrc48	MmuINT0093072	chr11	60197848	60200794	+	0.062064
Lrrc48	MmuINT0093073	chr11	60200866	60202314	+	0.08395
Lrrc48	MmuINT0093074	chr11	60202439	60207198	+	0.033221
Lrrc48	MmuINT0093075	chr11	60207331	60207626	+	0.033484
Lrrc48	MmuINT0093076	chr11	60167703	60172119	+	0.036969
Lrrc48	MmuINT0093077	chr11	60172319	60176965	+	0.035252
Lrrc48	MmuINT0093078	chr11	60177083	60178367	+	0.040285
Lrrc48	MmuINT0093079	chr11	60178535	60183970	+	0.035122
Lrrc48	MmuINT0093080	chr11	60184118	60188579	+	0.029941
Lrrc48	MmuINT0093081	chr11	60188700	60189295	+	0.031808
Lrrc48	MmuINT0093082	chr11	60189409	60191311	+	0.13338
Lrrc48	MmuINT0093083	chr11	60191487	60197715	+	0.119151
Lrrc49	MmuINT0093086	chr9	60462985	60469375	-	0.035757
Lrrc49	MmuINT0093087	chr9	60458229	60462900	-	0.080119
Lrrc49	MmuINT0093088	chr9	60450624	60458064	-	0.10427
Lrrc49	MmuINT0093089	chr9	60449296	60450385	-	0.051509
Lrrc49	MmuINT0093090	chr9	60446003	60449109	-	0.094379
Lrrc49	MmuINT0093091	chr9	60441567	60445892	-	0.047018
Lrrc49	MmuINT0093092	chr9	60435699	60441412	-	0.016375
Lrrc49	MmuINT0093096	chr9	60525091	60527875	-	0.040098
Lrrc49	MmuINT0093097	chr9	60519169	60524886	-	0.041155
Lrrc49	MmuINT0093100	chr9	60469524	60497286	-	0.051664
Lrrc51	MmuINT0093120	chr7	1.09E+08	1.09E+08	-	0.139341
Lrrc51	MmuINT0093121	chr7	1.09E+08	1.09E+08	-	0.138053
Lrrc51	MmuINT0093122	chr7	1.09E+08	1.09E+08	-	0.66863
Lrrc56	MmuINT0093129	chr7	1.48E+08	1.48E+08	+	0.056292
Lrrc56	MmuINT0093130	chr7	1.48E+08	1.48E+08	+	0.183832
Lrrc56	MmuINT0093131	chr7	1.48E+08	1.48E+08	+	0.108226
Lrrc56	MmuINT0093132	chr7	1.48E+08	1.48E+08	+	0.079461
Lrrc56	MmuINT0093136	chr7	1.48E+08	1.48E+08	+	0.100174
Lrrc56	MmuINT0093138	chr7	1.48E+08	1.48E+08	+	0.113931
Lrrc56	MmuINT0093139	chr7	1.48E+08	1.48E+08	+	0.07137
Lrrc57	MmuINT0093140	chr2	1.2E+08	1.2E+08	-	0.013688
Lrrc57	MmuINT0093141	chr2	1.2E+08	1.2E+08	-	0.028997
Lrrc57	MmuINT0093142	chr2	1.2E+08	1.2E+08	-	0.048033
Lrrc57	MmuINT0093143	chr2	1.2E+08	1.2E+08	-	0.035132
Lrrc58	MmuINT0093145	chr16	37869067	37877134	+	0.043135
Lrrc58	MmuINT0093146	chr16	37877264	37878372	+	0.009982
Lrrc58	MmuINT0093147	chr16	37878651	37881339	+	0.021896
Lrrc59	MmuINT0093148	chr11	94491424	94493394	+	0.007493
Lrrc59	MmuINT0093149	chr11	94493455	94495858	+	0.006999
Lrrc59	MmuINT0093150	chr11	94496018	94496225	+	0.006314
Lrrc59	MmuINT0093151	chr11	94496331	94499844	+	0.009568
Lrrc59	MmuINT0093152	chr11	94499918	94502533	+	0.007159
Lrrc59	MmuINT0093153	chr11	94502708	94504607	+	0.012129
Lrrc61	MmuINT0093166	chr6	48507094	48518135	+	0.038747
Lrrc68	MmuINT0093185	chr7	20122817	20147159	-	0.004127
Lrrc68	MmuINT0093186	chr7	20117875	20117995	-	0.018784
Lrrc68	MmuINT0093187	chr7	20116943	20117132	-	0.050113
Lrrc68	MmuINT0093188	chr7	20116776	20116855	-	0.01655

Lrrc68	MmuINT0093189	chr7	20121104	20122718	-	0.006447
Lrrc68	MmuINT0093190	chr7	20120941	20121057	-	0.007183
Lrrc68	MmuINT0093191	chr7	20120458	20120839	-	0.005527
Lrrc68	MmuINT0093192	chr7	20120107	20120337	-	0.004559
Lrrc68	MmuINT0093193	chr7	20119876	20119955	-	0.00536
Lrrc68	MmuINT0093194	chr7	20119426	20119719	-	0.004801
Lrrc68	MmuINT0093195	chr7	20118409	20119312	-	0.018981
Lrrc68	MmuINT0093196	chr7	20118163	20118266	-	0.02523
Lrrc8a	MmuINT0093231	chr2	30093326	30096088	+	0.041552
Lrrc8a	MmuINT0093232	chr2	30096198	30110687	+	0.009582
Lrrc8a	MmuINT0093233	chr2	30112853	30117367	+	0.013959
Lrrc8b	MmuINT0093237	chr5	1.06E+08	1.06E+08	+	0.053241
Lrrc8c	MmuINT0093238	chr5	1.06E+08	1.06E+08	+	0.023584
Lrrc8c	MmuINT0093239	chr5	1.06E+08	1.06E+08	+	0.033636
Lrrc8c	MmuINT0093240	chr5	1.06E+08	1.06E+08	+	0.02055
Lrrc8d	MmuINT0093243	chr5	1.06E+08	1.06E+08	+	0.04435
Lrrcc1	MmuINT0093275	chr3	14550456	14551387	+	0.130542
Lrrcc1	MmuINT0093276	chr3	14551528	14554303	+	0.06191
Lrrcc1	MmuINT0093277	chr3	14554506	14557188	+	0.130037
Lrrcc1	MmuINT0093278	chr3	14557375	14558250	+	0.057594
Lrrcc1	MmuINT0093279	chr3	14558426	14559227	+	0.044301
Lrrcc1	MmuINT0093280	chr3	14559392	14562123	+	0.05688
Lrrcc1	MmuINT0093281	chr3	14562333	14562423	+	0.025926
Lrrcc1	MmuINT0093282	chr3	14562562	14562958	+	0.032513
Lrrcc1	MmuINT0093283	chr3	14563095	14565732	+	0.315369
Lrrcc1	MmuINT0093288	chr3	14545693	14547246	+	0.113123
Lrrcc1	MmuINT0093289	chr3	14547395	14548107	+	0.051127
Lrrcc1	MmuINT0093290	chr3	14548257	14550250	+	0.052957
Lrrfip1	MmuINT0093297	chr1	92950301	92965139	+	0.040534
Lrrfip1	MmuINT0093298	chr1	92990215	92997153	+	0.006945
Lrrfip1	MmuINT0093299	chr1	92997190	92997761	+	0.004468
Lrrfip1	MmuINT0093300	chr1	92997888	92999823	+	0.007395
Lrrfip1	MmuINT0093301	chr1	92999896	93001703	+	0.008661
Lrrfip1	MmuINT0093302	chr1	93001875	93003874	+	0.00264
Lrrfip1	MmuINT0093303	chr1	93003968	93005156	+	0.013787
Lrrfip1	MmuINT0093304	chr1	93005250	93006931	+	0.017455
Lrrfip1	MmuINT0093305	chr1	93007025	93008732	+	0.013367
Lrrfip1	MmuINT0093306	chr1	93008875	93016717	+	0.013315
Lrrfip1	MmuINT0093307	chr1	93016768	93018998	+	0.030113
Lrrfip1	MmuINT0093308	chr1	92965227	92969900	+	0.014687
Lrrfip1	MmuINT0093309	chr1	93019117	93019654	+	0.005469
Lrrfip1	MmuINT0093310	chr1	93019735	93022217	+	0.005318
Lrrfip1	MmuINT0093311	chr1	93022323	93024662	+	0.012794
Lrrfip1	MmuINT0093312	chr1	92969919	92973520	+	0.132035
Lrrfip1	MmuINT0093313	chr1	92973569	92974967	+	0.193361
Lrrfip1	MmuINT0093314	chr1	92975013	92975607	+	0.058648
Lrrfip1	MmuINT0093315	chr1	92975659	92981522	+	0.673585
Lrrfip1	MmuINT0093316	chr1	92981583	92985210	+	0.368839
Lrrfip1	MmuINT0093317	chr1	92985289	92988178	+	0.188391
Lrrfip1	MmuINT0093318	chr1	92988245	92990136	+	0.007412

Lrrfip2	MmuINT0093321	chr9	1.11E+08	1.11E+08	+	0.011519
Lrrfip2	MmuINT0093322	chr9	1.11E+08	1.11E+08	+	0.024195
Lrrfip2	MmuINT0093323	chr9	1.11E+08	1.11E+08	+	0.006262
Lrrfip2	MmuINT0093324	chr9	1.11E+08	1.11E+08	+	0.002904
Lrrfip2	MmuINT0093325	chr9	1.11E+08	1.11E+08	+	0.002195
Lrrfip2	MmuINT0093326	chr9	1.11E+08	1.11E+08	+	0.005077
Lrrfip2	MmuINT0093327	chr9	1.11E+08	1.11E+08	+	0.002236
Lrrfip2	MmuINT0093328	chr9	1.11E+08	1.11E+08	+	0.340765
Lrrfip2	MmuINT0093329	chr9	1.11E+08	1.11E+08	+	0.001692
Lrrfip2	MmuINT0093331	chr9	1.11E+08	1.11E+08	+	0.00224
Lrrfip2	MmuINT0093332	chr9	1.11E+08	1.11E+08	+	0.057036
Lrrfip2	MmuINT0093333	chr9	1.11E+08	1.11E+08	+	0.002877
Lrrk1	MmuINT0093371	chr7	73447654	73450278	-	0.053157
Lrrk1	MmuINT0093376	chr7	73437308	73439679	-	0.070291
Lrrk1	MmuINT0093382	chr7	73430293	73432325	-	0.040556
Lrrk1	MmuINT0093384	chr7	73426654	73427059	-	0.038545
Lrrk1	MmuINT0093385	chr7	73424330	73426513	-	0.029521
Lrrk1	MmuINT0093386	chr7	73423576	73424079	-	0.027221
Lrrk1	MmuINT0093388	chr7	73417981	73419661	-	0.037111
Lrrk1	MmuINT0093389	chr7	73415808	73417702	-	0.033696
Lrrk1	MmuINT0093390	chr7	73414776	73415612	-	0.031142
Lrrk1	MmuINT0093391	chr7	73411495	73414623	-	0.093731
Lrrk1	MmuINT0093393	chr7	73410428	73411376	-	0.063521
Lrrk1	MmuINT0093394	chr7	73407783	73410310	-	0.084524
Lrrk1	MmuINT0093395	chr7	73406726	73406931	-	0.031113
Lrrk1	MmuINT0093396	chr7	73404980	73406623	-	0.041865
Lrrk2	MmuINT0093420	chr15	91569842	91572681	+	0.033895
Lrrk2	MmuINT0093422	chr15	91576316	91578082	+	0.02705
Lrrk2	MmuINT0093423	chr15	91578265	91580091	+	0.029793
Lrrk2	MmuINT0093424	chr15	91580322	91580654	+	0.02634
Lrrk2	MmuINT0093427	chr15	91582792	91586220	+	0.026112
Lrrk2	MmuINT0093428	chr15	91586423	91587410	+	0.143495
Lrrk2	MmuINT0093432	chr15	91597891	91603252	+	0.037345
Lrrk2	MmuINT0093433	chr15	91603445	91605326	+	0.0264
Lrrk2	MmuINT0093437	chr15	91610441	91617396	+	0.093978
Lrrk2	MmuINT0093438	chr15	91617558	91626427	+	0.043198
Lrrk2	MmuINT0093440	chr15	91627954	91632269	+	0.030516
Lrrk2	MmuINT0093441	chr15	91632465	91633716	+	0.026626
Lrrk2	MmuINT0093442	chr15	91633911	91635327	+	0.038889
Lrrk2	MmuINT0093443	chr15	91635401	91637173	+	0.051056
Lrrk2	MmuINT0093444	chr15	91637359	91641422	+	0.069255
Lrrk2	MmuINT0093445	chr15	91641576	91642622	+	0.047318
Lrrk2	MmuINT0093446	chr15	91642832	91645092	+	0.054263
Lrrk2	MmuINT0093448	chr15	91645165	91645844	+	0.078878
Lrsam1	MmuINT0093467	chr2	32815134	32816563	-	0.034165
Lrsam1	MmuINT0093468	chr2	32801642	32803310	-	0.024994
Lrsam1	MmuINT0093469	chr2	32801494	32801611	-	0.022795
Lrsam1	MmuINT0093470	chr2	32801102	32801370	-	0.016881
Lrsam1	MmuINT0093471	chr2	32800270	32800961	-	0.019365
Lrsam1	MmuINT0093472	chr2	32797394	32800224	-	0.03509

Lrsam1	MmuINT0093473	chr2	32795861	32797322	-	0.046562
Lrsam1	MmuINT0093474	chr2	32794405	32795760	-	0.026196
Lrsam1	MmuINT0093475	chr2	32792031	32794316	-	0.027063
Lrsam1	MmuINT0093476	chr2	32790769	32791955	-	0.066533
Lrsam1	MmuINT0093477	chr2	32789431	32790687	-	0.072286
Lrsam1	MmuINT0093478	chr2	32813735	32815036	-	0.030341
Lrsam1	MmuINT0093479	chr2	32787710	32789334	-	0.023406
Lrsam1	MmuINT0093480	chr2	32785226	32787610	-	0.065575
Lrsam1	MmuINT0093481	chr2	32784254	32785093	-	0.027237
Lrsam1	MmuINT0093482	chr2	32783651	32784171	-	0.008175
Lrsam1	MmuINT0093483	chr2	32782422	32783504	-	0.007126
Lrsam1	MmuINT0093484	chr2	32812814	32813677	-	0.032112
Lrsam1	MmuINT0093485	chr2	32812073	32812768	-	0.049878
Lrsam1	MmuINT0093486	chr2	32810770	32811994	-	0.029612
Lrsam1	MmuINT0093487	chr2	32809807	32810700	-	0.039847
Lrsam1	MmuINT0093488	chr2	32809006	32809721	-	0.020933
Lrsam1	MmuINT0093489	chr2	32806704	32808883	-	0.022892
Lrsam1	MmuINT0093490	chr2	32803442	32806612	-	0.042273
Lrtm1	MmuINT0093491	chr14	29831796	29834805	+	0.027024
Lrtm1	MmuINT0093492	chr14	29835403	29840509	+	0.016705
Lrwd1	MmuINT0093498	chr5	1.37E+08	1.37E+08	-	0.028909
Lrwd1	MmuINT0093499	chr5	1.37E+08	1.37E+08	-	0.031972
Lrwd1	MmuINT0093500	chr5	1.37E+08	1.37E+08	-	0.134604
Lrwd1	MmuINT0093501	chr5	1.37E+08	1.37E+08	-	0.024751
Lrwd1	MmuINT0093502	chr5	1.37E+08	1.37E+08	-	0.025649
Lrwd1	MmuINT0093503	chr5	1.37E+08	1.37E+08	-	0.019973
Lrwd1	MmuINT0093504	chr5	1.37E+08	1.37E+08	-	0.023791
Lrwd1	MmuINT0093505	chr5	1.37E+08	1.37E+08	-	0.074666
Lrwd1	MmuINT0093506	chr5	1.37E+08	1.37E+08	-	0.091265
Lrwd1	MmuINT0093507	chr5	1.37E+08	1.37E+08	-	0.055148
Lrwd1	MmuINT0093508	chr5	1.37E+08	1.37E+08	-	0.0324
Lrwd1	MmuINT0093509	chr5	1.37E+08	1.37E+08	-	0.05728
Lrwd1	MmuINT0093510	chr5	1.37E+08	1.37E+08	-	0.06746
Lrwd1	MmuINT0093511	chr5	1.37E+08	1.37E+08	-	0.097384
Lsg1	MmuINT0093517	chr16	30585767	30587523	-	0.014057
Lsg1	MmuINT0093518	chr16	30567921	30569190	-	0.020574
Lsg1	MmuINT0093519	chr16	30565596	30567796	-	0.094559
Lsg1	MmuINT0093520	chr16	30564906	30565515	-	0.117778
Lsg1	MmuINT0093521	chr16	30561949	30564731	-	0.038901
Lsg1	MmuINT0093522	chr16	30582738	30585639	-	0.015252
Lsg1	MmuINT0093523	chr16	30582229	30582616	-	0.015542
Lsg1	MmuINT0093524	chr16	30581132	30582141	-	0.014684
Lsg1	MmuINT0093525	chr16	30574693	30581044	-	0.053357
Lsg1	MmuINT0093526	chr16	30573456	30574631	-	0.014084
Lsg1	MmuINT0093527	chr16	30571623	30573278	-	0.022144
Lsg1	MmuINT0093528	chr16	30569517	30571250	-	0.020692
Lsg1	MmuINT0093529	chr16	30569335	30569414	-	0.017517
Lsm1	MmuINT0093530	chr8	26896190	26902628	+	0.005543
Lsm1	MmuINT0093531	chr8	26902698	26904148	+	0.011177
Lsm1	MmuINT0093532	chr8	26904265	26912399	+	0.00553



Lsm11	MmuINT0093534	chr11	45751001	45757963	-	0.118886
Lsm11	MmuINT0093535	chr11	45748007	45750860	-	0.073967
Lsm11	MmuINT0093536	chr11	45747526	45747922	-	0.082273
Lsm14a	MmuINT0093541	chr7	35160412	35174376	-	0.00624
Lsm14a	MmuINT0093542	chr7	35130978	35132944	-	0.054171
Lsm14a	MmuINT0093543	chr7	35156204	35160247	-	0.002779
Lsm14a	MmuINT0093544	chr7	35150757	35156073	-	0.002936
Lsm14a	MmuINT0093545	chr7	35142962	35150633	-	0.003268
Lsm14a	MmuINT0093546	chr7	35142516	35142784	-	0.004775
Lsm14a	MmuINT0093547	chr7	35138867	35142452	-	0.003908
Lsm14a	MmuINT0093548	chr7	35138581	35138683	-	0.004427
Lsm14a	MmuINT0093549	chr7	35136537	35138408	-	0.00781
Lsm14a	MmuINT0093550	chr7	35133002	35136304	-	0.051668
Lsm14b	MmuINT0093551	chr2	1.8E+08	1.8E+08	+	0.031823
Lsm14b	MmuINT0093552	chr2	1.8E+08	1.8E+08	+	0.007209
Lsm14b	MmuINT0093553	chr2	1.8E+08	1.8E+08	+	0.150294
Lsm14b	MmuINT0093554	chr2	1.8E+08	1.8E+08	+	0.034068
Lsm14b	MmuINT0093555	chr2	1.8E+08	1.8E+08	+	0.032546
Lsm14b	MmuINT0093556	chr2	1.8E+08	1.8E+08	+	0.016483
Lsm14b	MmuINT0093557	chr2	1.8E+08	1.8E+08	+	0.004136
Lsm14b	MmuINT0093558	chr2	1.8E+08	1.8E+08	+	0.007553
Lsm2	MmuINT0093559	chr17	35119031	35119564	+	0.022165
Lsm2	MmuINT0093560	chr17	35119633	35122053	+	0.040116
Lsm2	MmuINT0093561	chr17	35122085	35122193	+	0.036388
Lsm2	MmuINT0093562	chr17	35122254	35122361	+	0.012427
Lsm3	MmuINT0093564	chr6	91466073	91467041	+	0.005427
Lsm3	MmuINT0093565	chr6	91467153	91469542	+	0.00641
Lsm3	MmuINT0093566	chr6	91469639	91472234	+	0.007366
Lsm4	MmuINT0093567	chr8	73197357	73200453	+	0.010051
Lsm4	MmuINT0093568	chr8	73200496	73201676	+	0.013485
Lsm4	MmuINT0093569	chr8	73201776	73201852	+	0.007075
Lsm4	MmuINT0093570	chr8	73202034	73202258	+	0.002726
Lsm5	MmuINT0093571	chr6	56653404	56654616	-	0.0151
Lsm6	MmuINT0093577	chr8	81336980	81344946	-	0.045268
Lsm6	MmuINT0093579	chr8	81332145	81333845	-	0.000344
Lsm7	MmuINT0093580	chr10	80317454	80317925	-	0.017549
Lsmd1	MmuINT0093583	chr11	69209475	69209678	+	0.083159
Lsmd1	MmuINT0093584	chr11	69209863	69210021	+	0.002555
Lsp1	MmuINT0093585	chr7	1.5E+08	1.5E+08	+	0.172338
Lsp1	MmuINT0093586	chr7	1.5E+08	1.5E+08	+	0.316966
Lsp1	MmuINT0093587	chr7	1.5E+08	1.5E+08	+	0.00318
Lsp1	MmuINT0093588	chr7	1.5E+08	1.5E+08	+	0.043129
Lsp1	MmuINT0093589	chr7	1.5E+08	1.5E+08	+	0.045601
Lsp1	MmuINT0093590	chr7	1.5E+08	1.5E+08	+	0.094304
Lsp1	MmuINT0093591	chr7	1.5E+08	1.5E+08	+	0.009143
Lsp1	MmuINT0093592	chr7	1.5E+08	1.5E+08	+	0.121237
Lsp1	MmuINT0093593	chr7	1.5E+08	1.5E+08	+	0.159942
Lsp1	MmuINT0093594	chr7	1.5E+08	1.5E+08	+	0.15227
Lsr	MmuINT0093602	chr7	31744334	31747116	-	0.482248
Lsr	MmuINT0093606	chr7	31742921	31743007	-	0.437317

Lss	MmuINT0093619	chr10	76013501	76015064	+	0.351848
Lst1	MmuINT0093628	chr17	35323987	35325301	-	0.059268
Lst1	MmuINT0093629	chr17	35323550	35323890	-	0.065099
Lta4h	MmuINT0093634	chr10	92916414	92922561	+	0.015737
Lta4h	MmuINT0093635	chr10	92934112	92934598	+	0.026648
Lta4h	MmuINT0093636	chr10	92934711	92935643	+	0.00698
Lta4h	MmuINT0093637	chr10	92935789	92937220	+	0.026312
Lta4h	MmuINT0093638	chr10	92937325	92937662	+	0.004581
Lta4h	MmuINT0093639	chr10	92937734	92941191	+	0.015188
Lta4h	MmuINT0093640	chr10	92941247	92943435	+	0.037061
Lta4h	MmuINT0093642	chr10	92945078	92945706	+	0.037118
Lta4h	MmuINT0093643	chr10	92945812	92947407	+	0.074336
Lta4h	MmuINT0093644	chr10	92922693	92924054	+	0.007573
Lta4h	MmuINT0093645	chr10	92924176	92927189	+	0.006645
Lta4h	MmuINT0093646	chr10	92927259	92928693	+	0.010403
Lta4h	MmuINT0093647	chr10	92928799	92929856	+	0.010593
Lta4h	MmuINT0093648	chr10	92929910	92931500	+	0.012582
Lta4h	MmuINT0093649	chr10	92931574	92931792	+	0.008432
Lta4h	MmuINT0093650	chr10	92931934	92933544	+	0.007379
Lta4h	MmuINT0093651	chr10	92933569	92934040	+	0.026003
Ltbp1	MmuINT0093658	chr17	75681768	75682259	+	0.014663
Ltbp1	MmuINT0093660	chr17	75689481	75690630	+	0.014674
Ltbp1	MmuINT0093661	chr17	75690757	75692095	+	0.012825
Ltbp1	MmuINT0093662	chr17	75692219	75695563	+	0.011831
Ltbp1	MmuINT0093663	chr17	75695684	75709495	+	0.012501
Ltbp1	MmuINT0093664	chr17	75709619	75712315	+	0.010168
Ltbp1	MmuINT0093665	chr17	75712439	75714342	+	0.010914
Ltbp1	MmuINT0093666	chr17	75714466	75720310	+	0.008451
Ltbp1	MmuINT0093667	chr17	75720434	75726536	+	0.007458
Ltbp1	MmuINT0093668	chr17	75624721	75626306	+	0.009894
Ltbp1	MmuINT0093669	chr17	75726663	75748083	+	0.014188
Ltbp1	MmuINT0093670	chr17	75748210	75752026	+	0.007155
Ltbp1	MmuINT0093671	chr17	75752171	75758629	+	0.010154
Ltbp1	MmuINT0093672	chr17	75758810	75760051	+	0.006852
Ltbp1	MmuINT0093673	chr17	75760139	75761849	+	0.008672
Ltbp1	MmuINT0093674	chr17	75761979	75762677	+	0.008095
Ltbp1	MmuINT0093675	chr17	75762819	75763678	+	0.005854
Ltbp1	MmuINT0093676	chr17	75763850	75784412	+	0.006117
Ltbp1	MmuINT0093677	chr17	75784536	75788769	+	0.0096
Ltbp1	MmuINT0093678	chr17	75788920	75789711	+	0.006875
Ltbp1	MmuINT0093679	chr17	75626582	75648233	+	0.009228
Ltbp1	MmuINT0093682	chr17	75665951	75673206	+	0.016478
Ltbp1	MmuINT0093685	chr17	75678315	75681667	+	0.008803
Ltbp3	MmuINT0093721	chr19	5748592	5748665	+	0.022487
Ltbp3	MmuINT0093722	chr19	5748739	5748869	+	0.034105
Ltbp3	MmuINT0093723	chr19	5748969	5750948	+	0.017315
Ltbp3	MmuINT0093724	chr19	5751075	5751171	+	0.010807
Ltbp3	MmuINT0093725	chr19	5751304	5751398	+	0.086582
Ltbp3	MmuINT0093726	chr19	5751528	5751753	+	0.009687
Ltbp3	MmuINT0093727	chr19	5751877	5752018	+	0.013349

Ltbp3	MmuINT0093728	chr19	5752142	5753632	+	0.022184
Ltbp3	MmuINT0093729	chr19	5753756	5753928	+	0.027409
Ltbp3	MmuINT0093730	chr19	5754049	5755545	+	0.208457
Ltbp3	MmuINT0093731	chr19	5742563	5745439	+	0.105083
Ltbp3	MmuINT0093732	chr19	5755675	5755931	+	0.015025
Ltbp3	MmuINT0093733	chr19	5756100	5756246	+	0.009304
Ltbp3	MmuINT0093734	chr19	5756331	5756583	+	0.020837
Ltbp3	MmuINT0093735	chr19	5756713	5756793	+	0.025779
Ltbp3	MmuINT0093736	chr19	5756932	5757310	+	0.025916
Ltbp3	MmuINT0093737	chr19	5757473	5757546	+	0.025952
Ltbp3	MmuINT0093738	chr19	5757628	5757710	+	0.008142
Ltbp3	MmuINT0093739	chr19	5757843	5757940	+	0.020905
Ltbp3	MmuINT0093740	chr19	5745770	5745917	+	0.254086
Ltbp3	MmuINT0093741	chr19	5746121	5746298	+	0.018853
Ltbp3	MmuINT0093742	chr19	5746405	5746642	+	0.012454
Ltbp3	MmuINT0093743	chr19	5746736	5746900	+	0.031947
Ltbp3	MmuINT0093744	chr19	5747024	5747412	+	0.011921
Ltbp3	MmuINT0093745	chr19	5747572	5747670	+	0.011491
Ltbp3	MmuINT0093746	chr19	5747857	5748574	+	0.005986
Ltbp4	MmuINT0093747	chr7	28115338	28118373	-	0.010015
Ltbp4	MmuINT0093748	chr7	28111632	28111710	-	0.011141
Ltbp4	MmuINT0093749	chr7	28110823	28111505	-	0.006693
Ltbp4	MmuINT0093750	chr7	28110281	28110696	-	0.00984
Ltbp4	MmuINT0093751	chr7	28109439	28110037	-	0.001986
Ltbp4	MmuINT0093752	chr7	28109226	28109312	-	0.033745
Ltbp4	MmuINT0093753	chr7	28108290	28109105	-	0.002611
Ltbp4	MmuINT0093754	chr7	28107956	28108160	-	0.003648
Ltbp4	MmuINT0093755	chr7	28107431	28107829	-	0.191801
Ltbp4	MmuINT0093756	chr7	28107173	28107307	-	0.002305
Ltbp4	MmuINT0093757	chr7	28104776	28107040	-	0.002932
Ltbp4	MmuINT0093758	chr7	28114838	28115145	-	0.004188
Ltbp4	MmuINT0093759	chr7	28104556	28104643	-	0.002281
Ltbp4	MmuINT0093760	chr7	28099403	28104429	-	0.00233
Ltbp4	MmuINT0093761	chr7	28095807	28099255	-	0.002368
Ltbp4	MmuINT0093762	chr7	28095272	28095539	-	0.004612
Ltbp4	MmuINT0093763	chr7	28094434	28095199	-	0.002586
Ltbp4	MmuINT0093764	chr7	28094087	28094304	-	0.006802
Ltbp4	MmuINT0093765	chr7	28092940	28093939	-	0.019728
Ltbp4	MmuINT0093766	chr7	28091962	28092786	-	0.021665
Ltbp4	MmuINT0093767	chr7	28091239	28091580	-	0.008975
Ltbp4	MmuINT0093768	chr7	28090570	28091085	-	0.026319
Ltbp4	MmuINT0093769	chr7	28114501	28114589	-	0.003352
Ltbp4	MmuINT0093770	chr7	28114062	28114397	-	0.010036
Ltbp4	MmuINT0093771	chr7	28113882	28113986	-	0.002619
Ltbp4	MmuINT0093772	chr7	28113370	28113758	-	0.00466
Ltbp4	MmuINT0093773	chr7	28112807	28113204	-	0.023026
Ltbp4	MmuINT0093774	chr7	28112532	28112656	-	0.004207
Ltbp4	MmuINT0093775	chr7	28111843	28112279	-	0.032523
Ltbr	MmuINT0093780	chr6	1.25E+08	1.25E+08	-	0.021494
Ltbr	MmuINT0093781	chr6	1.25E+08	1.25E+08	-	0.028046

Ltbr	MmuINT0093782	chr6	1.25E+08	1.25E+08	-	0.007028
Ltbr	MmuINT0093783	chr6	1.25E+08	1.25E+08	-	0.010817
Ltbr	MmuINT0093784	chr6	1.25E+08	1.25E+08	-	0.010719
Ltbr	MmuINT0093785	chr6	1.25E+08	1.25E+08	-	0.045699
Ltbr	MmuINT0093786	chr6	1.25E+08	1.25E+08	-	0.021055
Ltbr	MmuINT0093787	chr6	1.25E+08	1.25E+08	-	0.083262
Ltbr	MmuINT0093788	chr6	1.25E+08	1.25E+08	-	0.019072
Ltc4s	MmuINT0093789	chr11	50050943	50051879	-	0.047412
Ltc4s	MmuINT0093790	chr11	50050767	50050842	-	0.122418
Ltc4s	MmuINT0093791	chr11	50050601	50050695	-	0.052868
Ltc4s	MmuINT0093792	chr11	50050215	50050518	-	0.168459
Ltn1	MmuINT0093826	chr16	87428038	87432670	-	0.023749
Ltn1	MmuINT0093827	chr16	87415441	87415795	-	0.041739
Ltn1	MmuINT0093828	chr16	87412807	87415398	-	0.153255
Ltn1	MmuINT0093829	chr16	87412104	87412619	-	0.01976
Ltn1	MmuINT0093830	chr16	87410706	87411863	-	0.022119
Ltn1	MmuINT0093831	chr16	87409692	87410551	-	0.022292
Ltn1	MmuINT0093832	chr16	87409132	87409546	-	0.026029
Ltn1	MmuINT0093833	chr16	87405931	87408944	-	0.018723
Ltn1	MmuINT0093834	chr16	87404356	87405770	-	0.020767
Ltn1	MmuINT0093835	chr16	87402414	87404250	-	0.018558
Ltn1	MmuINT0093836	chr16	87400710	87402270	-	0.016406
Ltn1	MmuINT0093837	chr16	87426586	87427829	-	0.022481
Ltn1	MmuINT0093838	chr16	87400409	87400573	-	0.017369
Ltn1	MmuINT0093839	chr16	87399111	87400257	-	0.023949
Ltn1	MmuINT0093840	chr16	87398270	87398896	-	0.013486
Ltn1	MmuINT0093841	chr16	87397474	87398031	-	0.011781
Ltn1	MmuINT0093842	chr16	87394954	87397398	-	0.018571
Ltn1	MmuINT0093843	chr16	87383032	87394766	-	0.021504
Ltn1	MmuINT0093844	chr16	87381928	87382859	-	0.023397
Ltn1	MmuINT0093846	chr16	87380089	87380911	-	0.037024
Ltn1	MmuINT0093847	chr16	87379253	87379920	-	0.021989
Ltn1	MmuINT0093848	chr16	87426044	87426490	-	0.02969
Ltn1	MmuINT0093849	chr16	87425127	87425812	-	0.034356
Ltn1	MmuINT0093850	chr16	87423824	87425073	-	0.031776
Ltn1	MmuINT0093851	chr16	87421228	87423642	-	0.035184
Ltn1	MmuINT0093852	chr16	87420609	87421053	-	0.017129
Ltn1	MmuINT0093853	chr16	87418816	87420417	-	0.01977
Ltn1	MmuINT0093854	chr16	87416606	87418679	-	0.020919
Ltv1	MmuINT0093855	chr10	12912046	12912833	-	0.03609
Ltv1	MmuINT0093856	chr10	12898803	12898928	-	0.006398
Ltv1	MmuINT0093857	chr10	12910552	12911913	-	0.008295
Ltv1	MmuINT0093858	chr10	12905318	12910380	-	0.012276
Ltv1	MmuINT0093859	chr10	12902803	12905229	-	0.011217
Ltv1	MmuINT0093860	chr10	12902335	12902666	-	0.007698
Ltv1	MmuINT0093861	chr10	12900824	12902084	-	0.008048
Ltv1	MmuINT0093862	chr10	12899941	12900695	-	0.023651
Ltv1	MmuINT0093863	chr10	12899514	12899800	-	0.023065
Ltv1	MmuINT0093864	chr10	12899130	12899460	-	0.034242
Luc7l	MmuINT0093865	chr17	26390037	26391975	+	0.786706

Luc7l	MmuINT0093866	chr17	26392071	26394870	+	0.008028
Luc7l	MmuINT0093867	chr17	26394970	26403227	+	0.007872
Luc7l	MmuINT0093868	chr17	26403339	26404159	+	0.005763
Luc7l	MmuINT0093869	chr17	26404304	26412618	+	0.008226
Luc7l	MmuINT0093870	chr17	26412796	26414490	+	0.006571
Luc7l	MmuINT0093871	chr17	26414580	26416277	+	0.008154
Luc7l	MmuINT0093872	chr17	26416308	26416905	+	0.008024
Luc7l2	MmuINT0093874	chr6	38501909	38520509	+	0.424914
Luc7l2	MmuINT0093878	chr6	38541432	38542618	+	0.002531
Luc7l2	MmuINT0093879	chr6	38542796	38543377	+	0.0019
Luc7l2	MmuINT0093880	chr6	38543470	38548784	+	0.004682
Luc7l2	MmuINT0093881	chr6	38548815	38553276	+	0.002878
Luc7l3	MmuINT0093882	chr11	94171006	94183003	-	0.008213
Luc7l3	MmuINT0093883	chr11	94154347	94154451	-	0.644958
Luc7l3	MmuINT0093884	chr11	94167540	94170938	-	0.008243
Luc7l3	MmuINT0093885	chr11	94165301	94167499	-	0.005678
Luc7l3	MmuINT0093886	chr11	94162894	94165155	-	0.0048
Luc7l3	MmuINT0093887	chr11	94161375	94162818	-	0.007864
Luc7l3	MmuINT0093888	chr11	94159235	94161269	-	0.004008
Luc7l3	MmuINT0093889	chr11	94158482	94159072	-	0.003891
Luc7l3	MmuINT0093890	chr11	94157395	94158197	-	0.002047
Luc7l3	MmuINT0093891	chr11	94154593	94157233	-	0.014812
Lum	MmuINT0093892	chr10	97028520	97030857	+	0.007631
Lum	MmuINT0093893	chr10	97031741	97034530	+	0.006753
Luzp1	MmuINT0093894	chr4	1.36E+08	1.36E+08	+	0.043613
Luzp1	MmuINT0093897	chr4	1.36E+08	1.36E+08	+	0.011817
Lxn	MmuINT0093911	chr3	67266344	67267507	-	0.084862
Lxn	MmuINT0093912	chr3	67265412	67266280	-	0.08213
Lxn	MmuINT0093913	chr3	67264981	67265233	-	0.074576
Lxn	MmuINT0093915	chr3	67262250	67262515	-	0.115979
Ly6a	MmuINT0093918	chr15	74825910	74826881	-	0.018709
Ly6e	MmuINT0093927	chr15	74785766	74785912	+	0.943326
Ly6e	MmuINT0093928	chr15	74788819	74788922	+	0.018012
Ly86	MmuINT0093990	chr13	37437444	37466831	+	0.056569
Ly86	MmuINT0093991	chr13	37466919	37468756	+	0.059023
Ly86	MmuINT0093992	chr13	37468886	37507365	+	0.047402
Ly86	MmuINT0093993	chr13	37507419	37510407	+	0.040909
Ly96	MmuINT0094003	chr1	16678701	16681764	+	0.029514
Ly96	MmuINT0094004	chr1	16681855	16690875	+	0.041897
Ly96	MmuINT0094005	chr1	16696307	16699519	+	0.059666
Lyar	MmuINT0094006	chr5	38611875	38615865	+	0.013585
Lyar	MmuINT0094007	chr5	38616037	38617127	+	0.006409
Lyar	MmuINT0094008	chr5	38617243	38619093	+	0.003774
Lyar	MmuINT0094009	chr5	38619202	38619288	+	0.008623
Lyar	MmuINT0094010	chr5	38619373	38621799	+	0.006811
Lyar	MmuINT0094011	chr5	38622230	38622511	+	0.007406
Lyar	MmuINT0094012	chr5	38622599	38624480	+	0.008719
Lyar	MmuINT0094013	chr5	38624567	38625229	+	0.006966
Lyl1	MmuINT0094024	chr8	87225887	87226538	+	0.228341
Lyl1	MmuINT0094025	chr8	87226895	87226985	+	0.119141

Lyn	MmuINT0094028	chr4	3708214	3710119	+	0.029952
Lyn	MmuINT0094029	chr4	3710252	3716888	+	0.015024
Lynx1	MmuINT0094038	chr15	74582468	74583314	-	0.004966
Lynx1	MmuINT0094039	chr15	74582075	74582284	-	0.009976
Lynx1	MmuINT0094040	chr15	74581858	74581972	-	0.001674
Lypd2	MmuINT0094042	chr15	74563517	74564659	-	0.056591
Lypd2	MmuINT0094043	chr15	74562970	74563396	-	0.052404
Lypla1	MmuINT0094071	chr1	4798064	4798535	+	0.004312
Lypla1	MmuINT0094072	chr1	4798568	4818664	+	0.004258
Lypla1	MmuINT0094073	chr1	4818731	4820348	+	0.004654
Lypla1	MmuINT0094074	chr1	4820397	4822391	+	0.004015
Lypla1	MmuINT0094075	chr1	4822463	4827081	+	0.003607
Lypla1	MmuINT0094076	chr1	4827156	4829467	+	0.007273
Lypla1	MmuINT0094077	chr1	4829570	4831036	+	0.002667
Lypla1	MmuINT0094078	chr1	4831214	4835043	+	0.000153
Lypla2	MmuINT0094079	chr4	1.36E+08	1.36E+08	-	0.015354
Lypla2	MmuINT0094080	chr4	1.36E+08	1.36E+08	-	0.025002
Lypla2	MmuINT0094081	chr4	1.36E+08	1.36E+08	-	0.031407
Lypla2	MmuINT0094082	chr4	1.36E+08	1.36E+08	-	0.017663
Lypla2	MmuINT0094083	chr4	1.36E+08	1.36E+08	-	0.011584
Lypla2	MmuINT0094084	chr4	1.36E+08	1.36E+08	-	0.033093
Lypla2	MmuINT0094085	chr4	1.36E+08	1.36E+08	-	0.040029
Lypla2	MmuINT0094086	chr4	1.36E+08	1.36E+08	-	0.004542
Lypla2	MmuINT0094087	chr4	1.36E+08	1.36E+08	-	0.038079
Lypla1	MmuINT0094088	chr1	1.88E+08	1.88E+08	-	0.126595
Lypla1	MmuINT0094091	chr1	1.88E+08	1.88E+08	-	0.068699
Lyrn1	MmuINT0094093	chr7	1.27E+08	1.27E+08	+	0.023799
Lyrn1	MmuINT0094094	chr7	1.27E+08	1.27E+08	+	0.012899
Lyrn2	MmuINT0094095	chr4	32887311	32887584	+	0.003317
Lyrn2	MmuINT0094096	chr4	32887726	32888117	+	0.003997
Lyrn4	MmuINT0094097	chr13	36184796	36208943	-	0.009241
Lyrn4	MmuINT0094098	chr13	36071777	36184674	-	0.006587
Lyrn5	MmuINT0094100	chr6	1.45E+08	1.45E+08	+	0.014927
Lyrn7	MmuINT0094101	chr11	54666802	54674053	-	0.043794
Lyrn7	MmuINT0094102	chr11	54663918	54666728	-	0.007812
Lyrn7	MmuINT0094103	chr11	54662163	54663846	-	0.071529
Lyrn7	MmuINT0094104	chr11	54654705	54662080	-	0.015556
Lysmd2	MmuINT0094107	chr9	75473845	75483192	+	0.032887
Lysmd2	MmuINT0094108	chr9	75483525	75485018	+	0.068304
Lysmd3	MmuINT0094109	chr13	81796936	81804003	+	0.026362
Lysmd3	MmuINT0094110	chr13	81804269	81808159	+	0.066447
Lysmd4	MmuINT0094112	chr7	74368778	74370749	+	0.105118
Lyst	MmuINT0094139	chr13	13799963	13800288	+	0.053337
Lyst	MmuINT0094144	chr13	13803941	13804974	+	0.059926
Lyst	MmuINT0094145	chr13	13805128	13818080	+	0.061811
Lyst	MmuINT0094147	chr13	13818326	13820831	+	0.067977
Lyst	MmuINT0094149	chr13	13822749	13832731	+	0.06395
Lyst	MmuINT0094150	chr13	13832873	13835506	+	0.063224
Lyst	MmuINT0094153	chr13	13844400	13849577	+	0.045955
Lyst	MmuINT0094154	chr13	13849715	13851644	+	0.053845

Lyst	MmuINT0094156	chr13	13853113	13853370	+	0.065134
Lyst	MmuINT0094158	chr13	13853469	13867736	+	0.066503
Lyst	MmuINT0094159	chr13	13867894	13868280	+	0.063149
Lyst	MmuINT0094160	chr13	13868353	13869307	+	0.075907
Lyve1	MmuINT0094165	chr7	1.18E+08	1.18E+08	-	0.013117
Lyve1	MmuINT0094166	chr7	1.18E+08	1.18E+08	-	0.01695
Lyve1	MmuINT0094167	chr7	1.18E+08	1.18E+08	-	0.037126
Lyve1	MmuINT0094168	chr7	1.18E+08	1.18E+08	-	0.03841
Lyve1	MmuINT0094169	chr7	1.18E+08	1.18E+08	-	0.042859
Lzic	MmuINT0094189	chr4	1.49E+08	1.49E+08	+	0.044217
Lzic	MmuINT0094190	chr4	1.49E+08	1.49E+08	+	0.009671
Lzic	MmuINT0094191	chr4	1.49E+08	1.49E+08	+	0.005269
Lzic	MmuINT0094192	chr4	1.49E+08	1.49E+08	+	0.003964
Lzic	MmuINT0094193	chr4	1.49E+08	1.49E+08	+	0.005111
Lzic	MmuINT0094194	chr4	1.49E+08	1.49E+08	+	0.010579
Lztf1	MmuINT0094195	chr9	1.24E+08	1.24E+08	-	0.011155
Lztf1	MmuINT0094201	chr9	1.24E+08	1.24E+08	-	0.000315
Lztr1	MmuINT0094204	chr16	17509312	17509718	+	0.015763
Lztr1	MmuINT0094205	chr16	17521140	17521537	+	0.007967
Lztr1	MmuINT0094206	chr16	17521649	17522249	+	0.026292
Lztr1	MmuINT0094207	chr16	17522343	17522473	+	0.017803
Lztr1	MmuINT0094208	chr16	17522570	17522650	+	0.072381
Lztr1	MmuINT0094209	chr16	17522817	17523060	+	0.112998
Lztr1	MmuINT0094210	chr16	17523231	17523369	+	0.009909
Lztr1	MmuINT0094211	chr16	17523527	17524188	+	0.057111
Lztr1	MmuINT0094212	chr16	17524316	17524400	+	0.046438
Lztr1	MmuINT0094213	chr16	17524551	17525331	+	0.091022
Lztr1	MmuINT0094214	chr16	17525438	17525515	+	0.124219
Lztr1	MmuINT0094215	chr16	17509782	17512158	+	0.024175
Lztr1	MmuINT0094216	chr16	17525597	17525769	+	0.196082
Lztr1	MmuINT0094217	chr16	17512216	17515900	+	0.025767
Lztr1	MmuINT0094218	chr16	17515981	17516066	+	0.016301
Lztr1	MmuINT0094219	chr16	17516176	17517548	+	0.022511
Lztr1	MmuINT0094220	chr16	17517633	17518609	+	0.182294
Lztr1	MmuINT0094221	chr16	17518668	17519479	+	0.112486
Lztr1	MmuINT0094222	chr16	17519620	17520528	+	0.081822
Lztr1	MmuINT0094223	chr16	17520731	17520983	+	0.054252
Lzts2	MmuINT0094226	chr19	45092721	45095876	+	0.192682
Lzts2	MmuINT0094227	chr19	45096327	45098031	+	0.086763
Lzts2	MmuINT0094228	chr19	45098695	45099208	+	0.029454
Lzts2	MmuINT0094229	chr19	45099470	45100291	+	0.006068
M6pr	MmuINT0094231	chr6	1.22E+08	1.22E+08	+	0.008028
M6pr	MmuINT0094233	chr6	1.22E+08	1.22E+08	+	0.003631
M6pr	MmuINT0094234	chr6	1.22E+08	1.22E+08	+	0.0123
Macf1	MmuINT0094269	chr4	1.23E+08	1.23E+08	-	0.02218
Macf1	MmuINT0094270	chr4	1.23E+08	1.23E+08	-	0.013488
Macf1	MmuINT0094274	chr4	1.23E+08	1.23E+08	-	0.021333
Macf1	MmuINT0094275	chr4	1.23E+08	1.23E+08	-	0.016562
Macf1	MmuINT0094276	chr4	1.23E+08	1.23E+08	-	0.015079
Macf1	MmuINT0094277	chr4	1.23E+08	1.23E+08	-	0.018307

Macf1	MmuINT0094278	chr4	1.23E+08	1.23E+08	-	0.014903
Macf1	MmuINT0094279	chr4	1.23E+08	1.23E+08	-	0.019311
Macf1	MmuINT0094282	chr4	1.23E+08	1.23E+08	-	0.014016
Macf1	MmuINT0094283	chr4	1.23E+08	1.23E+08	-	0.012815
Macf1	MmuINT0094285	chr4	1.23E+08	1.23E+08	-	0.013089
Macf1	MmuINT0094286	chr4	1.23E+08	1.23E+08	-	0.013133
Macf1	MmuINT0094287	chr4	1.23E+08	1.23E+08	-	0.008269
Macf1	MmuINT0094288	chr4	1.23E+08	1.23E+08	-	0.00522
Macf1	MmuINT0094289	chr4	1.23E+08	1.23E+08	-	0.007757
Macf1	MmuINT0094290	chr4	1.23E+08	1.23E+08	-	0.00691
Macf1	MmuINT0094291	chr4	1.23E+08	1.23E+08	-	0.006166
Macf1	MmuINT0094292	chr4	1.23E+08	1.23E+08	-	0.007331
Macf1	MmuINT0094293	chr4	1.23E+08	1.23E+08	-	0.006118
Macf1	MmuINT0094294	chr4	1.23E+08	1.23E+08	-	0.005641
Macf1	MmuINT0094296	chr4	1.23E+08	1.23E+08	-	0.00749
Macf1	MmuINT0094297	chr4	1.23E+08	1.23E+08	-	0.006138
Macf1	MmuINT0094298	chr4	1.23E+08	1.23E+08	-	0.004722
Macf1	MmuINT0094299	chr4	1.23E+08	1.23E+08	-	0.00437
Macf1	MmuINT0094300	chr4	1.23E+08	1.23E+08	-	0.022737
Macf1	MmuINT0094302	chr4	1.23E+08	1.23E+08	-	0.003264
Macf1	MmuINT0094303	chr4	1.23E+08	1.23E+08	-	0.00299
Macf1	MmuINT0094304	chr4	1.23E+08	1.23E+08	-	0.004733
Macf1	MmuINT0094305	chr4	1.23E+08	1.23E+08	-	0.00551
Macf1	MmuINT0094307	chr4	1.23E+08	1.23E+08	-	0.005052
Macf1	MmuINT0094308	chr4	1.23E+08	1.23E+08	-	0.00387
Macf1	MmuINT0094309	chr4	1.23E+08	1.23E+08	-	0.004196
Macf1	MmuINT0094310	chr4	1.23E+08	1.23E+08	-	0.005813
Macf1	MmuINT0094311	chr4	1.23E+08	1.23E+08	-	0.003801
Macf1	MmuINT0094312	chr4	1.23E+08	1.23E+08	-	0.003299
Macf1	MmuINT0094313	chr4	1.23E+08	1.23E+08	-	0.004343
Macf1	MmuINT0094314	chr4	1.23E+08	1.23E+08	-	0.003525
Macf1	MmuINT0094315	chr4	1.23E+08	1.23E+08	-	0.003769
Macf1	MmuINT0094316	chr4	1.23E+08	1.23E+08	-	0.002935
Macf1	MmuINT0094318	chr4	1.23E+08	1.23E+08	-	0.002935
Macf1	MmuINT0094319	chr4	1.23E+08	1.23E+08	-	0.004892
Macf1	MmuINT0094320	chr4	1.23E+08	1.23E+08	-	0.00363
Macf1	MmuINT0094321	chr4	1.23E+08	1.23E+08	-	0.003053
Macf1	MmuINT0094322	chr4	1.23E+08	1.23E+08	-	0.00261
Macf1	MmuINT0094323	chr4	1.23E+08	1.23E+08	-	0.003604
Macf1	MmuINT0094324	chr4	1.23E+08	1.23E+08	-	0.00236
Macf1	MmuINT0094325	chr4	1.23E+08	1.23E+08	-	0.003113
Macf1	MmuINT0094326	chr4	1.23E+08	1.23E+08	-	0.00361
Macf1	MmuINT0094327	chr4	1.23E+08	1.23E+08	-	0.128692
Macf1	MmuINT0094329	chr4	1.23E+08	1.23E+08	-	0.032756
Macf1	MmuINT0094330	chr4	1.23E+08	1.23E+08	-	0.012718
Macf1	MmuINT0094331	chr4	1.23E+08	1.23E+08	-	0.005777
MacroD1	MmuINT0094332	chr19	7131673	7139954	+	0.000592
MacroD1	MmuINT0094333	chr19	7272227	7272402	+	0.019095
MacroD1	MmuINT0094334	chr19	7140057	7140576	+	0.000414
MacroD1	MmuINT0094335	chr19	7140694	7260065	+	0.000493



Macro1	MmuINT0094336	chr19	7260096	7270903	+	0.001429
Macro1	MmuINT0094337	chr19	7271021	7271278	+	0.000665
Macro1	MmuINT0094338	chr19	7271401	7271494	+	0.000795
Macro1	MmuINT0094339	chr19	7271526	7271640	+	0.001488
Macro1	MmuINT0094340	chr19	7271715	7272021	+	0.001123
Macro1	MmuINT0094341	chr19	7272104	7272191	+	0.006401
Macro2	MmuINT0094359	chr2	1.4E+08	1.4E+08	+	0.018078
Macro2	MmuINT0094361	chr2	1.4E+08	1.4E+08	+	0.007854
Mad1l1	MmuINT0094363	chr5	1.41E+08	1.41E+08	-	0.025606
Mad1l1	MmuINT0094364	chr5	1.41E+08	1.41E+08	-	0.029441
Mad1l1	MmuINT0094365	chr5	1.41E+08	1.41E+08	-	0.013514
Mad1l1	MmuINT0094366	chr5	1.41E+08	1.41E+08	-	0.033059
Mad1l1	MmuINT0094367	chr5	1.41E+08	1.41E+08	-	0.032156
Mad1l1	MmuINT0094368	chr5	1.41E+08	1.41E+08	-	0.022319
Mad1l1	MmuINT0094369	chr5	1.41E+08	1.41E+08	-	0.021218
Mad1l1	MmuINT0094370	chr5	1.4E+08	1.41E+08	-	0.023289
Mad1l1	MmuINT0094371	chr5	1.41E+08	1.41E+08	-	0.021289
Mad1l1	MmuINT0094372	chr5	1.41E+08	1.41E+08	-	0.033518
Mad1l1	MmuINT0094373	chr5	1.41E+08	1.41E+08	-	0.025347
Mad1l1	MmuINT0094374	chr5	1.41E+08	1.41E+08	-	0.012925
Mad1l1	MmuINT0094375	chr5	1.41E+08	1.41E+08	-	0.019596
Mad1l1	MmuINT0094376	chr5	1.41E+08	1.41E+08	-	0.031572
Mad1l1	MmuINT0094377	chr5	1.41E+08	1.41E+08	-	0.032669
Mad1l1	MmuINT0094378	chr5	1.41E+08	1.41E+08	-	0.006399
Mad2l1	MmuINT0094379	chr6	66485594	66485951	+	0.010236
Mad2l1	MmuINT0094381	chr6	66487684	66488958	+	0.005889
Mad2l1bp	MmuINT0094383	chr17	46289991	46290391	-	0.016767
Mad2l1bp	MmuINT0094384	chr17	46285234	46289727	-	0.021221
Mad2l2	MmuINT0094385	chr4	1.48E+08	1.48E+08	+	0.017929
Mad2l2	MmuINT0094386	chr4	1.48E+08	1.48E+08	+	0.018606
Mad2l2	MmuINT0094387	chr4	1.48E+08	1.48E+08	+	0.035917
Mad2l2	MmuINT0094388	chr4	1.48E+08	1.48E+08	+	0.03082
Mad2l2	MmuINT0094389	chr4	1.48E+08	1.48E+08	+	0.015548
Mad2l2	MmuINT0094390	chr4	1.48E+08	1.48E+08	+	0.054626
Mad2l2	MmuINT0094391	chr4	1.48E+08	1.48E+08	+	0.027203
Madd	MmuINT0094410	chr2	91002790	91002883	-	0.048923
Madd	MmuINT0094411	chr2	91002392	91002638	-	0.04343
Madd	MmuINT0094415	chr2	90995806	90998141	-	0.054816
Madd	MmuINT0094417	chr2	90994698	90994801	-	0.053691
Madd	MmuINT0094418	chr2	90992722	90994591	-	0.033706
Madd	MmuINT0094419	chr2	90987104	90992610	-	0.03368
Madd	MmuINT0094423	chr2	90978913	90980713	-	0.323381
Madd	MmuINT0094424	chr2	90978559	90978865	-	0.135592
Maea	MmuINT0094435	chr5	33678295	33701088	+	0.00274
Maea	MmuINT0094436	chr5	33701272	33703000	+	0.012399
Maea	MmuINT0094437	chr5	33703205	33705343	+	0.015263
Maea	MmuINT0094438	chr5	33705467	33708370	+	0.014159
Maea	MmuINT0094439	chr5	33708448	33711286	+	0.004022
Maea	MmuINT0094440	chr5	33711396	33713079	+	0.011332
Maea	MmuINT0094441	chr5	33713214	33714262	+	0.012698

Maea	MmuINT0094442	chr5	33714459	33714915	+	0.018367
Maf1	MmuINT0094454	chr15	76182090	76182425	+	0.369616
Maf1	MmuINT0094455	chr15	76182472	76182849	+	0.561146
Maf1	MmuINT0094456	chr15	76183205	76183276	+	0.024596
Maf1	MmuINT0094457	chr15	76183443	76183567	+	0.004709
Maf1	MmuINT0094458	chr15	76183690	76183770	+	0.011775
Maf1	MmuINT0094459	chr15	76183891	76184015	+	0.005284
Maf1	MmuINT0094460	chr15	76184151	76184276	+	0.011287
Maff	MmuINT0094462	chr15	79178185	79187396	+	0.068296
Maff	MmuINT0094463	chr15	79187464	79187850	+	0.115739
Mafg	MmuINT0094465	chr11	1.2E+08	1.2E+08	-	0.013659
Mafk	MmuINT0094466	chr5	1.4E+08	1.4E+08	+	0.045752
Mafk	MmuINT0094467	chr5	1.4E+08	1.4E+08	+	0.020812
Maged1	MmuINT0094503	chrX	91786664	91787230	-	0.009579
Maged1	MmuINT0094504	chrX	91782328	91782632	-	0.01691
Maged1	MmuINT0094505	chrX	91781585	91782212	-	0.002533
Maged1	MmuINT0094507	chrX	91785887	91786589	-	0.007143
Maged1	MmuINT0094508	chrX	91784621	91785193	-	0.002484
Maged1	MmuINT0094509	chrX	91783848	91783945	-	0.006305
Maged1	MmuINT0094510	chrX	91783603	91783783	-	0.00501
Maged1	MmuINT0094511	chrX	91783405	91783522	-	0.008245
Maged1	MmuINT0094512	chrX	91783095	91783312	-	0.067802
Maged1	MmuINT0094513	chrX	91782924	91783014	-	0.011836
Maged1	MmuINT0094514	chrX	91782696	91782880	-	0.011281
Maged2	MmuINT0094515	chrX	1.47E+08	1.47E+08	-	0.283878
Maged2	MmuINT0094516	chrX	1.47E+08	1.47E+08	-	0.025822
Maged2	MmuINT0094517	chrX	1.47E+08	1.47E+08	-	0.011438
Maged2	MmuINT0094519	chrX	1.47E+08	1.47E+08	-	0.00924
Maged2	MmuINT0094520	chrX	1.47E+08	1.47E+08	-	0.008572
Maged2	MmuINT0094521	chrX	1.47E+08	1.47E+08	-	0.011288
Maged2	MmuINT0094522	chrX	1.47E+08	1.47E+08	-	0.078297
Maged2	MmuINT0094523	chrX	1.47E+08	1.47E+08	-	0.037056
Maged2	MmuINT0094524	chrX	1.47E+08	1.47E+08	-	0.030491
Magi1	MmuINT0094533	chr6	93893315	94233003	-	0.033287
Magi1	MmuINT0094534	chr6	93696049	93697185	-	0.024896
Magi1	MmuINT0094535	chr6	93667266	93695427	-	0.032126
Magi1	MmuINT0094536	chr6	93651376	93657997	-	0.051982
Magi1	MmuINT0094537	chr6	93649803	93651283	-	0.038718
Magi1	MmuINT0094538	chr6	93647482	93649609	-	0.025979
Magi1	MmuINT0094539	chr6	93636870	93647187	-	0.117959
Magi1	MmuINT0094540	chr6	93636632	93636775	-	0.099893
Magi1	MmuINT0094541	chr6	93635692	93636570	-	0.032495
Magi1	MmuINT0094542	chr6	93633085	93635547	-	0.022801
Magi1	MmuINT0094543	chr6	93765820	93893197	-	0.03406
Magi1	MmuINT0094544	chr6	93628997	93630782	-	0.163525
Magi1	MmuINT0094545	chr6	93742548	93765699	-	0.046559
Magi1	MmuINT0094546	chr6	93735641	93742340	-	0.027085
Magi1	MmuINT0094547	chr6	93723684	93735438	-	0.073855
Magi1	MmuINT0094549	chr6	93707759	93710701	-	0.03857
Magi1	MmuINT0094551	chr6	93697369	93705007	-	0.028656

Magi3	MmuINT0094576	chr3	1.04E+08	1.04E+08	-	0.009358
Magi3	MmuINT0094577	chr3	1.04E+08	1.04E+08	-	0.005634
Magi3	MmuINT0094578	chr3	1.04E+08	1.04E+08	-	0.005783
Magi3	MmuINT0094579	chr3	1.04E+08	1.04E+08	-	0.005429
Magi3	MmuINT0094580	chr3	1.04E+08	1.04E+08	-	0.007427
Magi3	MmuINT0094581	chr3	1.04E+08	1.04E+08	-	0.009445
Magi3	MmuINT0094582	chr3	1.04E+08	1.04E+08	-	0.007181
Magi3	MmuINT0094583	chr3	1.04E+08	1.04E+08	-	0.008513
Magi3	MmuINT0094584	chr3	1.04E+08	1.04E+08	-	0.026755
Magi3	MmuINT0094585	chr3	1.04E+08	1.04E+08	-	0.006633
Magi3	MmuINT0094586	chr3	1.04E+08	1.04E+08	-	0.009966
Magi3	MmuINT0094587	chr3	1.04E+08	1.04E+08	-	0.007794
Magi3	MmuINT0094588	chr3	1.04E+08	1.04E+08	-	0.13115
Magi3	MmuINT0094589	chr3	1.04E+08	1.04E+08	-	0.005326
Magi3	MmuINT0094590	chr3	1.04E+08	1.04E+08	-	0.005977
Magi3	MmuINT0094593	chr3	1.04E+08	1.04E+08	-	0.008782
Magi3	MmuINT0094594	chr3	1.04E+08	1.04E+08	-	0.009219
Magi3	MmuINT0094595	chr3	1.04E+08	1.04E+08	-	0.006834
Magix	MmuINT0094598	chrX	7257173	7258075	-	0.020733
Magix	MmuINT0094599	chrX	7254329	7257025	-	0.010956
Magix	MmuINT0094600	chrX	7253463	7254245	-	0.007879
Magix	MmuINT0094601	chrX	7253136	7253225	-	0.013238
Magix	MmuINT0094602	chrX	7252318	7252966	-	0.02562
Magoh	MmuINT0094603	chr4	1.08E+08	1.08E+08	+	0.007201
Magoh	MmuINT0094604	chr4	1.08E+08	1.08E+08	+	0.010321
Magoh	MmuINT0094605	chr4	1.08E+08	1.08E+08	+	0.009553
Magoh	MmuINT0094606	chr4	1.08E+08	1.08E+08	+	0.010968
Magohb	MmuINT0094607	chr6	1.31E+08	1.31E+08	-	0.033374
Magohb	MmuINT0094608	chr6	1.31E+08	1.31E+08	-	0.022453
Magohb	MmuINT0094609	chr6	1.31E+08	1.31E+08	-	0.017616
Magohb	MmuINT0094610	chr6	1.31E+08	1.31E+08	-	0.023553
Magt1	MmuINT0094611	chrX	1.03E+08	1.03E+08	-	0.007985
Magt1	MmuINT0094612	chrX	1.03E+08	1.03E+08	-	0.007029
Magt1	MmuINT0094613	chrX	1.03E+08	1.03E+08	-	0.00718
Magt1	MmuINT0094614	chrX	1.03E+08	1.03E+08	-	0.006458
Magt1	MmuINT0094615	chrX	1.03E+08	1.03E+08	-	0.007124
Magt1	MmuINT0094616	chrX	1.03E+08	1.03E+08	-	0.011151
Magt1	MmuINT0094617	chrX	1.03E+08	1.03E+08	-	0.021379
Magt1	MmuINT0094618	chrX	1.03E+08	1.03E+08	-	0.034777
Magt1	MmuINT0094619	chrX	1.03E+08	1.03E+08	-	0.753553
Mak16	MmuINT0094635	chr8	32277232	32279136	-	0.042941
Mak16	MmuINT0094636	chr8	32277105	32277181	-	0.074938
Mak16	MmuINT0094637	chr8	32276911	32276994	-	0.063111
Mak16	MmuINT0094638	chr8	32276686	32276845	-	0.072417
Mak16	MmuINT0094639	chr8	32275245	32276533	-	0.036521
Mak16	MmuINT0094640	chr8	32272308	32273502	-	0.116114
Mak16	MmuINT0094642	chr8	32271050	32271230	-	0.020474
Mal	MmuINT0094644	chr2	1.27E+08	1.27E+08	-	0.013537
Mal	MmuINT0094645	chr2	1.27E+08	1.27E+08	-	0.012308
Mal	MmuINT0094646	chr2	1.27E+08	1.27E+08	-	0.018641

Mall	MmuINT0094650	chr2	1.28E+08	1.28E+08	-	0.045845
Mall	MmuINT0094651	chr2	1.28E+08	1.28E+08	-	0.043419
Mall	MmuINT0094652	chr2	1.28E+08	1.28E+08	-	0.072066
Malt1	MmuINT0094654	chr18	65622568	65623694	+	0.056361
Malt1	MmuINT0094655	chr18	65623770	65624367	+	0.086061
Malt1	MmuINT0094656	chr18	65624496	65630042	+	0.056742
Malt1	MmuINT0094657	chr18	65630193	65632653	+	0.053768
Malt1	MmuINT0094658	chr18	65632812	65634786	+	0.029245
Malt1	MmuINT0094659	chr18	65634913	65635641	+	0.029885
Malt1	MmuINT0094662	chr18	65607367	65607832	+	0.051496
Malt1	MmuINT0094664	chr18	65608673	65611200	+	0.363716
Malt1	MmuINT0094665	chr18	65611228	65613328	+	0.102019
Malt1	MmuINT0094667	chr18	65618027	65622389	+	0.060203
Mamdc4	MmuINT0094697	chr2	25420231	25420344	-	0.426144
Mamdc4	MmuINT0094698	chr2	25420000	25420095	-	0.381228
Mamdc4	MmuINT0094700	chr2	25419228	25419685	-	0.386251
Mamdc4	MmuINT0094701	chr2	25418890	25419051	-	0.409733
Maml1	MmuINT0094710	chr11	50076986	50079096	-	0.020763
Maml1	MmuINT0094712	chr11	50072331	50074478	-	0.058464
Mamld1	MmuINT0094726	chrX	68399611	68405364	+	0.121528
Mamstr	MmuINT0094730	chr7	52897187	52897694	+	0.130463
Mamstr	MmuINT0094731	chr7	52897835	52898117	+	0.077995
Mamstr	MmuINT0094732	chr7	52898300	52898606	+	0.391478
Mamstr	MmuINT0094733	chr7	52898695	52898866	+	0.033087
Mamstr	MmuINT0094734	chr7	52899062	52899573	+	0.048607
Mamstr	MmuINT0094735	chr7	52899799	52899888	+	0.144277
Mamstr	MmuINT0094736	chr7	52899944	52900075	+	0.362921
Man1a	MmuINT0094737	chr10	53795077	53795331	-	0.053994
Man1a	MmuINT0094738	chr10	53639137	53639848	-	0.009112
Man1a	MmuINT0094739	chr10	53627865	53638963	-	0.040309
Man1a	MmuINT0094740	chr10	53627370	53627748	-	0.007519
Man1a	MmuINT0094741	chr10	53750601	53794221	-	0.015787
Man1a	MmuINT0094742	chr10	53745636	53750503	-	0.015282
Man1a	MmuINT0094743	chr10	53734302	53745519	-	0.020067
Man1a	MmuINT0094744	chr10	53696924	53734220	-	0.015153
Man1a	MmuINT0094745	chr10	53654819	53696828	-	0.018684
Man1a	MmuINT0094746	chr10	53653392	53654694	-	0.014116
Man1a	MmuINT0094747	chr10	53645352	53653297	-	0.016164
Man1a	MmuINT0094748	chr10	53640069	53645235	-	0.017488
Man1a2	MmuINT0094750	chr3	1E+08	1E+08	-	0.016636
Man1a2	MmuINT0094751	chr3	1E+08	1E+08	-	0.028824
Man1a2	MmuINT0094752	chr3	1E+08	1E+08	-	0.018548
Man1a2	MmuINT0094753	chr3	1E+08	1E+08	-	0.01668
Man1a2	MmuINT0094754	chr3	1E+08	1E+08	-	0.026519
Man1a2	MmuINT0094755	chr3	1E+08	1E+08	-	0.028534
Man1a2	MmuINT0094756	chr3	1E+08	1E+08	-	0.018039
Man1a2	MmuINT0094757	chr3	1E+08	1E+08	-	0.0284
Man1a2	MmuINT0094758	chr3	1E+08	1E+08	-	0.029136
Man1a2	MmuINT0094759	chr3	1E+08	1E+08	-	0.023781
Man1a2	MmuINT0094760	chr3	1E+08	1E+08	-	0.014809

Man1b1	MmuINT0094761	chr2	25188497	25188954	+	0.01183
Man1b1	MmuINT0094762	chr2	25204212	25204689	+	0.01911
Man1b1	MmuINT0094763	chr2	25204888	25204970	+	0.014955
Man1b1	MmuINT0094764	chr2	25205103	25205881	+	0.008869
Man1b1	MmuINT0094765	chr2	25189064	25189896	+	0.019375
Man1b1	MmuINT0094766	chr2	25190013	25193632	+	0.023128
Man1b1	MmuINT0094767	chr2	25193788	25197126	+	0.028873
Man1b1	MmuINT0094768	chr2	25197237	25198743	+	0.030621
Man1b1	MmuINT0094769	chr2	25198930	25200487	+	0.007247
Man1b1	MmuINT0094770	chr2	25200637	25200925	+	0.016056
Man1b1	MmuINT0094771	chr2	25201115	25203555	+	0.056242
Man1b1	MmuINT0094772	chr2	25203747	25204090	+	0.133127
Man1c1	MmuINT0094773	chr4	1.34E+08	1.34E+08	-	0.007863
Man1c1	MmuINT0094774	chr4	1.34E+08	1.34E+08	-	0.006574
Man1c1	MmuINT0094775	chr4	1.34E+08	1.34E+08	-	0.011854
Man1c1	MmuINT0094776	chr4	1.34E+08	1.34E+08	-	0.007766
Man1c1	MmuINT0094777	chr4	1.34E+08	1.34E+08	-	0.012985
Man1c1	MmuINT0094778	chr4	1.34E+08	1.34E+08	-	0.010125
Man1c1	MmuINT0094779	chr4	1.34E+08	1.34E+08	-	0.007983
Man1c1	MmuINT0094780	chr4	1.34E+08	1.34E+08	-	0.009052
Man1c1	MmuINT0094781	chr4	1.34E+08	1.34E+08	-	0.005734
Man1c1	MmuINT0094782	chr4	1.34E+08	1.34E+08	-	0.023829
Man1c1	MmuINT0094783	chr4	1.34E+08	1.34E+08	-	0.015688
Man2a1	MmuINT0094784	chr17	64951211	64973867	+	0.064473
Man2a1	MmuINT0094785	chr17	65024588	65029091	+	0.04457
Man2a1	MmuINT0094786	chr17	65029207	65030894	+	0.044394
Man2a1	MmuINT0094787	chr17	65030966	65060043	+	0.024878
Man2a1	MmuINT0094788	chr17	65060210	65061591	+	0.031943
Man2a1	MmuINT0094789	chr17	65061814	65062901	+	0.018304
Man2a1	MmuINT0094790	chr17	65063025	65063937	+	0.04163
Man2a1	MmuINT0094791	chr17	65064053	65080543	+	0.031597
Man2a1	MmuINT0094792	chr17	65080678	65083063	+	0.031801
Man2a1	MmuINT0094793	chr17	65083206	65084273	+	0.066016
Man2a1	MmuINT0094794	chr17	65084408	65090019	+	0.065281
Man2a1	MmuINT0094795	chr17	64974120	64974646	+	0.026351
Man2a1	MmuINT0094796	chr17	65090224	65100123	+	0.096591
Man2a1	MmuINT0094797	chr17	65100235	65101753	+	0.033778
Man2a1	MmuINT0094798	chr17	64974792	64985823	+	0.04503
Man2a1	MmuINT0094799	chr17	64985996	65000535	+	0.047693
Man2a1	MmuINT0094800	chr17	65000664	65008240	+	0.057731
Man2a1	MmuINT0094801	chr17	65008415	65016076	+	0.030823
Man2a1	MmuINT0094802	chr17	65016264	65018751	+	0.028501
Man2a1	MmuINT0094803	chr17	65018930	65021187	+	0.024343
Man2a1	MmuINT0094804	chr17	65021391	65024404	+	0.030596
Man2a2	MmuINT0094805	chr7	87515816	87515987	-	0.195485
Man2a2	MmuINT0094806	chr7	87508223	87508352	-	0.028834
Man2a2	MmuINT0094807	chr7	87507890	87508039	-	0.009274
Man2a2	MmuINT0094808	chr7	87507563	87507774	-	0.008943
Man2a2	MmuINT0094809	chr7	87507351	87507494	-	0.007145
Man2a2	MmuINT0094810	chr7	87506019	87507184	-	0.023082

Man2a2	MmuINT0094812	chr7	87513537	87513605	-	0.00947
Man2a2	MmuINT0094813	chr7	87513272	87513391	-	0.006285
Man2a2	MmuINT0094814	chr7	87512711	87513099	-	0.005352
Man2a2	MmuINT0094815	chr7	87512371	87512582	-	0.006436
Man2a2	MmuINT0094816	chr7	87511942	87512196	-	0.006025
Man2a2	MmuINT0094817	chr7	87508992	87511754	-	0.008427
Man2a2	MmuINT0094818	chr7	87508556	87508813	-	0.007042
Man2b1	MmuINT0094819	chr8	87607388	87608299	+	0.038832
Man2b1	MmuINT0094820	chr8	87615251	87615409	+	0.012943
Man2b1	MmuINT0094821	chr8	87615520	87615736	+	0.045809
Man2b1	MmuINT0094822	chr8	87615845	87615963	+	0.008675
Man2b1	MmuINT0094823	chr8	87616081	87616730	+	0.04466
Man2b1	MmuINT0094824	chr8	87616920	87617817	+	0.008689
Man2b1	MmuINT0094825	chr8	87617916	87618004	+	0.009786
Man2b1	MmuINT0094826	chr8	87618123	87619018	+	0.060216
Man2b1	MmuINT0094827	chr8	87619138	87619224	+	0.012604
Man2b1	MmuINT0094828	chr8	87619327	87619437	+	0.009295
Man2b1	MmuINT0094829	chr8	87619526	87619629	+	0.0309
Man2b1	MmuINT0094830	chr8	87608403	87608539	+	0.063246
Man2b1	MmuINT0094831	chr8	87619711	87620169	+	0.033665
Man2b1	MmuINT0094832	chr8	87620398	87620604	+	0.016702
Man2b1	MmuINT0094833	chr8	87620761	87620850	+	0.018821
Man2b1	MmuINT0094834	chr8	87620954	87621300	+	0.039238
Man2b1	MmuINT0094835	chr8	87608714	87609253	+	0.008824
Man2b1	MmuINT0094836	chr8	87609448	87610709	+	0.142394
Man2b1	MmuINT0094837	chr8	87610843	87611070	+	0.006886
Man2b1	MmuINT0094838	chr8	87611217	87612452	+	0.012357
Man2b1	MmuINT0094839	chr8	87612570	87614816	+	0.014984
Man2b1	MmuINT0094840	chr8	87614900	87614982	+	0.016222
Man2b1	MmuINT0094841	chr8	87615104	87615171	+	0.028691
Man2b2	MmuINT0094842	chr5	37221014	37221676	-	0.015219
Man2b2	MmuINT0094843	chr5	37206833	37207297	-	0.008857
Man2b2	MmuINT0094844	chr5	37205760	37206557	-	0.011923
Man2b2	MmuINT0094845	chr5	37205218	37205567	-	0.011268
Man2b2	MmuINT0094846	chr5	37204619	37204970	-	0.011049
Man2b2	MmuINT0094847	chr5	37204400	37204507	-	0.014097
Man2b2	MmuINT0094848	chr5	37201648	37204185	-	0.045699
Man2b2	MmuINT0094849	chr5	37200356	37201530	-	0.0165
Man2b2	MmuINT0094850	chr5	37199143	37200242	-	0.056332
Man2b2	MmuINT0094851	chr5	37198450	37199024	-	0.071662
Man2b2	MmuINT0094853	chr5	37217452	37219102	-	0.017567
Man2b2	MmuINT0094854	chr5	37215447	37217278	-	0.087923
Man2b2	MmuINT0094855	chr5	37213254	37215330	-	0.015109
Man2b2	MmuINT0094856	chr5	37212320	37213075	-	0.012486
Man2b2	MmuINT0094857	chr5	37209892	37212120	-	0.014538
Man2b2	MmuINT0094858	chr5	37208937	37209700	-	0.015511
Man2b2	MmuINT0094859	chr5	37207483	37208794	-	0.01341
Man2c1	MmuINT0094860	chr9	56978697	56978965	+	0.073249
Man2c1	MmuINT0094861	chr9	56985393	56985551	+	0.01622
Man2c1	MmuINT0094862	chr9	56985648	56985726	+	0.009614

Man2c1	MmuINT0094863	chr9	56985873	56986203	+	0.046799
Man2c1	MmuINT0094864	chr9	56986328	56986654	+	0.039321
Man2c1	MmuINT0094865	chr9	56986777	56986875	+	0.040336
Man2c1	MmuINT0094866	chr9	56986962	56987052	+	0.016719
Man2c1	MmuINT0094867	chr9	56987209	56987417	+	0.278692
Man2c1	MmuINT0094868	chr9	56987516	56987676	+	0.158611
Man2c1	MmuINT0094869	chr9	56987772	56988005	+	0.182407
Man2c1	MmuINT0094870	chr9	56988111	56988188	+	0.04995
Man2c1	MmuINT0094871	chr9	56979089	56979338	+	0.0666
Man2c1	MmuINT0094872	chr9	56988346	56988441	+	0.013338
Man2c1	MmuINT0094873	chr9	56988586	56988907	+	0.014846
Man2c1	MmuINT0094874	chr9	56989018	56989112	+	0.012405
Man2c1	MmuINT0094875	chr9	56989193	56989370	+	0.135554
Man2c1	MmuINT0094876	chr9	56989520	56989612	+	0.090051
Man2c1	MmuINT0094877	chr9	56989723	56989801	+	0.065328
Man2c1	MmuINT0094878	chr9	56979463	56981328	+	0.00963
Man2c1	MmuINT0094879	chr9	56981400	56982896	+	0.195795
Man2c1	MmuINT0094880	chr9	56983075	56983251	+	0.019442
Man2c1	MmuINT0094881	chr9	56983442	56984499	+	0.07522
Man2c1	MmuINT0094882	chr9	56984607	56984764	+	0.010722
Man2c1	MmuINT0094883	chr9	56984876	56985088	+	0.013978
Man2c1	MmuINT0094884	chr9	56985182	56985275	+	0.063058
Manba	MmuINT0094885	chr3	1.35E+08	1.35E+08	+	0.013967
Manba	MmuINT0094886	chr3	1.35E+08	1.35E+08	+	0.016428
Manba	MmuINT0094887	chr3	1.35E+08	1.35E+08	+	0.012745
Manba	MmuINT0094888	chr3	1.35E+08	1.35E+08	+	0.014142
Manba	MmuINT0094889	chr3	1.35E+08	1.35E+08	+	0.041566
Manba	MmuINT0094890	chr3	1.35E+08	1.35E+08	+	0.051806
Manba	MmuINT0094891	chr3	1.35E+08	1.35E+08	+	0.011764
Manba	MmuINT0094892	chr3	1.35E+08	1.35E+08	+	0.00836
Manba	MmuINT0094893	chr3	1.35E+08	1.35E+08	+	0.016655
Manba	MmuINT0094894	chr3	1.35E+08	1.35E+08	+	0.012073
Manba	MmuINT0094895	chr3	1.35E+08	1.35E+08	+	0.016254
Manba	MmuINT0094896	chr3	1.35E+08	1.35E+08	+	0.023648
Manba	MmuINT0094897	chr3	1.35E+08	1.35E+08	+	0.008827
Manba	MmuINT0094898	chr3	1.35E+08	1.35E+08	+	0.011522
Manba	MmuINT0094899	chr3	1.35E+08	1.35E+08	+	0.009066
Manba	MmuINT0094900	chr3	1.35E+08	1.35E+08	+	0.015226
Manbal	MmuINT0094901	chr2	1.57E+08	1.57E+08	+	0.103912
Manbal	MmuINT0094902	chr2	1.57E+08	1.57E+08	+	0.00493
Manea	MmuINT0094903	chr4	26268146	26273743	-	0.042023
Manea	MmuINT0094905	chr4	26256310	26263767	-	0.028858
Manea	MmuINT0094906	chr4	26255456	26256232	-	0.047509
Manf	MmuINT0094910	chr9	1.07E+08	1.07E+08	-	0.004256
Manf	MmuINT0094911	chr9	1.07E+08	1.07E+08	-	0.005869
Manf	MmuINT0094912	chr9	1.07E+08	1.07E+08	-	0.005828
Maoa	MmuINT0094919	chrX	16259425	16261089	+	0.051203
Maoa	MmuINT0094924	chrX	16235799	16236570	+	0.1383
Maoa	MmuINT0094925	chrX	16236663	16239442	+	0.116366
Maoa	MmuINT0094926	chrX	16239585	16241776	+	0.053282

Maoa	MmuINT0094927	chrX	16241927	16242777	+	0.058195
Maoa	MmuINT0094928	chrX	16242938	16249972	+	0.066963
Maoa	MmuINT0094929	chrX	16250070	16254680	+	0.071011
Maob	MmuINT0094930	chrX	16348146	16394355	-	0.006899
Maob	MmuINT0094931	chrX	16295440	16300061	-	0.013208
Maob	MmuINT0094932	chrX	16293610	16295381	-	0.009118
Maob	MmuINT0094933	chrX	16289804	16293511	-	0.006443
Maob	MmuINT0094934	chrX	16288437	16289691	-	0.007261
Maob	MmuINT0094935	chrX	16287318	16288373	-	0.003968
Maob	MmuINT0094936	chrX	16345642	16348050	-	0.005599
Maob	MmuINT0094937	chrX	16317302	16345503	-	0.005351
Maob	MmuINT0094938	chrX	16316312	16317196	-	0.006341
Maob	MmuINT0094939	chrX	16313240	16316219	-	0.008273
Maob	MmuINT0094940	chrX	16311350	16313097	-	0.00411
Maob	MmuINT0094941	chrX	16309305	16311199	-	0.007236
Maob	MmuINT0094942	chrX	16301883	16309144	-	0.006228
Maob	MmuINT0094943	chrX	16300116	16301785	-	0.006113
Map1lc3a	MmuINT0094944	chr2	1.55E+08	1.55E+08	+	0.058786
Map1lc3a	MmuINT0094945	chr2	1.55E+08	1.55E+08	+	0.002298
Map1lc3a	MmuINT0094946	chr2	1.55E+08	1.55E+08	+	0.001596
Map2k1	MmuINT0094950	chr9	64062417	64101019	-	0.005857
Map2k1	MmuINT0094951	chr9	64034606	64035097	-	0.006835
Map2k1	MmuINT0094952	chr9	64060538	64062205	-	0.013553
Map2k1	MmuINT0094953	chr9	64052996	64060390	-	0.004808
Map2k1	MmuINT0094954	chr9	64052290	64052917	-	0.006897
Map2k1	MmuINT0094955	chr9	64041634	64052237	-	0.0086
Map2k1	MmuINT0094956	chr9	64039462	64041508	-	0.005882
Map2k1	MmuINT0094957	chr9	64039139	64039259	-	0.004789
Map2k1	MmuINT0094958	chr9	64035546	64039073	-	0.020468
Map2k1	MmuINT0094959	chr9	64035144	64035483	-	0.01501
Map2k2	MmuINT0094960	chr10	80568984	80571492	+	0.001278
Map2k2	MmuINT0094961	chr10	80585358	80586364	+	0.003726
Map2k2	MmuINT0094962	chr10	80571704	80577770	+	0.001602
Map2k2	MmuINT0094963	chr10	80577918	80580896	+	0.002786
Map2k2	MmuINT0094964	chr10	80580975	80581853	+	0.008207
Map2k2	MmuINT0094965	chr10	80581906	80582001	+	0.003479
Map2k2	MmuINT0094966	chr10	80582127	80582234	+	0.002171
Map2k2	MmuINT0094967	chr10	80582449	80583787	+	0.052685
Map2k2	MmuINT0094968	chr10	80583856	80584647	+	0.003229
Map2k2	MmuINT0094969	chr10	80584710	80585311	+	0.037766
Map2k3	MmuINT0094970	chr11	60745774	60755381	+	0.006517
Map2k3	MmuINT0094971	chr11	60763563	60764659	+	0.006699
Map2k3	MmuINT0094972	chr11	60764706	60765265	+	0.006972
Map2k3	MmuINT0094973	chr11	60755449	60755806	+	0.017503
Map2k3	MmuINT0094974	chr11	60755856	60756652	+	0.024579
Map2k3	MmuINT0094975	chr11	60756767	60756988	+	0.032584
Map2k3	MmuINT0094976	chr11	60757109	60758166	+	0.003513
Map2k3	MmuINT0094977	chr11	60758284	60759012	+	0.011428
Map2k3	MmuINT0094978	chr11	60759065	60760145	+	0.003807
Map2k3	MmuINT0094979	chr11	60760274	60760612	+	0.003065



Map2k3	MmuINT0094980	chr11	60760691	60763422	+	0.007437
Map2k4	MmuINT0094981	chr11	65569874	65601637	-	0.015898
Map2k4	MmuINT0094982	chr11	65504307	65505229	-	0.006325
Map2k4	MmuINT0094983	chr11	65548869	65569770	-	0.006079
Map2k4	MmuINT0094984	chr11	65533106	65548693	-	0.012081
Map2k4	MmuINT0094985	chr11	65525800	65532985	-	0.0102
Map2k4	MmuINT0094986	chr11	65523486	65525679	-	0.013218
Map2k4	MmuINT0094987	chr11	65520614	65523433	-	0.006995
Map2k4	MmuINT0094988	chr11	65509868	65520485	-	0.011611
Map2k4	MmuINT0094989	chr11	65507073	65509789	-	0.016782
Map2k4	MmuINT0094990	chr11	65505276	65506923	-	0.008429
Map2k5	MmuINT0094991	chr9	63219593	63224929	-	0.012716
Map2k5	MmuINT0094992	chr9	63141413	63141502	-	0.010964
Map2k5	MmuINT0094993	chr9	63134268	63141330	-	0.028127
Map2k5	MmuINT0094994	chr9	63128875	63134205	-	0.01733
Map2k5	MmuINT0094995	chr9	63110995	63128825	-	0.018402
Map2k5	MmuINT0094996	chr9	63110002	63110920	-	0.021344
Map2k5	MmuINT0094997	chr9	63104856	63109950	-	0.019999
Map2k5	MmuINT0094998	chr9	63083126	63104783	-	0.016503
Map2k5	MmuINT0094999	chr9	63065173	63083095	-	0.026595
Map2k5	MmuINT0095000	chr9	63064833	63065145	-	0.020417
Map2k5	MmuINT0095001	chr9	63045180	63064799	-	0.012777
Map2k5	MmuINT0095002	chr9	63205868	63219543	-	0.020587
Map2k5	MmuINT0095003	chr9	63042055	63045117	-	0.014993
Map2k5	MmuINT0095004	chr9	63011998	63042008	-	0.018957
Map2k5	MmuINT0095005	chr9	63191264	63205799	-	0.015776
Map2k5	MmuINT0095006	chr9	63186929	63191193	-	0.015232
Map2k5	MmuINT0095007	chr9	63185960	63186887	-	0.021048
Map2k5	MmuINT0095008	chr9	63177764	63185891	-	0.014995
Map2k5	MmuINT0095009	chr9	63170075	63177714	-	0.025377
Map2k5	MmuINT0095010	chr9	63150968	63170009	-	0.038169
Map2k5	MmuINT0095011	chr9	63141572	63150927	-	0.016026
Map2k7	MmuINT0095023	chr8	4239034	4240687	+	0.015053
Map2k7	MmuINT0095024	chr8	4245004	4245542	+	0.02577
Map2k7	MmuINT0095025	chr8	4245589	4245694	+	0.024665
Map2k7	MmuINT0095026	chr8	4245826	4247656	+	0.986833
Map2k7	MmuINT0095027	chr8	4240736	4243303	+	0.035357
Map2k7	MmuINT0095028	chr8	4243446	4243552	+	0.004742
Map2k7	MmuINT0095029	chr8	4243620	4243742	+	0.021563
Map2k7	MmuINT0095030	chr8	4243857	4243950	+	0.010677
Map2k7	MmuINT0095031	chr8	4244071	4244228	+	0.022104
Map2k7	MmuINT0095032	chr8	4244337	4244426	+	0.025541
Map2k7	MmuINT0095033	chr8	4244607	4244694	+	0.031077
Map2k7	MmuINT0095034	chr8	4244776	4244860	+	0.011051
Map3k1	MmuINT0095040	chr13	1.13E+08	1.13E+08	-	0.049962
Map3k1	MmuINT0095041	chr13	1.13E+08	1.13E+08	-	0.090235
Map3k1	MmuINT0095042	chr13	1.13E+08	1.13E+08	-	0.175674
Map3k1	MmuINT0095043	chr13	1.13E+08	1.13E+08	-	0.187217
Map3k1	MmuINT0095044	chr13	1.13E+08	1.13E+08	-	0.044008
Map3k1	MmuINT0095045	chr13	1.13E+08	1.13E+08	-	0.079212

Map3k1	MmuINT0095046	chr13	1.13E+08	1.13E+08	-	0.122177
Map3k1	MmuINT0095048	chr13	1.13E+08	1.13E+08	-	0.05287
Map3k1	MmuINT0095049	chr13	1.13E+08	1.13E+08	-	0.048073
Map3k1	MmuINT0095051	chr13	1.13E+08	1.13E+08	-	0.064568
Map3k1	MmuINT0095053	chr13	1.13E+08	1.13E+08	-	0.034815
Map3k1	MmuINT0095054	chr13	1.13E+08	1.13E+08	-	0.031196
Map3k10	MmuINT0095055	chr7	28453549	28458361	-	0.019506
Map3k10	MmuINT0095056	chr7	28450118	28453367	-	0.196373
Map3k10	MmuINT0095057	chr7	28449593	28449968	-	0.026118
Map3k10	MmuINT0095058	chr7	28448491	28449416	-	0.080244
Map3k10	MmuINT0095059	chr7	28446671	28448243	-	0.014331
Map3k10	MmuINT0095060	chr7	28444194	28446553	-	0.041496
Map3k10	MmuINT0095061	chr7	28443962	28444039	-	0.023209
Map3k10	MmuINT0095062	chr7	28443552	28443848	-	0.02831
Map3k11	MmuINT0095064	chr19	5689267	5689476	+	0.887257
Map3k11	MmuINT0095065	chr19	5697650	5700589	+	0.10807
Map3k11	MmuINT0095066	chr19	5700971	5702006	+	0.026648
Map3k11	MmuINT0095067	chr19	5689513	5689688	+	0.158261
Map3k11	MmuINT0095068	chr19	5690989	5695160	+	0.071107
Map3k11	MmuINT0095069	chr19	5695342	5695496	+	0.059492
Map3k11	MmuINT0095070	chr19	5695646	5695731	+	0.046047
Map3k11	MmuINT0095071	chr19	5695908	5696006	+	0.012363
Map3k11	MmuINT0095072	chr19	5696251	5696683	+	0.030725
Map3k11	MmuINT0095073	chr19	5696798	5697343	+	0.018532
Map3k11	MmuINT0095074	chr19	5697480	5697557	+	0.011651
Map3k12	MmuINT0095079	chr15	1.02E+08	1.02E+08	-	0.047683
Map3k12	MmuINT0095080	chr15	1.02E+08	1.02E+08	-	0.283909
Map3k12	MmuINT0095081	chr15	1.02E+08	1.02E+08	-	0.114792
Map3k12	MmuINT0095082	chr15	1.02E+08	1.02E+08	-	0.069541
Map3k12	MmuINT0095083	chr15	1.02E+08	1.02E+08	-	0.192548
Map3k12	MmuINT0095085	chr15	1.02E+08	1.02E+08	-	0.088306
Map3k12	MmuINT0095087	chr15	1.02E+08	1.02E+08	-	0.077549
Map3k12	MmuINT0095088	chr15	1.02E+08	1.02E+08	-	0.040194
Map3k12	MmuINT0095089	chr15	1.02E+08	1.02E+08	-	0.112716
Map3k12	MmuINT0095090	chr15	1.02E+08	1.02E+08	-	0.06471
Map3k14	MmuINT0095104	chr11	1.03E+08	1.03E+08	-	0.050558
Map3k14	MmuINT0095105	chr11	1.03E+08	1.03E+08	-	0.064061
Map3k14	MmuINT0095107	chr11	1.03E+08	1.03E+08	-	0.167227
Map3k14	MmuINT0095108	chr11	1.03E+08	1.03E+08	-	0.133375
Map3k14	MmuINT0095109	chr11	1.03E+08	1.03E+08	-	0.086886
Map3k14	MmuINT0095113	chr11	1.03E+08	1.03E+08	-	0.054698
Map3k15	MmuINT0095135	chrX	1.57E+08	1.57E+08	+	0.51536
Map3k15	MmuINT0095137	chrX	1.57E+08	1.57E+08	+	0.998895
Map3k2	MmuINT0095146	chr18	32369451	32369597	+	0.058382
Map3k2	MmuINT0095147	chr18	32369691	32371615	+	0.049226
Map3k2	MmuINT0095148	chr18	32371823	32376797	+	0.039497
Map3k2	MmuINT0095149	chr18	32376947	32378013	+	0.110768
Map3k2	MmuINT0095150	chr18	32378146	32380158	+	0.061869
Map3k2	MmuINT0095151	chr18	32380289	32386205	+	0.070345
Map3k2	MmuINT0095152	chr18	32386384	32387776	+	0.064208

Map3k2	MmuINT0095157	chr18	32362794	32363453	+	0.046252
Map3k2	MmuINT0095160	chr18	32368376	32369382	+	0.189873
Map3k3	MmuINT0095161	chr11	1.06E+08	1.06E+08	+	0.012896
Map3k3	MmuINT0095162	chr11	1.06E+08	1.06E+08	+	0.008436
Map3k3	MmuINT0095163	chr11	1.06E+08	1.06E+08	+	0.028304
Map3k3	MmuINT0095164	chr11	1.06E+08	1.06E+08	+	0.02505
Map3k3	MmuINT0095165	chr11	1.06E+08	1.06E+08	+	0.103192
Map3k3	MmuINT0095166	chr11	1.06E+08	1.06E+08	+	0.033956
Map3k3	MmuINT0095167	chr11	1.06E+08	1.06E+08	+	0.030837
Map3k3	MmuINT0095168	chr11	1.06E+08	1.06E+08	+	0.008284
Map3k3	MmuINT0095169	chr11	1.06E+08	1.06E+08	+	0.021331
Map3k3	MmuINT0095170	chr11	1.06E+08	1.06E+08	+	0.006512
Map3k3	MmuINT0095171	chr11	1.06E+08	1.06E+08	+	0.009129
Map3k3	MmuINT0095172	chr11	1.06E+08	1.06E+08	+	0.008529
Map3k3	MmuINT0095173	chr11	1.06E+08	1.06E+08	+	0.011398
Map3k3	MmuINT0095174	chr11	1.06E+08	1.06E+08	+	0.012755
Map3k3	MmuINT0095175	chr11	1.06E+08	1.06E+08	+	0.006956
Map3k4	MmuINT0095176	chr17	12470978	12511363	-	0.014679
Map3k4	MmuINT0095177	chr17	12447098	12447862	-	0.009575
Map3k4	MmuINT0095178	chr17	12442525	12446947	-	0.011597
Map3k4	MmuINT0095179	chr17	12441904	12442362	-	0.006817
Map3k4	MmuINT0095180	chr17	12440998	12441769	-	0.011826
Map3k4	MmuINT0095181	chr17	12440236	12440918	-	0.011084
Map3k4	MmuINT0095182	chr17	12436463	12440168	-	0.011733
Map3k4	MmuINT0095183	chr17	12435672	12436365	-	0.016257
Map3k4	MmuINT0095184	chr17	12432937	12435515	-	0.012282
Map3k4	MmuINT0095185	chr17	12432326	12432835	-	0.01512
Map3k4	MmuINT0095186	chr17	12431097	12432244	-	0.006244
Map3k4	MmuINT0095187	chr17	12465087	12470786	-	0.025762
Map3k4	MmuINT0095188	chr17	12429918	12430904	-	0.010686
Map3k4	MmuINT0095189	chr17	12428882	12429846	-	0.007918
Map3k4	MmuINT0095190	chr17	12428077	12428764	-	0.007098
Map3k4	MmuINT0095191	chr17	12425903	12427916	-	0.007401
Map3k4	MmuINT0095192	chr17	12425385	12425779	-	0.002473
Map3k4	MmuINT0095195	chr17	12457015	12463728	-	0.008681
Map3k4	MmuINT0095196	chr17	12454257	12456771	-	0.005856
Map3k4	MmuINT0095197	chr17	12453475	12454109	-	0.008377
Map3k4	MmuINT0095198	chr17	12450897	12453316	-	0.014288
Map3k4	MmuINT0095199	chr17	12449728	12450779	-	0.009325
Map3k4	MmuINT0095200	chr17	12449541	12449627	-	0.009656
Map3k4	MmuINT0095201	chr17	12448130	12449456	-	0.008283
Map3k5	MmuINT0095202	chr10	19654881	19720371	+	0.014425
Map3k5	MmuINT0095203	chr10	19778897	19787634	+	0.009849
Map3k5	MmuINT0095204	chr10	19787743	19796287	+	0.012866
Map3k5	MmuINT0095205	chr10	19796338	19799047	+	0.015353
Map3k5	MmuINT0095206	chr10	19799144	19802192	+	0.012828
Map3k5	MmuINT0095207	chr10	19802275	19814167	+	0.009818
Map3k5	MmuINT0095208	chr10	19814302	19819310	+	0.008334
Map3k5	MmuINT0095209	chr10	19819439	19819866	+	0.007283
Map3k5	MmuINT0095210	chr10	19820004	19823965	+	0.009613

Map3k5	MmuINT0095211	chr10	19824072	19827954	+	0.01038
Map3k5	MmuINT0095212	chr10	19828113	19830523	+	0.019823
Map3k5	MmuINT0095213	chr10	19720512	19739363	+	0.008094
Map3k5	MmuINT0095214	chr10	19830702	19831583	+	0.004213
Map3k5	MmuINT0095215	chr10	19831605	19837950	+	0.009094
Map3k5	MmuINT0095216	chr10	19838129	19838220	+	0.027175
Map3k5	MmuINT0095217	chr10	19838390	19844757	+	0.009566
Map3k5	MmuINT0095218	chr10	19844944	19847457	+	0.013408
Map3k5	MmuINT0095219	chr10	19847564	19851770	+	0.025729
Map3k5	MmuINT0095220	chr10	19852015	19856699	+	0.055018
Map3k5	MmuINT0095221	chr10	19856813	19858068	+	0.006504
Map3k5	MmuINT0095222	chr10	19858182	19860454	+	0.019974
Map3k5	MmuINT0095223	chr10	19860532	19861328	+	0.009218
Map3k5	MmuINT0095224	chr10	19739388	19743413	+	0.007376
Map3k5	MmuINT0095225	chr10	19743608	19744690	+	0.006827
Map3k5	MmuINT0095226	chr10	19744860	19745986	+	0.018426
Map3k5	MmuINT0095227	chr10	19746094	19748838	+	0.009696
Map3k5	MmuINT0095228	chr10	19749010	19766177	+	0.008092
Map3k5	MmuINT0095229	chr10	19766291	19776280	+	0.00832
Map3k5	MmuINT0095230	chr10	19776441	19778742	+	0.00782
Map3k6	MmuINT0095231	chr4	1.33E+08	1.33E+08	+	0.089142
Map3k6	MmuINT0095232	chr4	1.33E+08	1.33E+08	+	0.037252
Map3k6	MmuINT0095233	chr4	1.33E+08	1.33E+08	+	0.05646
Map3k6	MmuINT0095234	chr4	1.33E+08	1.33E+08	+	0.175609
Map3k6	MmuINT0095235	chr4	1.33E+08	1.33E+08	+	0.198122
Map3k6	MmuINT0095236	chr4	1.33E+08	1.33E+08	+	0.032195
Map3k6	MmuINT0095237	chr4	1.33E+08	1.33E+08	+	0.037415
Map3k6	MmuINT0095238	chr4	1.33E+08	1.33E+08	+	0.090817
Map3k6	MmuINT0095239	chr4	1.33E+08	1.33E+08	+	0.132346
Map3k6	MmuINT0095240	chr4	1.33E+08	1.33E+08	+	0.17823
Map3k6	MmuINT0095241	chr4	1.33E+08	1.33E+08	+	0.057477
Map3k6	MmuINT0095242	chr4	1.33E+08	1.33E+08	+	0.082233
Map3k6	MmuINT0095243	chr4	1.33E+08	1.33E+08	+	0.019775
Map3k6	MmuINT0095244	chr4	1.33E+08	1.33E+08	+	0.202211
Map3k6	MmuINT0095245	chr4	1.33E+08	1.33E+08	+	0.022235
Map3k6	MmuINT0095246	chr4	1.33E+08	1.33E+08	+	0.08095
Map3k6	MmuINT0095247	chr4	1.33E+08	1.33E+08	+	0.031192
Map3k6	MmuINT0095248	chr4	1.33E+08	1.33E+08	+	0.097317
Map3k6	MmuINT0095249	chr4	1.33E+08	1.33E+08	+	0.046052
Map3k6	MmuINT0095250	chr4	1.33E+08	1.33E+08	+	0.099566
Map3k6	MmuINT0095251	chr4	1.33E+08	1.33E+08	+	0.064187
Map3k6	MmuINT0095252	chr4	1.33E+08	1.33E+08	+	0.130902
Map3k6	MmuINT0095253	chr4	1.33E+08	1.33E+08	+	0.109469
Map3k6	MmuINT0095254	chr4	1.33E+08	1.33E+08	+	0.076135
Map3k6	MmuINT0095255	chr4	1.33E+08	1.33E+08	+	0.243119
Map3k6	MmuINT0095256	chr4	1.33E+08	1.33E+08	+	0.020268
Map3k6	MmuINT0095257	chr4	1.33E+08	1.33E+08	+	0.045462
Map3k6	MmuINT0095258	chr4	1.33E+08	1.33E+08	+	0.084648
Map3k7	MmuINT0095262	chr4	32078819	32079361	+	0.005775
Map3k7	MmuINT0095263	chr4	32079492	32089063	+	0.044175

Map3k7	MmuINT0095264	chr4	32089129	32097290	+	0.002715
Map3k7	MmuINT0095265	chr4	32097397	32102913	+	0.001124
Map3k7	MmuINT0095268	chr4	32061909	32064298	+	0.009151
Map3k7	MmuINT0095269	chr4	32064365	32065405	+	0.003372
Map3k7	MmuINT0095272	chr4	32068558	32072660	+	0.009362
Map3k8	MmuINT0095276	chr18	4349337	4352849	-	0.053842
Map3k8	MmuINT0095277	chr18	4343188	4348978	-	0.104353
Map3k8	MmuINT0095279	chr18	4339602	4340544	-	0.115834
Map3k8	MmuINT0095280	chr18	4334768	4339494	-	0.287953
Map3k8	MmuINT0095281	chr18	4334063	4334614	-	0.059844
Map3k8	MmuINT0095282	chr18	4332435	4333815	-	0.064921
Map4k2	MmuINT0095322	chr19	6341346	6341458	+	0.023664
Map4k2	MmuINT0095323	chr19	6343524	6343801	+	0.430634
Map4k2	MmuINT0095324	chr19	6343884	6343971	+	0.109869
Map4k2	MmuINT0095325	chr19	6344080	6344406	+	0.114591
Map4k2	MmuINT0095326	chr19	6344486	6344589	+	0.02106
Map4k2	MmuINT0095327	chr19	6344649	6345318	+	0.221003
Map4k2	MmuINT0095328	chr19	6345363	6345443	+	0.028874
Map4k2	MmuINT0095330	chr19	6345611	6345727	+	0.067607
Map4k2	MmuINT0095331	chr19	6345837	6345915	+	0.012662
Map4k2	MmuINT0095332	chr19	6346005	6346083	+	0.023969
Map4k2	MmuINT0095333	chr19	6341517	6341743	+	0.104424
Map4k2	MmuINT0095334	chr19	6346126	6346208	+	0.259233
Map4k2	MmuINT0095335	chr19	6346294	6346387	+	0.236517
Map4k2	MmuINT0095336	chr19	6346468	6346544	+	0.103295
Map4k2	MmuINT0095337	chr19	6346606	6346691	+	0.06126
Map4k2	MmuINT0095338	chr19	6346810	6351179	+	0.075664
Map4k2	MmuINT0095339	chr19	6351239	6351314	+	0.04971
Map4k2	MmuINT0095340	chr19	6351419	6351496	+	0.072903
Map4k2	MmuINT0095341	chr19	6351675	6352583	+	0.040944
Map4k2	MmuINT0095342	chr19	6352653	6352774	+	0.061271
Map4k2	MmuINT0095343	chr19	6352862	6353119	+	0.270354
Map4k2	MmuINT0095344	chr19	6341835	6341902	+	0.342455
Map4k2	MmuINT0095345	chr19	6353191	6353277	+	0.029255
Map4k2	MmuINT0095346	chr19	6353334	6353439	+	0.016664
Map4k2	MmuINT0095348	chr19	6342311	6342609	+	0.02103
Map4k2	MmuINT0095349	chr19	6342658	6342743	+	0.100275
Map4k2	MmuINT0095350	chr19	6342787	6343103	+	0.532884
Map4k2	MmuINT0095351	chr19	6343177	6343254	+	0.295735
Map4k2	MmuINT0095352	chr19	6343387	6343460	+	0.343597
Map4k3	MmuINT0095353	chr17	81080266	81127133	-	0.024177
Map4k3	MmuINT0095354	chr17	81043749	81043831	-	0.023716
Map4k3	MmuINT0095355	chr17	81043583	81043666	-	0.015414
Map4k3	MmuINT0095356	chr17	81036139	81043471	-	0.014127
Map4k3	MmuINT0095357	chr17	81029814	81036059	-	0.016728
Map4k3	MmuINT0095358	chr17	81028689	81029754	-	0.206116
Map4k3	MmuINT0095359	chr17	81023455	81028625	-	0.227353
Map4k3	MmuINT0095360	chr17	81017936	81023395	-	0.015167
Map4k3	MmuINT0095361	chr17	81017688	81017896	-	0.075635
Map4k3	MmuINT0095362	chr17	81015869	81017633	-	0.101802

Map4k3	MmuINT0095363	chr17	81014517	81015825	-	0.02103
Map4k3	MmuINT0095364	chr17	81063423	81080207	-	0.029146
Map4k3	MmuINT0095365	chr17	81013368	81014356	-	0.008472
Map4k3	MmuINT0095366	chr17	81012850	81013254	-	0.020107
Map4k3	MmuINT0095367	chr17	81011456	81012807	-	0.017799
Map4k3	MmuINT0095368	chr17	81009172	81011370	-	0.017545
Map4k3	MmuINT0095369	chr17	81005361	81009091	-	0.043278
Map4k3	MmuINT0095370	chr17	81005225	81005299	-	0.026954
Map4k3	MmuINT0095371	chr17	81003382	81005106	-	0.012067
Map4k3	MmuINT0095372	chr17	81001637	81003322	-	0.028344
Map4k3	MmuINT0095373	chr17	80997065	81001532	-	0.018785
Map4k3	MmuINT0095375	chr17	81055262	81063331	-	0.027842
Map4k3	MmuINT0095376	chr17	80992355	80992430	-	0.015786
Map4k3	MmuINT0095377	chr17	80984132	80992261	-	0.029782
Map4k3	MmuINT0095378	chr17	80981958	80984060	-	0.056211
Map4k3	MmuINT0095379	chr17	80981276	80981901	-	0.011183
Map4k3	MmuINT0095380	chr17	81053808	81055196	-	0.022758
Map4k3	MmuINT0095381	chr17	81053250	81053751	-	0.030266
Map4k3	MmuINT0095382	chr17	81050468	81053201	-	0.026435
Map4k3	MmuINT0095383	chr17	81048940	81050424	-	0.021672
Map4k3	MmuINT0095385	chr17	81043895	81044053	-	0.015757
Map4k4	MmuINT0095386	chr1	39958132	39958353	+	0.008564
Map4k4	MmuINT0095387	chr1	40043646	40045814	+	0.003337
Map4k4	MmuINT0095388	chr1	40045888	40046933	+	0.003397
Map4k4	MmuINT0095389	chr1	40047145	40053865	+	0.005657
Map4k4	MmuINT0095390	chr1	40054028	40056732	+	0.00849
Map4k4	MmuINT0095391	chr1	40056820	40057468	+	0.256233
Map4k4	MmuINT0095392	chr1	40057595	40060601	+	0.00946
Map4k4	MmuINT0095393	chr1	40060833	40061651	+	0.002884
Map4k4	MmuINT0095394	chr1	40061759	40063515	+	0.002461
Map4k4	MmuINT0095395	chr1	40063668	40064277	+	0.002749
Map4k4	MmuINT0095396	chr1	40064376	40065175	+	0.005687
Map4k4	MmuINT0095397	chr1	39958420	40019022	+	0.006182
Map4k4	MmuINT0095398	chr1	40065185	40066532	+	0.001456
Map4k4	MmuINT0095399	chr1	40066709	40067401	+	0.02018
Map4k4	MmuINT0095400	chr1	40067523	40070950	+	0.060955
Map4k4	MmuINT0095401	chr1	40071069	40071371	+	0.005447
Map4k4	MmuINT0095402	chr1	40071543	40073954	+	0.011077
Map4k4	MmuINT0095403	chr1	40074099	40076388	+	0.003599
Map4k4	MmuINT0095404	chr1	40076524	40077928	+	0.007163
Map4k4	MmuINT0095405	chr1	40078030	40079549	+	0.004718
Map4k4	MmuINT0095406	chr1	40079700	40080204	+	0.004794
Map4k4	MmuINT0095407	chr1	40080365	40081154	+	0.003966
Map4k4	MmuINT0095408	chr1	40019080	40030771	+	0.008159
Map4k4	MmuINT0095409	chr1	40081295	40081473	+	0.001816
Map4k4	MmuINT0095410	chr1	40030898	40033551	+	0.006541
Map4k4	MmuINT0095411	chr1	40033663	40037404	+	0.003949
Map4k4	MmuINT0095412	chr1	40037496	40039983	+	0.00422
Map4k4	MmuINT0095413	chr1	40040115	40040727	+	0.009001
Map4k4	MmuINT0095414	chr1	40040783	40042026	+	0.004228

Map4k4	MmuINT0095415	chr1	40042106	40043469	+	0.004969
Map4k5	MmuINT0095416	chr12	70975322	70993639	-	0.020558
Map4k5	MmuINT0095417	chr12	70943957	70945342	-	0.04133
Map4k5	MmuINT0095418	chr12	70943024	70943874	-	0.034621
Map4k5	MmuINT0095419	chr12	70939061	70942906	-	0.012253
Map4k5	MmuINT0095420	chr12	70932598	70938981	-	0.016465
Map4k5	MmuINT0095421	chr12	70931484	70932538	-	0.022066
Map4k5	MmuINT0095422	chr12	70929054	70931415	-	0.025204
Map4k5	MmuINT0095423	chr12	70928506	70929010	-	0.018955
Map4k5	MmuINT0095424	chr12	70926771	70927277	-	0.022876
Map4k5	MmuINT0095425	chr12	70925652	70926728	-	0.021389
Map4k5	MmuINT0095426	chr12	70957851	70975263	-	0.03267
Map4k5	MmuINT0095427	chr12	70924489	70925566	-	0.020881
Map4k5	MmuINT0095428	chr12	70923851	70924408	-	0.021689
Map4k5	MmuINT0095429	chr12	70919489	70923789	-	0.122773
Map4k5	MmuINT0095430	chr12	70919068	70919370	-	0.029094
Map4k5	MmuINT0095431	chr12	70917381	70919008	-	0.034595
Map4k5	MmuINT0095432	chr12	70916920	70917276	-	0.014867
Map4k5	MmuINT0095433	chr12	70914192	70916741	-	0.034781
Map4k5	MmuINT0095434	chr12	70912354	70914122	-	0.024186
Map4k5	MmuINT0095435	chr12	70910270	70912260	-	0.028873
Map4k5	MmuINT0095436	chr12	70908241	70910198	-	0.032829
Map4k5	MmuINT0095437	chr12	70957333	70957759	-	0.021378
Map4k5	MmuINT0095438	chr12	70906339	70908184	-	0.018072
Map4k5	MmuINT0095439	chr12	70953742	70957267	-	0.033546
Map4k5	MmuINT0095440	chr12	70951989	70953685	-	0.02551
Map4k5	MmuINT0095441	chr12	70951856	70951940	-	0.027785
Map4k5	MmuINT0095442	chr12	70950607	70951812	-	0.026429
Map4k5	MmuINT0095443	chr12	70946800	70950533	-	0.012389
Map4k5	MmuINT0095444	chr12	70945406	70946667	-	0.049893
Mapk1	MmuINT0095447	chr16	16983833	17015990	+	0.003157
Mapk1	MmuINT0095448	chr16	17016174	17018378	+	0.002663
Mapk1	MmuINT0095449	chr16	17018569	17023544	+	0.003184
Mapk1	MmuINT0095450	chr16	17023662	17026118	+	0.002939
Mapk1	MmuINT0095451	chr16	17026234	17026450	+	0.004437
Mapk1	MmuINT0095452	chr16	17026583	17035534	+	0.005447
Mapk1	MmuINT0095453	chr16	17035645	17038406	+	0.003774
Mapk10	MmuINT0095454	chr5	1.04E+08	1.04E+08	-	0.014408
Mapk10	MmuINT0095455	chr5	1.03E+08	1.03E+08	-	0.00968
Mapk10	MmuINT0095456	chr5	1.03E+08	1.03E+08	-	0.015037
Mapk10	MmuINT0095459	chr5	1.03E+08	1.04E+08	-	0.015639
Mapk10	MmuINT0095464	chr5	1.03E+08	1.03E+08	-	0.01432
Mapk11	MmuINT0095468	chr15	88974745	88974822	-	0.059601
Mapk11	MmuINT0095469	chr15	88974248	88974570	-	0.107473
Mapk11	MmuINT0095476	chr15	88975606	88975804	-	0.707789
Mapk11	MmuINT0095477	chr15	88974902	88975525	-	0.318226
Mapk12	MmuINT0095478	chr15	88970688	88970777	-	0.167484
Mapk12	MmuINT0095479	chr15	88963099	88963182	-	0.107678
Mapk12	MmuINT0095480	chr15	88961649	88962924	-	0.043249
Mapk12	MmuINT0095481	chr15	88967890	88970557	-	0.182163

Mapk12	MmuINT0095482	chr15	88966119	88967830	-	0.111745
Mapk12	MmuINT0095483	chr15	88965887	88966006	-	0.132595
Mapk12	MmuINT0095484	chr15	88965601	88965856	-	0.185294
Mapk12	MmuINT0095485	chr15	88965157	88965552	-	0.202827
Mapk12	MmuINT0095486	chr15	88963581	88965041	-	0.359753
Mapk12	MmuINT0095487	chr15	88963411	88963508	-	0.022753
Mapk12	MmuINT0095488	chr15	88963262	88963330	-	0.308887
Mapk14	MmuINT0095500	chr17	28828801	28850718	+	0.005204
Mapk14	MmuINT0095501	chr17	28878812	28881927	+	0.025712
Mapk14	MmuINT0095502	chr17	28882102	28883215	+	0.021205
Mapk14	MmuINT0095503	chr17	28850849	28852327	+	0.009341
Mapk14	MmuINT0095504	chr17	28852387	28861688	+	0.008635
Mapk14	MmuINT0095505	chr17	28861801	28862437	+	0.007098
Mapk14	MmuINT0095506	chr17	28862468	28862741	+	0.013098
Mapk14	MmuINT0095507	chr17	28862790	28865301	+	0.023087
Mapk14	MmuINT0095508	chr17	28865417	28865848	+	0.012084
Mapk14	MmuINT0095510	chr17	28877705	28878732	+	0.708679
Mapk1ip1l	MmuINT0095530	chr14	47918081	47928241	+	0.010021
Mapk1ip1l	MmuINT0095531	chr14	47928264	47930089	+	0.00343
Mapk1ip1l	MmuINT0095532	chr14	47930789	47939086	+	0.04241
Mapk3	MmuINT0095533	chr7	1.34E+08	1.34E+08	+	0.007642
Mapk3	MmuINT0095534	chr7	1.34E+08	1.34E+08	+	0.028271
Mapk3	MmuINT0095535	chr7	1.34E+08	1.34E+08	+	0.003567
Mapk3	MmuINT0095536	chr7	1.34E+08	1.34E+08	+	0.011188
Mapk3	MmuINT0095537	chr7	1.34E+08	1.34E+08	+	0.009114
Mapk3	MmuINT0095538	chr7	1.34E+08	1.34E+08	+	0.003178
Mapk3	MmuINT0095539	chr7	1.34E+08	1.34E+08	+	0.005692
Mapk4	MmuINT0095542	chr18	74096929	74129544	-	0.067801
Mapk4	MmuINT0095543	chr18	74094822	74096783	-	0.059765
Mapk6	MmuINT0095548	chr9	75243462	75245385	-	0.012609
Mapk6	MmuINT0095549	chr9	75241337	75243316	-	0.041864
Mapk6	MmuINT0095550	chr9	75238176	75241171	-	0.049724
Mapk6	MmuINT0095551	chr9	75236955	75237973	-	0.010677
Mapk7	MmuINT0095552	chr11	61307457	61307581	-	0.298796
Mapk7	MmuINT0095553	chr11	61306572	61307148	-	0.496482
Mapk7	MmuINT0095554	chr11	61305189	61306405	-	0.141149
Mapk7	MmuINT0095555	chr11	61304007	61304109	-	0.317556
Mapk7	MmuINT0095556	chr11	61303000	61303350	-	0.143323
Mapk7	MmuINT0095557	chr11	61302773	61302865	-	0.116501
Mapk8	MmuINT0095558	chr14	34224211	34260200	-	0.020669
Mapk8	MmuINT0095559	chr14	34197138	34199747	-	0.009896
Mapk8	MmuINT0095560	chr14	34195511	34197059	-	0.028088
Mapk8	MmuINT0095561	chr14	34221364	34224041	-	0.019559
Mapk8	MmuINT0095562	chr14	34216110	34221233	-	0.011222
Mapk8	MmuINT0095563	chr14	34215949	34216050	-	0.025136
Mapk8	MmuINT0095564	chr14	34206294	34215809	-	0.015114
Mapk8	MmuINT0095567	chr14	34200483	34201985	-	0.027603
Mapk8	MmuINT0095568	chr14	34199812	34200357	-	0.010376
Mapk8ip1	MmuINT0095575	chr2	92226596	92226727	-	0.063823
Mapk8ip1	MmuINT0095576	chr2	92226125	92226519	-	0.045



Mapk8ip1	MmuINT0095578	chr2	92225421	92225569	-	0.046165
Mapk8ip3	MmuINT0095592	chr17	25044338	25049686	-	0.099884
Mapk8ip3	MmuINT0095596	chr17	25064895	25073481	-	0.006019
Mapk8ip3	MmuINT0095597	chr17	25044332	25045355	-	0.580234
Mapk8ip3	MmuINT0095598	chr17	25043907	25044273	-	0.007291
Mapk8ip3	MmuINT0095599	chr17	25042244	25043091	-	0.026858
Mapk8ip3	MmuINT0095600	chr17	25041909	25042112	-	0.019613
Mapk8ip3	MmuINT0095601	chr17	25041765	25041851	-	0.03339
Mapk8ip3	MmuINT0095602	chr17	25040997	25041593	-	0.054153
Mapk8ip3	MmuINT0095603	chr17	25040330	25040869	-	0.015902
Mapk8ip3	MmuINT0095604	chr17	25040108	25040233	-	0.007882
Mapk8ip3	MmuINT0095605	chr17	25039389	25039948	-	0.012907
Mapk8ip3	MmuINT0095606	chr17	25061163	25064773	-	0.005594
Mapk8ip3	MmuINT0095607	chr17	25038733	25039222	-	0.059925
Mapk8ip3	MmuINT0095608	chr17	25038475	25038549	-	0.02692
Mapk8ip3	MmuINT0095609	chr17	25038171	25038284	-	0.005417
Mapk8ip3	MmuINT0095610	chr17	25037965	25038050	-	0.006777
Mapk8ip3	MmuINT0095611	chr17	25037801	25037883	-	0.009605
Mapk8ip3	MmuINT0095612	chr17	25037592	25037732	-	0.004335
Mapk8ip3	MmuINT0095613	chr17	25037279	25037442	-	0.003684
Mapk8ip3	MmuINT0095615	chr17	25036659	25036780	-	0.018476
Mapk8ip3	MmuINT0095616	chr17	25036521	25036619	-	0.010591
Mapk8ip3	MmuINT0095617	chr17	25060853	25061091	-	0.005794
Mapk8ip3	MmuINT0095618	chr17	25036240	25036340	-	0.011705
Mapk8ip3	MmuINT0095619	chr17	25036015	25036089	-	0.009429
Mapk8ip3	MmuINT0095620	chr17	25050578	25051403	-	0.004334
Mapk8ip3	MmuINT0095621	chr17	25049812	25050474	-	0.004907
Mapk8ip3	MmuINT0095622	chr17	25046107	25049692	-	0.038238
Mapk9	MmuINT0095626	chr11	49660478	49667714	+	0.008933
Mapk9	MmuINT0095627	chr11	49694785	49695632	+	0.009773
Mapk9	MmuINT0095628	chr11	49695702	49696643	+	0.024319
Mapk9	MmuINT0095629	chr11	49667885	49677045	+	0.007963
Mapk9	MmuINT0095630	chr11	49677176	49680484	+	0.008812
Mapk9	MmuINT0095631	chr11	49680544	49682673	+	0.013476
Mapk9	MmuINT0095632	chr11	49682813	49686235	+	0.00811
Mapk9	MmuINT0095633	chr11	49686402	49687765	+	0.03751
Mapk9	MmuINT0095634	chr11	49687838	49691732	+	0.042647
Mapk9	MmuINT0095635	chr11	49691916	49693203	+	0.0123
Mapk9	MmuINT0095636	chr11	49693329	49694720	+	0.008436
Mapkap1	MmuINT0095637	chr2	34287851	34290652	+	0.013974
Mapkap1	MmuINT0095638	chr2	34475463	34478942	+	0.010022
Mapkap1	MmuINT0095639	chr2	34290743	34299777	+	0.005898
Mapkap1	MmuINT0095640	chr2	34299927	34353220	+	0.003974
Mapkap1	MmuINT0095641	chr2	34353394	34374192	+	0.004217
Mapkap1	MmuINT0095642	chr2	34374370	34389307	+	0.008493
Mapkap1	MmuINT0095643	chr2	34389418	34418574	+	0.005421
Mapkap1	MmuINT0095644	chr2	34418683	34436711	+	0.003258
Mapkap1	MmuINT0095645	chr2	34436853	34452942	+	0.005132
Mapkap1	MmuINT0095646	chr2	34453081	34475364	+	0.003667
Mapkapk2	MmuINT0095647	chr1	1.33E+08	1.33E+08	-	0.000804

Mapkapk2	MmuINT0095648	chr1	1.33E+08	1.33E+08	-	0.000626
Mapkapk2	MmuINT0095649	chr1	1.33E+08	1.33E+08	-	0.000837
Mapkapk2	MmuINT0095650	chr1	1.33E+08	1.33E+08	-	0.001192
Mapkapk2	MmuINT0095651	chr1	1.33E+08	1.33E+08	-	0.003398
Mapkapk2	MmuINT0095652	chr1	1.33E+08	1.33E+08	-	0.000856
Mapkapk2	MmuINT0095653	chr1	1.33E+08	1.33E+08	-	0.001945
Mapkapk2	MmuINT0095654	chr1	1.33E+08	1.33E+08	-	0.002032
Mapkapk2	MmuINT0095655	chr1	1.33E+08	1.33E+08	-	0.000726
Mapkapk3	MmuINT0095656	chr9	1.07E+08	1.07E+08	-	0.013454
Mapkapk3	MmuINT0095657	chr9	1.07E+08	1.07E+08	-	0.019668
Mapkapk3	MmuINT0095658	chr9	1.07E+08	1.07E+08	-	0.015959
Mapkapk3	MmuINT0095659	chr9	1.07E+08	1.07E+08	-	0.023374
Mapkapk3	MmuINT0095660	chr9	1.07E+08	1.07E+08	-	0.018154
Mapkapk3	MmuINT0095661	chr9	1.07E+08	1.07E+08	-	0.013237
Mapkapk3	MmuINT0095662	chr9	1.07E+08	1.07E+08	-	0.041914
Mapkapk3	MmuINT0095663	chr9	1.07E+08	1.07E+08	-	0.081291
Mapkapk3	MmuINT0095664	chr9	1.07E+08	1.07E+08	-	0.077584
Mapkapk3	MmuINT0095665	chr9	1.07E+08	1.07E+08	-	0.103895
Mapkapk5	MmuINT0095666	chr5	1.22E+08	1.22E+08	-	0.011779
Mapkapk5	MmuINT0095667	chr5	1.22E+08	1.22E+08	-	0.092809
Mapkapk5	MmuINT0095668	chr5	1.22E+08	1.22E+08	-	0.040118
Mapkapk5	MmuINT0095670	chr5	1.22E+08	1.22E+08	-	0.002282
Mapkapk5	MmuINT0095671	chr5	1.22E+08	1.22E+08	-	0.019061
Mapkapk5	MmuINT0095672	chr5	1.22E+08	1.22E+08	-	0.01044
Mapkapk5	MmuINT0095673	chr5	1.22E+08	1.22E+08	-	0.012543
Mapkapk5	MmuINT0095674	chr5	1.22E+08	1.22E+08	-	0.012747
Mapkapk5	MmuINT0095675	chr5	1.22E+08	1.22E+08	-	0.015704
Mapkapk5	MmuINT0095676	chr5	1.22E+08	1.22E+08	-	0.005088
Mapkapk5	MmuINT0095677	chr5	1.22E+08	1.22E+08	-	0.005632
Mapkapk5	MmuINT0095678	chr5	1.22E+08	1.22E+08	-	0.006374
Mapkbp1	MmuINT0095679	chr2	1.2E+08	1.2E+08	+	0.056009
Mapkbp1	MmuINT0095680	chr2	1.2E+08	1.2E+08	+	0.096127
Mapkbp1	MmuINT0095681	chr2	1.2E+08	1.2E+08	+	0.045184
Mapkbp1	MmuINT0095682	chr2	1.2E+08	1.2E+08	+	0.054664
Mapkbp1	MmuINT0095683	chr2	1.2E+08	1.2E+08	+	0.034296
Mapkbp1	MmuINT0095684	chr2	1.2E+08	1.2E+08	+	0.067995
Mapkbp1	MmuINT0095685	chr2	1.2E+08	1.2E+08	+	0.047747
Mapkbp1	MmuINT0095686	chr2	1.2E+08	1.2E+08	+	0.047496
Mapkbp1	MmuINT0095687	chr2	1.2E+08	1.2E+08	+	0.051823
Mapkbp1	MmuINT0095688	chr2	1.2E+08	1.2E+08	+	0.067174
Mapkbp1	MmuINT0095689	chr2	1.2E+08	1.2E+08	+	0.045193
Mapkbp1	MmuINT0095691	chr2	1.2E+08	1.2E+08	+	0.041793
Mapkbp1	MmuINT0095692	chr2	1.2E+08	1.2E+08	+	0.03954
Mapkbp1	MmuINT0095693	chr2	1.2E+08	1.2E+08	+	0.040086
Mapkbp1	MmuINT0095694	chr2	1.2E+08	1.2E+08	+	0.071108
Mapkbp1	MmuINT0095695	chr2	1.2E+08	1.2E+08	+	0.034021
Mapkbp1	MmuINT0095696	chr2	1.2E+08	1.2E+08	+	0.041864
Mapkbp1	MmuINT0095697	chr2	1.2E+08	1.2E+08	+	0.137337
Mapkbp1	MmuINT0095698	chr2	1.2E+08	1.2E+08	+	0.043403
Mapkbp1	MmuINT0095699	chr2	1.2E+08	1.2E+08	+	0.231652

Mapkbp1	MmuINT0095700	chr2	1.2E+08	1.2E+08	+	0.036197
Mapkbp1	MmuINT0095702	chr2	1.2E+08	1.2E+08	+	0.195661
Mapkbp1	MmuINT0095703	chr2	1.2E+08	1.2E+08	+	0.081211
Mapkbp1	MmuINT0095704	chr2	1.2E+08	1.2E+08	+	0.086449
Mapkbp1	MmuINT0095705	chr2	1.2E+08	1.2E+08	+	0.071356
Mapkbp1	MmuINT0095706	chr2	1.2E+08	1.2E+08	+	0.058211
Mapkbp1	MmuINT0095707	chr2	1.2E+08	1.2E+08	+	0.048455
Mapre1	MmuINT0095714	chr2	1.54E+08	1.54E+08	+	0.005384
Mapre1	MmuINT0095715	chr2	1.54E+08	1.54E+08	+	0.000872
Mapre1	MmuINT0095716	chr2	1.54E+08	1.54E+08	+	0.002036
Mapre1	MmuINT0095718	chr2	1.54E+08	1.54E+08	+	0.000977
Mapre1	MmuINT0095719	chr2	1.54E+08	1.54E+08	+	0.002046
Mapre2	MmuINT0095721	chr18	23910922	23931104	+	0.018339
Mapre2	MmuINT0095722	chr18	23931161	23991353	+	0.003689
Mapre2	MmuINT0095723	chr18	23991482	24012154	+	0.001559
Mapre2	MmuINT0095724	chr18	24012301	24016444	+	0.001606
Mapre2	MmuINT0095725	chr18	24016659	24036444	+	0.002285
Mapre2	MmuINT0095726	chr18	24036585	24042038	+	0.002826
Mapre2	MmuINT0095727	chr18	24042198	24049357	+	0.003295
Mapre3	MmuINT0095729	chr5	31117272	31164179	+	0.00545
Mapre3	MmuINT0095730	chr5	31164308	31164870	+	0.013007
Mapre3	MmuINT0095731	chr5	31165017	31165576	+	0.065288
Mapre3	MmuINT0095732	chr5	31165779	31166946	+	0.077184
Mapre3	MmuINT0095733	chr5	31167102	31167187	+	0.002727
Mapre3	MmuINT0095734	chr5	31167341	31167500	+	0.003128
Mapt	MmuINT0095736	chr11	1.04E+08	1.04E+08	+	0.024247
Mapt	MmuINT0095738	chr11	1.04E+08	1.04E+08	+	0.003356
Mapt	MmuINT0095739	chr11	1.04E+08	1.04E+08	+	0.012357
Mapt	MmuINT0095741	chr11	1.04E+08	1.04E+08	+	0.016971
Mapt	MmuINT0095742	chr11	1.04E+08	1.04E+08	+	0.008283
Mapt	MmuINT0095743	chr11	1.04E+08	1.04E+08	+	0.009982
Mapt	MmuINT0095744	chr11	1.04E+08	1.04E+08	+	0.018761
Mapt	MmuINT0095745	chr11	1.04E+08	1.04E+08	+	0.011949
Mapt	MmuINT0095746	chr11	1.04E+08	1.04E+08	+	0.004579
Mar-02	MmuINT0095771	chr17	33846918	33855490	-	0.003796
Mar-02	MmuINT0095772	chr17	33840154	33846689	-	0.001679
Mar-02	MmuINT0095773	chr17	33833192	33839957	-	0.008657
Mar-02	MmuINT0095774	chr17	33829099	33832981	-	0.067718
Mar-03	MmuINT0095776	chr18	56971730	57084960	-	0.030899
Mar-03	MmuINT0095777	chr18	56967523	56971485	-	0.027183
Mar-03	MmuINT0095778	chr18	56942883	56967317	-	0.03585
Mar-05	MmuINT0095784	chr19	37285364	37291672	+	0.01096
Mar-05	MmuINT0095785	chr19	37294977	37295128	+	0.001923
Mar-06	MmuINT0095786	chr15	31439578	31460557	-	0.009438
Mar-06	MmuINT0095787	chr15	31418606	31420330	-	0.005691
Mar-06	MmuINT0095788	chr15	31416191	31418546	-	0.006542
Mar-06	MmuINT0095789	chr15	31415906	31416109	-	0.004548
Mar-06	MmuINT0095790	chr15	31415754	31415836	-	0.00417
Mar-06	MmuINT0095791	chr15	31414836	31415678	-	0.004322
Mar-06	MmuINT0095792	chr15	31412679	31414700	-	0.003002

	Mar-06	MmuINT0095793	chr15	31412354	31412558	-	0.003753
	Mar-06	MmuINT0095794	chr15	31410178	31412252	-	0.004228
	Mar-06	MmuINT0095795	chr15	31408252	31410039	-	0.002979
	Mar-06	MmuINT0095796	chr15	31405571	31408049	-	0.004026
	Mar-06	MmuINT0095797	chr15	31435514	31439480	-	0.005424
	Mar-06	MmuINT0095798	chr15	31401554	31405500	-	0.022867
	Mar-06	MmuINT0095799	chr15	31399433	31401371	-	0.006481
	Mar-06	MmuINT0095800	chr15	31397535	31399297	-	0.004184
	Mar-06	MmuINT0095801	chr15	31395142	31397444	-	0.003915
	Mar-06	MmuINT0095802	chr15	31391833	31395008	-	0.003007
	Mar-06	MmuINT0095803	chr15	31389035	31391696	-	0.006107
	Mar-06	MmuINT0095804	chr15	31432619	31435439	-	0.005592
	Mar-06	MmuINT0095805	chr15	31430744	31432474	-	0.004428
	Mar-06	MmuINT0095807	chr15	31425949	31428328	-	0.002723
	Mar-06	MmuINT0095808	chr15	31423888	31425758	-	0.002972
	Mar-06	MmuINT0095809	chr15	31422527	31423825	-	0.007491
	Mar-06	MmuINT0095810	chr15	31420383	31422493	-	0.00809
	Mar-07	MmuINT0095811	chr2	60048142	60066974	+	0.016795
	Mar-07	MmuINT0095812	chr2	60067140	60067740	+	0.010375
	Mar-07	MmuINT0095813	chr2	60067937	60070256	+	0.010904
	Mar-07	MmuINT0095814	chr2	60070425	60071955	+	0.020101
	Mar-07	MmuINT0095815	chr2	60073055	60074810	+	0.033766
	Mar-07	MmuINT0095816	chr2	60074984	60078999	+	0.0083
	Mar-07	MmuINT0095817	chr2	60079110	60081613	+	0.123293
	Mar-07	MmuINT0095818	chr2	60081728	60083268	+	0.221685
	Mar-07	MmuINT0095819	chr2	60083318	60085946	+	0.383329
	Mar-08	MmuINT0095820	chr6	1.16E+08	1.16E+08	+	0.01243
	Mar-08	MmuINT0095821	chr6	1.16E+08	1.16E+08	+	0.008701
	Mar-08	MmuINT0095822	chr6	1.16E+08	1.16E+08	+	0.014087
	Mar-08	MmuINT0095823	chr6	1.16E+08	1.16E+08	+	0.013381
	Mar-08	MmuINT0095824	chr6	1.16E+08	1.16E+08	+	0.026603
	Mar-08	MmuINT0095825	chr6	1.16E+08	1.16E+08	+	0.037167
	Mar-09	MmuINT0095827	chr10	1.26E+08	1.26E+08	-	0.034292
	Mar-09	MmuINT0095828	chr10	1.26E+08	1.26E+08	-	0.018977
Marcks		MmuINT0095829	chr10	36856742	36858239	-	0.060057
Mark1		MmuINT0095851	chr1	1.87E+08	1.87E+08	-	0.026309
Mark1		MmuINT0095853	chr1	1.87E+08	1.87E+08	-	0.047099
Mark1		MmuINT0095854	chr1	1.87E+08	1.87E+08	-	0.084091
Mark1		MmuINT0095855	chr1	1.87E+08	1.87E+08	-	0.037569
Mark1		MmuINT0095862	chr1	1.87E+08	1.87E+08	-	0.032946
Mark2		MmuINT0095864	chr19	7365273	7415657	-	0.017467
Mark2		MmuINT0095865	chr19	7359068	7359149	-	0.018659
Mark2		MmuINT0095866	chr19	7358059	7358954	-	0.022935
Mark2		MmuINT0095867	chr19	7357696	7357925	-	0.006118
Mark2		MmuINT0095868	chr19	7357314	7357522	-	0.007836
Mark2		MmuINT0095869	chr19	7355746	7357215	-	0.012573
Mark2		MmuINT0095870	chr19	7352577	7355487	-	0.142092
Mark2		MmuINT0095871	chr19	7351941	7352531	-	0.022552
Mark2		MmuINT0095872	chr19	7364860	7365092	-	0.010003
Mark2		MmuINT0095873	chr19	7361869	7364805	-	0.018068

Mark2	MmuINT0095874	chr19	7361557	7361819	-	0.025504
Mark2	MmuINT0095875	chr19	7361395	7361490	-	0.011546
Mark2	MmuINT0095876	chr19	7361116	7361323	-	0.016617
Mark2	MmuINT0095877	chr19	7360459	7361058	-	0.014067
Mark2	MmuINT0095878	chr19	7359479	7360221	-	0.007091
Mark2	MmuINT0095879	chr19	7359250	7359358	-	0.01298
Mark3	MmuINT0095887	chr12	1.13E+08	1.13E+08	+	0.016117
Mark3	MmuINT0095888	chr12	1.13E+08	1.13E+08	+	0.005391
Mark3	MmuINT0095889	chr12	1.13E+08	1.13E+08	+	0.047024
Mark3	MmuINT0095890	chr12	1.13E+08	1.13E+08	+	0.007662
Mark3	MmuINT0095891	chr12	1.13E+08	1.13E+08	+	0.008136
Mark3	MmuINT0095892	chr12	1.13E+08	1.13E+08	+	0.010838
Mark3	MmuINT0095894	chr12	1.13E+08	1.13E+08	+	0.012621
Mark3	MmuINT0095895	chr12	1.13E+08	1.13E+08	+	0.010953
Mark3	MmuINT0095896	chr12	1.13E+08	1.13E+08	+	0.011315
Mark3	MmuINT0095897	chr12	1.13E+08	1.13E+08	+	0.008506
Mark3	MmuINT0095898	chr12	1.13E+08	1.13E+08	+	0.008428
Mark3	MmuINT0095899	chr12	1.13E+08	1.13E+08	+	0.012361
Mark3	MmuINT0095900	chr12	1.13E+08	1.13E+08	+	0.00694
Mark3	MmuINT0095901	chr12	1.13E+08	1.13E+08	+	0.006236
Mark4	MmuINT0095902	chr7	20037106	20043792	-	0.01265
Mark4	MmuINT0095903	chr7	20020271	20022286	-	0.029279
Mark4	MmuINT0095904	chr7	20020066	20020160	-	0.02485
Mark4	MmuINT0095905	chr7	20018886	20019905	-	0.008375
Mark4	MmuINT0095906	chr7	20017222	20018667	-	0.0089
Mark4	MmuINT0095907	chr7	20014954	20017117	-	0.030381
Mark4	MmuINT0095908	chr7	20013468	20014674	-	0.178376
Mark4	MmuINT0095909	chr7	20011761	20013422	-	0.013692
Mark4	MmuINT0095910	chr7	20034008	20036904	-	0.013347
Mark4	MmuINT0095911	chr7	20033824	20033953	-	0.015746
Mark4	MmuINT0095912	chr7	20033097	20033774	-	0.015397
Mark4	MmuINT0095913	chr7	20032601	20033030	-	0.01506
Mark4	MmuINT0095914	chr7	20030515	20032529	-	0.024533
Mark4	MmuINT0095915	chr7	20028703	20030457	-	0.01173
Mark4	MmuINT0095916	chr7	20022868	20028465	-	0.009292
Mark4	MmuINT0095917	chr7	20022387	20022747	-	0.006678
Mars	MmuINT0095919	chr10	1.27E+08	1.27E+08	-	0.020602
Mars	MmuINT0095920	chr10	1.27E+08	1.27E+08	-	0.018932
Mars	MmuINT0095921	chr10	1.27E+08	1.27E+08	-	0.007252
Mars	MmuINT0095922	chr10	1.27E+08	1.27E+08	-	0.005222
Mars	MmuINT0095923	chr10	1.27E+08	1.27E+08	-	0.008257
Mars	MmuINT0095924	chr10	1.27E+08	1.27E+08	-	0.006822
Mars	MmuINT0095925	chr10	1.27E+08	1.27E+08	-	0.009364
Mars	MmuINT0095926	chr10	1.27E+08	1.27E+08	-	0.004365
Mars	MmuINT0095927	chr10	1.27E+08	1.27E+08	-	0.008265
Mars	MmuINT0095928	chr10	1.27E+08	1.27E+08	-	0.007835
Mars	MmuINT0095929	chr10	1.27E+08	1.27E+08	-	0.178279
Mars	MmuINT0095930	chr10	1.27E+08	1.27E+08	-	0.01248
Mars	MmuINT0095931	chr10	1.27E+08	1.27E+08	-	0.127827
Mars	MmuINT0095932	chr10	1.27E+08	1.27E+08	-	0.005065

Mars	MmuINT0095933	chr10	1.27E+08	1.27E+08	-	0.006261
Mars	MmuINT0095934	chr10	1.27E+08	1.27E+08	-	0.009278
Mars	MmuINT0095935	chr10	1.27E+08	1.27E+08	-	0.007067
Mars	MmuINT0095936	chr10	1.27E+08	1.27E+08	-	0.013714
Mars	MmuINT0095937	chr10	1.27E+08	1.27E+08	-	0.06153
Mars	MmuINT0095938	chr10	1.27E+08	1.27E+08	-	0.007155
Mars	MmuINT0095939	chr10	1.27E+08	1.27E+08	-	0.009697
Marveld1	MmuINT0095940	chr19	42224050	42225287	+	0.074522
Masp1	MmuINT0095958	chr16	23514152	23520618	-	0.015626
Masp1	MmuINT0095965	chr16	23496331	23513904	-	0.011731
Masp1	MmuINT0095966	chr16	23494827	23496152	-	0.012565
Masp1	MmuINT0095967	chr16	23492192	23494694	-	0.011713
Masp1	MmuINT0095968	chr16	23485823	23491994	-	0.013675
Masp1	MmuINT0095969	chr16	23484543	23485674	-	0.013269
Masp1	MmuINT0095970	chr16	23483547	23484423	-	0.021739
Masp2	MmuINT0095973	chr4	1.48E+08	1.48E+08	+	0.976643
Mast1	MmuINT0095990	chr8	87444382	87444513	-	0.943399
Mast2	MmuINT0096008	chr4	1.16E+08	1.16E+08	-	0.037667
Mast2	MmuINT0096009	chr4	1.16E+08	1.16E+08	-	0.004964
Mast2	MmuINT0096010	chr4	1.16E+08	1.16E+08	-	0.044113
Mast2	MmuINT0096011	chr4	1.16E+08	1.16E+08	-	0.002724
Mast2	MmuINT0096012	chr4	1.16E+08	1.16E+08	-	0.006261
Mast2	MmuINT0096013	chr4	1.16E+08	1.16E+08	-	0.017406
Mast2	MmuINT0096014	chr4	1.16E+08	1.16E+08	-	0.137441
Mast2	MmuINT0096015	chr4	1.16E+08	1.16E+08	-	0.004365
Mast2	MmuINT0096016	chr4	1.16E+08	1.16E+08	-	0.005601
Mast2	MmuINT0096017	chr4	1.16E+08	1.16E+08	-	0.019142
Mast2	MmuINT0096018	chr4	1.16E+08	1.16E+08	-	0.021785
Mast2	MmuINT0096019	chr4	1.16E+08	1.16E+08	-	0.011375
Mast2	MmuINT0096020	chr4	1.16E+08	1.16E+08	-	0.004829
Mast2	MmuINT0096021	chr4	1.16E+08	1.16E+08	-	0.008055
Mast2	MmuINT0096022	chr4	1.16E+08	1.16E+08	-	0.012913
Mast2	MmuINT0096023	chr4	1.16E+08	1.16E+08	-	0.008994
Mast2	MmuINT0096024	chr4	1.16E+08	1.16E+08	-	0.014205
Mast2	MmuINT0096025	chr4	1.16E+08	1.16E+08	-	0.018376
Mast2	MmuINT0096026	chr4	1.16E+08	1.16E+08	-	0.034166
Mast2	MmuINT0096027	chr4	1.16E+08	1.16E+08	-	0.026479
Mast2	MmuINT0096028	chr4	1.16E+08	1.16E+08	-	0.020883
Mast2	MmuINT0096029	chr4	1.16E+08	1.16E+08	-	0.016508
Mast2	MmuINT0096030	chr4	1.16E+08	1.16E+08	-	0.043026
Mast2	MmuINT0096031	chr4	1.16E+08	1.16E+08	-	0.003799
Mast2	MmuINT0096032	chr4	1.16E+08	1.16E+08	-	0.665484
Mast2	MmuINT0096033	chr4	1.16E+08	1.16E+08	-	0.765726
Mast2	MmuINT0096034	chr4	1.16E+08	1.16E+08	-	0.020397
Mast2	MmuINT0096035	chr4	1.16E+08	1.16E+08	-	0.004747
Mast3	MmuINT0096042	chr8	73309393	73310055	-	0.152128
Mast3	MmuINT0096044	chr8	73308515	73308626	-	0.079587
Mast3	MmuINT0096046	chr8	73307709	73308041	-	0.100207
Mast3	MmuINT0096047	chr8	73307498	73307598	-	0.05441
Mast3	MmuINT0096048	chr8	73306041	73307363	-	0.107683

Mast3	MmuINT0096050	chr8	73305624	73305798	-	0.111674
Mast3	MmuINT0096051	chr8	73305274	73305410	-	0.070937
Mast3	MmuINT0096052	chr8	73304891	73305046	-	0.039133
Mast3	MmuINT0096053	chr8	73304576	73304767	-	0.084913
Mast3	MmuINT0096055	chr8	73303837	73304171	-	0.089832
Mast4	MmuINT0096066	chr13	1.04E+08	1.04E+08	-	0.030856
Mast4	MmuINT0096068	chr13	1.04E+08	1.04E+08	-	0.031631
Mast4	MmuINT0096069	chr13	1.04E+08	1.04E+08	-	0.044892
Mast4	MmuINT0096070	chr13	1.04E+08	1.04E+08	-	0.0328
Mast4	MmuINT0096071	chr13	1.04E+08	1.04E+08	-	0.02794
Mast4	MmuINT0096073	chr13	1.04E+08	1.04E+08	-	0.045416
Mast4	MmuINT0096076	chr13	1.04E+08	1.04E+08	-	0.022666
Mast4	MmuINT0096077	chr13	1.04E+08	1.04E+08	-	0.034899
Mast4	MmuINT0096079	chr13	1.04E+08	1.04E+08	-	0.160196
Mast4	MmuINT0096080	chr13	1.04E+08	1.04E+08	-	0.024759
Mast4	MmuINT0096081	chr13	1.04E+08	1.04E+08	-	0.032978
Mast4	MmuINT0096082	chr13	1.04E+08	1.04E+08	-	0.036027
Mast4	MmuINT0096083	chr13	1.04E+08	1.04E+08	-	0.017445
Mast4	MmuINT0096090	chr13	1.04E+08	1.04E+08	-	0.030201
Mat2a	MmuINT0096110	chr6	72387443	72389339	-	0.017948
Mat2a	MmuINT0096111	chr6	72387112	72387364	-	0.007272
Mat2a	MmuINT0096114	chr6	72386024	72386190	-	0.006563
Mat2a	MmuINT0096115	chr6	72385383	72385804	-	0.002127
Mat2a	MmuINT0096116	chr6	72385109	72385199	-	0.004732
Mat2b	MmuINT0096118	chr11	40501298	40505979	-	0.005329
Mat2b	MmuINT0096119	chr11	40498844	40501102	-	0.010636
Mat2b	MmuINT0096120	chr11	40498337	40498728	-	0.003202
Mat2b	MmuINT0096121	chr11	40496160	40498183	-	0.002583
Mat2b	MmuINT0096122	chr11	40494272	40495965	-	0.007723
Mat2b	MmuINT0096123	chr11	40493697	40494157	-	0.009577
Matn2	MmuINT0096145	chr15	34339992	34352096	+	0.038954
Matn2	MmuINT0096146	chr15	34352220	34353448	+	0.039458
Matn2	MmuINT0096147	chr15	34353572	34355917	+	0.059879
Matn2	MmuINT0096148	chr15	34356041	34358188	+	0.028678
Matn2	MmuINT0096149	chr15	34358603	34361226	+	0.099607
Matn2	MmuINT0096150	chr15	34361380	34362434	+	0.070137
Matn2	MmuINT0096152	chr15	34362923	34363241	+	0.040669
Matn2	MmuINT0096153	chr15	34363341	34365486	+	0.02768
Matn2	MmuINT0096154	chr15	34246411	34274745	+	0.044205
Matn2	MmuINT0096157	chr15	34308533	34318478	+	0.045876
Matn2	MmuINT0096159	chr15	34328928	34332589	+	0.031145
Matn2	MmuINT0096160	chr15	34332713	34339507	+	0.064408
Matn2	MmuINT0096161	chr15	34339631	34339868	+	0.051937
Matr3	MmuINT0096178	chr18	35721947	35731496	+	0.00654
Matr3	MmuINT0096179	chr18	35742502	35743531	+	0.008241
Matr3	MmuINT0096180	chr18	35743576	35744168	+	0.005477
Matr3	MmuINT0096181	chr18	35744536	35747284	+	0.002936
Matr3	MmuINT0096182	chr18	35747508	35747985	+	0.006466
Matr3	MmuINT0096183	chr18	35748108	35750033	+	0.001949
Matr3	MmuINT0096184	chr18	35732590	35737211	+	0.01709

Matr3	MmuINT0096186	chr18	35738112	35738558	+	0.013158
Matr3	MmuINT0096187	chr18	35738672	35738919	+	0.012562
Matr3	MmuINT0096188	chr18	35738973	35740823	+	0.063959
Matr3	MmuINT0096189	chr18	35740950	35741250	+	0.005689
Matr3	MmuINT0096190	chr18	35741377	35741572	+	0.003283
Matr3	MmuINT0096191	chr18	35741741	35742369	+	0.001721
Mavs	MmuINT0096192	chr2	1.31E+08	1.31E+08	+	0.013953
Mavs	MmuINT0096193	chr2	1.31E+08	1.31E+08	+	0.02687
Mavs	MmuINT0096194	chr2	1.31E+08	1.31E+08	+	0.018202
Mavs	MmuINT0096195	chr2	1.31E+08	1.31E+08	+	0.003026
Mavs	MmuINT0096196	chr2	1.31E+08	1.31E+08	+	0.010437
Mavs	MmuINT0096197	chr2	1.31E+08	1.31E+08	+	0.003989
Max	MmuINT0096199	chr12	78062277	78062976	-	0.011149
Max	MmuINT0096200	chr12	78054264	78062249	-	0.078952
Max	MmuINT0096201	chr12	78041078	78054155	-	0.015278
Max	MmuINT0096202	chr12	78039743	78040953	-	0.080597
Maz	MmuINT0096204	chr7	1.34E+08	1.34E+08	-	0.18
Maz	MmuINT0096205	chr7	1.34E+08	1.34E+08	-	0.101961
Maz	MmuINT0096206	chr7	1.34E+08	1.34E+08	-	0.083698
Mb	MmuINT0096208	chr15	76848229	76852918	-	0.000797
Mb	MmuINT0096209	chr15	76846503	76848005	-	0.000635
Mbd1	MmuINT0096210	chr18	74428088	74429056	+	0.021356
Mbd1	MmuINT0096211	chr18	74435072	74436060	+	0.105924
Mbd1	MmuINT0096212	chr18	74436370	74436455	+	0.145073
Mbd1	MmuINT0096213	chr18	74436594	74436954	+	0.157304
Mbd1	MmuINT0096214	chr18	74437084	74437170	+	0.055766
Mbd1	MmuINT0096215	chr18	74437233	74441532	+	0.340117
Mbd1	MmuINT0096216	chr18	74429193	74432862	+	0.032728
Mbd1	MmuINT0096217	chr18	74432978	74433066	+	0.005184
Mbd1	MmuINT0096218	chr18	74433312	74433388	+	0.017123
Mbd1	MmuINT0096219	chr18	74433472	74433669	+	0.015141
Mbd1	MmuINT0096220	chr18	74433711	74434068	+	0.010405
Mbd1	MmuINT0096221	chr18	74434216	74434298	+	0.022438
Mbd1	MmuINT0096222	chr18	74434428	74434801	+	0.028316
Mbd1	MmuINT0096223	chr18	74434913	74434996	+	0.01465
Mbd2	MmuINT0096224	chr18	70728622	70740306	+	0.002078
Mbd2	MmuINT0096225	chr18	70740467	70752856	+	0.001205
Mbd2	MmuINT0096226	chr18	70752995	70776218	+	0.003031
Mbd2	MmuINT0096227	chr18	70776310	70777489	+	0.001996
Mbd2	MmuINT0096228	chr18	70777668	70782236	+	0.001909
Mbd2	MmuINT0096229	chr18	70782376	70785317	+	0.005603
Mbd3	MmuINT0096230	chr10	79858341	79861866	-	0.039229
Mbd3	MmuINT0096231	chr10	79857947	79858180	-	0.029991
Mbd3	MmuINT0096232	chr10	79857402	79857808	-	0.004929
Mbd3	MmuINT0096233	chr10	79856816	79857310	-	0.004916
Mbd3	MmuINT0096234	chr10	79856026	79856637	-	0.007106
Mbd3	MmuINT0096235	chr10	79855764	79855839	-	0.151639
Mbd5	MmuINT0096248	chr2	49106944	49111696	+	0.037708
Mbd5	MmuINT0096249	chr2	49113833	49127560	+	0.411831
Mbd5	MmuINT0096255	chr2	48873846	48942109	+	0.052868



Mbd5	MmuINT0096256	chr2	48942173	48955236	+	0.060268
Mbd5	MmuINT0096257	chr2	48955330	48974171	+	0.033531
Mbd5	MmuINT0096258	chr2	48974326	49025428	+	0.034018
Mbd5	MmuINT0096259	chr2	49025534	49087191	+	0.050566
Mbd5	MmuINT0096260	chr2	49087369	49101061	+	0.033927
Mbd5	MmuINT0096261	chr2	49101727	49105658	+	0.037624
Mbd5	MmuINT0096262	chr2	49105762	49106762	+	0.035875
Mbd6	MmuINT0096263	chr10	1.27E+08	1.27E+08	-	0.04195
Mbd6	MmuINT0096264	chr10	1.27E+08	1.27E+08	-	0.032562
Mbd6	MmuINT0096265	chr10	1.27E+08	1.27E+08	-	0.153561
Mbd6	MmuINT0096266	chr10	1.27E+08	1.27E+08	-	0.015852
Mbd6	MmuINT0096267	chr10	1.27E+08	1.27E+08	-	0.188311
Mbd6	MmuINT0096268	chr10	1.27E+08	1.27E+08	-	0.018524
Mbd6	MmuINT0096269	chr10	1.27E+08	1.27E+08	-	0.019142
Mbd6	MmuINT0096270	chr10	1.27E+08	1.27E+08	-	0.009301
Mbd6	MmuINT0096271	chr10	1.27E+08	1.27E+08	-	0.059082
Mbd6	MmuINT0096272	chr10	1.27E+08	1.27E+08	-	0.142114
Mbd6	MmuINT0096273	chr10	1.27E+08	1.27E+08	-	0.07957
Mbd6	MmuINT0096274	chr10	1.27E+08	1.27E+08	-	0.068025
Mbip	MmuINT0096275	chr12	57443343	57446658	-	0.049879
Mbip	MmuINT0096276	chr12	57441591	57443222	-	0.028106
Mbip	MmuINT0096277	chr12	57441285	57441371	-	0.143906
Mbip	MmuINT0096278	chr12	57438817	57441187	-	0.238442
Mbip	MmuINT0096279	chr12	57438443	57438750	-	0.263119
Mbip	MmuINT0096280	chr12	57436883	57438289	-	0.080396
Mbip	MmuINT0096281	chr12	57431255	57436784	-	0.18665
Mbip	MmuINT0096282	chr12	57429787	57431215	-	0.156931
Mbnl1	MmuINT0096293	chr3	60305346	60332677	+	0.059361
Mbnl1	MmuINT0096294	chr3	60333727	60399515	+	0.004723
Mbnl1	MmuINT0096295	chr3	60399687	60407615	+	0.003731
Mbnl1	MmuINT0096296	chr3	60407817	60417184	+	0.003728
Mbnl1	MmuINT0096297	chr3	60417443	60419541	+	0.014028
Mbnl1	MmuINT0096298	chr3	60419696	60425344	+	0.538466
Mbnl1	MmuINT0096299	chr3	60425381	60426067	+	0.521985
Mbnl1	MmuINT0096300	chr3	60426163	60429045	+	0.054084
Mbnl1	MmuINT0096301	chr3	60429121	60430301	+	0.008798
Mbnl2	MmuINT0096302	chr14	1.21E+08	1.21E+08	+	0.001927
Mbnl2	MmuINT0096303	chr14	1.21E+08	1.21E+08	+	0.001961
Mbnl2	MmuINT0096304	chr14	1.21E+08	1.21E+08	+	0.003535
Mbnl2	MmuINT0096305	chr14	1.21E+08	1.21E+08	+	0.002695
Mbnl2	MmuINT0096306	chr14	1.21E+08	1.21E+08	+	0.251764
Mbnl2	MmuINT0096307	chr14	1.21E+08	1.21E+08	+	0.364117
Mbnl2	MmuINT0096308	chr14	1.21E+08	1.21E+08	+	0.060355
Mbnl2	MmuINT0096309	chr14	1.21E+08	1.21E+08	+	0.046845
Mboat2	MmuINT0096331	chr12	25516640	25563055	+	0.024886
Mboat2	MmuINT0096332	chr12	25639116	25640141	+	0.013523
Mboat2	MmuINT0096333	chr12	25640275	25642437	+	0.01167
Mboat2	MmuINT0096334	chr12	25642590	25643799	+	0.006917
Mboat2	MmuINT0096335	chr12	25563202	25567581	+	0.012573
Mboat2	MmuINT0096336	chr12	25567660	25609063	+	0.022512

Mboat2	MmuINT0096337	chr12	25609160	25619431	+	0.025597
Mboat2	MmuINT0096338	chr12	25619488	25624158	+	0.029303
Mboat2	MmuINT0096339	chr12	25624214	25631370	+	0.013112
Mboat2	MmuINT0096340	chr12	25631552	25633052	+	0.025363
Mboat2	MmuINT0096341	chr12	25633246	25636250	+	0.012548
Mboat2	MmuINT0096342	chr12	25636355	25639050	+	0.016342
Mboat7	MmuINT0096345	chr7	3643721	3644342	-	0.019246
Mboat7	MmuINT0096346	chr7	3643538	3643641	-	0.015568
Mboat7	MmuINT0096347	chr7	3642991	3643407	-	0.028221
Mboat7	MmuINT0096348	chr7	3640285	3642863	-	0.013101
Mboat7	MmuINT0096349	chr7	3637637	3640124	-	0.031624
Mboat7	MmuINT0096351	chr7	3630452	3635410	-	0.037077
Mbtd1	MmuINT0096364	chr11	93787037	93787535	+	0.033021
Mbtd1	MmuINT0096369	chr11	93795273	93805088	+	0.01066
Mbtd1	MmuINT0096370	chr11	93766673	93770117	+	0.107348
Mbtd1	MmuINT0096371	chr11	93770252	93771596	+	0.086015
Mbtd1	MmuINT0096372	chr11	93771721	93773689	+	0.033006
Mbtd1	MmuINT0096373	chr11	93773773	93782680	+	0.042834
Mbtd1	MmuINT0096374	chr11	93782799	93784459	+	0.03503
Mbtd1	MmuINT0096375	chr11	93784595	93785104	+	0.072966
Mbtd1	MmuINT0096376	chr11	93785194	93785738	+	0.027359
Mbtd1	MmuINT0096377	chr11	93785974	93786980	+	0.025885
Mbtps1	MmuINT0096378	chr8	1.22E+08	1.22E+08	-	0.011197
Mbtps1	MmuINT0096379	chr8	1.22E+08	1.22E+08	-	0.008034
Mbtps1	MmuINT0096380	chr8	1.22E+08	1.22E+08	-	0.013177
Mbtps1	MmuINT0096381	chr8	1.22E+08	1.22E+08	-	0.015475
Mbtps1	MmuINT0096382	chr8	1.22E+08	1.22E+08	-	0.00676
Mbtps1	MmuINT0096383	chr8	1.22E+08	1.22E+08	-	0.007705
Mbtps1	MmuINT0096384	chr8	1.22E+08	1.22E+08	-	0.009177
Mbtps1	MmuINT0096385	chr8	1.22E+08	1.22E+08	-	0.011072
Mbtps1	MmuINT0096386	chr8	1.22E+08	1.22E+08	-	0.012205
Mbtps1	MmuINT0096387	chr8	1.22E+08	1.22E+08	-	0.010936
Mbtps1	MmuINT0096388	chr8	1.22E+08	1.22E+08	-	0.063841
Mbtps1	MmuINT0096389	chr8	1.22E+08	1.22E+08	-	0.026144
Mbtps1	MmuINT0096390	chr8	1.22E+08	1.22E+08	-	0.026593
Mbtps1	MmuINT0096391	chr8	1.22E+08	1.22E+08	-	0.059185
Mbtps1	MmuINT0096392	chr8	1.22E+08	1.22E+08	-	0.026706
Mbtps1	MmuINT0096393	chr8	1.22E+08	1.22E+08	-	0.007971
Mbtps1	MmuINT0096394	chr8	1.22E+08	1.22E+08	-	0.006586
Mbtps1	MmuINT0096395	chr8	1.22E+08	1.22E+08	-	0.015164
Mbtps1	MmuINT0096396	chr8	1.22E+08	1.22E+08	-	0.021742
Mbtps1	MmuINT0096397	chr8	1.22E+08	1.22E+08	-	0.011421
Mbtps1	MmuINT0096398	chr8	1.22E+08	1.22E+08	-	0.023611
Mbtps1	MmuINT0096399	chr8	1.22E+08	1.22E+08	-	0.015219
Mbtps2	MmuINT0096402	chrX	1.54E+08	1.54E+08	-	0.071292
Mbtps2	MmuINT0096403	chrX	1.54E+08	1.54E+08	-	0.046087
Mbtps2	MmuINT0096404	chrX	1.54E+08	1.54E+08	-	0.026381
Mbtps2	MmuINT0096405	chrX	1.54E+08	1.54E+08	-	0.02494
Mbtps2	MmuINT0096406	chrX	1.54E+08	1.54E+08	-	0.023555
Mbtps2	MmuINT0096407	chrX	1.54E+08	1.54E+08	-	0.031412

Mbtps2	MmuINT0096408	chrX	1.54E+08	1.54E+08	-	0.02575
Mbtps2	MmuINT0096409	chrX	1.54E+08	1.54E+08	-	0.06316
Mbtps2	MmuINT0096410	chrX	1.54E+08	1.54E+08	-	0.043677
Mbtps2	MmuINT0096411	chrX	1.54E+08	1.54E+08	-	0.030365
Mcam	MmuINT0096415	chr9	43942840	43944600	+	0.096764
Mcam	MmuINT0096416	chr9	43948085	43948219	+	0.039812
Mcam	MmuINT0096417	chr9	43948342	43948444	+	0.016503
Mcam	MmuINT0096418	chr9	43948587	43948680	+	0.175413
Mcam	MmuINT0096419	chr9	43948777	43948927	+	0.197984
Mcam	MmuINT0096420	chr9	43949076	43949357	+	0.280261
Mcam	MmuINT0096421	chr9	43949476	43949866	+	0.183325
Mcam	MmuINT0096422	chr9	43944732	43944820	+	0.015637
Mcam	MmuINT0096423	chr9	43945029	43945121	+	0.055168
Mcam	MmuINT0096424	chr9	43945193	43945300	+	0.027816
Mcam	MmuINT0096425	chr9	43945389	43946917	+	0.146671
Mcam	MmuINT0096426	chr9	43947098	43947240	+	0.014712
Mcam	MmuINT0096427	chr9	43947363	43947482	+	0.012457
Mcam	MmuINT0096428	chr9	43947646	43947735	+	0.031965
Mcam	MmuINT0096429	chr9	43947855	43947942	+	0.024821
Mcart1	MmuINT0096430	chr4	45417708	45421566	-	0.017263
Mcart1	MmuINT0096431	chr4	45413052	45417598	-	0.002224
Mcat	MmuINT0096439	chr15	83383052	83385700	-	0.02002
Mcat	MmuINT0096440	chr15	83379766	83382963	-	0.00858
Mcat	MmuINT0096441	chr15	83378373	83379547	-	0.008413
Mcc	MmuINT0096448	chr18	44605591	44608858	-	0.040781
Mccc1	MmuINT0096460	chr3	35875767	35877844	-	0.002208
Mccc1	MmuINT0096461	chr3	35874827	35875582	-	0.003218
Mccc1	MmuINT0096462	chr3	35873213	35874716	-	0.003633
Mccc1	MmuINT0096463	chr3	35871487	35872995	-	0.100074
Mccc1	MmuINT0096464	chr3	35867396	35871399	-	0.019051
Mccc1	MmuINT0096465	chr3	35863387	35867345	-	0.012554
Mccc1	MmuINT0096466	chr3	35862615	35863248	-	0.001677
Mccc1	MmuINT0096467	chr3	35859927	35862506	-	0.001532
Mccc1	MmuINT0096468	chr3	35859052	35859854	-	0.002044
Mccc1	MmuINT0096469	chr3	35894840	35896446	-	0.002397
Mccc1	MmuINT0096470	chr3	35892934	35894702	-	0.001559
Mccc1	MmuINT0096471	chr3	35889741	35892837	-	0.002086
Mccc1	MmuINT0096472	chr3	35889119	35889618	-	0.001597
Mccc1	MmuINT0096473	chr3	35888888	35888970	-	0.001249
Mccc1	MmuINT0096474	chr3	35884016	35888765	-	0.002145
Mccc1	MmuINT0096475	chr3	35882737	35883903	-	0.0016
Mccc1	MmuINT0096476	chr3	35877973	35882654	-	0.001222
Mccc2	MmuINT0096477	chr13	1.01E+08	1.01E+08	-	0.003609
Mccc2	MmuINT0096478	chr13	1.01E+08	1.01E+08	-	0.004399
Mccc2	MmuINT0096479	chr13	1.01E+08	1.01E+08	-	0.0222
Mccc2	MmuINT0096480	chr13	1.01E+08	1.01E+08	-	0.004173
Mccc2	MmuINT0096481	chr13	1.01E+08	1.01E+08	-	0.016277
Mccc2	MmuINT0096482	chr13	1.01E+08	1.01E+08	-	0.002323
Mccc2	MmuINT0096483	chr13	1.01E+08	1.01E+08	-	0.003472
Mccc2	MmuINT0096484	chr13	1.01E+08	1.01E+08	-	0.003144

Mccc2	MmuINT0096485	chr13	1.01E+08	1.01E+08	-	0.003832
Mccc2	MmuINT0096486	chr13	1.01E+08	1.01E+08	-	0.00298
Mccc2	MmuINT0096487	chr13	1.01E+08	1.01E+08	-	0.002581
Mccc2	MmuINT0096488	chr13	1.01E+08	1.01E+08	-	0.002593
Mccc2	MmuINT0096489	chr13	1.01E+08	1.01E+08	-	0.003602
Mccc2	MmuINT0096490	chr13	1.01E+08	1.01E+08	-	0.004467
Mccc2	MmuINT0096491	chr13	1.01E+08	1.01E+08	-	0.006067
Mccc2	MmuINT0096492	chr13	1.01E+08	1.01E+08	-	0.004087
Mcee	MmuINT0096493	chr7	71537730	71545054	+	0.002634
Mcee	MmuINT0096494	chr7	71545393	71556720	+	0.004761
Mcf2l	MmuINT0096520	chr8	13000863	13001281	+	0.016725
Mcf2l	MmuINT0096521	chr8	13001474	13001810	+	0.012224
Mcf2l	MmuINT0096522	chr8	13002003	13002637	+	0.047774
Mcf2l	MmuINT0096523	chr8	13002798	13003574	+	0.006721
Mcf2l	MmuINT0096524	chr8	13003649	13003884	+	0.009557
Mcf2l	MmuINT0096525	chr8	13003962	13005449	+	0.016489
Mcf2l	MmuINT0096526	chr8	13005517	13006724	+	0.013339
Mcf2l	MmuINT0096527	chr8	13006841	13007684	+	0.033979
Mcf2l	MmuINT0096528	chr8	13007755	13009466	+	0.129774
Mcf2l	MmuINT0096529	chr8	13009560	13009653	+	0.014988
Mcf2l	MmuINT0096530	chr8	12963248	12972978	+	0.006458
Mcf2l	MmuINT0096531	chr8	13009747	13010415	+	0.008631
Mcf2l	MmuINT0096532	chr8	13010542	13011378	+	0.006519
Mcf2l	MmuINT0096533	chr8	13011601	13011728	+	0.006703
Mcf2l	MmuINT0096534	chr8	13011822	13012800	+	0.022075
Mcf2l	MmuINT0096535	chr8	13012880	13012997	+	0.013495
Mcf2l	MmuINT0096536	chr8	13013065	13013534	+	0.085498
Mcf2l	MmuINT0096537	chr8	13013651	13017346	+	0.081571
Mcf2l	MmuINT0096538	chr8	13017469	13018060	+	0.01929
Mcf2l	MmuINT0096539	chr8	12973094	12984859	+	0.019067
Mcf2l	MmuINT0096540	chr8	12984951	12993828	+	0.012745
Mcf2l	MmuINT0096541	chr8	12993949	12996609	+	0.009687
Mcf2l	MmuINT0096542	chr8	12996727	12997245	+	0.052768
Mcf2l	MmuINT0096543	chr8	12997396	12998368	+	0.00893
Mcf2l	MmuINT0096544	chr8	12998494	12999948	+	0.007011
Mcf2l	MmuINT0096545	chr8	13000064	13000742	+	0.010116
Mcf2l	MmuINT0096549	chr8	13014008	13014818	+	0.969217
Mcfd2	MmuINT0096551	chr17	87657430	87665174	-	0.057954
Mcfd2	MmuINT0096552	chr17	87656647	87657267	-	0.003809
Mcfd2	MmuINT0096553	chr17	87655398	87656486	-	0.004588
Mcl1	MmuINT0096557	chr3	95463411	95463683	+	0.02054
Mcl1	MmuINT0096558	chr3	95463932	95464629	+	0.015678
Mcm2	MmuINT0096579	chr6	88837622	88837713	-	0.03864
Mcm2	MmuINT0096580	chr6	88837068	88837494	-	0.045326
Mcm2	MmuINT0096581	chr6	88836090	88836954	-	0.032559
Mcm2	MmuINT0096582	chr6	88834859	88835837	-	0.045935
Mcm2	MmuINT0096583	chr6	88834526	88834675	-	0.054032
Mcm2	MmuINT0096584	chr6	88834105	88834369	-	0.032887
Mcm2	MmuINT0096585	chr6	88843508	88847280	-	0.045525
Mcm2	MmuINT0096586	chr6	88843200	88843331	-	0.030414

Mcm2	MmuINT0096587	chr6	88842190	88842938	-	0.049499
Mcm2	MmuINT0096588	chr6	88841875	88841969	-	0.03551
Mcm2	MmuINT0096591	chr6	88838260	88839007	-	0.047959
Mcm2	MmuINT0096592	chr6	88837965	88838165	-	0.047251
Mcm3	MmuINT0096593	chr1	20807987	20810211	-	0.059056
Mcm3	MmuINT0096594	chr1	20799804	20800138	-	0.036267
Mcm3	MmuINT0096595	chr1	20798953	20799676	-	0.047898
Mcm3	MmuINT0096596	chr1	20796964	20798801	-	0.051743
Mcm3	MmuINT0096598	chr1	20795421	20795877	-	0.069718
Mcm3	MmuINT0096599	chr1	20794989	20795343	-	0.069043
Mcm3	MmuINT0096600	chr1	20793736	20794897	-	0.081619
Mcm3	MmuINT0096603	chr1	20805009	20806729	-	0.065863
Mcm3	MmuINT0096604	chr1	20804589	20804769	-	0.055418
Mcm3	MmuINT0096605	chr1	20803196	20804479	-	0.037218
Mcm3	MmuINT0096606	chr1	20802777	20803041	-	0.043728
Mcm3	MmuINT0096607	chr1	20802255	20802644	-	0.045437
Mcm3ap	MmuINT0096610	chr10	75947562	75951086	+	0.028754
Mcm3ap	MmuINT0096611	chr10	75951248	75952079	+	0.015102
Mcm3ap	MmuINT0096612	chr10	75952322	75952612	+	0.024167
Mcm3ap	MmuINT0096613	chr10	75952813	75953472	+	0.018901
Mcm3ap	MmuINT0096614	chr10	75953574	75955605	+	0.020283
Mcm3ap	MmuINT0096615	chr10	75955738	75956174	+	0.01376
Mcm3ap	MmuINT0096616	chr10	75956289	75959152	+	0.02125
Mcm3ap	MmuINT0096617	chr10	75959306	75962200	+	0.01898
Mcm3ap	MmuINT0096618	chr10	75962399	75963806	+	0.024257
Mcm3ap	MmuINT0096619	chr10	75963876	75963954	+	0.025153
Mcm3ap	MmuINT0096620	chr10	75933998	75934167	+	0.016334
Mcm3ap	MmuINT0096621	chr10	75964090	75965396	+	0.033675
Mcm3ap	MmuINT0096622	chr10	75965551	75966907	+	0.024615
Mcm3ap	MmuINT0096623	chr10	75967167	75967374	+	0.013672
Mcm3ap	MmuINT0096624	chr10	75967473	75969042	+	0.011073
Mcm3ap	MmuINT0096625	chr10	75969434	75970034	+	0.016412
Mcm3ap	MmuINT0096626	chr10	75970293	75971042	+	0.018936
Mcm3ap	MmuINT0096627	chr10	75971173	75973764	+	0.035685
Mcm3ap	MmuINT0096628	chr10	75973969	75975162	+	0.034122
Mcm3ap	MmuINT0096629	chr10	75975314	75978326	+	0.025038
Mcm3ap	MmuINT0096630	chr10	75934395	75939258	+	0.019811
Mcm3ap	MmuINT0096631	chr10	75939338	75939527	+	0.058765
Mcm3ap	MmuINT0096632	chr10	75939670	75940464	+	0.018124
Mcm3ap	MmuINT0096633	chr10	75940656	75943745	+	0.023086
Mcm3ap	MmuINT0096634	chr10	75943886	75945368	+	0.239094
Mcm3ap	MmuINT0096635	chr10	75945567	75945859	+	0.01573
Mcm3ap	MmuINT0096636	chr10	75946129	75947398	+	0.013302
Mcm4	MmuINT0096637	chr16	15636876	15637203	-	0.045534
Mcm4	MmuINT0096638	chr16	15629761	15630353	-	0.034966
Mcm4	MmuINT0096639	chr16	15628814	15629394	-	0.060425
Mcm4	MmuINT0096640	chr16	15627950	15628685	-	0.026437
Mcm4	MmuINT0096641	chr16	15626358	15627741	-	0.039077
Mcm4	MmuINT0096642	chr16	15625789	15626128	-	0.047511
Mcm4	MmuINT0096643	chr16	15624863	15625654	-	0.03184

Mcm4	MmuINT0096644	chr16	15636443	15636713	-	0.044358
Mcm4	MmuINT0096645	chr16	15636188	15636278	-	0.05487
Mcm4	MmuINT0096646	chr16	15635419	15636085	-	0.042631
Mcm4	MmuINT0096650	chr16	15631913	15632209	-	0.045727
Mcm4	MmuINT0096651	chr16	15630614	15631791	-	0.034536
Mcm5	MmuINT0096654	chr8	77645177	77645436	+	0.062882
Mcm5	MmuINT0096655	chr8	77645614	77646890	+	0.056413
Mcm5	MmuINT0096657	chr8	77647869	77648699	+	0.076113
Mcm5	MmuINT0096658	chr8	77648843	77650135	+	0.057064
Mcm5	MmuINT0096660	chr8	77633774	77633988	+	0.053217
Mcm5	MmuINT0096666	chr8	77641593	77643155	+	0.049778
Mcm5	MmuINT0096667	chr8	77643268	77644678	+	0.065975
Mcm6	MmuINT0096669	chr1	1.3E+08	1.3E+08	-	0.059598
Mcm6	MmuINT0096670	chr1	1.3E+08	1.3E+08	-	0.051757
Mcm6	MmuINT0096671	chr1	1.3E+08	1.3E+08	-	0.048548
Mcm6	MmuINT0096672	chr1	1.3E+08	1.3E+08	-	0.068951
Mcm6	MmuINT0096673	chr1	1.3E+08	1.3E+08	-	0.04991
Mcm6	MmuINT0096674	chr1	1.3E+08	1.3E+08	-	0.015683
Mcm6	MmuINT0096675	chr1	1.3E+08	1.3E+08	-	0.177835
Mcm6	MmuINT0096677	chr1	1.3E+08	1.3E+08	-	0.061093
Mcm6	MmuINT0096678	chr1	1.3E+08	1.3E+08	-	0.054631
Mcm6	MmuINT0096680	chr1	1.3E+08	1.3E+08	-	0.053266
Mcm6	MmuINT0096681	chr1	1.3E+08	1.3E+08	-	0.054226
Mcm6	MmuINT0096683	chr1	1.3E+08	1.3E+08	-	0.064882
Mcm7	MmuINT0096684	chr5	1.39E+08	1.39E+08	-	0.086889
Mcm7	MmuINT0096692	chr5	1.39E+08	1.39E+08	-	0.009111
Mcm7	MmuINT0096694	chr5	1.39E+08	1.39E+08	-	0.046336
Mcm8	MmuINT0096698	chr2	1.33E+08	1.33E+08	+	0.05248
Mcm8	MmuINT0096699	chr2	1.33E+08	1.33E+08	+	0.061365
Mcm8	MmuINT0096701	chr2	1.33E+08	1.33E+08	+	0.075267
Mcm8	MmuINT0096702	chr2	1.33E+08	1.33E+08	+	0.068823
Mcm8	MmuINT0096703	chr2	1.33E+08	1.33E+08	+	0.055225
Mcm8	MmuINT0096704	chr2	1.33E+08	1.33E+08	+	0.053451
Mcm8	MmuINT0096706	chr2	1.33E+08	1.33E+08	+	0.060354
Mcm8	MmuINT0096708	chr2	1.33E+08	1.33E+08	+	0.054031
Mcm8	MmuINT0096709	chr2	1.33E+08	1.33E+08	+	0.04514
Mcm8	MmuINT0096711	chr2	1.33E+08	1.33E+08	+	0.048588
Mcm8	MmuINT0096713	chr2	1.33E+08	1.33E+08	+	0.04549
Mcm8	MmuINT0096714	chr2	1.33E+08	1.33E+08	+	0.059794
Mcm9	MmuINT0096719	chr10	53258574	53260743	-	0.044478
Mcm9	MmuINT0096721	chr10	53342879	53345521	-	0.044705
Mcm9	MmuINT0096722	chr10	53340022	53342561	-	0.062566
Mcm9	MmuINT0096724	chr10	53332759	53335657	-	0.395149
Mcm9	MmuINT0096725	chr10	53331278	53332632	-	0.426825
Mcoln1	MmuINT0096728	chr8	3500628	3505737	+	0.014505
Mcoln1	MmuINT0096729	chr8	3510916	3511687	+	0.028921
Mcoln1	MmuINT0096730	chr8	3511811	3512649	+	0.012214
Mcoln1	MmuINT0096731	chr8	3512866	3514782	+	0.150275
Mcoln1	MmuINT0096732	chr8	3514914	3515013	+	0.074007
Mcoln1	MmuINT0096733	chr8	3505944	3507148	+	0.009294

Mcoln1	MmuINT0096734	chr8	3507317	3507400	+	0.007958
Mcoln1	MmuINT0096735	chr8	3507567	3508318	+	0.007198
Mcoln1	MmuINT0096736	chr8	3508428	3508683	+	0.020763
Mcoln1	MmuINT0096737	chr8	3508781	3509135	+	0.038739
Mcoln1	MmuINT0096738	chr8	3509236	3510319	+	0.065951
Mcoln1	MmuINT0096739	chr8	3510427	3510539	+	0.062199
Mcoln1	MmuINT0096740	chr8	3510690	3510813	+	0.01884
Mcph1	MmuINT0096768	chr8	18671255	18688981	+	0.05341
Mcph1	MmuINT0096770	chr8	18788477	18801405	+	0.045028
Mcph1	MmuINT0096777	chr8	18632644	18641564	+	0.097454
Mcpt4	MmuINT0096791	chr14	56679908	56680410	-	0.021111
Mcrs1	MmuINT0096802	chr15	99080446	99082292	-	0.969147
Mcts1	MmuINT0096859	chrX	35953956	35955105	+	0.004476
Mcts1	MmuINT0096860	chrX	35955259	35955752	+	0.007831
Mcts1	MmuINT0096861	chrX	35955851	35959115	+	0.005611
Mcts1	MmuINT0096862	chrX	35959250	35964942	+	0.162781
Mcts1	MmuINT0096863	chrX	35965011	35966397	+	0.024228
Mdc1	MmuINT0096865	chr17	35990834	35990965	+	0.051488
Mdc1	MmuINT0096866	chr17	35991058	35991147	+	0.030174
Mdc1	MmuINT0096867	chr17	35991268	35991361	+	0.039746
Mdc1	MmuINT0096868	chr17	35991545	35991800	+	0.036675
Mdc1	MmuINT0096869	chr17	35991927	35992044	+	0.031217
Mdc1	MmuINT0096870	chr17	35992156	35994407	+	0.047952
Mdc1	MmuINT0096873	chr17	35983323	35984267	+	0.045324
Mdc1	MmuINT0096875	chr17	35985803	35985951	+	0.040235
Mdc1	MmuINT0096878	chr17	35988102	35989359	+	0.070327
Mdfic	MmuINT0096885	chr6	15671365	15690987	+	0.060835
Mdfic	MmuINT0096886	chr6	15691111	15720213	+	0.026898
Mdfic	MmuINT0096887	chr6	15720493	15749617	+	0.017012
Mdga1	MmuINT0096888	chr17	29994675	30024391	-	0.387419
Mdga1	MmuINT0096889	chr17	29976928	29977741	-	0.008141
Mdga1	MmuINT0096891	chr17	29975072	29975381	-	0.005995
Mdga1	MmuINT0096892	chr17	29970298	29974936	-	0.016791
Mdga1	MmuINT0096893	chr17	29969967	29970166	-	0.011046
Mdga1	MmuINT0096894	chr17	29969345	29969857	-	0.010533
Mdga1	MmuINT0096899	chr17	29983596	29986101	-	0.562937
Mdh1	MmuINT0096920	chr11	21466722	21471732	-	0.000137
Mdh1	MmuINT0096921	chr11	21465924	21466622	-	0.000294
Mdh1	MmuINT0096922	chr11	21464220	21465826	-	0.000308
Mdh1	MmuINT0096923	chr11	21462991	21464043	-	0.001615
Mdh1	MmuINT0096924	chr11	21459879	21462867	-	0.001937
Mdh1	MmuINT0096925	chr11	21459309	21459701	-	0.001469
Mdh1	MmuINT0096926	chr11	21458555	21459194	-	0.002081
Mdh1	MmuINT0096927	chr11	21457572	21458464	-	0.003044
Mdh2	MmuINT0096938	chr5	1.36E+08	1.36E+08	+	0.000274
Mdh2	MmuINT0096939	chr5	1.36E+08	1.36E+08	+	0.000463
Mdh2	MmuINT0096940	chr5	1.36E+08	1.36E+08	+	0.00081
Mdh2	MmuINT0096941	chr5	1.36E+08	1.36E+08	+	0.000117
Mdh2	MmuINT0096942	chr5	1.36E+08	1.36E+08	+	0.000462
Mdh2	MmuINT0096943	chr5	1.36E+08	1.36E+08	+	0.000744

Mdh2	MmuINT0096944	chr5	1.36E+08	1.36E+08	+	0.000229
Mdh2	MmuINT0096945	chr5	1.36E+08	1.36E+08	+	0.000369
Mdk	MmuINT0096951	chr2	91770273	91770974	-	0.02227
Mdm1	MmuINT0096957	chr10	1.18E+08	1.18E+08	+	0.10009
Mdm1	MmuINT0096958	chr10	1.18E+08	1.18E+08	+	0.043516
Mdm1	MmuINT0096959	chr10	1.18E+08	1.18E+08	+	0.080966
Mdm1	MmuINT0096960	chr10	1.18E+08	1.18E+08	+	0.078768
Mdm1	MmuINT0096961	chr10	1.18E+08	1.18E+08	+	0.05479
Mdm1	MmuINT0096964	chr10	1.18E+08	1.18E+08	+	0.095578
Mdm1	MmuINT0096967	chr10	1.18E+08	1.18E+08	+	0.048481
Mdm1	MmuINT0096968	chr10	1.18E+08	1.18E+08	+	0.056109
Mdm2	MmuINT0096969	chr10	1.17E+08	1.17E+08	-	0.286855
Mdm2	MmuINT0096970	chr10	1.17E+08	1.17E+08	-	0.066661
Mdm2	MmuINT0096971	chr10	1.17E+08	1.17E+08	-	0.004496
Mdm2	MmuINT0096972	chr10	1.17E+08	1.17E+08	-	0.019218
Mdm2	MmuINT0096973	chr10	1.17E+08	1.17E+08	-	0.031853
Mdm2	MmuINT0096974	chr10	1.17E+08	1.17E+08	-	0.007666
Mdm2	MmuINT0096975	chr10	1.17E+08	1.17E+08	-	0.019884
Mdm2	MmuINT0096976	chr10	1.17E+08	1.17E+08	-	0.024441
Mdm2	MmuINT0096977	chr10	1.17E+08	1.17E+08	-	0.048578
Mdm2	MmuINT0096978	chr10	1.17E+08	1.17E+08	-	0.028966
Mdm2	MmuINT0096979	chr10	1.17E+08	1.17E+08	-	0.02562
Mdm4	MmuINT0096981	chr1	1.35E+08	1.35E+08	-	0.041025
Mdm4	MmuINT0096982	chr1	1.35E+08	1.35E+08	-	0.019753
Mdm4	MmuINT0096984	chr1	1.35E+08	1.35E+08	-	0.04522
Mdm4	MmuINT0096986	chr1	1.35E+08	1.35E+08	-	0.033495
Mdm4	MmuINT0096987	chr1	1.35E+08	1.35E+08	-	0.711443
Mdm4	MmuINT0096988	chr1	1.35E+08	1.35E+08	-	0.808682
Mdm4	MmuINT0096989	chr1	1.35E+08	1.35E+08	-	0.019607
Mdn1	MmuINT0096993	chr4	32858876	32860234	+	0.078207
Mdn1	MmuINT0096994	chr4	32860378	32860925	+	0.044859
Mdn1	MmuINT0097039	chr4	32812941	32813800	+	0.071966
Mdn1	MmuINT0097052	chr4	32822871	32825583	+	0.065452
Mdn1	MmuINT0097053	chr4	32825746	32825877	+	0.055297
Mdn1	MmuINT0097057	chr4	32828076	32828297	+	0.064135
Mdn1	MmuINT0097058	chr4	32828420	32828750	+	0.067554
Mdn1	MmuINT0097062	chr4	32830155	32830616	+	0.049739
Mdn1	MmuINT0097063	chr4	32830816	32831516	+	0.044884
Mdn1	MmuINT0097064	chr4	32831680	32832556	+	0.052251
Mdn1	MmuINT0097065	chr4	32832704	32833415	+	0.069716
Mdn1	MmuINT0097066	chr4	32833543	32834818	+	0.056052
Mdn1	MmuINT0097068	chr4	32835666	32836527	+	0.050514
Mdn1	MmuINT0097069	chr4	32837011	32837224	+	0.054551
Mdn1	MmuINT0097071	chr4	32837452	32837887	+	0.054681
Mdn1	MmuINT0097073	chr4	32838369	32839005	+	0.053871
Mdn1	MmuINT0097074	chr4	32839168	32841404	+	0.06496
Mdn1	MmuINT0097075	chr4	32841543	32843351	+	0.04623
Mdn1	MmuINT0097076	chr4	32843491	32844711	+	0.052373
Mdn1	MmuINT0097077	chr4	32844882	32845330	+	0.062301
Mdn1	MmuINT0097078	chr4	32845475	32846024	+	0.049243



Mdn1	MmuINT0097079	chr4	32846173	32847594	+	0.053621
Mdn1	MmuINT0097082	chr4	32848347	32849226	+	0.051386
Mdn1	MmuINT0097083	chr4	32849329	32850131	+	0.081325
Mdn1	MmuINT0097084	chr4	32850328	32852083	+	0.082329
Mdn1	MmuINT0097085	chr4	32852252	32852636	+	0.073544
Mdn1	MmuINT0097086	chr4	32852801	32854056	+	0.080804
Mdn1	MmuINT0097087	chr4	32854147	32854916	+	0.065059
Mdn1	MmuINT0097088	chr4	32855033	32855627	+	0.038276
Mdn1	MmuINT0097089	chr4	32855803	32857244	+	0.060569
Mdn1	MmuINT0097090	chr4	32857319	32857852	+	0.050465
Mdn1	MmuINT0097091	chr4	32857968	32858811	+	0.064143
Mdp1	MmuINT0097092	chr14	56279066	56279174	-	0.007206
Mdp1	MmuINT0097093	chr14	56278936	56279004	-	0.168475
Mdp1	MmuINT0097095	chr14	56278123	56278206	-	0.003356
Mdp1	MmuINT0097096	chr14	56277912	56278036	-	0.008094
Me1	MmuINT0097097	chr9	86573882	86589705	-	0.006773
Me1	MmuINT0097105	chr9	86540022	86544474	-	0.002091
Me1	MmuINT0097106	chr9	86513442	86539917	-	0.000069
Me2	MmuINT0097110	chr18	73964824	73974957	-	0.025793
Me2	MmuINT0097111	chr18	73948123	73950737	-	0.024059
Me2	MmuINT0097112	chr18	73945492	73948007	-	0.018568
Me2	MmuINT0097113	chr18	73940799	73945348	-	0.028213
Me2	MmuINT0097114	chr18	73935104	73940695	-	0.034461
Me2	MmuINT0097115	chr18	73932883	73935032	-	0.030901
Me2	MmuINT0097116	chr18	73930463	73932783	-	0.022495
Me2	MmuINT0097117	chr18	73961517	73964705	-	0.024007
Me2	MmuINT0097118	chr18	73957633	73961382	-	0.02131
Me2	MmuINT0097119	chr18	73956044	73957482	-	0.037896
Me2	MmuINT0097120	chr18	73954597	73955967	-	0.01922
Me2	MmuINT0097121	chr18	73954204	73954434	-	0.02692
Me2	MmuINT0097122	chr18	73951565	73954099	-	0.038921
Me2	MmuINT0097123	chr18	73951361	73951454	-	0.039283
Me2	MmuINT0097124	chr18	73950852	73951262	-	0.023543
Me3	MmuINT0097125	chr7	96781604	96885137	+	0.004142
Me3	MmuINT0097126	chr7	96996540	96997117	+	0.006535
Me3	MmuINT0097127	chr7	96997261	96998103	+	0.014376
Me3	MmuINT0097128	chr7	96998278	96998842	+	0.00174
Me3	MmuINT0097129	chr7	96998942	97000245	+	0.004216
Me3	MmuINT0097130	chr7	96885272	96888316	+	0.001876
Me3	MmuINT0097131	chr7	96888467	96934935	+	0.001627
Me3	MmuINT0097132	chr7	96935012	96945129	+	0.002121
Me3	MmuINT0097133	chr7	96945292	96955156	+	0.001562
Me3	MmuINT0097134	chr7	96955261	96982206	+	0.002274
Me3	MmuINT0097135	chr7	96982317	96994304	+	0.003704
Me3	MmuINT0097136	chr7	96994403	96994709	+	0.002099
Me3	MmuINT0097137	chr7	96994824	96996433	+	0.006324
Mea1	MmuINT0097138	chr17	46818155	46818565	+	0.149757
Mea1	MmuINT0097139	chr17	46818847	46818957	+	0.003727
Mea1	MmuINT0097140	chr17	46819061	46819667	+	0.021475
Meaf6	MmuINT0097141	chr4	1.25E+08	1.25E+08	+	0.023407

Meaf6	MmuINT0097142	chr4	1.25E+08	1.25E+08	+	0.010648
Meaf6	MmuINT0097143	chr4	1.25E+08	1.25E+08	+	0.017166
Meaf6	MmuINT0097144	chr4	1.25E+08	1.25E+08	+	0.008751
Meaf6	MmuINT0097145	chr4	1.25E+08	1.25E+08	+	0.540941
Mecom	MmuINT0097146	chr3	29908820	29911463	-	0.172123
Mecom	MmuINT0097147	chr3	29862151	29864370	-	0.069226
Mecom	MmuINT0097148	chr3	29860040	29861980	-	0.061483
Mecom	MmuINT0097149	chr3	29856472	29859894	-	0.04079
Mecom	MmuINT0097150	chr3	29855412	29856234	-	0.111345
Mecom	MmuINT0097151	chr3	29851773	29855227	-	0.115204
Mecom	MmuINT0097153	chr3	29892625	29896567	-	0.056841
Mecom	MmuINT0097154	chr3	29886100	29892407	-	0.045358
Mecom	MmuINT0097156	chr3	29878908	29884262	-	0.679108
Mecom	MmuINT0097157	chr3	29876269	29878522	-	0.082169
Mecom	MmuINT0097159	chr3	29864449	29865574	-	0.049677
Mecp2	MmuINT0097163	chrX	71325372	71330848	-	0.070329
Mecp2	MmuINT0097164	chrX	71282672	71325247	-	0.097833
Mecp2	MmuINT0097165	chrX	71281834	71282320	-	0.014238
Mecr	MmuINT0097166	chr4	1.31E+08	1.31E+08	+	0.040522
Mecr	MmuINT0097167	chr4	1.31E+08	1.31E+08	+	0.005413
Mecr	MmuINT0097168	chr4	1.31E+08	1.31E+08	+	0.006286
Mecr	MmuINT0097169	chr4	1.31E+08	1.31E+08	+	0.039257
Mecr	MmuINT0097170	chr4	1.31E+08	1.31E+08	+	0.016009
Mecr	MmuINT0097171	chr4	1.31E+08	1.31E+08	+	0.00628
Mecr	MmuINT0097172	chr4	1.31E+08	1.31E+08	+	0.016287
Mecr	MmuINT0097173	chr4	1.31E+08	1.31E+08	+	0.007479
Mecr	MmuINT0097174	chr4	1.31E+08	1.31E+08	+	0.008076
Med1	MmuINT0097176	chr11	98050603	98054372	-	0.01365
Med1	MmuINT0097177	chr11	98028945	98030676	-	0.02619
Med1	MmuINT0097178	chr11	98028138	98028832	-	0.016597
Med1	MmuINT0097179	chr11	98027689	98028012	-	0.011821
Med1	MmuINT0097180	chr11	98025316	98027569	-	0.013674
Med1	MmuINT0097181	chr11	98022554	98025113	-	0.014744
Med1	MmuINT0097182	chr11	98022357	98022457	-	0.012759
Med1	MmuINT0097183	chr11	98019784	98022250	-	0.043812
Med1	MmuINT0097184	chr11	98045235	98050495	-	0.014232
Med1	MmuINT0097185	chr11	98041623	98045155	-	0.021113
Med1	MmuINT0097186	chr11	98041464	98041567	-	0.018693
Med1	MmuINT0097187	chr11	98040455	98041330	-	0.015503
Med1	MmuINT0097188	chr11	98034607	98040425	-	0.029645
Med1	MmuINT0097189	chr11	98033085	98034534	-	0.015848
Med1	MmuINT0097190	chr11	98032336	98033009	-	0.024949
Med1	MmuINT0097191	chr11	98030767	98032261	-	0.030684
Med10	MmuINT0097193	chr13	69950569	69952581	+	0.04445
Med10	MmuINT0097194	chr13	69952685	69954468	+	0.041674
Med11	MmuINT0097195	chr11	70265566	70265709	+	0.048735
Med11	MmuINT0097196	chr11	70265841	70266603	+	0.028469
Med12	MmuINT0097197	chrX	98469699	98470234	+	0.018603
Med12	MmuINT0097198	chrX	98473540	98473766	+	0.300178
Med12	MmuINT0097199	chrX	98473899	98474683	+	0.022984

Med12	MmuINT0097200	chrX	98474811	98475894	+	0.014298
Med12	MmuINT0097201	chrX	98476125	98476506	+	0.0794
Med12	MmuINT0097202	chrX	98476588	98476701	+	0.113335
Med12	MmuINT0097203	chrX	98476873	98477076	+	0.054891
Med12	MmuINT0097204	chrX	98477222	98477388	+	0.102885
Med12	MmuINT0097205	chrX	98477440	98477739	+	0.099355
Med12	MmuINT0097206	chrX	98477859	98478038	+	0.035912
Med12	MmuINT0097207	chrX	98478183	98478620	+	0.10327
Med12	MmuINT0097208	chrX	98470340	98470510	+	0.024039
Med12	MmuINT0097209	chrX	98478785	98479006	+	0.013808
Med12	MmuINT0097210	chrX	98479139	98479484	+	0.502792
Med12	MmuINT0097211	chrX	98479713	98479882	+	0.017061
Med12	MmuINT0097212	chrX	98480028	98480200	+	0.063676
Med12	MmuINT0097213	chrX	98480322	98480799	+	0.044678
Med12	MmuINT0097214	chrX	98480902	98480997	+	0.017933
Med12	MmuINT0097215	chrX	98481112	98481363	+	0.010802
Med12	MmuINT0097216	chrX	98481540	98481706	+	0.196152
Med12	MmuINT0097217	chrX	98481887	98482899	+	0.016695
Med12	MmuINT0097218	chrX	98482972	98483387	+	0.038143
Med12	MmuINT0097219	chrX	98470703	98470830	+	0.018854
Med12	MmuINT0097220	chrX	98483522	98483688	+	0.035085
Med12	MmuINT0097221	chrX	98483851	98484469	+	0.013945
Med12	MmuINT0097222	chrX	98484582	98484744	+	0.01516
Med12	MmuINT0097223	chrX	98484835	98485356	+	0.020148
Med12	MmuINT0097224	chrX	98485467	98485663	+	0.011501
Med12	MmuINT0097225	chrX	98485800	98486533	+	0.012141
Med12	MmuINT0097226	chrX	98486696	98487882	+	0.01373
Med12	MmuINT0097227	chrX	98488261	98488474	+	0.02058
Med12	MmuINT0097228	chrX	98488626	98488763	+	0.012208
Med12	MmuINT0097229	chrX	98488970	98489131	+	0.219958
Med12	MmuINT0097230	chrX	98470991	98471438	+	0.019068
Med12	MmuINT0097231	chrX	98489210	98489296	+	0.033374
Med12	MmuINT0097232	chrX	98489515	98491180	+	0.061707
Med12	MmuINT0097233	chrX	98491428	98491931	+	0.054242
Med12	MmuINT0097234	chrX	98492073	98492257	+	0.023491
Med12	MmuINT0097235	chrX	98492340	98492525	+	0.012108
Med12	MmuINT0097236	chrX	98471621	98471780	+	0.019954
Med12	MmuINT0097237	chrX	98471892	98472003	+	0.01721
Med12	MmuINT0097238	chrX	98472259	98472772	+	0.061615
Med12	MmuINT0097239	chrX	98472920	98473191	+	0.02586
Med12	MmuINT0097240	chrX	98473292	98473402	+	0.018045
Med12	MmuINT0097254	chr3	59048903	59049662	+	0.049019
Med13	MmuINT0097284	chr11	86169011	86170961	-	0.022958
Med13	MmuINT0097285	chr11	86120565	86122200	-	0.025873
Med13	MmuINT0097286	chr11	86117158	86120485	-	0.048725
Med13	MmuINT0097287	chr11	86115058	86117035	-	0.035388
Med13	MmuINT0097288	chr11	86114847	86114966	-	0.023349
Med13	MmuINT0097289	chr11	86114349	86114631	-	0.020615
Med13	MmuINT0097290	chr11	86112699	86114151	-	0.030241
Med13	MmuINT0097291	chr11	86104707	86111781	-	0.02289

Med13	MmuINT0097292	chr11	86102659	86104544	-	0.029416
Med13	MmuINT0097293	chr11	86101783	86102434	-	0.027242
Med13	MmuINT0097294	chr11	86100393	86101592	-	0.016158
Med13	MmuINT0097295	chr11	86159531	86168775	-	0.018839
Med13	MmuINT0097296	chr11	86098835	86099935	-	0.030256
Med13	MmuINT0097297	chr11	86097445	86098614	-	0.015021
Med13	MmuINT0097298	chr11	86096926	86097252	-	0.013747
Med13	MmuINT0097299	chr11	86093238	86096701	-	0.014036
Med13	MmuINT0097300	chr11	86092425	86093094	-	0.019583
Med13	MmuINT0097301	chr11	86092158	86092265	-	0.013157
Med13	MmuINT0097302	chr11	86090471	86091971	-	0.08656
Med13	MmuINT0097303	chr11	86089050	86090321	-	0.020952
Med13	MmuINT0097304	chr11	86086066	86088875	-	0.021107
Med13	MmuINT0097305	chr11	86084621	86085964	-	0.019169
Med13	MmuINT0097306	chr11	86145531	86159361	-	0.026253
Med13	MmuINT0097307	chr11	86144688	86145384	-	0.025705
Med13	MmuINT0097308	chr11	86142865	86144489	-	0.023223
Med13	MmuINT0097309	chr11	86142112	86142669	-	0.02419
Med13	MmuINT0097310	chr11	86141415	86141948	-	0.02616
Med13	MmuINT0097311	chr11	86133534	86141303	-	0.029586
Med13	MmuINT0097312	chr11	86122415	86132849	-	0.035502
Med13l	MmuINT0097314	chr5	1.19E+08	1.19E+08	+	0.018513
Med13l	MmuINT0097315	chr5	1.19E+08	1.19E+08	+	0.037896
Med13l	MmuINT0097316	chr5	1.19E+08	1.19E+08	+	0.046139
Med13l	MmuINT0097317	chr5	1.19E+08	1.19E+08	+	0.052921
Med13l	MmuINT0097318	chr5	1.19E+08	1.19E+08	+	0.040862
Med13l	MmuINT0097319	chr5	1.19E+08	1.19E+08	+	0.031604
Med13l	MmuINT0097320	chr5	1.19E+08	1.19E+08	+	0.026167
Med13l	MmuINT0097321	chr5	1.19E+08	1.19E+08	+	0.030777
Med13l	MmuINT0097322	chr5	1.19E+08	1.19E+08	+	0.028546
Med13l	MmuINT0097323	chr5	1.19E+08	1.19E+08	+	0.015206
Med13l	MmuINT0097324	chr5	1.19E+08	1.19E+08	+	0.028003
Med13l	MmuINT0097325	chr5	1.19E+08	1.19E+08	+	0.022516
Med13l	MmuINT0097326	chr5	1.19E+08	1.19E+08	+	0.015359
Med13l	MmuINT0097327	chr5	1.19E+08	1.19E+08	+	0.031007
Med13l	MmuINT0097328	chr5	1.19E+08	1.19E+08	+	0.021214
Med13l	MmuINT0097329	chr5	1.19E+08	1.19E+08	+	0.06952
Med13l	MmuINT0097330	chr5	1.19E+08	1.19E+08	+	0.018803
Med13l	MmuINT0097331	chr5	1.19E+08	1.19E+08	+	0.04564
Med13l	MmuINT0097332	chr5	1.19E+08	1.19E+08	+	0.017298
Med13l	MmuINT0097333	chr5	1.19E+08	1.19E+08	+	0.030639
Med13l	MmuINT0097334	chr5	1.19E+08	1.19E+08	+	0.041981
Med13l	MmuINT0097335	chr5	1.19E+08	1.19E+08	+	0.032484
Med13l	MmuINT0097336	chr5	1.19E+08	1.19E+08	+	0.068326
Med13l	MmuINT0097337	chr5	1.19E+08	1.19E+08	+	0.029618
Med13l	MmuINT0097338	chr5	1.19E+08	1.19E+08	+	0.031268
Med13l	MmuINT0097339	chr5	1.19E+08	1.19E+08	+	0.020725
Med13l	MmuINT0097340	chr5	1.19E+08	1.19E+08	+	0.028193
Med13l	MmuINT0097341	chr5	1.19E+08	1.19E+08	+	0.030923
Med13l	MmuINT0097342	chr5	1.19E+08	1.19E+08	+	0.027956

Med14	MmuINT0097343	chrX	12333582	12338592	-	0.025803
Med14	MmuINT0097344	chrX	12305266	12321842	-	0.032577
Med14	MmuINT0097345	chrX	12300988	12305139	-	0.01933
Med14	MmuINT0097346	chrX	12296877	12300908	-	0.014131
Med14	MmuINT0097347	chrX	12294183	12296716	-	0.012234
Med14	MmuINT0097348	chrX	12293208	12293987	-	0.014932
Med14	MmuINT0097349	chrX	12290786	12293072	-	0.015848
Med14	MmuINT0097350	chrX	12283819	12290708	-	0.020973
Med14	MmuINT0097351	chrX	12283572	12283657	-	0.04807
Med14	MmuINT0097352	chrX	12282306	12283424	-	0.0776
Med14	MmuINT0097353	chrX	12281030	12282213	-	0.025745
Med14	MmuINT0097354	chrX	12331339	12333554	-	0.018092
Med14	MmuINT0097355	chrX	12280609	12280876	-	0.037747
Med14	MmuINT0097356	chrX	12273417	12280338	-	0.043038
Med14	MmuINT0097357	chrX	12270823	12273278	-	0.016195
Med14	MmuINT0097358	chrX	12266587	12270710	-	0.037596
Med14	MmuINT0097359	chrX	12264328	12266454	-	0.030898
Med14	MmuINT0097360	chrX	12263078	12264144	-	0.008916
Med14	MmuINT0097361	chrX	12261491	12262841	-	0.009547
Med14	MmuINT0097362	chrX	12261212	12261310	-	0.01233
Med14	MmuINT0097363	chrX	12258024	12261103	-	0.01505
Med14	MmuINT0097364	chrX	12326464	12331232	-	0.020883
Med14	MmuINT0097366	chrX	12325104	12325544	-	0.017281
Med14	MmuINT0097367	chrX	12324703	12324974	-	0.019605
Med14	MmuINT0097368	chrX	12323884	12324594	-	0.019332
Med14	MmuINT0097369	chrX	12323023	12323750	-	0.015951
Med14	MmuINT0097370	chrX	12321955	12322871	-	0.020538
Med15	MmuINT0097372	chr16	17697788	17722848	-	0.018854
Med15	MmuINT0097373	chr16	17655665	17655770	-	0.010296
Med15	MmuINT0097374	chr16	17655375	17655536	-	0.021508
Med15	MmuINT0097375	chr16	17655171	17655239	-	0.016893
Med15	MmuINT0097376	chr16	17654085	17655106	-	0.029271
Med15	MmuINT0097377	chr16	17653699	17654017	-	0.04784
Med15	MmuINT0097378	chr16	17653451	17653537	-	0.009992
Med15	MmuINT0097379	chr16	17652901	17653283	-	0.089248
Med15	MmuINT0097380	chr16	17652357	17652801	-	0.050367
Med15	MmuINT0097381	chr16	17685598	17697699	-	0.019287
Med15	MmuINT0097382	chr16	17683282	17685545	-	0.017037
Med15	MmuINT0097383	chr16	17680855	17683251	-	0.03471
Med15	MmuINT0097384	chr16	17674752	17680641	-	0.024939
Med15	MmuINT0097385	chr16	17673492	17674497	-	0.020742
Med15	MmuINT0097386	chr16	17671767	17673161	-	0.031062
Med15	MmuINT0097387	chr16	17663590	17671637	-	0.053896
Med15	MmuINT0097388	chr16	17655899	17663469	-	0.120059
Med16	MmuINT0097389	chr10	79360444	79360980	-	0.006228
Med16	MmuINT0097391	chr10	79359310	79359503	-	0.009301
Med16	MmuINT0097392	chr10	79358456	79359092	-	0.00317
Med16	MmuINT0097393	chr10	79358156	79358371	-	0.009152
Med16	MmuINT0097394	chr10	79369892	79370235	-	0.005009
Med16	MmuINT0097395	chr10	79369680	79369783	-	0.005966

Med16	MmuINT0097396	chr10	79366174	79369509	-	0.006003
Med16	MmuINT0097397	chr10	79365274	79365741	-	0.004799
Med16	MmuINT0097398	chr10	79362998	79365167	-	0.010539
Med16	MmuINT0097399	chr10	79362155	79362841	-	0.020033
Med16	MmuINT0097400	chr10	79361849	79361945	-	0.004099
Med16	MmuINT0097401	chr10	79361192	79361641	-	0.006416
Med17	MmuINT0097403	chr9	15082168	15083993	-	0.055883
Med17	MmuINT0097404	chr9	15068208	15069795	-	0.068932
Med17	MmuINT0097405	chr9	15066883	15068047	-	0.018076
Med17	MmuINT0097406	chr9	15080510	15082000	-	0.011215
Med17	MmuINT0097407	chr9	15079030	15080289	-	0.011884
Med17	MmuINT0097408	chr9	15078814	15078892	-	0.016928
Med17	MmuINT0097409	chr9	15077104	15078728	-	0.019199
Med17	MmuINT0097410	chr9	15076186	15076950	-	0.022563
Med17	MmuINT0097411	chr9	15074972	15076054	-	0.029999
Med17	MmuINT0097412	chr9	15071996	15074786	-	0.048113
Med17	MmuINT0097413	chr9	15069914	15071857	-	0.105664
Med18	MmuINT0097415	chr4	1.32E+08	1.32E+08	-	0.085981
Med19	MmuINT0097416	chr2	84518819	84525347	+	0.017261
Med19	MmuINT0097417	chr2	84525605	84525759	+	0.018234
Med19	MmuINT0097418	chr2	84525857	84526347	+	0.040051
Med19	MmuINT0097419	chr2	84526443	84527022	+	0.061883
Med20	MmuINT0097420	chr17	47748642	47749911	+	0.015257
Med20	MmuINT0097421	chr17	47750067	47755757	+	0.015686
Med20	MmuINT0097422	chr17	47756012	47759833	+	0.262996
Med21	MmuINT0097423	chr6	1.47E+08	1.47E+08	+	0.019878
Med21	MmuINT0097424	chr6	1.47E+08	1.47E+08	+	0.004742
Med21	MmuINT0097425	chr6	1.47E+08	1.47E+08	+	0.008579
Med22	MmuINT0097426	chr2	26761514	26763612	-	0.253282
Med22	MmuINT0097427	chr2	26764594	26765812	-	0.013604
Med23	MmuINT0097432	chr10	24608407	24610924	+	0.032024
Med23	MmuINT0097433	chr10	24611069	24612319	+	0.029423
Med23	MmuINT0097434	chr10	24612466	24613420	+	0.024342
Med23	MmuINT0097435	chr10	24613667	24615511	+	0.025888
Med23	MmuINT0097436	chr10	24615655	24616990	+	0.025208
Med23	MmuINT0097437	chr10	24617166	24618215	+	0.019049
Med23	MmuINT0097438	chr10	24618380	24620501	+	0.022507
Med23	MmuINT0097439	chr10	24620627	24621808	+	0.03172
Med23	MmuINT0097440	chr10	24622015	24622098	+	0.01686
Med23	MmuINT0097442	chr10	24622280	24623466	+	0.02815
Med23	MmuINT0097443	chr10	24623638	24624066	+	0.055647
Med23	MmuINT0097444	chr10	24624284	24625627	+	0.108989
Med23	MmuINT0097445	chr10	24625865	24626987	+	0.045911
Med23	MmuINT0097446	chr10	24627154	24627740	+	0.025086
Med23	MmuINT0097447	chr10	24627814	24628438	+	0.019082
Med23	MmuINT0097448	chr10	24628654	24629603	+	0.027293
Med23	MmuINT0097449	chr10	24629725	24630539	+	0.13714
Med23	MmuINT0097450	chr10	24630672	24632468	+	0.032838
Med23	MmuINT0097452	chr10	24593404	24594375	+	0.027239
Med23	MmuINT0097453	chr10	24594488	24595401	+	0.030449

Med23	MmuINT0097454	chr10	24595501	24596745	+	0.033763
Med23	MmuINT0097456	chr10	24598265	24599478	+	0.054811
Med24	MmuINT0097458	chr11	98590302	98590685	-	0.013993
Med24	MmuINT0097459	chr11	98575799	98576394	-	0.032242
Med24	MmuINT0097460	chr11	98575434	98575715	-	0.01179
Med24	MmuINT0097461	chr11	98574574	98575346	-	0.018773
Med24	MmuINT0097462	chr11	98573990	98574467	-	0.010521
Med24	MmuINT0097463	chr11	98572615	98573846	-	0.012977
Med24	MmuINT0097464	chr11	98572170	98572576	-	0.028901
Med24	MmuINT0097465	chr11	98571768	98572086	-	0.016057
Med24	MmuINT0097466	chr11	98571477	98571588	-	0.024714
Med24	MmuINT0097467	chr11	98571072	98571376	-	0.020371
Med24	MmuINT0097468	chr11	98569116	98570895	-	0.009928
Med24	MmuINT0097469	chr11	98590012	98590098	-	0.010286
Med24	MmuINT0097470	chr11	98568614	98568850	-	0.030016
Med24	MmuINT0097471	chr11	98568231	98568431	-	0.026135
Med24	MmuINT0097472	chr11	98567793	98568139	-	0.01064
Med24	MmuINT0097473	chr11	98566917	98567692	-	0.006271
Med24	MmuINT0097474	chr11	98566582	98566835	-	0.041936
Med24	MmuINT0097475	chr11	98566331	98566432	-	0.039812
Med24	MmuINT0097476	chr11	98580171	98589928	-	0.009996
Med24	MmuINT0097477	chr11	98579885	98580131	-	0.011982
Med24	MmuINT0097478	chr11	98579457	98579810	-	0.009997
Med24	MmuINT0097479	chr11	98577840	98579223	-	0.061775
Med24	MmuINT0097480	chr11	98577596	98577727	-	0.004779
Med24	MmuINT0097481	chr11	98577070	98577444	-	0.011613
Med24	MmuINT0097482	chr11	98576443	98576955	-	0.009405
Med25	MmuINT0097483	chr7	52147515	52147600	-	0.028535
Med25	MmuINT0097484	chr7	52138555	52139488	-	0.003505
Med25	MmuINT0097485	chr7	52138396	52138468	-	0.030534
Med25	MmuINT0097486	chr7	52138237	52138337	-	0.010016
Med25	MmuINT0097487	chr7	52136482	52138128	-	0.041315
Med25	MmuINT0097488	chr7	52136009	52136292	-	0.110595
Med25	MmuINT0097489	chr7	52135841	52135936	-	0.037609
Med25	MmuINT0097490	chr7	52135475	52135621	-	0.01283
Med25	MmuINT0097491	chr7	52134885	52135296	-	0.037465
Med25	MmuINT0097492	chr7	52147278	52147468	-	0.017179
Med25	MmuINT0097493	chr7	52141641	52147152	-	0.016107
Med25	MmuINT0097494	chr7	52141275	52141541	-	0.003322
Med25	MmuINT0097495	chr7	52140872	52141153	-	0.002996
Med25	MmuINT0097496	chr7	52140581	52140708	-	0.010385
Med25	MmuINT0097497	chr7	52140291	52140449	-	0.004824
Med25	MmuINT0097498	chr7	52140127	52140202	-	0.004009
Med25	MmuINT0097499	chr7	52139618	52139932	-	0.006775
Med26	MmuINT0097500	chr8	75021497	75071793	-	0.080712
Med26	MmuINT0097501	chr8	75021006	75021421	-	0.018332
Med27	MmuINT0097502	chr2	29202568	29205365	+	0.012257
Med27	MmuINT0097503	chr2	29205511	29268907	+	0.012122
Med27	MmuINT0097504	chr2	29269039	29326812	+	0.010865
Med27	MmuINT0097505	chr2	29326907	29355738	+	0.021951

Med27	MmuINT0097506	chr2	29355847	29364942	+	0.039258
Med27	MmuINT0097507	chr2	29364985	29378293	+	0.048389
Med27	MmuINT0097508	chr2	29378372	29379886	+	0.047457
Med28	MmuINT0097509	chr5	45911724	45913674	+	0.007211
Med28	MmuINT0097510	chr5	45913742	45914660	+	0.004258
Med28	MmuINT0097511	chr5	45914774	45916391	+	0.004227
Med29	MmuINT0097513	chr7	29175916	29176108	-	0.003821
Med30	MmuINT0097515	chr15	52544242	52550900	+	0.017205
Med30	MmuINT0097516	chr15	52551060	52552578	+	0.005354
Med30	MmuINT0097517	chr15	52552684	52561621	+	0.009119
Med31	MmuINT0097518	chr11	72027718	72028462	-	0.036319
Med31	MmuINT0097519	chr11	72027376	72027639	-	0.02187
Med31	MmuINT0097520	chr11	72025580	72027278	-	0.037372
Med4	MmuINT0097521	chr14	73909993	73910961	+	0.018204
Med4	MmuINT0097523	chr14	73913783	73915096	+	0.023926
Med4	MmuINT0097526	chr14	73917146	73917700	+	0.002015
Med6	MmuINT0097527	chr12	82692401	82695926	-	0.017417
Med6	MmuINT0097528	chr12	82690062	82692240	-	0.023322
Med6	MmuINT0097529	chr12	82683703	82689969	-	0.020864
Med6	MmuINT0097530	chr12	82682897	82683619	-	0.022625
Med6	MmuINT0097531	chr12	82680673	82682787	-	0.011646
Med6	MmuINT0097532	chr12	82675540	82680556	-	0.096185
Med6	MmuINT0097533	chr12	82674948	82675511	-	0.022299
Med7	MmuINT0097534	chr11	46253478	46254064	+	0.017735
Med8	MmuINT0097539	chr4	1.18E+08	1.18E+08	+	0.083933
Med8	MmuINT0097540	chr4	1.18E+08	1.18E+08	+	0.61839
Med8	MmuINT0097542	chr4	1.18E+08	1.18E+08	+	0.008679
Med8	MmuINT0097543	chr4	1.18E+08	1.18E+08	+	0.027516
Med8	MmuINT0097544	chr4	1.18E+08	1.18E+08	+	0.012201
Med9	MmuINT0097545	chr11	59761981	59774060	+	0.005609
Mef2a	MmuINT0097546	chr7	74494808	74517598	-	0.025803
Mef2a	MmuINT0097547	chr7	74381537	74385199	-	0.006678
Mef2a	MmuINT0097548	chr7	74380115	74381409	-	0.015971
Mef2a	MmuINT0097549	chr7	74461869	74494754	-	0.051366
Mef2a	MmuINT0097550	chr7	74440465	74461677	-	0.002428
Mef2a	MmuINT0097551	chr7	74413287	74440260	-	0.007198
Mef2a	MmuINT0097552	chr7	74411049	74413154	-	0.014545
Mef2a	MmuINT0097553	chr7	74409811	74410828	-	0.002437
Mef2a	MmuINT0097554	chr7	74396731	74409750	-	0.003774
Mef2a	MmuINT0097555	chr7	74389431	74396542	-	0.015247
Mef2a	MmuINT0097556	chr7	74385327	74389406	-	0.024267
Mef2c	MmuINT0097569	chr13	83659480	83714695	+	0.965723
Mef2c	MmuINT0097570	chr13	83714889	83732038	+	0.007949
Mef2c	MmuINT0097573	chr13	83772845	83775024	+	0.01437
Mef2c	MmuINT0097574	chr13	83775073	83792418	+	0.008779
Mef2c	MmuINT0097575	chr13	83792592	83795111	+	0.009807
Mef2c	MmuINT0097576	chr13	83795242	83795821	+	0.017569
Mef2d	MmuINT0097577	chr3	87946597	87959599	+	0.014042
Mef2d	MmuINT0097578	chr3	87972267	87972553	+	0.206078
Mef2d	MmuINT0097579	chr3	87959785	87960243	+	0.006231



Mef2d	MmuINT0097580	chr3	87960448	87961955	+	0.038671
Mef2d	MmuINT0097581	chr3	87962094	87963043	+	0.092804
Mef2d	MmuINT0097582	chr3	87963255	87963457	+	0.003962
Mef2d	MmuINT0097583	chr3	87963515	87965112	+	0.004398
Mef2d	MmuINT0097584	chr3	87965304	87966879	+	0.047331
Mef2d	MmuINT0097585	chr3	87967010	87971436	+	0.008974
Mef2d	MmuINT0097586	chr3	87971657	87971959	+	0.04392
Meg3	MmuINT0097596	chr12	1.11E+08	1.11E+08	+	0.90488
Meg3	MmuINT0097597	chr12	1.11E+08	1.11E+08	+	0.989456
Meg3	MmuINT0097598	chr12	1.11E+08	1.11E+08	+	0.022872
Meg3	MmuINT0097599	chr12	1.11E+08	1.11E+08	+	0.01121
Megf8	MmuINT0097692	chr7	26119268	26119584	+	0.017391
Megf8	MmuINT0097694	chr7	26119975	26122792	+	0.011569
Megf8	MmuINT0097695	chr7	26122994	26123377	+	0.010853
Megf8	MmuINT0097696	chr7	26123579	26124483	+	0.061568
Megf8	MmuINT0097697	chr7	26124721	26125237	+	0.016378
Megf8	MmuINT0097698	chr7	26125357	26125435	+	0.022738
Megf8	MmuINT0097699	chr7	26125568	26125651	+	0.014441
Megf8	MmuINT0097700	chr7	26125766	26125990	+	0.027111
Megf8	MmuINT0097701	chr7	26126240	26126716	+	0.019746
Megf8	MmuINT0097702	chr7	26111563	26112488	+	0.023788
Megf8	MmuINT0097703	chr7	26126917	26127231	+	0.036915
Megf8	MmuINT0097704	chr7	26127443	26127538	+	0.025687
Megf8	MmuINT0097705	chr7	26127789	26128684	+	0.036207
Megf8	MmuINT0097706	chr7	26128818	26131118	+	0.062207
Megf8	MmuINT0097707	chr7	26131367	26131444	+	0.017508
Megf8	MmuINT0097708	chr7	26131556	26131694	+	0.011152
Megf8	MmuINT0097709	chr7	26131814	26132334	+	0.017269
Megf8	MmuINT0097710	chr7	26132543	26133242	+	0.015594
Megf8	MmuINT0097711	chr7	26133424	26133933	+	0.011446
Megf8	MmuINT0097712	chr7	26134098	26134673	+	0.012839
Megf8	MmuINT0097714	chr7	26134819	26138744	+	0.012201
Megf8	MmuINT0097715	chr7	26138977	26140031	+	0.01481
Megf8	MmuINT0097716	chr7	26140156	26140320	+	0.013846
Megf8	MmuINT0097717	chr7	26140535	26140752	+	0.013561
Megf8	MmuINT0097718	chr7	26140968	26143263	+	0.011381
Megf8	MmuINT0097719	chr7	26143472	26143634	+	0.016445
Megf8	MmuINT0097720	chr7	26143795	26144072	+	0.017529
Megf8	MmuINT0097721	chr7	26144266	26144761	+	0.01953
Megf8	MmuINT0097722	chr7	26144933	26145127	+	0.012044
Megf8	MmuINT0097723	chr7	26145259	26145672	+	0.010142
Megf8	MmuINT0097725	chr7	26145806	26148340	+	0.008621
Megf8	MmuINT0097726	chr7	26113860	26114879	+	0.02211
Megf8	MmuINT0097729	chr7	26116156	26118776	+	0.023768
Megf8	MmuINT0097730	chr7	26118932	26119147	+	0.018471
Megf9	MmuINT0097731	chr4	70149367	70195261	-	0.032259
Megf9	MmuINT0097732	chr4	70117035	70149164	-	0.049368
Megf9	MmuINT0097733	chr4	70109841	70116894	-	0.037655
Megf9	MmuINT0097734	chr4	70096521	70109696	-	0.031623
Megf9	MmuINT0097735	chr4	70094566	70096250	-	0.037075

Meig1	MmuINT0097771	chr2	3326596	3329116	-	0.023655
Meis1	MmuINT0097774	chr11	18916363	18918223	-	0.066348
Meis1	MmuINT0097775	chr11	18784480	18785595	-	0.198083
Meis1	MmuINT0097777	chr11	18914395	18916135	-	0.038411
Meis1	MmuINT0097778	chr11	18913686	18914252	-	0.060743
Meis1	MmuINT0097779	chr11	18912864	18913634	-	0.04475
Meis1	MmuINT0097780	chr11	18911392	18912812	-	0.024182
Meis1	MmuINT0097781	chr11	18888383	18911244	-	0.025785
Meis1	MmuINT0097782	chr11	18841808	18888270	-	0.011622
Meis1	MmuINT0097783	chr11	18805769	18841661	-	0.008775
Meis1	MmuINT0097784	chr11	18785655	18805691	-	0.008869
Meis2	MmuINT0097785	chr2	1.16E+08	1.16E+08	-	0.128883
Meis2	MmuINT0097787	chr2	1.16E+08	1.16E+08	-	0.023521
Meis2	MmuINT0097788	chr2	1.16E+08	1.16E+08	-	0.028624
Meis2	MmuINT0097789	chr2	1.16E+08	1.16E+08	-	0.016677
Meis2	MmuINT0097790	chr2	1.16E+08	1.16E+08	-	0.014666
Meis2	MmuINT0097791	chr2	1.16E+08	1.16E+08	-	0.017499
Meis2	MmuINT0097792	chr2	1.16E+08	1.16E+08	-	0.010195
Meis2	MmuINT0097793	chr2	1.16E+08	1.16E+08	-	0.007525
Meis2	MmuINT0097794	chr2	1.16E+08	1.16E+08	-	0.008473
Meis2	MmuINT0097795	chr2	1.16E+08	1.16E+08	-	0.019913
Meis3	MmuINT0097797	chr7	16760917	16762740	+	0.046416
Meis3	MmuINT0097798	chr7	16769446	16769983	+	0.104508
Meis3	MmuINT0097799	chr7	16770068	16770796	+	0.117938
Meis3	MmuINT0097800	chr7	16770867	16771405	+	0.164126
Meis3	MmuINT0097801	chr7	16762923	16763057	+	0.068572
Meis3	MmuINT0097805	chr7	16764450	16767389	+	0.059772
Meis3	MmuINT0097806	chr7	16767502	16767668	+	0.049756
Meis3	MmuINT0097807	chr7	16767818	16769139	+	0.052026
Meis3	MmuINT0097808	chr7	16769217	16769386	+	0.044895
Memo1	MmuINT0097826	chr17	74657846	74694031	-	0.005163
Memo1	MmuINT0097827	chr17	74654637	74657763	-	0.003933
Memo1	MmuINT0097828	chr17	74644428	74654567	-	0.032931
Memo1	MmuINT0097829	chr17	74641357	74644314	-	0.002907
Memo1	MmuINT0097830	chr17	74624915	74641244	-	0.002654
Memo1	MmuINT0097831	chr17	74616444	74624771	-	0.008543
Memo1	MmuINT0097833	chr17	74600666	74601600	-	0.001738
Men1	MmuINT0097834	chr19	6335083	6335444	+	0.551573
Men1	MmuINT0097836	chr19	6336934	6337152	+	0.032302
Men1	MmuINT0097839	chr19	6337689	6338282	+	0.046619
Men1	MmuINT0097840	chr19	6338420	6338825	+	0.137238
Men1	MmuINT0097841	chr19	6338962	6339338	+	0.092859
Men1	MmuINT0097842	chr19	6339504	6339686	+	0.033214
Meox1	MmuINT0097843	chr11	1.02E+08	1.02E+08	-	0.047538
Meox1	MmuINT0097844	chr11	1.02E+08	1.02E+08	-	0.024744
Meox2	MmuINT0097845	chr12	37835932	37893902	+	0.013837
Meox2	MmuINT0097846	chr12	37894076	37904739	+	0.034544
Mepce	MmuINT0097874	chr5	1.38E+08	1.38E+08	-	0.096668
Mepce	MmuINT0097875	chr5	1.38E+08	1.38E+08	-	0.010637
Mepce	MmuINT0097876	chr5	1.38E+08	1.38E+08	-	0.01371

Mertk	MmuINT0097879	chr2	1.29E+08	1.29E+08	+	0.0512
Mertk	MmuINT0097880	chr2	1.29E+08	1.29E+08	+	0.057172
Mertk	MmuINT0097881	chr2	1.29E+08	1.29E+08	+	0.065373
Mertk	MmuINT0097882	chr2	1.29E+08	1.29E+08	+	0.063802
Mertk	MmuINT0097883	chr2	1.29E+08	1.29E+08	+	0.113386
Mertk	MmuINT0097884	chr2	1.29E+08	1.29E+08	+	0.057808
Mertk	MmuINT0097885	chr2	1.29E+08	1.29E+08	+	0.054047
Mertk	MmuINT0097886	chr2	1.29E+08	1.29E+08	+	0.097519
Mertk	MmuINT0097887	chr2	1.29E+08	1.29E+08	+	0.062707
Mertk	MmuINT0097888	chr2	1.29E+08	1.29E+08	+	0.072664
Mertk	MmuINT0097890	chr2	1.29E+08	1.29E+08	+	0.070941
Mertk	MmuINT0097892	chr2	1.29E+08	1.29E+08	+	0.061624
Mertk	MmuINT0097894	chr2	1.29E+08	1.29E+08	+	0.066959
Mertk	MmuINT0097895	chr2	1.29E+08	1.29E+08	+	0.054198
Mertk	MmuINT0097896	chr2	1.29E+08	1.29E+08	+	0.088791
Mesdc2	MmuINT0097897	chr7	91040986	91044039	+	0.016048
Mesdc2	MmuINT0097898	chr7	91044273	91046259	+	0.006575
Mest	MmuINT0097901	chr6	30688336	30690669	+	0.071866
Mest	MmuINT0097902	chr6	30695907	30696261	+	0.170279
Mest	MmuINT0097903	chr6	30696326	30697051	+	0.292727
Mest	MmuINT0097904	chr6	30690825	30692140	+	0.115199
Mest	MmuINT0097905	chr6	30692221	30692527	+	0.278624
Mest	MmuINT0097906	chr6	30692606	30692715	+	0.201533
Mest	MmuINT0097907	chr6	30692853	30693013	+	0.347114
Mest	MmuINT0097908	chr6	30693073	30694353	+	0.221578
Mest	MmuINT0097910	chr6	30694933	30695081	+	0.279853
Mest	MmuINT0097911	chr6	30695184	30695829	+	0.177321
Metap1	MmuINT0097933	chr3	1.38E+08	1.38E+08	-	0.006106
Metap1	MmuINT0097934	chr3	1.38E+08	1.38E+08	-	0.011541
Metap1	MmuINT0097935	chr3	1.38E+08	1.38E+08	-	0.005354
Metap1	MmuINT0097936	chr3	1.38E+08	1.38E+08	-	0.005607
Metap1	MmuINT0097937	chr3	1.38E+08	1.38E+08	-	0.050965
Metap1	MmuINT0097938	chr3	1.38E+08	1.38E+08	-	0.017486
Metap1	MmuINT0097939	chr3	1.38E+08	1.38E+08	-	0.010803
Metap1	MmuINT0097940	chr3	1.38E+08	1.38E+08	-	0.012901
Metap1	MmuINT0097941	chr3	1.38E+08	1.38E+08	-	0.013612
Metap1	MmuINT0097942	chr3	1.38E+08	1.38E+08	-	0.008204
Metap1d	MmuINT0097943	chr2	71291456	71344841	+	0.006461
Metap1d	MmuINT0097944	chr2	71345000	71347797	+	0.001845
Metap1d	MmuINT0097945	chr2	71347948	71349468	+	0.360251
Metap1d	MmuINT0097946	chr2	71349618	71350182	+	0.004332
Metap1d	MmuINT0097947	chr2	71350226	71353693	+	0.01231
Metap1d	MmuINT0097948	chr2	71353858	71360589	+	0.130177
Metap1d	MmuINT0097949	chr2	71360688	71361858	+	0.128802
Metap1d	MmuINT0097950	chr2	71361907	71362773	+	0.011336
Metap1d	MmuINT0097951	chr2	71362853	71362939	+	0.016711
Metap2	MmuINT0097955	chr10	93349847	93352282	-	0.000868
Metap2	MmuINT0097956	chr10	93342884	93349738	-	0.00099
Metap2	MmuINT0097958	chr10	93334395	93342284	-	0.018546
Metap2	MmuINT0097960	chr10	93331707	93332861	-	0.001997

Metap2	MmuINT0097961	chr10	93328249	93331611	-	0.006125
Metrn	MmuINT0097963	chr17	25933587	25933809	-	0.008736
Metrn	MmuINT0097964	chr17	25932379	25933185	-	0.050248
Metrn	MmuINT0097965	chr17	25932237	25932318	-	0.06327
MetrnI	MmuINT0097966	chr11	1.22E+08	1.22E+08	+	0.017597
MetrnI	MmuINT0097967	chr11	1.22E+08	1.22E+08	+	0.029711
MetrnI	MmuINT0097968	chr11	1.22E+08	1.22E+08	+	0.014
Mett10d	MmuINT0097969	chr11	74584487	74587023	+	0.017552
Mett10d	MmuINT0097970	chr11	74587152	74597559	+	0.016096
Mett10d	MmuINT0097971	chr11	74597760	74601056	+	0.010476
Mett10d	MmuINT0097972	chr11	74601198	74605704	+	0.015616
Mett10d	MmuINT0097973	chr11	74605821	74609483	+	0.011836
Mett10d	MmuINT0097974	chr11	74609627	74617332	+	0.012977
Mett10d	MmuINT0097975	chr11	74617403	74618754	+	0.019283
Mett10d	MmuINT0097976	chr11	74618845	74630371	+	0.014565
Mett10d	MmuINT0097977	chr11	74630546	74630660	+	0.010565
Mett11d1	MmuINT0097978	chr14	52504699	52504825	+	0.020409
Mett11d1	MmuINT0097979	chr14	52509607	52510352	+	0.035988
Mett11d1	MmuINT0097980	chr14	52510404	52510783	+	0.028026
Mett11d1	MmuINT0097981	chr14	52510877	52511041	+	0.080321
Mett11d1	MmuINT0097982	chr14	52511227	52511301	+	0.031101
Mett11d1	MmuINT0097983	chr14	52504980	52505062	+	0.042001
Mett11d1	MmuINT0097984	chr14	52505198	52506572	+	0.057322
Mett11d1	MmuINT0097985	chr14	52506655	52506897	+	0.035801
Mett11d1	MmuINT0097986	chr14	52506980	52507647	+	0.018979
Mett11d1	MmuINT0097987	chr14	52507722	52508416	+	0.014385
Mett11d1	MmuINT0097988	chr14	52508512	52508821	+	0.123205
Mett11d1	MmuINT0097989	chr14	52508893	52509202	+	0.129791
Mett11d1	MmuINT0097990	chr14	52509311	52509537	+	0.023724
Mett5d1	MmuINT0097991	chr2	1.09E+08	1.09E+08	-	0.031869
Mett5d1	MmuINT0097992	chr2	1.09E+08	1.09E+08	-	0.017597
Mett5d1	MmuINT0097993	chr2	1.09E+08	1.09E+08	-	0.018538
Mett5d1	MmuINT0097994	chr2	1.09E+08	1.09E+08	-	0.019865
Mett5d1	MmuINT0097995	chr2	1.09E+08	1.09E+08	-	0.016567
MettI1	MmuINT0097996	chr10	1.26E+08	1.26E+08	+	0.040424
MettI1	MmuINT0097997	chr10	1.26E+08	1.26E+08	+	0.161259
MettI1	MmuINT0097998	chr10	1.26E+08	1.26E+08	+	0.041532
MettI1	MmuINT0097999	chr10	1.26E+08	1.26E+08	+	0.017973
MettI1	MmuINT0098000	chr10	1.26E+08	1.26E+08	+	0.040548
MettI10	MmuINT0098001	chr7	1.4E+08	1.4E+08	-	0.019403
MettI10	MmuINT0098002	chr7	1.4E+08	1.4E+08	-	0.026448
MettI10	MmuINT0098003	chr7	1.4E+08	1.4E+08	-	0.07389
MettI10	MmuINT0098005	chr7	1.4E+08	1.4E+08	-	0.027864
MettI11a	MmuINT0098006	chr2	30663604	30675148	+	0.019793
MettI11a	MmuINT0098007	chr2	30675353	30675968	+	0.040116
MettI11a	MmuINT0098008	chr2	30676222	30677881	+	0.054591
MettI13	MmuINT0098012	chr1	1.64E+08	1.64E+08	-	0.035266
MettI13	MmuINT0098013	chr1	1.64E+08	1.64E+08	-	0.087404
MettI13	MmuINT0098014	chr1	1.64E+08	1.64E+08	-	0.102797
MettI13	MmuINT0098015	chr1	1.64E+08	1.64E+08	-	0.055452

Mettl13	MmuINT0098016	chr1	1.64E+08	1.64E+08	-	0.045425
Mettl13	MmuINT0098017	chr1	1.64E+08	1.64E+08	-	0.060339
Mettl13	MmuINT0098018	chr1	1.64E+08	1.64E+08	-	0.063719
Mettl14	MmuINT0098019	chr3	1.23E+08	1.23E+08	-	0.008538
Mettl14	MmuINT0098020	chr3	1.23E+08	1.23E+08	-	0.038446
Mettl14	MmuINT0098021	chr3	1.23E+08	1.23E+08	-	0.023084
Mettl14	MmuINT0098022	chr3	1.23E+08	1.23E+08	-	0.013134
Mettl14	MmuINT0098023	chr3	1.23E+08	1.23E+08	-	0.014068
Mettl14	MmuINT0098024	chr3	1.23E+08	1.23E+08	-	0.031764
Mettl14	MmuINT0098025	chr3	1.23E+08	1.23E+08	-	0.018957
Mettl14	MmuINT0098026	chr3	1.23E+08	1.23E+08	-	0.018922
Mettl14	MmuINT0098028	chr3	1.23E+08	1.23E+08	-	0.012604
Mettl2	MmuINT0098029	chr11	1.05E+08	1.05E+08	+	0.114946
Mettl2	MmuINT0098030	chr11	1.05E+08	1.05E+08	+	0.111824
Mettl2	MmuINT0098031	chr11	1.05E+08	1.05E+08	+	0.03675
Mettl2	MmuINT0098032	chr11	1.05E+08	1.05E+08	+	0.052016
Mettl2	MmuINT0098033	chr11	1.05E+08	1.05E+08	+	0.027194
Mettl2	MmuINT0098034	chr11	1.05E+08	1.05E+08	+	0.037513
Mettl2	MmuINT0098035	chr11	1.05E+08	1.05E+08	+	0.090793
Mettl2	MmuINT0098036	chr11	1.05E+08	1.05E+08	+	0.032387
Mettl3	MmuINT0098037	chr14	52920077	52924562	-	0.038986
Mettl3	MmuINT0098038	chr14	52919781	52919858	-	0.013351
Mettl3	MmuINT0098039	chr14	52918491	52919375	-	0.042349
Mettl3	MmuINT0098040	chr14	52917761	52918314	-	0.04611
Mettl3	MmuINT0098041	chr14	52917334	52917543	-	0.013589
Mettl3	MmuINT0098042	chr14	52916633	52917145	-	0.078577
Mettl3	MmuINT0098043	chr14	52916448	52916593	-	0.083872
Mettl3	MmuINT0098044	chr14	52916257	52916338	-	0.166576
Mettl3	MmuINT0098045	chr14	52915862	52916190	-	0.247266
Mettl4	MmuINT0098047	chr17	95143335	95146956	-	0.101208
Mettl4	MmuINT0098049	chr17	95138864	95139725	-	0.029435
Mettl4	MmuINT0098050	chr17	95134851	95138793	-	0.046522
Mettl4	MmuINT0098051	chr17	95132994	95134675	-	0.177007
Mettl4	MmuINT0098052	chr17	95132521	95132886	-	0.046695
Mettl4	MmuINT0098053	chr17	95126736	95132428	-	0.050963
Mettl5	MmuINT0098054	chr2	69719469	69723305	-	0.005905
Mettl5	MmuINT0098055	chr2	69719006	69719353	-	0.008678
Mettl5	MmuINT0098056	chr2	69717242	69718823	-	0.020492
Mettl5	MmuINT0098057	chr2	69711993	69717158	-	0.117104
Mettl5	MmuINT0098058	chr2	69709374	69709788	-	0.73162
Mettl6	MmuINT0098059	chr14	32307151	32308087	-	0.020899
Mettl6	MmuINT0098061	chr14	32300928	32305507	-	0.087568
Mettl6	MmuINT0098062	chr14	32296119	32300756	-	0.012963
Mettl6	MmuINT0098063	chr14	32292997	32295976	-	0.034142
Mettl7a1	MmuINT0098064	chr15	1E+08	1E+08	+	0.027157
Mettl8	MmuINT0098068	chr2	70818484	70819911	-	0.076179
Mettl8	MmuINT0098070	chr2	70811450	70814130	-	0.074588
Mettl8	MmuINT0098071	chr2	70805214	70811309	-	0.039786
Mettl8	MmuINT0098072	chr2	70804571	70805106	-	0.032033
Mettl8	MmuINT0098073	chr2	70803737	70804504	-	0.139935

Mettl9	MmuINT0098076	chr7	1.28E+08	1.28E+08	+	0.018652
Mettl9	MmuINT0098077	chr7	1.28E+08	1.28E+08	+	0.002059
Mettl9	MmuINT0098078	chr7	1.28E+08	1.28E+08	+	0.002652
Mettl9	MmuINT0098079	chr7	1.28E+08	1.28E+08	+	0.009738
Mex3c	MmuINT0098082	chr18	73733431	73749224	+	0.027984
Mex3d	MmuINT0098083	chr10	79845367	79849405	-	0.046075
Mfap2	MmuINT0098101	chr4	1.41E+08	1.41E+08	+	0.239761
Mfap2	MmuINT0098102	chr4	1.41E+08	1.41E+08	+	0.322921
Mfap2	MmuINT0098103	chr4	1.41E+08	1.41E+08	+	0.311494
Mfap2	MmuINT0098104	chr4	1.41E+08	1.41E+08	+	0.435989
Mfap3	MmuINT0098106	chr11	57341792	57342970	+	0.102811
Mfap4	MmuINT0098112	chr11	61299308	61299539	+	0.046901
Mfap4	MmuINT0098113	chr11	61299695	61300411	+	0.033587
Mfap4	MmuINT0098114	chr11	61300509	61300580	+	0.078435
Mfap4	MmuINT0098115	chr11	61300764	61301255	+	0.048063
Mfap5	MmuINT0098116	chr6	1.22E+08	1.22E+08	+	0.023905
Mfap5	MmuINT0098117	chr6	1.22E+08	1.22E+08	+	0.023483
Mfap5	MmuINT0098118	chr6	1.22E+08	1.22E+08	+	0.04715
Mfap5	MmuINT0098119	chr6	1.22E+08	1.22E+08	+	0.040063
Mfap5	MmuINT0098120	chr6	1.22E+08	1.22E+08	+	0.074141
Mfap5	MmuINT0098121	chr6	1.22E+08	1.22E+08	+	0.157531
Mfap5	MmuINT0098122	chr6	1.22E+08	1.22E+08	+	0.110446
Mfap5	MmuINT0098123	chr6	1.22E+08	1.22E+08	+	0.032983
Mfap5	MmuINT0098124	chr6	1.22E+08	1.22E+08	+	0.028063
Mff	MmuINT0098125	chr1	82721660	82723802	+	0.002786
Mff	MmuINT0098126	chr1	82723912	82725790	+	0.016948
Mff	MmuINT0098127	chr1	82726012	82727687	+	0.001197
Mff	MmuINT0098128	chr1	82727858	82731993	+	0.001503
Mff	MmuINT0098129	chr1	82732083	82738392	+	0.036629
Mff	MmuINT0098130	chr1	82738552	82743657	+	0.05188
Mff	MmuINT0098131	chr1	82743718	82747094	+	0.009959
Mff	MmuINT0098132	chr1	82747180	82748159	+	0.002735
Mfge8	MmuINT0098134	chr7	86290631	86293780	-	0.002242
Mfge8	MmuINT0098135	chr7	86290265	86290507	-	0.002267
Mfge8	MmuINT0098136	chr7	86288275	86290132	-	0.20385
Mfge8	MmuINT0098137	chr7	86287937	86288163	-	0.463956
Mfge8	MmuINT0098138	chr7	86287441	86287754	-	0.001936
Mfge8	MmuINT0098139	chr7	86286676	86287287	-	0.002505
Mfge8	MmuINT0098140	chr7	86281728	86286530	-	0.013678
Mfge8	MmuINT0098141	chr7	86279688	86281542	-	0.002192
Mfge8	MmuINT0098142	chr7	86279433	86279537	-	0.001798
Mfhas1	MmuINT0098143	chr8	36654413	36727721	+	0.00861
Mfhas1	MmuINT0098144	chr8	36727849	36739783	+	0.010194
Mfn1	MmuINT0098160	chr3	32428618	32430819	+	0.003635
Mfn1	MmuINT0098161	chr3	32460509	32461933	+	0.011566
Mfn1	MmuINT0098162	chr3	32462061	32462296	+	0.00082
Mfn1	MmuINT0098163	chr3	32462402	32462714	+	0.002204
Mfn1	MmuINT0098164	chr3	32462818	32462997	+	0.000576
Mfn1	MmuINT0098165	chr3	32463228	32467178	+	0.001059
Mfn1	MmuINT0098166	chr3	32467332	32468409	+	0.001641

Mfn1	MmuINT0098167	chr3	32468607	32473155	+	0.00405
Mfn1	MmuINT0098168	chr3	32473291	32475984	+	0.001841
Mfn1	MmuINT0098169	chr3	32430939	32433159	+	0.000546
Mfn1	MmuINT0098170	chr3	32433296	32437191	+	0.000553
Mfn1	MmuINT0098171	chr3	32437355	32441727	+	0.001006
Mfn1	MmuINT0098172	chr3	32441853	32442988	+	0.000905
Mfn1	MmuINT0098173	chr3	32443098	32445509	+	0.003641
Mfn1	MmuINT0098174	chr3	32445618	32453076	+	0.005653
Mfn1	MmuINT0098175	chr3	32453231	32454395	+	0.000872
Mfn1	MmuINT0098176	chr3	32454464	32460386	+	0.014157
Mfn2	MmuINT0098177	chr4	1.47E+08	1.47E+08	-	0.013162
Mfn2	MmuINT0098178	chr4	1.47E+08	1.47E+08	-	0.001541
Mfn2	MmuINT0098179	chr4	1.47E+08	1.47E+08	-	0.000737
Mfn2	MmuINT0098180	chr4	1.47E+08	1.47E+08	-	0.000979
Mfn2	MmuINT0098181	chr4	1.47E+08	1.47E+08	-	0.000935
Mfn2	MmuINT0098182	chr4	1.47E+08	1.47E+08	-	0.000702
Mfn2	MmuINT0098183	chr4	1.47E+08	1.47E+08	-	0.00445
Mfn2	MmuINT0098184	chr4	1.47E+08	1.47E+08	-	0.005543
Mfn2	MmuINT0098185	chr4	1.47E+08	1.47E+08	-	0.004344
Mfn2	MmuINT0098186	chr4	1.47E+08	1.47E+08	-	0.001309
Mfn2	MmuINT0098187	chr4	1.47E+08	1.47E+08	-	0.123331
Mfn2	MmuINT0098188	chr4	1.47E+08	1.47E+08	-	0.000654
Mfn2	MmuINT0098189	chr4	1.47E+08	1.47E+08	-	0.018102
Mfn2	MmuINT0098190	chr4	1.47E+08	1.47E+08	-	0.001174
Mfn2	MmuINT0098191	chr4	1.47E+08	1.47E+08	-	0.005946
Mfn2	MmuINT0098192	chr4	1.47E+08	1.47E+08	-	0.001113
Mfn2	MmuINT0098193	chr4	1.47E+08	1.47E+08	-	0.00157
Mfn2	MmuINT0098194	chr4	1.47E+08	1.47E+08	-	0.0018
Mfng	MmuINT0098195	chr15	78597621	78603447	-	0.129203
Mfng	MmuINT0098196	chr15	78597351	78597571	-	0.044019
Mfng	MmuINT0098197	chr15	78594899	78597247	-	0.038437
Mfng	MmuINT0098198	chr15	78591322	78594744	-	0.3029
Mfng	MmuINT0098199	chr15	78589789	78591235	-	0.096012
Mfng	MmuINT0098200	chr15	78587813	78589622	-	0.049346
Mfng	MmuINT0098201	chr15	78587075	78587726	-	0.031465
Mfrp	MmuINT0098206	chr9	43916055	43916377	+	0.051078
Mfsd1	MmuINT0098214	chr3	67386900	67388565	+	0.017224
Mfsd1	MmuINT0098215	chr3	67400148	67400515	+	0.024675
Mfsd1	MmuINT0098216	chr3	67400673	67401949	+	0.014981
Mfsd1	MmuINT0098217	chr3	67402048	67403861	+	0.065523
Mfsd1	MmuINT0098218	chr3	67403975	67404514	+	0.041758
Mfsd1	MmuINT0098219	chr3	67404563	67405243	+	0.01628
Mfsd1	MmuINT0098220	chr3	67405302	67406616	+	0.020419
Mfsd1	MmuINT0098221	chr3	67388619	67389519	+	0.019112
Mfsd1	MmuINT0098222	chr3	67389633	67391222	+	0.027063
Mfsd1	MmuINT0098223	chr3	67391266	67391839	+	0.023561
Mfsd1	MmuINT0098224	chr3	67391908	67393752	+	0.018121
Mfsd1	MmuINT0098225	chr3	67393862	67396491	+	0.009284
Mfsd1	MmuINT0098226	chr3	67396595	67398220	+	0.010945
Mfsd1	MmuINT0098227	chr3	67398320	67398689	+	0.021981

Mfsd1	MmuINT0098228	chr3	67398802	67400090	+	0.024644
Mfsd10	MmuINT0098229	chr5	34979433	34979575	-	0.12479
Mfsd10	MmuINT0098230	chr5	34976990	34977071	-	0.179514
Mfsd10	MmuINT0098231	chr5	34976870	34976941	-	0.102453
Mfsd10	MmuINT0098232	chr5	34976664	34976779	-	0.061947
Mfsd10	MmuINT0098233	chr5	34979156	34979242	-	0.070763
Mfsd10	MmuINT0098234	chr5	34978774	34979058	-	0.116472
Mfsd10	MmuINT0098235	chr5	34978417	34978669	-	0.12282
Mfsd10	MmuINT0098236	chr5	34978181	34978257	-	0.09852
Mfsd10	MmuINT0098237	chr5	34977809	34978018	-	0.158866
Mfsd10	MmuINT0098238	chr5	34977612	34977699	-	0.078237
Mfsd10	MmuINT0098239	chr5	34977349	34977499	-	0.408548
Mfsd10	MmuINT0098240	chr5	34977163	34977239	-	0.178311
Mfsd11	MmuINT0098241	chr11	1.17E+08	1.17E+08	+	0.027697
Mfsd11	MmuINT0098242	chr11	1.17E+08	1.17E+08	+	0.01769
Mfsd11	MmuINT0098243	chr11	1.17E+08	1.17E+08	+	0.01217
Mfsd11	MmuINT0098244	chr11	1.17E+08	1.17E+08	+	0.015876
Mfsd11	MmuINT0098245	chr11	1.17E+08	1.17E+08	+	0.027482
Mfsd11	MmuINT0098246	chr11	1.17E+08	1.17E+08	+	0.086418
Mfsd11	MmuINT0098247	chr11	1.17E+08	1.17E+08	+	0.015231
Mfsd11	MmuINT0098248	chr11	1.17E+08	1.17E+08	+	0.018444
Mfsd11	MmuINT0098249	chr11	1.17E+08	1.17E+08	+	0.020686
Mfsd11	MmuINT0098250	chr11	1.17E+08	1.17E+08	+	0.018709
Mfsd11	MmuINT0098251	chr11	1.17E+08	1.17E+08	+	0.064945
Mfsd11	MmuINT0098252	chr11	1.17E+08	1.17E+08	+	0.068885
Mfsd2b	MmuINT0098269	chr12	4872120	4872533	-	0.433028
Mfsd3	MmuINT0098279	chr15	76532781	76533073	+	0.049615
Mfsd3	MmuINT0098280	chr15	76533222	76533308	+	0.028504
Mfsd3	MmuINT0098281	chr15	76533434	76533503	+	0.03585
Mfsd3	MmuINT0098282	chr15	76533614	76533692	+	0.047562
Mfsd5	MmuINT0098294	chr15	1.02E+08	1.02E+08	+	0.053711
Mfsd6	MmuINT0098296	chr1	52733420	52765007	-	0.018006
Mfsd6	MmuINT0098297	chr1	52720291	52733321	-	0.019548
Mfsd6	MmuINT0098298	chr1	52719333	52720128	-	0.015041
Mfsd6	MmuINT0098299	chr1	52717932	52719233	-	0.021248
Mfsd7a	MmuINT0098301	chr5	1.09E+08	1.09E+08	-	0.296355
Mfsd7a	MmuINT0098302	chr5	1.09E+08	1.09E+08	-	0.1416
Mfsd7a	MmuINT0098305	chr5	1.09E+08	1.09E+08	-	0.120305
Mfsd7a	MmuINT0098306	chr5	1.09E+08	1.09E+08	-	0.053546
Mfsd7a	MmuINT0098308	chr5	1.09E+08	1.09E+08	-	0.073892
Mfsd7b	MmuINT0098312	chr1	1.93E+08	1.93E+08	-	0.107352
Mfsd7b	MmuINT0098314	chr1	1.93E+08	1.93E+08	-	0.080633
Mfsd7b	MmuINT0098315	chr1	1.93E+08	1.93E+08	-	0.072163
Mfsd8	MmuINT0098326	chr3	40643428	40650562	-	0.028382
Mfsd8	MmuINT0098327	chr3	40626033	40626116	-	0.027085
Mfsd8	MmuINT0098328	chr3	40623643	40625784	-	0.010688
Mfsd8	MmuINT0098332	chr3	40636080	40637865	-	0.018229
Mfsd8	MmuINT0098333	chr3	40634602	40635934	-	0.027381
Mfsd8	MmuINT0098334	chr3	40630905	40634545	-	0.099768
Mfsd8	MmuINT0098335	chr3	40627884	40630795	-	0.018881



Mfsd8	MmuINT0098336	chr3	40626221	40627748	-	0.036422
Mga	MmuINT0098344	chr2	1.2E+08	1.2E+08	+	0.031584
Mga	MmuINT0098345	chr2	1.2E+08	1.2E+08	+	0.026579
Mga	MmuINT0098346	chr2	1.2E+08	1.2E+08	+	0.05217
Mga	MmuINT0098347	chr2	1.2E+08	1.2E+08	+	0.389895
Mga	MmuINT0098349	chr2	1.2E+08	1.2E+08	+	0.024012
Mga	MmuINT0098350	chr2	1.2E+08	1.2E+08	+	0.030691
Mga	MmuINT0098351	chr2	1.2E+08	1.2E+08	+	0.032062
Mga	MmuINT0098352	chr2	1.2E+08	1.2E+08	+	0.055398
Mga	MmuINT0098353	chr2	1.2E+08	1.2E+08	+	0.047735
Mga	MmuINT0098355	chr2	1.2E+08	1.2E+08	+	0.041411
Mga	MmuINT0098356	chr2	1.2E+08	1.2E+08	+	0.040459
Mga	MmuINT0098357	chr2	1.2E+08	1.2E+08	+	0.022033
Mga	MmuINT0098358	chr2	1.2E+08	1.2E+08	+	0.022682
Mga	MmuINT0098360	chr2	1.2E+08	1.2E+08	+	0.038867
Mga	MmuINT0098363	chr2	1.2E+08	1.2E+08	+	0.036858
Mga	MmuINT0098364	chr2	1.2E+08	1.2E+08	+	0.03936
Mgat1	MmuINT0098416	chr11	49057842	49058694	+	0.039078
Mgat1	MmuINT0098417	chr11	49059120	49074072	+	0.119642
Mgat4a	MmuINT0098420	chr1	37509270	37509366	-	0.055723
Mgat4a	MmuINT0098421	chr1	37507253	37509075	-	0.052279
Mgat4a	MmuINT0098422	chr1	37506008	37507173	-	0.034598
Mgat4a	MmuINT0098423	chr1	37501765	37505940	-	0.102384
Mgat4a	MmuINT0098424	chr1	37501531	37501651	-	0.031262
Mgat4a	MmuINT0098425	chr1	37552859	37555417	-	0.050329
Mgat4a	MmuINT0098426	chr1	37547239	37552717	-	0.048218
Mgat4a	MmuINT0098429	chr1	37519813	37521265	-	0.030219
Mgat4a	MmuINT0098432	chr1	37509475	37511588	-	0.042963
Mgat4b	MmuINT0098433	chr11	50039242	50044181	+	0.002762
Mgat4b	MmuINT0098434	chr11	50046886	50046965	+	0.007067
Mgat4b	MmuINT0098435	chr11	50047160	50047584	+	0.015187
Mgat4b	MmuINT0098436	chr11	50047664	50047745	+	0.002905
Mgat4b	MmuINT0098437	chr11	50047834	50047911	+	0.010861
Mgat4b	MmuINT0098438	chr11	50048025	50048107	+	0.014107
Mgat4b	MmuINT0098439	chr11	50044368	50044462	+	0.003057
Mgat4b	MmuINT0098440	chr11	50044604	50044692	+	0.064374
Mgat4b	MmuINT0098441	chr11	50044827	50045240	+	0.010112
Mgat4b	MmuINT0098442	chr11	50045288	50045525	+	0.016439
Mgat4b	MmuINT0098443	chr11	50045640	50045808	+	0.00682
Mgat4b	MmuINT0098444	chr11	50045885	50046065	+	0.006147
Mgat4b	MmuINT0098445	chr11	50046181	50046446	+	0.003571
Mgat4b	MmuINT0098446	chr11	50046578	50046777	+	0.009764
Mgat5	MmuINT0098460	chr1	1.29E+08	1.29E+08	+	0.047724
Mgat5	MmuINT0098463	chr1	1.29E+08	1.29E+08	+	0.029627
Mgat5	MmuINT0098468	chr1	1.29E+08	1.29E+08	+	0.030501
Mgat5	MmuINT0098469	chr1	1.29E+08	1.29E+08	+	0.022528
Mgea5	MmuINT0098486	chr19	45853574	45857421	-	0.013377
Mgea5	MmuINT0098487	chr19	45836761	45839939	-	0.037867
Mgea5	MmuINT0098488	chr19	45835699	45836674	-	0.057324
Mgea5	MmuINT0098489	chr19	45832925	45835593	-	0.013466

Mgea5	MmuINT0098490	chr19	45832588	45832838	-	0.007269
Mgea5	MmuINT0098491	chr19	45829257	45832394	-	0.009143
Mgea5	MmuINT0098492	chr19	45826771	45829096	-	0.006195
Mgea5	MmuINT0098493	chr19	45853175	45853521	-	0.007025
Mgea5	MmuINT0098494	chr19	45851508	45853076	-	0.022003
Mgea5	MmuINT0098495	chr19	45850710	45851376	-	0.004098
Mgea5	MmuINT0098496	chr19	45848251	45850537	-	0.004086
Mgea5	MmuINT0098497	chr19	45846457	45848151	-	0.004189
Mgea5	MmuINT0098498	chr19	45844700	45846171	-	0.002591
Mgea5	MmuINT0098499	chr19	45842498	45844540	-	0.010934
Mgea5	MmuINT0098500	chr19	45840115	45841883	-	0.002593
Mgl2	MmuINT0098501	chr11	69943945	69947620	+	0.030882
Mgl2	MmuINT0098502	chr11	69947766	69948553	+	0.139076
Mgl2	MmuINT0098503	chr11	69948665	69949092	+	0.047563
Mgl2	MmuINT0098508	chr11	69950095	69950171	+	0.009988
Mgl2	MmuINT0098509	chr11	69950279	69950422	+	0.301477
Mgll	MmuINT0098513	chr6	88675840	88714589	+	0.005299
Mgll	MmuINT0098514	chr6	88714697	88758004	+	0.003195
Mgll	MmuINT0098515	chr6	88758142	88759329	+	0.005852
Mgll	MmuINT0098516	chr6	88759441	88768567	+	0.041286
Mgll	MmuINT0098517	chr6	88768658	88773184	+	0.005102
Mgmt	MmuINT0098518	chr7	1.44E+08	1.44E+08	+	0.019057
Mgmt	MmuINT0098519	chr7	1.44E+08	1.44E+08	+	0.02195
Mgmt	MmuINT0098520	chr7	1.44E+08	1.44E+08	+	0.084136
Mgmt	MmuINT0098521	chr7	1.44E+08	1.44E+08	+	0.010248
Mgp	MmuINT0098522	chr6	1.37E+08	1.37E+08	-	0.024703
Mgp	MmuINT0098523	chr6	1.37E+08	1.37E+08	-	0.047084
Mgp	MmuINT0098524	chr6	1.37E+08	1.37E+08	-	0.050836
Mgrn1	MmuINT0098525	chr16	4886474	4907367	+	0.00326
Mgrn1	MmuINT0098526	chr16	4922754	4924422	+	0.017979
Mgrn1	MmuINT0098527	chr16	4924533	4927674	+	0.013714
Mgrn1	MmuINT0098528	chr16	4927902	4930690	+	0.003604
Mgrn1	MmuINT0098529	chr16	4930815	4931112	+	0.002193
Mgrn1	MmuINT0098530	chr16	4931156	4932199	+	0.011418
Mgrn1	MmuINT0098531	chr16	4932299	4934194	+	0.009918
Mgrn1	MmuINT0098532	chr16	4934240	4936895	+	0.020718
Mgrn1	MmuINT0098533	chr16	4907487	4910719	+	0.001837
Mgrn1	MmuINT0098534	chr16	4910809	4911321	+	0.001245
Mgrn1	MmuINT0098535	chr16	4911469	4913689	+	0.002853
Mgrn1	MmuINT0098536	chr16	4913808	4915752	+	0.010568
Mgrn1	MmuINT0098537	chr16	4915820	4916104	+	0.008713
Mgrn1	MmuINT0098538	chr16	4916155	4918865	+	0.016865
Mgrn1	MmuINT0098539	chr16	4918914	4920312	+	0.008367
Mgrn1	MmuINT0098540	chr16	4920382	4922593	+	0.003193
Mgst1	MmuINT0098541	chr6	1.38E+08	1.38E+08	+	0.006902
Mgst1	MmuINT0098542	chr6	1.38E+08	1.38E+08	+	0.003722
Mgst1	MmuINT0098543	chr6	1.38E+08	1.38E+08	+	0.009441
Mgst3	MmuINT0098548	chr1	1.69E+08	1.69E+08	-	0.000589
Mgst3	MmuINT0098549	chr1	1.69E+08	1.69E+08	-	0.000489
Mgst3	MmuINT0098550	chr1	1.69E+08	1.69E+08	-	0.0025

Mgst3	MmuINT0098551	chr1	1.69E+08	1.69E+08	-	0.001272
Mgst3	MmuINT0098552	chr1	1.69E+08	1.69E+08	-	0.004533
Mib1	MmuINT0098565	chr18	10726532	10740980	+	0.022908
Mib1	MmuINT0098566	chr18	10768230	10775526	+	0.038997
Mib1	MmuINT0098567	chr18	10775725	10778146	+	0.014214
Mib1	MmuINT0098568	chr18	10778299	10792892	+	0.054604
Mib1	MmuINT0098569	chr18	10793026	10794475	+	0.024394
Mib1	MmuINT0098570	chr18	10794563	10795687	+	0.020075
Mib1	MmuINT0098571	chr18	10795850	10798349	+	0.024358
Mib1	MmuINT0098572	chr18	10798532	10800053	+	0.027583
Mib1	MmuINT0098573	chr18	10800247	10802258	+	0.018334
Mib1	MmuINT0098574	chr18	10802338	10804684	+	0.017385
Mib1	MmuINT0098575	chr18	10804799	10808031	+	0.023162
Mib1	MmuINT0098576	chr18	10741153	10743266	+	0.018277
Mib1	MmuINT0098577	chr18	10808133	10811982	+	0.018703
Mib1	MmuINT0098578	chr18	10743397	10747353	+	0.020345
Mib1	MmuINT0098579	chr18	10747459	10749320	+	0.054105
Mib1	MmuINT0098580	chr18	10749388	10751820	+	0.017911
Mib1	MmuINT0098581	chr18	10752026	10755501	+	0.017144
Mib1	MmuINT0098582	chr18	10755686	10760801	+	0.028813
Mib1	MmuINT0098583	chr18	10760947	10763186	+	0.018185
Mib1	MmuINT0098584	chr18	10763321	10768121	+	0.020572
Mib2	MmuINT0098585	chr4	1.55E+08	1.55E+08	-	0.021749
Mib2	MmuINT0098586	chr4	1.55E+08	1.55E+08	-	0.029575
Mib2	MmuINT0098587	chr4	1.55E+08	1.55E+08	-	0.200961
Mib2	MmuINT0098588	chr4	1.55E+08	1.55E+08	-	0.090174
Mib2	MmuINT0098589	chr4	1.55E+08	1.55E+08	-	0.048805
Mib2	MmuINT0098590	chr4	1.55E+08	1.55E+08	-	0.007396
Mib2	MmuINT0098591	chr4	1.55E+08	1.55E+08	-	0.138927
Mib2	MmuINT0098592	chr4	1.55E+08	1.55E+08	-	0.030921
Mib2	MmuINT0098593	chr4	1.55E+08	1.55E+08	-	0.019149
Mib2	MmuINT0098594	chr4	1.55E+08	1.55E+08	-	0.092958
Mib2	MmuINT0098595	chr4	1.55E+08	1.55E+08	-	0.016215
Mib2	MmuINT0098596	chr4	1.55E+08	1.55E+08	-	0.015814
Mib2	MmuINT0098597	chr4	1.55E+08	1.55E+08	-	0.017574
Mib2	MmuINT0098598	chr4	1.55E+08	1.55E+08	-	0.021767
Mib2	MmuINT0098599	chr4	1.55E+08	1.55E+08	-	0.03599
Mib2	MmuINT0098600	chr4	1.55E+08	1.55E+08	-	0.246891
Mib2	MmuINT0098601	chr4	1.55E+08	1.55E+08	-	0.015662
Mib2	MmuINT0098602	chr4	1.55E+08	1.55E+08	-	0.113789
Mical1	MmuINT0098603	chr10	41196347	41197815	+	0.030422
Mical1	MmuINT0098604	chr10	41201834	41202013	+	0.233748
Mical1	MmuINT0098605	chr10	41202096	41202409	+	0.060988
Mical1	MmuINT0098606	chr10	41202555	41203246	+	0.247045
Mical1	MmuINT0098607	chr10	41203438	41203522	+	0.038665
Mical1	MmuINT0098608	chr10	41203609	41203970	+	0.158784
Mical1	MmuINT0098609	chr10	41204061	41204181	+	0.073285
Mical1	MmuINT0098610	chr10	41204339	41204538	+	0.042082
Mical1	MmuINT0098611	chr10	41204616	41204790	+	0.104689
Mical1	MmuINT0098612	chr10	41205062	41205200	+	0.079674

Mical1	MmuINT0098613	chr10	41205302	41205571	+	0.087467
Mical1	MmuINT0098614	chr10	41198121	41198233	+	0.187449
Mical1	MmuINT0098615	chr10	41205686	41205833	+	0.104486
Mical1	MmuINT0098616	chr10	41205928	41206177	+	0.178939
Mical1	MmuINT0098617	chr10	41206278	41206399	+	0.023976
Mical1	MmuINT0098618	chr10	41206474	41206563	+	0.095885
Mical1	MmuINT0098619	chr10	41198442	41198768	+	0.315519
Mical1	MmuINT0098620	chr10	41199306	41199424	+	0.05133
Mical1	MmuINT0098621	chr10	41199581	41200090	+	0.045279
Mical1	MmuINT0098622	chr10	41200192	41200939	+	0.103847
Mical1	MmuINT0098623	chr10	41201198	41201395	+	0.109022
Mical1	MmuINT0098624	chr10	41201512	41201706	+	0.32169
Mical2	MmuINT0098626	chr7	1.19E+08	1.19E+08	+	0.051379
Mical2	MmuINT0098627	chr7	1.19E+08	1.19E+08	+	0.058143
Mical2	MmuINT0098628	chr7	1.19E+08	1.19E+08	+	0.028819
Mical2	MmuINT0098629	chr7	1.19E+08	1.19E+08	+	0.062178
Mical2	MmuINT0098631	chr7	1.19E+08	1.19E+08	+	0.293389
Mical2	MmuINT0098632	chr7	1.19E+08	1.19E+08	+	0.007989
Mical2	MmuINT0098633	chr7	1.19E+08	1.19E+08	+	0.00621
Mical2	MmuINT0098634	chr7	1.19E+08	1.19E+08	+	0.005428
Mical2	MmuINT0098635	chr7	1.19E+08	1.19E+08	+	0.004924
Mical2	MmuINT0098636	chr7	1.19E+08	1.19E+08	+	0.004236
Mical2	MmuINT0098637	chr7	1.19E+08	1.19E+08	+	0.003656
Mical2	MmuINT0098638	chr7	1.19E+08	1.19E+08	+	0.005844
Mical2	MmuINT0098639	chr7	1.19E+08	1.19E+08	+	0.011713
Mical2	MmuINT0098640	chr7	1.19E+08	1.19E+08	+	0.106399
Mical2	MmuINT0098641	chr7	1.19E+08	1.19E+08	+	0.032302
Mical2	MmuINT0098642	chr7	1.19E+08	1.19E+08	+	0.008927
Mical2	MmuINT0098643	chr7	1.19E+08	1.19E+08	+	0.003199
Mical2	MmuINT0098644	chr7	1.19E+08	1.19E+08	+	0.003842
Mical2	MmuINT0098645	chr7	1.19E+08	1.19E+08	+	0.004984
Mical2	MmuINT0098646	chr7	1.19E+08	1.19E+08	+	0.00433
Mical2	MmuINT0098647	chr7	1.19E+08	1.19E+08	+	0.004048
Mical2	MmuINT0098648	chr7	1.19E+08	1.19E+08	+	0.021054
Mical2	MmuINT0098649	chr7	1.19E+08	1.19E+08	+	0.006021
Mical3	MmuINT0098651	chr6	1.21E+08	1.21E+08	-	0.010101
Mical3	MmuINT0098652	chr6	1.21E+08	1.21E+08	-	0.009747
Mical3	MmuINT0098653	chr6	1.21E+08	1.21E+08	-	0.008789
Mical3	MmuINT0098654	chr6	1.21E+08	1.21E+08	-	0.005954
Mical3	MmuINT0098655	chr6	1.21E+08	1.21E+08	-	0.00825
Mical3	MmuINT0098656	chr6	1.21E+08	1.21E+08	-	0.009617
Mical3	MmuINT0098658	chr6	1.21E+08	1.21E+08	-	0.056221
Mical3	MmuINT0098659	chr6	1.21E+08	1.21E+08	-	0.009594
Mical3	MmuINT0098660	chr6	1.21E+08	1.21E+08	-	0.013535
Mical3	MmuINT0098661	chr6	1.21E+08	1.21E+08	-	0.010831
Mical3	MmuINT0098662	chr6	1.21E+08	1.21E+08	-	0.010835
Mical3	MmuINT0098663	chr6	1.21E+08	1.21E+08	-	0.008482
Mical3	MmuINT0098664	chr6	1.21E+08	1.21E+08	-	0.008061
Mical3	MmuINT0098665	chr6	1.21E+08	1.21E+08	-	0.010609
Mical3	MmuINT0098666	chr6	1.21E+08	1.21E+08	-	0.010127

Micalcl	MmuINT0098674	chr7	1.2E+08	1.2E+08	+	0.061698
Micalcl	MmuINT0098675	chr7	1.2E+08	1.2E+08	+	0.049941
Micall1	MmuINT0098676	chr15	78939860	78945084	+	0.125844
Micall1	MmuINT0098677	chr15	78960374	78960892	+	0.004055
Micall1	MmuINT0098678	chr15	78961020	78961138	+	0.009206
Micall1	MmuINT0098679	chr15	78961230	78961367	+	0.009745
Micall1	MmuINT0098680	chr15	78961442	78962203	+	0.051341
Micall1	MmuINT0098681	chr15	78962319	78962482	+	0.119798
Micall1	MmuINT0098682	chr15	78962530	78963429	+	0.022285
Micall1	MmuINT0098683	chr15	78945134	78945459	+	0.006322
Micall1	MmuINT0098684	chr15	78945602	78950165	+	0.043184
Micall1	MmuINT0098685	chr15	78950258	78951188	+	0.017244
Micall1	MmuINT0098686	chr15	78951332	78952976	+	0.006111
Micall1	MmuINT0098687	chr15	78953417	78954930	+	0.144288
Micall1	MmuINT0098688	chr15	78954989	78955679	+	0.023896
Micall1	MmuINT0098689	chr15	78956105	78957356	+	0.002579
Micall1	MmuINT0098690	chr15	78957764	78960238	+	0.023585
Micall2	MmuINT0098692	chr5	1.4E+08	1.4E+08	-	0.161233
Micall2	MmuINT0098693	chr5	1.4E+08	1.4E+08	-	0.091395
Micall2	MmuINT0098696	chr5	1.4E+08	1.4E+08	-	0.082782
Micall2	MmuINT0098698	chr5	1.4E+08	1.4E+08	-	0.05381
Micall2	MmuINT0098703	chr5	1.4E+08	1.4E+08	-	0.048217
Micall2	MmuINT0098704	chr5	1.4E+08	1.4E+08	-	0.135604
Micall2	MmuINT0098705	chr5	1.4E+08	1.4E+08	-	0.065709
Micall2	MmuINT0098706	chr5	1.4E+08	1.4E+08	-	0.054442
Mid1	MmuINT0098710	chrX	1.66E+08	1.66E+08	+	0.028701
Mid1	MmuINT0098711	chrX	1.66E+08	1.66E+08	+	0.030571
Mid1	MmuINT0098712	chrX	1.66E+08	1.66E+08	+	0.06913
Mid1	MmuINT0098714	chrX	1.66E+08	1.66E+08	+	0.319382
Mid1	MmuINT0098715	chrX	1.66E+08	1.66E+08	+	0.01504
Mid1ip1	MmuINT0098717	chrX	10294831	10295109	+	0.03649
Mid2	MmuINT0098718	chrX	1.37E+08	1.37E+08	+	0.027574
Mid2	MmuINT0098719	chrX	1.37E+08	1.37E+08	+	0.02197
Mid2	MmuINT0098720	chrX	1.37E+08	1.37E+08	+	0.020635
Mid2	MmuINT0098721	chrX	1.37E+08	1.37E+08	+	0.028651
Mid2	MmuINT0098722	chrX	1.37E+08	1.37E+08	+	0.022177
Mid2	MmuINT0098723	chrX	1.37E+08	1.37E+08	+	0.175521
Mid2	MmuINT0098724	chrX	1.37E+08	1.37E+08	+	0.026488
Mid2	MmuINT0098725	chrX	1.37E+08	1.37E+08	+	0.018673
Midn	MmuINT0098726	chr10	79611095	79612426	+	0.017372
Midn	MmuINT0098727	chr10	79613059	79614122	+	0.029283
Midn	MmuINT0098728	chr10	79614211	79614405	+	0.00972
Midn	MmuINT0098729	chr10	79614469	79616335	+	0.16895
Midn	MmuINT0098730	chr10	79616465	79616560	+	0.110171
Midn	MmuINT0098731	chr10	79616879	79617075	+	0.042749
Midn	MmuINT0098732	chr10	79617218	79617878	+	0.004641
Midn	MmuINT0098733	chr10	79618152	79619109	+	0.019735
Mier1	MmuINT0098734	chr4	1.03E+08	1.03E+08	+	0.041557
Mier1	MmuINT0098735	chr4	1.03E+08	1.03E+08	+	0.021336
Mier1	MmuINT0098736	chr4	1.03E+08	1.03E+08	+	0.057759

Mier1	MmuINT0098737	chr4	1.03E+08	1.03E+08	+	0.023348
Mier1	MmuINT0098738	chr4	1.03E+08	1.03E+08	+	0.016062
Mier1	MmuINT0098739	chr4	1.03E+08	1.03E+08	+	0.045836
Mier1	MmuINT0098740	chr4	1.03E+08	1.03E+08	+	0.019841
Mier1	MmuINT0098741	chr4	1.03E+08	1.03E+08	+	0.018336
Mier1	MmuINT0098742	chr4	1.03E+08	1.03E+08	+	0.041633
Mier1	MmuINT0098743	chr4	1.03E+08	1.03E+08	+	0.032358
Mier1	MmuINT0098744	chr4	1.03E+08	1.03E+08	+	0.015524
Mier1	MmuINT0098745	chr4	1.03E+08	1.03E+08	+	0.024388
Mier1	MmuINT0098746	chr4	1.03E+08	1.03E+08	+	0.107293
Mier2	MmuINT0098750	chr10	79005467	79007264	-	0.04572
Mier2	MmuINT0098751	chr10	79005227	79005341	-	0.023041
Mier2	MmuINT0098752	chr10	79004680	79005149	-	0.142211
Mier2	MmuINT0098753	chr10	79003945	79004258	-	0.029253
Mier2	MmuINT0098754	chr10	79012425	79013060	-	0.095264
Mier2	MmuINT0098755	chr10	79012055	79012281	-	0.017079
Mier2	MmuINT0098757	chr10	79011188	79011530	-	0.04912
Mier2	MmuINT0098758	chr10	79010470	79011098	-	0.023068
Mier2	MmuINT0098759	chr10	79007942	79010399	-	0.072062
Mier2	MmuINT0098760	chr10	79007516	79007789	-	0.037687
Mier2	MmuINT0098761	chr10	79007360	79007433	-	0.038568
Mier3	MmuINT0098763	chr13	1.13E+08	1.13E+08	+	0.09101
Mier3	MmuINT0098764	chr13	1.13E+08	1.13E+08	+	0.131161
Mier3	MmuINT0098765	chr13	1.13E+08	1.13E+08	+	0.033882
Mier3	MmuINT0098766	chr13	1.12E+08	1.12E+08	+	0.048784
Mier3	MmuINT0098767	chr13	1.12E+08	1.12E+08	+	0.074587
Mier3	MmuINT0098768	chr13	1.12E+08	1.12E+08	+	0.037728
Mier3	MmuINT0098769	chr13	1.12E+08	1.12E+08	+	0.030206
Mier3	MmuINT0098770	chr13	1.12E+08	1.12E+08	+	0.03323
Mier3	MmuINT0098771	chr13	1.12E+08	1.12E+08	+	0.042802
Mier3	MmuINT0098772	chr13	1.12E+08	1.12E+08	+	0.029474
Mier3	MmuINT0098773	chr13	1.13E+08	1.13E+08	+	0.026256
Mif4gd	MmuINT0098776	chr11	1.15E+08	1.15E+08	-	0.019111
Mif4gd	MmuINT0098777	chr11	1.15E+08	1.15E+08	-	0.01492
Mif4gd	MmuINT0098778	chr11	1.15E+08	1.15E+08	-	0.409156
Mif4gd	MmuINT0098779	chr11	1.15E+08	1.15E+08	-	0.074673
Miip	MmuINT0098780	chr4	1.47E+08	1.47E+08	-	0.05716
Miip	MmuINT0098781	chr4	1.47E+08	1.47E+08	-	0.046442
Miip	MmuINT0098782	chr4	1.47E+08	1.47E+08	-	0.09425
Miip	MmuINT0098783	chr4	1.47E+08	1.47E+08	-	0.257268
Miip	MmuINT0098784	chr4	1.47E+08	1.47E+08	-	0.416722
Miip	MmuINT0098785	chr4	1.47E+08	1.47E+08	-	0.561402
Miip	MmuINT0098786	chr4	1.47E+08	1.47E+08	-	0.020974
Miip	MmuINT0098787	chr4	1.47E+08	1.47E+08	-	0.023122
Miip	MmuINT0098788	chr4	1.47E+08	1.47E+08	-	0.057104
Mill2	MmuINT0098796	chr7	19443769	19443872	+	0.06619
Mina	MmuINT0098799	chr16	59471772	59475335	+	0.017331
Mina	MmuINT0098800	chr16	59475796	59478995	+	0.010594
Mina	MmuINT0098801	chr16	59479116	59480116	+	0.005224
Mina	MmuINT0098802	chr16	59480246	59482830	+	0.00633

Mina	MmuINT0098803	chr16	59482935	59486358	+	0.002878
Mina	MmuINT0098804	chr16	59486462	59487253	+	0.005865
Mina	MmuINT0098805	chr16	59487426	59489170	+	0.092598
Mina	MmuINT0098806	chr16	59491121	59491566	+	0.083591
Mink1	MmuINT0098810	chr11	70376629	70410669	+	0.014442
Mink1	MmuINT0098811	chr11	70417446	70417685	+	0.013019
Mink1	MmuINT0098812	chr11	70417756	70418496	+	0.01187
Mink1	MmuINT0098813	chr11	70418708	70419549	+	0.008786
Mink1	MmuINT0098814	chr11	70419667	70420421	+	0.230568
Mink1	MmuINT0098815	chr11	70420647	70420843	+	0.009764
Mink1	MmuINT0098816	chr11	70421018	70421258	+	0.016026
Mink1	MmuINT0098817	chr11	70421523	70421842	+	0.011163
Mink1	MmuINT0098818	chr11	70421929	70422341	+	0.096184
Mink1	MmuINT0098819	chr11	70422461	70422667	+	0.007497
Mink1	MmuINT0098820	chr11	70422757	70422909	+	0.176206
Mink1	MmuINT0098821	chr11	70410736	70412343	+	0.066579
Mink1	MmuINT0098822	chr11	70422934	70423055	+	0.13462
Mink1	MmuINT0098823	chr11	70423220	70423579	+	0.249416
Mink1	MmuINT0098824	chr11	70423906	70424102	+	0.012848
Mink1	MmuINT0098825	chr11	70424212	70424811	+	0.017865
Mink1	MmuINT0098826	chr11	70424980	70425087	+	0.010192
Mink1	MmuINT0098827	chr11	70425232	70425738	+	0.006565
Mink1	MmuINT0098828	chr11	70425874	70425982	+	0.01123
Mink1	MmuINT0098829	chr11	70426084	70426167	+	0.036919
Mink1	MmuINT0098830	chr11	70426318	70426408	+	0.020113
Mink1	MmuINT0098831	chr11	70412401	70412481	+	0.031622
Mink1	MmuINT0098832	chr11	70426569	70426656	+	0.021347
Mink1	MmuINT0098833	chr11	70426797	70427130	+	0.009413
Mink1	MmuINT0098834	chr11	70412608	70415115	+	0.029342
Mink1	MmuINT0098835	chr11	70415227	70415468	+	0.008186
Mink1	MmuINT0098836	chr11	70415560	70416184	+	0.013107
Mink1	MmuINT0098837	chr11	70416316	70416766	+	0.016211
Mink1	MmuINT0098838	chr11	70416822	70416971	+	0.015918
Mink1	MmuINT0098839	chr11	70417051	70417269	+	0.024483
Minpp1	MmuINT0098841	chr19	32566026	32568360	+	0.009782
Minpp1	MmuINT0098843	chr19	32573008	32588462	+	0.002141
Mios	MmuINT0098844	chr6	8159412	8161579	+	0.037375
Mios	MmuINT0098845	chr6	8183255	8184231	+	0.041907
Mios	MmuINT0098846	chr6	8184362	8185384	+	0.01363
Mios	MmuINT0098847	chr6	8161639	8164765	+	0.017828
Mios	MmuINT0098848	chr6	8166100	8166371	+	0.014572
Mios	MmuINT0098849	chr6	8166471	8172460	+	0.022858
Mios	MmuINT0098850	chr6	8172716	8174554	+	0.012618
Mios	MmuINT0098851	chr6	8174725	8176843	+	0.020603
Mios	MmuINT0098852	chr6	8176910	8177968	+	0.010357
Mios	MmuINT0098853	chr6	8178128	8181160	+	0.010354
Mios	MmuINT0098854	chr6	8181314	8183049	+	0.020261
Mipep	MmuINT0098867	chr14	61403708	61406131	+	0.00486
Mipep	MmuINT0098868	chr14	61433843	61446135	+	0.002403
Mipep	MmuINT0098869	chr14	61446290	61448223	+	0.001758

Mipep	MmuINT0098870	chr14	61448302	61449949	+	0.00233
Mipep	MmuINT0098871	chr14	61450155	61452821	+	0.004259
Mipep	MmuINT0098872	chr14	61452932	61462044	+	0.003429
Mipep	MmuINT0098873	chr14	61462120	61465220	+	0.003014
Mipep	MmuINT0098874	chr14	61465341	61490854	+	0.002946
Mipep	MmuINT0098875	chr14	61490977	61494070	+	0.00096
Mipep	MmuINT0098876	chr14	61494145	61522204	+	0.002218
Mipep	MmuINT0098877	chr14	61406306	61406990	+	0.002584
Mipep	MmuINT0098878	chr14	61407080	61409723	+	0.002996
Mipep	MmuINT0098879	chr14	61409811	61415008	+	0.002346
Mipep	MmuINT0098880	chr14	61415073	61420957	+	0.001981
Mipep	MmuINT0098881	chr14	61421141	61421649	+	0.00166
Mipep	MmuINT0098882	chr14	61421807	61427804	+	0.004347
Mipep	MmuINT0098883	chr14	61427854	61429935	+	0.004266
Mipep	MmuINT0098884	chr14	61429997	61433789	+	0.003388
Mipol1	MmuINT0098885	chr12	58331599	58404331	+	0.052026
Mipol1	MmuINT0098886	chr12	58404539	58406997	+	0.053888
Mipol1	MmuINT0098887	chr12	58407125	58408345	+	0.042317
Mipol1	MmuINT0098888	chr12	58408452	58426510	+	0.061822
Mipol1	MmuINT0098889	chr12	58426641	58432982	+	0.074331
Mipol1	MmuINT0098890	chr12	58433017	58433275	+	0.038893
Mipol1	MmuINT0098891	chr12	58433447	58465113	+	0.044715
Mipol1	MmuINT0098892	chr12	58465222	58515302	+	0.047556
Mipol1	MmuINT0098893	chr12	58515398	58557939	+	0.042766
Mis12	MmuINT0098903	chr11	70833692	70838051	+	0.03079
Mis12	MmuINT0098904	chr11	70838214	70838611	+	0.022553
Mitd1	MmuINT0098905	chr1	37942162	37947004	-	0.101872
Mitd1	MmuINT0098906	chr1	37939544	37942059	-	0.135147
Mitd1	MmuINT0098907	chr1	37938631	37939406	-	0.26443
Mitd1	MmuINT0098908	chr1	37937894	37938543	-	0.361194
Mitd1	MmuINT0098909	chr1	37936466	37937777	-	0.345248
Mitd1	MmuINT0098910	chr1	37936209	37936404	-	0.319004
Mitf	MmuINT0098913	chr6	97891297	97943120	+	0.010501
Mitf	MmuINT0098915	chr6	97944459	97946367	+	0.02528
Mitf	MmuINT0098916	chr6	97946464	97953880	+	0.020154
Mitf	MmuINT0098917	chr6	97953999	97956116	+	0.026827
Mitf	MmuINT0098918	chr6	97956192	97960388	+	0.029091
Mitf	MmuINT0098919	chr6	97960465	97963662	+	0.009068
Mitf	MmuINT0098920	chr6	97963811	97967767	+	0.007387
Mki67ip	MmuINT0098936	chr1	1.2E+08	1.2E+08	+	0.008698
Mki67ip	MmuINT0098937	chr1	1.2E+08	1.2E+08	+	0.01078
Mki67ip	MmuINT0098938	chr1	1.2E+08	1.2E+08	+	0.008136
Mki67ip	MmuINT0098939	chr1	1.2E+08	1.2E+08	+	0.016381
Mki67ip	MmuINT0098940	chr1	1.2E+08	1.2E+08	+	0.017768
Mki67ip	MmuINT0098941	chr1	1.2E+08	1.2E+08	+	0.008696
Mkks	MmuINT0098942	chr2	1.37E+08	1.37E+08	-	0.006937
Mkks	MmuINT0098943	chr2	1.37E+08	1.37E+08	-	0.066568
Mkks	MmuINT0098944	chr2	1.37E+08	1.37E+08	-	0.008701
Mkks	MmuINT0098945	chr2	1.37E+08	1.37E+08	-	0.018834
Mkl1	MmuINT0098947	chr15	80948083	81020936	-	0.052438



Mkl1	MmuINT0098950	chr15	80846342	80846660	-	0.123035
Mkl1	MmuINT0098951	chr15	80845840	80846188	-	0.063081
Mkl1	MmuINT0098952	chr15	80844233	80845778	-	0.109923
Mkl1	MmuINT0098953	chr15	80857148	80875718	-	0.039864
Mkl1	MmuINT0098955	chr15	80852989	80853971	-	0.057405
Mkl1	MmuINT0098956	chr15	80851359	80852826	-	0.063662
Mkl1	MmuINT0098958	chr15	80848910	80850594	-	0.034886
Mkl1	MmuINT0098959	chr15	80848550	80848643	-	0.069606
Mkl1	MmuINT0098960	chr15	80847657	80848380	-	0.128312
Mkl2	MmuINT0098964	chr16	13401778	13403247	+	0.028134
Mkl2	MmuINT0098965	chr16	13403404	13405341	+	0.022413
Mkl2	MmuINT0098966	chr16	13405501	13405857	+	0.052719
Mkl2	MmuINT0098967	chr16	13405996	13409709	+	0.103521
Mkl2	MmuINT0098968	chr16	13409771	13412252	+	0.090848
Mkl2	MmuINT0098969	chr16	13378423	13379932	+	0.052684
Mkl2	MmuINT0098970	chr16	13379989	13381620	+	0.042347
Mkl2	MmuINT0098971	chr16	13381697	13384286	+	0.032816
Mkl2	MmuINT0098972	chr16	13384449	13385698	+	0.085117
Mkl2	MmuINT0098973	chr16	13385878	13394915	+	0.025295
Mkl2	MmuINT0098974	chr16	13395054	13398316	+	0.020732
Mkl2	MmuINT0098975	chr16	13398580	13400172	+	0.021775
Mkl2	MmuINT0098976	chr16	13400273	13400745	+	0.037997
Mkl2	MmuINT0098977	chr16	13265233	13326474	+	0.038949
Mkln1	MmuINT0098980	chr6	31348955	31368930	+	0.006972
Mkln1	MmuINT0098981	chr6	31418344	31424298	+	0.003529
Mkln1	MmuINT0098982	chr6	31424521	31427926	+	0.004281
Mkln1	MmuINT0098983	chr6	31428057	31439334	+	0.00279
Mkln1	MmuINT0098984	chr6	31439483	31440441	+	0.003872
Mkln1	MmuINT0098985	chr6	31440557	31442644	+	0.018806
Mkln1	MmuINT0098986	chr6	31442785	31446668	+	0.003524
Mkln1	MmuINT0098987	chr6	31446772	31449886	+	0.011498
Mkln1	MmuINT0098988	chr6	31449942	31457624	+	0.009891
Mkln1	MmuINT0098989	chr6	31369001	31376713	+	0.011998
Mkln1	MmuINT0098990	chr6	31376857	31378136	+	0.005675
Mkln1	MmuINT0098991	chr6	31378226	31381139	+	0.004842
Mkln1	MmuINT0098992	chr6	31381250	31382938	+	0.004574
Mkln1	MmuINT0098993	chr6	31383132	31399495	+	0.005754
Mkln1	MmuINT0098994	chr6	31399574	31401518	+	0.005226
Mkln1	MmuINT0098995	chr6	31401585	31408954	+	0.00449
Mkln1	MmuINT0098996	chr6	31409068	31418130	+	0.005464
Mknk1	MmuINT0098997	chr4	1.16E+08	1.16E+08	+	0.01734
Mknk1	MmuINT0098998	chr4	1.16E+08	1.16E+08	+	0.124542
Mknk1	MmuINT0098999	chr4	1.16E+08	1.16E+08	+	0.190565
Mknk1	MmuINT0099000	chr4	1.16E+08	1.16E+08	+	0.224542
Mknk1	MmuINT0099001	chr4	1.16E+08	1.16E+08	+	0.027484
Mknk1	MmuINT0099002	chr4	1.16E+08	1.16E+08	+	0.010303
Mknk1	MmuINT0099003	chr4	1.16E+08	1.16E+08	+	0.011653
Mknk1	MmuINT0099004	chr4	1.16E+08	1.16E+08	+	0.065378
Mknk1	MmuINT0099005	chr4	1.16E+08	1.16E+08	+	0.092935
Mknk1	MmuINT0099006	chr4	1.16E+08	1.16E+08	+	0.014747

Mknk1	MmuINT0099007	chr4	1.16E+08	1.16E+08	+	0.023604
Mknk1	MmuINT0099008	chr4	1.16E+08	1.16E+08	+	0.054832
Mknk2	MmuINT0099009	chr10	80134583	80134672	-	0.007668
Mknk2	MmuINT0099010	chr10	80130402	80130710	-	0.015061
Mknk2	MmuINT0099011	chr10	80130078	80130357	-	0.050687
Mknk2	MmuINT0099012	chr10	80134402	80134480	-	0.003572
Mknk2	MmuINT0099013	chr10	80132721	80134303	-	0.02028
Mknk2	MmuINT0099014	chr10	80132449	80132640	-	0.0074
Mknk2	MmuINT0099015	chr10	80132148	80132374	-	0.008425
Mknk2	MmuINT0099016	chr10	80131956	80132042	-	0.009683
Mknk2	MmuINT0099017	chr10	80131786	80131899	-	0.012928
Mknk2	MmuINT0099018	chr10	80131462	80131689	-	0.009382
Mknk2	MmuINT0099019	chr10	80130876	80131266	-	0.005113
Mkrn1	MmuINT0099020	chr6	39360216	39370097	-	0.009459
Mkrn1	MmuINT0099021	chr6	39355960	39360086	-	0.001761
Mkrn1	MmuINT0099024	chr6	39350505	39351208	-	0.055773
Mkrn1	MmuINT0099026	chr6	39349434	39349796	-	0.005835
Mkrn2	MmuINT0099027	chr6	1.16E+08	1.16E+08	+	0.005918
Mkrn2	MmuINT0099028	chr6	1.16E+08	1.16E+08	+	0.007869
Mkrn2	MmuINT0099029	chr6	1.16E+08	1.16E+08	+	0.005218
Mkrn2	MmuINT0099030	chr6	1.16E+08	1.16E+08	+	0.004616
Mkrn2	MmuINT0099031	chr6	1.16E+08	1.16E+08	+	0.00027
Mkrn2	MmuINT0099032	chr6	1.16E+08	1.16E+08	+	0.005936
Mkrn2	MmuINT0099033	chr6	1.16E+08	1.16E+08	+	0.001294
Mks1	MmuINT0099039	chr11	87674879	87675486	+	0.25222
Mks1	MmuINT0099040	chr11	87675621	87676069	+	0.047764
Mks1	MmuINT0099041	chr11	87676153	87676242	+	0.06069
Mks1	MmuINT0099042	chr11	87676341	87676438	+	0.043519
Mks1	MmuINT0099044	chr11	87668551	87668973	+	0.03796
Mlec	MmuINT0099072	chr5	1.16E+08	1.16E+08	-	0.014262
Mlec	MmuINT0099073	chr5	1.16E+08	1.16E+08	-	0.003109
Mlec	MmuINT0099074	chr5	1.16E+08	1.16E+08	-	0.005234
Mlec	MmuINT0099075	chr5	1.16E+08	1.16E+08	-	0.005899
Mlf1	MmuINT0099076	chr3	67178185	67188472	+	0.001203
Mlf1	MmuINT0099077	chr3	67188621	67194899	+	0.007421
Mlf1	MmuINT0099078	chr3	67194945	67196813	+	0.011308
Mlf1	MmuINT0099079	chr3	67196898	67197856	+	0.000856
Mlf1	MmuINT0099080	chr3	67197986	67199173	+	0.000576
Mlf1	MmuINT0099081	chr3	67199334	67201702	+	0.001382
Mlf1	MmuINT0099082	chr3	67201833	67203623	+	0.000725
Mlf2	MmuINT0099094	chr6	1.25E+08	1.25E+08	+	0.007411
Mlf2	MmuINT0099095	chr6	1.25E+08	1.25E+08	+	0.005044
Mlf2	MmuINT0099096	chr6	1.25E+08	1.25E+08	+	0.009703
Mlf2	MmuINT0099097	chr6	1.25E+08	1.25E+08	+	0.001773
Mlf2	MmuINT0099098	chr6	1.25E+08	1.25E+08	+	0.004503
Mlf2	MmuINT0099099	chr6	1.25E+08	1.25E+08	+	0.007479
Mlf2	MmuINT0099100	chr6	1.25E+08	1.25E+08	+	0.006603
Mlh1	MmuINT0099102	chr9	1.11E+08	1.11E+08	-	0.032576
Mlh1	MmuINT0099103	chr9	1.11E+08	1.11E+08	-	0.053742
Mlh1	MmuINT0099104	chr9	1.11E+08	1.11E+08	-	0.022495

MIh1	MmuINT0099105	chr9	1.11E+08	1.11E+08	-	0.022294
MIh1	MmuINT0099106	chr9	1.11E+08	1.11E+08	-	0.026879
MIh1	MmuINT0099107	chr9	1.11E+08	1.11E+08	-	0.028302
MIh1	MmuINT0099108	chr9	1.11E+08	1.11E+08	-	0.029122
MIh1	MmuINT0099109	chr9	1.11E+08	1.11E+08	-	0.154449
MIh1	MmuINT0099110	chr9	1.11E+08	1.11E+08	-	0.149215
MIh1	MmuINT0099111	chr9	1.11E+08	1.11E+08	-	0.112275
MIh1	MmuINT0099112	chr9	1.11E+08	1.11E+08	-	0.031091
MIh1	MmuINT0099113	chr9	1.11E+08	1.11E+08	-	0.037002
MIh1	MmuINT0099115	chr9	1.11E+08	1.11E+08	-	0.029826
MIh1	MmuINT0099117	chr9	1.11E+08	1.11E+08	-	0.037847
MIh1	MmuINT0099119	chr9	1.11E+08	1.11E+08	-	0.088822
MIh3	MmuINT0099121	chr12	86578617	86581747	-	0.073954
MIh3	MmuINT0099122	chr12	86576680	86578464	-	0.026959
MIh3	MmuINT0099128	chr12	86586873	86588561	-	0.04308
MIh3	MmuINT0099129	chr12	86581934	86586712	-	0.031616
MIh3	MmuINT0099130	chr12	86581827	86581909	-	0.041765
MIkl	MmuINT0099132	chr8	1.14E+08	1.14E+08	-	0.300773
MIkl	MmuINT0099133	chr8	1.14E+08	1.14E+08	-	0.057254
MIkl	MmuINT0099136	chr8	1.14E+08	1.14E+08	-	0.087638
MIkl	MmuINT0099139	chr8	1.14E+08	1.14E+08	-	0.068049
MIkl	MmuINT0099140	chr8	1.14E+08	1.14E+08	-	0.123331
MII1	MmuINT0099144	chr9	44644006	44644226	-	0.049967
MII1	MmuINT0099145	chr9	44642104	44643884	-	0.044473
MII1	MmuINT0099147	chr9	44639481	44640943	-	0.029729
MII1	MmuINT0099149	chr9	44638207	44638477	-	0.040909
MII1	MmuINT0099150	chr9	44637355	44638132	-	0.066387
MII1	MmuINT0099151	chr9	44636974	44637160	-	0.035516
MII1	MmuINT0099153	chr9	44635043	44636866	-	0.029743
MII1	MmuINT0099154	chr9	44633632	44634904	-	0.044427
MII1	MmuINT0099155	chr9	44632722	44633472	-	0.062714
MII1	MmuINT0099156	chr9	44632487	44632603	-	0.047575
MII1	MmuINT0099157	chr9	44631472	44632407	-	0.050249
MII1	MmuINT0099158	chr9	44630953	44631310	-	0.037735
MII1	MmuINT0099159	chr9	44630603	44630769	-	0.026689
MII1	MmuINT0099160	chr9	44625870	44626365	-	0.051046
MII1	MmuINT0099161	chr9	44624743	44625788	-	0.052182
MII1	MmuINT0099162	chr9	44622829	44624677	-	0.019216
MII1	MmuINT0099163	chr9	44655114	44655486	-	0.038921
MII1	MmuINT0099164	chr9	44621145	44622657	-	0.018843
MII1	MmuINT0099165	chr9	44619164	44621069	-	0.037808
MII1	MmuINT0099166	chr9	44618823	44618984	-	0.021587
MII1	MmuINT0099167	chr9	44617882	44618718	-	0.105933
MII1	MmuINT0099168	chr9	44617277	44617797	-	0.027188
MII1	MmuINT0099169	chr9	44616261	44617146	-	0.076834
MII1	MmuINT0099172	chr9	44651000	44651440	-	0.046883
MII1	MmuINT0099173	chr9	44650467	44650615	-	0.030212
MII1	MmuINT0099174	chr9	44649778	44650392	-	0.043627
MII2	MmuINT0099182	chr15	98688655	98689940	-	0.054822
MII2	MmuINT0099189	chr15	98686614	98686700	-	0.036653

MII2	MmuINT0099191	chr15	98686113	98686194	-	0.049942
MII2	MmuINT0099197	chr15	98684538	98684613	-	0.0455
MII2	MmuINT0099201	chr15	98682221	98682321	-	0.025691
MII2	MmuINT0099202	chr15	98681963	98682037	-	0.040642
MII2	MmuINT0099203	chr15	98681633	98681825	-	0.033193
MII2	MmuINT0099204	chr15	98677913	98679650	-	0.029594
MII2	MmuINT0099205	chr15	98677654	98677788	-	0.033264
MII2	MmuINT0099206	chr15	98677472	98677568	-	0.049128
MII2	MmuINT0099207	chr15	98677307	98677404	-	0.02887
MII2	MmuINT0099208	chr15	98676978	98677073	-	0.025464
MII2	MmuINT0099210	chr15	98673924	98674025	-	0.054252
MII2	MmuINT0099211	chr15	98673658	98673782	-	0.021921
MII2	MmuINT0099212	chr15	98673334	98673489	-	0.161252
MII2	MmuINT0099213	chr15	98672535	98673173	-	0.04821
MII2	MmuINT0099214	chr15	98672346	98672458	-	0.024682
MII2	MmuINT0099215	chr15	98671972	98672169	-	0.020782
MII2	MmuINT0099216	chr15	98671326	98671840	-	0.024242
MII2	MmuINT0099217	chr15	98671120	98671192	-	0.018502
MII2	MmuINT0099218	chr15	98670849	98670991	-	0.012025
MII2	MmuINT0099219	chr15	98667863	98669707	-	0.030239
MII2	MmuINT0099221	chr15	98667637	98667725	-	0.009213
MII2	MmuINT0099222	chr15	98665899	98667505	-	0.036362
MII2	MmuINT0099223	chr15	98665413	98665612	-	0.023527
MII2	MmuINT0099224	chr15	98665256	98665338	-	0.013787
MII2	MmuINT0099225	chr15	98665024	98665146	-	0.008264
MII3	MmuINT0099230	chr5	24949727	25004207	-	0.064302
MII3	MmuINT0099231	chr5	24881846	24882930	-	0.041988
MII3	MmuINT0099233	chr5	24880386	24881159	-	0.069251
MII3	MmuINT0099234	chr5	24879288	24880307	-	0.04334
MII3	MmuINT0099235	chr5	24872015	24878583	-	0.101402
MII3	MmuINT0099236	chr5	24869381	24871894	-	0.05766
MII3	MmuINT0099239	chr5	24860639	24865129	-	0.047135
MII3	MmuINT0099240	chr5	24860318	24860456	-	0.050325
MII3	MmuINT0099242	chr5	24859227	24860152	-	0.072868
MII3	MmuINT0099243	chr5	24858111	24859116	-	0.055814
MII3	MmuINT0099244	chr5	24857083	24858044	-	0.06014
MII3	MmuINT0099245	chr5	24855759	24856869	-	0.036818
MII3	MmuINT0099246	chr5	24853299	24855629	-	0.042588
MII3	MmuINT0099247	chr5	24850857	24853178	-	0.045982
MII3	MmuINT0099248	chr5	24844400	24850725	-	0.055938
MII3	MmuINT0099249	chr5	24836719	24844230	-	0.103013
MII3	MmuINT0099251	chr5	24835092	24835264	-	0.052217
MII3	MmuINT0099252	chr5	24915150	24920702	-	0.0713
MII3	MmuINT0099255	chr5	24829685	24829906	-	0.040403
MII3	MmuINT0099256	chr5	24826199	24829469	-	0.03691
MII3	MmuINT0099257	chr5	24824993	24826124	-	0.051325
MII3	MmuINT0099258	chr5	24821694	24824809	-	0.045845
MII3	MmuINT0099259	chr5	24819367	24819797	-	0.034572
MII3	MmuINT0099260	chr5	24817238	24819073	-	0.039164
MII3	MmuINT0099261	chr5	24814369	24815417	-	0.068635

MII3	MmuINT0099262	chr5	24811806	24814256	-	0.043075
MII3	MmuINT0099263	chr5	24911338	24914951	-	0.086267
MII3	MmuINT0099264	chr5	24810560	24811726	-	0.054826
MII3	MmuINT0099265	chr5	24808757	24810495	-	0.035311
MII3	MmuINT0099266	chr5	24806395	24808523	-	0.026015
MII3	MmuINT0099267	chr5	24801429	24804687	-	0.033009
MII3	MmuINT0099269	chr5	24798780	24798924	-	0.029454
MII3	MmuINT0099270	chr5	24796706	24798631	-	0.031254
MII3	MmuINT0099271	chr5	24796445	24796526	-	0.017302
MII3	MmuINT0099272	chr5	24795058	24796307	-	0.026198
MII3	MmuINT0099273	chr5	24793664	24794807	-	0.029922
MII3	MmuINT0099274	chr5	24910207	24911188	-	0.044789
MII3	MmuINT0099275	chr5	24792977	24793523	-	0.023541
MII3	MmuINT0099276	chr5	24791002	24792868	-	0.017985
MII3	MmuINT0099277	chr5	24789059	24789884	-	0.020357
MII3	MmuINT0099278	chr5	24787622	24788921	-	0.018979
MII3	MmuINT0099279	chr5	24787219	24787478	-	0.059521
MII3	MmuINT0099280	chr5	24782075	24787049	-	0.031867
MII3	MmuINT0099281	chr5	24781792	24781957	-	0.029693
MII3	MmuINT0099282	chr5	24781555	24781717	-	0.016752
MII3	MmuINT0099283	chr5	24779577	24781445	-	0.041529
MII3	MmuINT0099284	chr5	24901370	24910096	-	0.064018
MII3	MmuINT0099285	chr5	24893914	24901206	-	0.040594
MII3	MmuINT0099286	chr5	24891578	24893741	-	0.037565
MII5	MmuINT0099288	chr5	22940602	22955969	+	0.030468
MII5	MmuINT0099289	chr5	22984802	22987026	+	0.011714
MII5	MmuINT0099290	chr5	22987145	22988219	+	0.015369
MII5	MmuINT0099291	chr5	22988330	22991164	+	0.010818
MII5	MmuINT0099292	chr5	22991430	22992119	+	0.024326
MII5	MmuINT0099293	chr5	22992219	22998085	+	0.045159
MII5	MmuINT0099294	chr5	22998251	22999016	+	0.027116
MII5	MmuINT0099295	chr5	22999326	23001803	+	0.157316
MII5	MmuINT0099296	chr5	23002059	23002221	+	0.063282
MII5	MmuINT0099297	chr5	23002367	23002789	+	0.037742
MII5	MmuINT0099298	chr5	23003041	23003356	+	0.054545
MII5	MmuINT0099299	chr5	22956155	22968833	+	0.01099
MII5	MmuINT0099300	chr5	23003414	23003545	+	0.028822
MII5	MmuINT0099301	chr5	23004113	23005099	+	0.069293
MII5	MmuINT0099302	chr5	23005411	23006073	+	0.025405
MII5	MmuINT0099303	chr5	23006163	23006268	+	0.042521
MII5	MmuINT0099304	chr5	23006395	23006544	+	0.048564
MII5	MmuINT0099305	chr5	23006631	23007341	+	0.054748
MII5	MmuINT0099306	chr5	22968949	22970520	+	0.008093
MII5	MmuINT0099307	chr5	22970751	22972925	+	0.016975
MII5	MmuINT0099308	chr5	22973007	22977565	+	0.01378
MII5	MmuINT0099309	chr5	22977625	22979298	+	0.012167
MII5	MmuINT0099310	chr5	22979472	22982303	+	0.040851
MII5	MmuINT0099311	chr5	22982343	22984331	+	0.012159
MII5	MmuINT0099312	chr5	22984563	22984670	+	0.018421
MII1	MmuINT0099313	chr17	57066596	57074685	-	0.037374

Mllt1	MmuINT0099314	chr17	57034162	57034253	-	0.021393
Mllt1	MmuINT0099315	chr17	57034014	57034089	-	0.008386
Mllt1	MmuINT0099316	chr17	57059406	57066414	-	0.011929
Mllt1	MmuINT0099317	chr17	57045279	57059322	-	0.011048
Mllt1	MmuINT0099318	chr17	57042112	57045134	-	0.032704
Mllt1	MmuINT0099319	chr17	57039720	57041985	-	0.03987
Mllt1	MmuINT0099320	chr17	57036891	57039191	-	0.012334
Mllt1	MmuINT0099321	chr17	57035741	57036802	-	0.010383
Mllt1	MmuINT0099322	chr17	57034522	57035631	-	0.007738
Mllt1	MmuINT0099323	chr17	57034326	57034421	-	0.011798
Mllt10	MmuINT0099325	chr2	18081339	18083943	+	0.013024
Mllt10	MmuINT0099326	chr2	18084514	18091880	+	0.028649
Mllt10	MmuINT0099327	chr2	18091926	18092669	+	0.038128
Mllt10	MmuINT0099328	chr2	18092703	18107844	+	0.042229
Mllt10	MmuINT0099329	chr2	18108024	18118209	+	0.048513
Mllt10	MmuINT0099330	chr2	18118328	18119551	+	0.034625
Mllt10	MmuINT0099331	chr2	18119625	18125227	+	0.054078
Mllt10	MmuINT0099332	chr2	18125383	18127627	+	0.122935
Mllt10	MmuINT0099333	chr2	18128267	18128406	+	0.109091
Mllt10	MmuINT0099334	chr2	17986822	17992751	+	0.146964
Mllt10	MmuINT0099335	chr2	18128772	18129409	+	0.152722
Mllt10	MmuINT0099336	chr2	18129507	18130376	+	0.087874
Mllt10	MmuINT0099339	chr2	18031519	18043871	+	0.036072
Mllt10	MmuINT0099340	chr2	18043976	18045345	+	0.029084
Mllt10	MmuINT0099341	chr2	18045440	18047760	+	0.060318
Mllt10	MmuINT0099343	chr2	18068500	18081082	+	0.022379
Mllt11	MmuINT0099344	chr3	95024386	95032005	-	0.025703
Mllt3	MmuINT0099345	chr4	87677609	87678987	-	0.063259
Mllt3	MmuINT0099346	chr4	87420051	87428190	-	0.027669
Mllt3	MmuINT0099347	chr4	87526053	87677427	-	0.021547
Mllt3	MmuINT0099348	chr4	87519886	87525969	-	0.022423
Mllt3	MmuINT0099349	chr4	87487294	87519741	-	0.032303
Mllt3	MmuINT0099350	chr4	87439916	87486585	-	0.020315
Mllt3	MmuINT0099351	chr4	87437887	87439839	-	0.015501
Mllt3	MmuINT0099352	chr4	87435291	87437756	-	0.017367
Mllt3	MmuINT0099353	chr4	87429625	87435190	-	0.013853
Mllt3	MmuINT0099354	chr4	87428263	87429552	-	0.039024
Mllt4	MmuINT0099356	chr17	13897786	13940945	+	0.036404
Mllt4	MmuINT0099357	chr17	13966031	13966876	+	0.023774
Mllt4	MmuINT0099358	chr17	13967140	13969374	+	0.018787
Mllt4	MmuINT0099359	chr17	13969445	13972244	+	0.018546
Mllt4	MmuINT0099360	chr17	13972364	13983278	+	0.044406
Mllt4	MmuINT0099361	chr17	13983341	13983440	+	0.032798
Mllt4	MmuINT0099363	chr17	13986261	13986574	+	0.022078
Mllt4	MmuINT0099364	chr17	13986670	13987786	+	0.027463
Mllt4	MmuINT0099365	chr17	13988053	13989322	+	0.018295
Mllt4	MmuINT0099366	chr17	13989467	13992220	+	0.021966
Mllt4	MmuINT0099367	chr17	13941142	13944286	+	0.168643
Mllt4	MmuINT0099368	chr17	13992420	13996879	+	0.021071
Mllt4	MmuINT0099369	chr17	13996984	13998775	+	0.028988

Mllt4	MmuINT0099370	chr17	13998863	14018291	+	0.028842
Mllt4	MmuINT0099371	chr17	14018358	14018857	+	0.012705
Mllt4	MmuINT0099372	chr17	14018932	14019389	+	0.008068
Mllt4	MmuINT0099373	chr17	14019509	14020747	+	0.008364
Mllt4	MmuINT0099374	chr17	14020943	14021575	+	0.009798
Mllt4	MmuINT0099375	chr17	14021668	14022328	+	0.008895
Mllt4	MmuINT0099378	chr17	13944400	13945938	+	0.048985
Mllt4	MmuINT0099379	chr17	14033230	14035951	+	0.285082
Mllt4	MmuINT0099380	chr17	14036235	14039536	+	0.132159
Mllt4	MmuINT0099381	chr17	14039622	14040860	+	0.041415
Mllt4	MmuINT0099382	chr17	13946103	13947416	+	0.021653
Mllt4	MmuINT0099383	chr17	13947578	13955127	+	0.019831
Mllt4	MmuINT0099384	chr17	13955286	13959272	+	0.019365
Mllt4	MmuINT0099385	chr17	13959385	13960297	+	0.022066
Mllt6	MmuINT0099388	chr11	97524995	97526268	+	0.047854
Mllt6	MmuINT0099389	chr11	97535386	97535751	+	0.006706
Mllt6	MmuINT0099390	chr11	97535934	97536087	+	0.004171
Mllt6	MmuINT0099391	chr11	97536197	97537452	+	0.063449
Mllt6	MmuINT0099392	chr11	97537520	97537683	+	0.016633
Mllt6	MmuINT0099393	chr11	97537827	97538175	+	0.024029
Mllt6	MmuINT0099394	chr11	97538374	97538461	+	0.012605
Mllt6	MmuINT0099395	chr11	97538551	97539627	+	0.113642
Mllt6	MmuINT0099396	chr11	97539978	97540278	+	0.088731
Mllt6	MmuINT0099397	chr11	97540370	97541783	+	0.00782
Mllt6	MmuINT0099398	chr11	97542141	97542859	+	0.033692
Mllt6	MmuINT0099399	chr11	97526349	97526799	+	0.039351
Mllt6	MmuINT0099400	chr11	97526855	97527043	+	0.069587
Mllt6	MmuINT0099401	chr11	97527154	97528103	+	0.04778
Mllt6	MmuINT0099402	chr11	97528208	97528388	+	0.023101
Mllt6	MmuINT0099403	chr11	97528483	97530737	+	0.015829
Mllt6	MmuINT0099404	chr11	97530951	97531566	+	0.011461
Mllt6	MmuINT0099405	chr11	97531666	97533770	+	0.005149
Mllt6	MmuINT0099406	chr11	97533907	97534773	+	0.474537
Mlst8	MmuINT0099423	chr17	24615108	24615264	-	0.049882
Mlst8	MmuINT0099424	chr17	24614971	24615055	-	0.043864
Mlst8	MmuINT0099425	chr17	24614451	24614807	-	0.098511
Mlst8	MmuINT0099426	chr17	24614279	24614374	-	0.023914
Mlst8	MmuINT0099427	chr17	24613395	24614125	-	0.029865
Mlst8	MmuINT0099428	chr17	24613155	24613269	-	0.114578
Mlst8	MmuINT0099429	chr17	24612897	24612990	-	0.02906
Mlx	MmuINT0099431	chr11	1.01E+08	1.01E+08	+	0.102001
Mlx	MmuINT0099432	chr11	1.01E+08	1.01E+08	+	0.032113
Mlx	MmuINT0099433	chr11	1.01E+08	1.01E+08	+	0.012589
Mlx	MmuINT0099434	chr11	1.01E+08	1.01E+08	+	0.023776
Mlx	MmuINT0099435	chr11	1.01E+08	1.01E+08	+	0.015627
Mlx	MmuINT0099436	chr11	1.01E+08	1.01E+08	+	0.07332
Mlx	MmuINT0099437	chr11	1.01E+08	1.01E+08	+	0.022205
Mlxip	MmuINT0099438	chr5	1.24E+08	1.24E+08	+	0.010112
Mlxip	MmuINT0099439	chr5	1.24E+08	1.24E+08	+	0.026019
Mlxip	MmuINT0099440	chr5	1.24E+08	1.24E+08	+	0.010044

Mlxip	MmuINT0099441	chr5	1.24E+08	1.24E+08	+	0.011624
Mlxip	MmuINT0099442	chr5	1.24E+08	1.24E+08	+	0.055321
Mlxip	MmuINT0099443	chr5	1.24E+08	1.24E+08	+	0.137708
Mlxip	MmuINT0099444	chr5	1.24E+08	1.24E+08	+	0.006173
Mlxip	MmuINT0099445	chr5	1.24E+08	1.24E+08	+	0.014413
Mlxip	MmuINT0099446	chr5	1.24E+08	1.24E+08	+	0.061934
Mlxip	MmuINT0099447	chr5	1.24E+08	1.24E+08	+	0.022434
Mlxip	MmuINT0099448	chr5	1.24E+08	1.24E+08	+	0.022742
Mlxip	MmuINT0099449	chr5	1.24E+08	1.24E+08	+	0.021094
Mlxip	MmuINT0099450	chr5	1.24E+08	1.24E+08	+	0.009805
Mlxip	MmuINT0099451	chr5	1.24E+08	1.24E+08	+	0.037851
Mlxipl	MmuINT0099452	chr5	1.36E+08	1.36E+08	+	0.020976
Mlxipl	MmuINT0099453	chr5	1.36E+08	1.36E+08	+	0.097095
Mlxipl	MmuINT0099454	chr5	1.36E+08	1.36E+08	+	0.287145
Mlxipl	MmuINT0099455	chr5	1.36E+08	1.36E+08	+	0.017433
Mlxipl	MmuINT0099456	chr5	1.36E+08	1.36E+08	+	0.201742
Mlxipl	MmuINT0099457	chr5	1.36E+08	1.36E+08	+	0.010598
Mlxipl	MmuINT0099458	chr5	1.36E+08	1.36E+08	+	0.011147
Mlxipl	MmuINT0099459	chr5	1.36E+08	1.36E+08	+	0.097571
Mlxipl	MmuINT0099460	chr5	1.36E+08	1.36E+08	+	0.01238
Mlxipl	MmuINT0099461	chr5	1.36E+08	1.36E+08	+	0.012699
Mlxipl	MmuINT0099462	chr5	1.36E+08	1.36E+08	+	0.172313
Mlxipl	MmuINT0099463	chr5	1.36E+08	1.36E+08	+	0.159202
Mlxipl	MmuINT0099464	chr5	1.36E+08	1.36E+08	+	0.018341
Mlxipl	MmuINT0099466	chr5	1.36E+08	1.36E+08	+	0.006544
Mlxipl	MmuINT0099467	chr5	1.36E+08	1.36E+08	+	0.043182
Mlycd	MmuINT0099468	chr8	1.22E+08	1.22E+08	+	0.006893
Mlycd	MmuINT0099469	chr8	1.22E+08	1.22E+08	+	0.005467
Mlycd	MmuINT0099470	chr8	1.22E+08	1.22E+08	+	0.005554
Mlycd	MmuINT0099471	chr8	1.22E+08	1.22E+08	+	0.015296
Mmaa	MmuINT0099472	chr8	81805554	81818812	-	0.036254
Mmaa	MmuINT0099473	chr8	81802224	81805075	-	0.0641
Mmaa	MmuINT0099474	chr8	81798174	81802100	-	0.00953
Mmaa	MmuINT0099475	chr8	81794875	81798002	-	0.019568
Mmaa	MmuINT0099476	chr8	81793182	81794788	-	0.009862
Mmaa	MmuINT0099477	chr8	81792115	81793031	-	0.001638
Mmab	MmuINT0099478	chr5	1.15E+08	1.15E+08	-	0.006275
Mmab	MmuINT0099479	chr5	1.15E+08	1.15E+08	-	0.011304
Mmab	MmuINT0099480	chr5	1.15E+08	1.15E+08	-	0.006939
Mmab	MmuINT0099481	chr5	1.15E+08	1.15E+08	-	0.038116
Mmab	MmuINT0099482	chr5	1.15E+08	1.15E+08	-	0.03371
Mmab	MmuINT0099483	chr5	1.15E+08	1.15E+08	-	0.01339
Mmab	MmuINT0099484	chr5	1.15E+08	1.15E+08	-	0.008075
Mmab	MmuINT0099485	chr5	1.15E+08	1.15E+08	-	0.046097
Mmachc	MmuINT0099487	chr4	1.16E+08	1.16E+08	-	0.002404
Mmachc	MmuINT0099488	chr4	1.16E+08	1.16E+08	-	0.006877
Mmadhc	MmuINT0099489	chr2	50151830	50152162	-	0.392498
Mmadhc	MmuINT0099490	chr2	50148474	50151771	-	0.002304
Mmadhc	MmuINT0099491	chr2	50147023	50148328	-	0.001042
Mmadhc	MmuINT0099492	chr2	50144553	50146804	-	0.00183



Mmadhc	MmuINT0099493	chr2	50143446	50144446	-	0.001626
Mmadhc	MmuINT0099494	chr2	50136710	50143314	-	0.004272
Mmadhc	MmuINT0099495	chr2	50135923	50136622	-	0.003206
Mmd	MmuINT0099496	chr11	90111050	90118833	+	0.010165
Mmd	MmuINT0099497	chr11	90118916	90121140	+	0.010687
Mmd	MmuINT0099498	chr11	90121302	90125816	+	0.01904
Mmd	MmuINT0099499	chr11	90125892	90127358	+	0.010119
Mmd	MmuINT0099500	chr11	90127461	90128825	+	0.011254
Mmd	MmuINT0099501	chr11	90128896	90137976	+	0.014617
Mmgt1	MmuINT0099553	chrX	53848620	53850961	-	0.013266
Mmgt1	MmuINT0099554	chrX	53844359	53848566	-	0.02324
Mmgt1	MmuINT0099555	chrX	53842481	53844254	-	0.013658
Mmp11	MmuINT0099566	chr10	75391255	75395078	-	0.14625
Mmp11	MmuINT0099568	chr10	75390008	75390091	-	0.035659
Mmp11	MmuINT0099570	chr10	75389373	75389492	-	0.033673
Mmp11	MmuINT0099572	chr10	75386861	75388164	-	0.040979
Mmp14	MmuINT0099591	chr14	55050811	55054581	+	0.075403
Mmp14	MmuINT0099592	chr14	55054731	55054974	+	0.090711
Mmp14	MmuINT0099593	chr14	55055098	55055451	+	0.03498
Mmp14	MmuINT0099594	chr14	55055760	55056437	+	0.042256
Mmp14	MmuINT0099595	chr14	55056600	55057501	+	0.027516
Mmp14	MmuINT0099596	chr14	55057663	55057847	+	0.022229
Mmp14	MmuINT0099597	chr14	55057987	55058117	+	0.057077
Mmp14	MmuINT0099598	chr14	55058269	55058741	+	0.03235
Mmp14	MmuINT0099599	chr14	55058858	55059177	+	0.027249
Mmp15	MmuINT0099600	chr8	97876919	97889213	+	0.00408
Mmp15	MmuINT0099601	chr8	97889363	97890193	+	0.002412
Mmp15	MmuINT0099602	chr8	97890323	97891827	+	0.002188
Mmp15	MmuINT0099603	chr8	97892136	97892458	+	0.003932
Mmp15	MmuINT0099604	chr8	97892621	97893380	+	0.00242
Mmp15	MmuINT0099605	chr8	97893635	97894032	+	0.008603
Mmp15	MmuINT0099606	chr8	97894172	97894595	+	0.003339
Mmp15	MmuINT0099607	chr8	97894747	97894905	+	0.001851
Mmp15	MmuINT0099608	chr8	97895022	97896004	+	0.002018
Mmp19	MmuINT0099632	chr10	1.28E+08	1.28E+08	+	0.234541
Mmp2	MmuINT0099653	chr8	95351677	95354519	+	0.009992
Mmp2	MmuINT0099654	chr8	95367856	95369979	+	0.014237
Mmp2	MmuINT0099655	chr8	95370140	95374024	+	0.009492
Mmp2	MmuINT0099656	chr8	95374135	95376460	+	0.021497
Mmp2	MmuINT0099657	chr8	95354747	95355583	+	0.027675
Mmp2	MmuINT0099658	chr8	95355733	95356662	+	0.007517
Mmp2	MmuINT0099659	chr8	95356792	95356967	+	0.007035
Mmp2	MmuINT0099660	chr8	95357142	95359867	+	0.016816
Mmp2	MmuINT0099661	chr8	95360042	95360804	+	0.013717
Mmp2	MmuINT0099662	chr8	95360979	95363151	+	0.058156
Mmp2	MmuINT0099663	chr8	95363308	95364288	+	0.008778
Mmp2	MmuINT0099664	chr8	95364431	95367718	+	0.011111
Mmp23	MmuINT0099680	chr4	1.55E+08	1.55E+08	-	0.107781
Mmp23	MmuINT0099681	chr4	1.55E+08	1.55E+08	-	0.155575
Mmp23	MmuINT0099682	chr4	1.55E+08	1.55E+08	-	0.234951

Mmp23	MmuINT0099683	chr4	1.55E+08	1.55E+08	-	0.241905
Mmp23	MmuINT0099684	chr4	1.55E+08	1.55E+08	-	0.080939
Mmp23	MmuINT0099685	chr4	1.55E+08	1.55E+08	-	0.086136
Mmp23	MmuINT0099686	chr4	1.55E+08	1.55E+08	-	0.348113
Mmp3	MmuINT0099721	chr9	7447417	7447521	+	0.045756
Mmp3	MmuINT0099723	chr9	7449914	7450065	+	0.06152
Mmrn2	MmuINT0099760	chr14	35188965	35209350	+	0.015922
Mmrn2	MmuINT0099761	chr14	35209480	35209557	+	0.023442
Mmrn2	MmuINT0099763	chr14	35209826	35210732	+	0.024054
Mmrn2	MmuINT0099764	chr14	35210907	35211015	+	0.007648
Mmrn2	MmuINT0099765	chr14	35212810	35216098	+	0.034076
Mms19	MmuINT0099766	chr19	42044242	42055488	-	0.020391
Mms19	MmuINT0099767	chr19	42031077	42031630	-	0.033145
Mms19	MmuINT0099768	chr19	42030452	42030998	-	0.018434
Mms19	MmuINT0099769	chr19	42030064	42030312	-	0.044297
Mms19	MmuINT0099770	chr19	42029687	42029908	-	0.016803
Mms19	MmuINT0099771	chr19	42029349	42029607	-	0.023815
Mms19	MmuINT0099772	chr19	42029038	42029222	-	0.018325
Mms19	MmuINT0099773	chr19	42028508	42028955	-	0.032472
Mms19	MmuINT0099774	chr19	42028309	42028406	-	0.013656
Mms19	MmuINT0099775	chr19	42027053	42028158	-	0.011437
Mms19	MmuINT0099776	chr19	42025342	42026896	-	0.032048
Mms19	MmuINT0099777	chr19	42040805	42044192	-	0.022265
Mms19	MmuINT0099778	chr19	42024574	42025241	-	0.019157
Mms19	MmuINT0099779	chr19	42024328	42024470	-	0.024868
Mms19	MmuINT0099780	chr19	42024072	42024258	-	0.095359
Mms19	MmuINT0099781	chr19	42022807	42023944	-	0.075072
Mms19	MmuINT0099782	chr19	42022237	42022705	-	0.032822
Mms19	MmuINT0099783	chr19	42021594	42022179	-	0.037579
Mms19	MmuINT0099784	chr19	42020306	42021406	-	0.211497
Mms19	MmuINT0099785	chr19	42020114	42020222	-	0.021128
Mms19	MmuINT0099786	chr19	42019879	42019948	-	0.047545
Mms19	MmuINT0099787	chr19	42019248	42019818	-	0.024559
Mms19	MmuINT0099788	chr19	42038894	42040703	-	0.089742
Mms19	MmuINT0099789	chr19	42019071	42019146	-	0.021131
Mms19	MmuINT0099790	chr19	42038428	42038807	-	0.151394
Mms19	MmuINT0099791	chr19	42037961	42038352	-	0.052286
Mms19	MmuINT0099792	chr19	42037569	42037890	-	0.048426
Mms19	MmuINT0099793	chr19	42037352	42037439	-	0.03731
Mms19	MmuINT0099794	chr19	42032435	42037289	-	0.029459
Mms19	MmuINT0099795	chr19	42031706	42032347	-	0.045344
Mn1	MmuINT0099796	chr5	1.12E+08	1.12E+08	+	0.01803
Mnat1	MmuINT0099797	chr12	74224914	74268986	+	0.00653
Mnat1	MmuINT0099798	chr12	74269140	74271580	+	0.010632
Mnat1	MmuINT0099799	chr12	74271655	74280191	+	0.01221
Mnat1	MmuINT0099800	chr12	74280296	74282770	+	0.006319
Mnat1	MmuINT0099801	chr12	74282912	74289126	+	0.008792
Mnat1	MmuINT0099802	chr12	74289253	74320007	+	0.011944
Mnat1	MmuINT0099803	chr12	74320130	74373400	+	0.016922
Mndal	MmuINT0099821	chr1	1.76E+08	1.76E+08	-	0.665771

Mnt	MmuINT0099835	chr11	74644904	74649864	+	0.071963
Mnt	MmuINT0099836	chr11	74650451	74650932	+	0.041802
Mnt	MmuINT0099837	chr11	74650975	74651113	+	0.065743
Mnt	MmuINT0099838	chr11	74651226	74655662	+	0.184895
Mnt	MmuINT0099839	chr11	74655856	74656052	+	0.037889
Mobkl1a	MmuINT0099843	chr5	89150147	89172328	+	0.01863
Mobkl1a	MmuINT0099844	chr5	89172496	89174081	+	0.022885
Mobkl1a	MmuINT0099845	chr5	89174176	89178549	+	0.034227
Mobkl1a	MmuINT0099846	chr5	89178684	89182184	+	0.041539
Mobkl1a	MmuINT0099847	chr5	89182349	89185119	+	0.013448
Mobkl1b	MmuINT0099848	chr6	83276262	83279860	+	0.016183
Mobkl1b	MmuINT0099849	chr6	83280028	83282447	+	0.013596
Mobkl1b	MmuINT0099850	chr6	83282542	83284069	+	0.031258
Mobkl1b	MmuINT0099851	chr6	83284204	83288274	+	0.025663
Mobkl1b	MmuINT0099852	chr6	83288439	83290169	+	0.023694
Mobkl2a	MmuINT0099853	chr10	80154313	80164541	-	0.04547
Mobkl2a	MmuINT0099854	chr10	80152800	80153813	-	0.033098
Mobkl2a	MmuINT0099855	chr10	80149919	80152596	-	0.036829
Mobkl2c	MmuINT0099859	chr4	1.16E+08	1.16E+08	+	0.138101
Mobkl2c	MmuINT0099860	chr4	1.16E+08	1.16E+08	+	0.152869
Mobkl2c	MmuINT0099861	chr4	1.16E+08	1.16E+08	+	0.108521
Mobkl3	MmuINT0099862	chr1	55188204	55193520	+	0.010382
Mobkl3	MmuINT0099863	chr1	55193584	55201967	+	0.005517
Mobkl3	MmuINT0099864	chr1	55202069	55205162	+	0.024897
Mobkl3	MmuINT0099865	chr1	55205206	55205391	+	0.019438
Mobkl3	MmuINT0099866	chr1	55205479	55206989	+	0.015887
Mobkl3	MmuINT0099867	chr1	55207070	55207814	+	0.005756
Mobkl3	MmuINT0099868	chr1	55207927	55209518	+	0.005172
Mocos	MmuINT0099876	chr18	24847564	24851018	+	0.058809
Mocos	MmuINT0099877	chr18	24851125	24854374	+	0.246378
Mocos	MmuINT0099878	chr18	24854514	24858353	+	0.065672
Mocos	MmuINT0099882	chr18	24825153	24829065	+	0.067135
Mocos	MmuINT0099885	chr18	24835178	24837886	+	0.048026
Mocos	MmuINT0099886	chr18	24838313	24841629	+	0.028059
Mocos	MmuINT0099887	chr18	24841793	24845127	+	0.079938
Mocs1	MmuINT0099888	chr17	49567890	49572494	+	0.023424
Mocs1	MmuINT0099889	chr17	49572622	49574419	+	0.025624
Mocs1	MmuINT0099890	chr17	49574588	49578746	+	0.018645
Mocs1	MmuINT0099891	chr17	49578912	49588424	+	0.093957
Mocs1	MmuINT0099892	chr17	49588487	49588759	+	0.034044
Mocs1	MmuINT0099893	chr17	49588872	49589073	+	0.053891
Mocs1	MmuINT0099894	chr17	49589187	49589586	+	0.03673
Mocs1	MmuINT0099895	chr17	49589698	49591535	+	0.020477
Mocs1	MmuINT0099896	chr17	49591657	49592119	+	0.018049
Mocs2	MmuINT0099898	chr13	1.16E+08	1.16E+08	+	0.07789
Mocs2	MmuINT0099899	chr13	1.16E+08	1.16E+08	+	0.011887
Mocs2	MmuINT0099900	chr13	1.16E+08	1.16E+08	+	0.101998
Mocs2	MmuINT0099901	chr13	1.16E+08	1.16E+08	+	0.008654
Mogs	MmuINT0099922	chr6	83065921	83066012	+	0.050313
Mogs	MmuINT0099923	chr6	83066243	83066621	+	0.067906

Mogs	MmuINT0099924	chr6	83066819	83066970	+	0.027057
Mon1a	MmuINT0099925	chr9	1.08E+08	1.08E+08	+	0.062714
Mon1a	MmuINT0099926	chr9	1.08E+08	1.08E+08	+	0.014263
Mon1a	MmuINT0099927	chr9	1.08E+08	1.08E+08	+	0.055995
Mon1a	MmuINT0099928	chr9	1.08E+08	1.08E+08	+	0.095821
Mon1a	MmuINT0099929	chr9	1.08E+08	1.08E+08	+	0.056853
Mon1b	MmuINT0099930	chr8	1.16E+08	1.16E+08	+	0.095145
Mon1b	MmuINT0099931	chr8	1.16E+08	1.16E+08	+	0.032561
Mon1b	MmuINT0099932	chr8	1.16E+08	1.16E+08	+	0.050689
Mon2	MmuINT0099936	chr10	1.22E+08	1.23E+08	-	0.029618
Mon2	MmuINT0099937	chr10	1.22E+08	1.22E+08	-	0.034118
Mon2	MmuINT0099938	chr10	1.22E+08	1.22E+08	-	0.016812
Mon2	MmuINT0099939	chr10	1.22E+08	1.22E+08	-	0.069827
Mon2	MmuINT0099940	chr10	1.22E+08	1.22E+08	-	0.023207
Mon2	MmuINT0099941	chr10	1.22E+08	1.22E+08	-	0.026872
Mon2	MmuINT0099942	chr10	1.22E+08	1.22E+08	-	0.019198
Mon2	MmuINT0099943	chr10	1.22E+08	1.22E+08	-	0.017107
Mon2	MmuINT0099944	chr10	1.22E+08	1.22E+08	-	0.021024
Mon2	MmuINT0099945	chr10	1.22E+08	1.22E+08	-	0.02704
Mon2	MmuINT0099946	chr10	1.22E+08	1.22E+08	-	0.027423
Mon2	MmuINT0099947	chr10	1.22E+08	1.22E+08	-	0.018177
Mon2	MmuINT0099948	chr10	1.22E+08	1.22E+08	-	0.015179
Mon2	MmuINT0099949	chr10	1.22E+08	1.22E+08	-	0.0105
Mon2	MmuINT0099951	chr10	1.22E+08	1.22E+08	-	0.018256
Mon2	MmuINT0099952	chr10	1.22E+08	1.22E+08	-	0.011617
Mon2	MmuINT0099953	chr10	1.22E+08	1.22E+08	-	0.144344
Mon2	MmuINT0099954	chr10	1.22E+08	1.22E+08	-	0.009593
Mon2	MmuINT0099955	chr10	1.22E+08	1.22E+08	-	0.078861
Mon2	MmuINT0099956	chr10	1.22E+08	1.22E+08	-	0.013642
Mon2	MmuINT0099957	chr10	1.22E+08	1.22E+08	-	0.022232
Mon2	MmuINT0099958	chr10	1.22E+08	1.22E+08	-	0.012593
Mon2	MmuINT0099959	chr10	1.22E+08	1.22E+08	-	0.010186
Mon2	MmuINT0099960	chr10	1.22E+08	1.22E+08	-	0.007172
Mon2	MmuINT0099961	chr10	1.22E+08	1.22E+08	-	0.010304
Mon2	MmuINT0099962	chr10	1.22E+08	1.22E+08	-	0.01299
Mon2	MmuINT0099963	chr10	1.22E+08	1.22E+08	-	0.016495
Mon2	MmuINT0099964	chr10	1.22E+08	1.22E+08	-	0.014262
Mon2	MmuINT0099965	chr10	1.22E+08	1.22E+08	-	0.022266
Mon2	MmuINT0099966	chr10	1.22E+08	1.22E+08	-	0.015051
Morc2a	MmuINT0099993	chr11	3550150	3550310	+	0.752404
Morc2a	MmuINT0099994	chr11	3576771	3577405	+	0.018868
Morc2a	MmuINT0099995	chr11	3577486	3578229	+	0.019803
Morc2a	MmuINT0099996	chr11	3578313	3578538	+	0.017107
Morc2a	MmuINT0099997	chr11	3578625	3579658	+	0.037815
Morc2a	MmuINT0099998	chr11	3579800	3579882	+	0.047905
Morc2a	MmuINT0099999	chr11	3580038	3580177	+	0.0776
Morc2a	MmuINT0100000	chr11	3580307	3580785	+	0.044965
Morc2a	MmuINT0100001	chr11	3580892	3581677	+	0.031316
Morc2a	MmuINT0100002	chr11	3581811	3583547	+	0.012658
Morc2a	MmuINT0100003	chr11	3583620	3583701	+	0.16961

Morc2a	MmuINT0100004	chr11	3550451	3558674	+	0.04563
Morc2a	MmuINT0100005	chr11	3584080	3584616	+	0.025483
Morc2a	MmuINT0100006	chr11	3584896	3585387	+	0.040493
Morc2a	MmuINT0100007	chr11	3585530	3585660	+	0.037429
Morc2a	MmuINT0100008	chr11	3585886	3585978	+	0.063606
Morc2a	MmuINT0100009	chr11	3586073	3588113	+	0.030512
Morc2a	MmuINT0100010	chr11	3588303	3589037	+	0.030111
Morc2a	MmuINT0100011	chr11	3561867	3568773	+	0.040053
Morc2a	MmuINT0100012	chr11	3568843	3569331	+	0.02101
Morc2a	MmuINT0100013	chr11	3569423	3572268	+	0.023972
Morc2a	MmuINT0100014	chr11	3572378	3575830	+	0.019728
Morc2a	MmuINT0100015	chr11	3575991	3576106	+	0.01921
Morc2a	MmuINT0100016	chr11	3576219	3576644	+	0.038669
Morc3	MmuINT0100021	chr16	93832594	93841615	+	0.096576
Morc3	MmuINT0100022	chr16	93860843	93862658	+	0.030508
Morc3	MmuINT0100023	chr16	93862782	93862885	+	0.047778
Morc3	MmuINT0100024	chr16	93862961	93865204	+	0.103233
Morc3	MmuINT0100025	chr16	93865263	93866619	+	0.022616
Morc3	MmuINT0100026	chr16	93866784	93870608	+	0.019141
Morc3	MmuINT0100027	chr16	93871498	93873481	+	0.050363
Morc3	MmuINT0100028	chr16	93873640	93875003	+	0.036883
Morc3	MmuINT0100029	chr16	93841689	93844438	+	0.027452
Morc3	MmuINT0100030	chr16	93844572	93845384	+	0.031596
Morc3	MmuINT0100031	chr16	93845600	93847527	+	0.03335
Morc3	MmuINT0100032	chr16	93847676	93849374	+	0.017707
Morc3	MmuINT0100033	chr16	93849523	93853333	+	0.017733
Morc3	MmuINT0100034	chr16	93853463	93854023	+	0.031736
Morc3	MmuINT0100035	chr16	93854144	93855660	+	0.038405
Morc3	MmuINT0100036	chr16	93855759	93860737	+	0.029895
Morf4l2	MmuINT0100070	chrX	1.33E+08	1.33E+08	-	0.694125
Morn2	MmuINT0100086	chr17	80691719	80693809	+	0.026097
Morn2	MmuINT0100087	chr17	80693917	80694852	+	0.013598
Morn2	MmuINT0100088	chr17	80694990	80696593	+	0.017785
Morn4	MmuINT0100094	chr19	42152570	42152973	-	0.051347
Morn4	MmuINT0100095	chr19	42151055	42152454	-	0.057554
Morn4	MmuINT0100096	chr19	42150746	42150944	-	0.042275
Mosc2	MmuINT0100109	chr1	1.87E+08	1.87E+08	-	0.003402
Mosc2	MmuINT0100110	chr1	1.87E+08	1.87E+08	-	0.004947
Mosc2	MmuINT0100111	chr1	1.87E+08	1.87E+08	-	0.002634
Mosc2	MmuINT0100112	chr1	1.87E+08	1.87E+08	-	0.016748
Mosc2	MmuINT0100113	chr1	1.87E+08	1.87E+08	-	0.005296
Mosc2	MmuINT0100114	chr1	1.87E+08	1.87E+08	-	0.011571
Mosc2	MmuINT0100115	chr1	1.87E+08	1.87E+08	-	0.003608
Mospd1	MmuINT0100116	chrX	50711005	50723598	-	0.00285
Mospd1	MmuINT0100118	chrX	50709051	50710586	-	0.002558
Mospd2	MmuINT0100121	chrX	1.61E+08	1.61E+08	-	0.034179
Mospd2	MmuINT0100122	chrX	1.61E+08	1.61E+08	-	0.033969
Mospd2	MmuINT0100123	chrX	1.61E+08	1.61E+08	-	0.055726
Mospd2	MmuINT0100124	chrX	1.61E+08	1.61E+08	-	0.080231
Mospd2	MmuINT0100125	chrX	1.61E+08	1.61E+08	-	0.037755

Mospd2	MmuINT0100126	chrX	1.61E+08	1.61E+08	-	0.316309
Mospd2	MmuINT0100127	chrX	1.61E+08	1.61E+08	-	0.046342
Mospd2	MmuINT0100128	chrX	1.61E+08	1.61E+08	-	0.03702
Mospd2	MmuINT0100129	chrX	1.61E+08	1.61E+08	-	0.033314
Mospd2	MmuINT0100131	chrX	1.61E+08	1.61E+08	-	0.0557
Mospd2	MmuINT0100132	chrX	1.61E+08	1.61E+08	-	0.035176
Mospd2	MmuINT0100133	chrX	1.61E+08	1.61E+08	-	0.034078
Mospd2	MmuINT0100134	chrX	1.61E+08	1.61E+08	-	0.050102
Mospd3	MmuINT0100135	chr5	1.38E+08	1.38E+08	-	0.895401
Mospd3	MmuINT0100136	chr5	1.38E+08	1.38E+08	-	0.025383
Mospd3	MmuINT0100137	chr5	1.38E+08	1.38E+08	-	0.014552
Mospd3	MmuINT0100138	chr5	1.38E+08	1.38E+08	-	0.090553
Mospd3	MmuINT0100139	chr5	1.38E+08	1.38E+08	-	0.015512
Mov10	MmuINT0100141	chr3	1.05E+08	1.05E+08	-	0.091591
Mov10	MmuINT0100142	chr3	1.05E+08	1.05E+08	-	0.163905
Mov10	MmuINT0100146	chr3	1.05E+08	1.05E+08	-	0.059389
Mov10	MmuINT0100147	chr3	1.05E+08	1.05E+08	-	0.083859
Mov10	MmuINT0100148	chr3	1.05E+08	1.05E+08	-	0.111371
Mov10	MmuINT0100149	chr3	1.05E+08	1.05E+08	-	0.010311
Mov10	MmuINT0100150	chr3	1.05E+08	1.05E+08	-	0.002485
Mov10	MmuINT0100151	chr3	1.05E+08	1.05E+08	-	0.076273
Mov10	MmuINT0100152	chr3	1.05E+08	1.05E+08	-	0.016103
Mov10	MmuINT0100154	chr3	1.05E+08	1.05E+08	-	0.044683
Mov10	MmuINT0100155	chr3	1.05E+08	1.05E+08	-	0.015734
Mov10	MmuINT0100156	chr3	1.05E+08	1.05E+08	-	0.067111
Mov10	MmuINT0100157	chr3	1.05E+08	1.05E+08	-	0.040552
Mov10	MmuINT0100158	chr3	1.05E+08	1.05E+08	-	0.043981
Mov10l1	MmuINT0100167	chr15	88850870	88851593	+	0.004023
Mov10l1	MmuINT0100168	chr15	88851741	88852430	+	0.001948
Mov10l1	MmuINT0100169	chr15	88852553	88854042	+	0.002666
Mov10l1	MmuINT0100171	chr15	88854143	88855096	+	0.003014
Mov10l1	MmuINT0100172	chr15	88855262	88856892	+	0.002795
Mov10l1	MmuINT0100173	chr15	88857067	88877236	+	0.002906
Mov10l1	MmuINT0100174	chr15	88877387	88883807	+	0.002804
Mov10l1	MmuINT0100175	chr15	88883916	88884656	+	0.002123
Mov10l1	MmuINT0100176	chr15	88884795	88884940	+	0.002877
Mov10l1	MmuINT0100177	chr15	88885061	88885245	+	0.076955
Mpdu1	MmuINT0100218	chr11	69472379	69475970	-	0.1782
Mpdu1	MmuINT0100219	chr11	69472201	69472312	-	0.136726
Mpdu1	MmuINT0100220	chr11	69471524	69472067	-	0.17263
Mpdu1	MmuINT0100221	chr11	69471346	69471437	-	0.171401
Mpdu1	MmuINT0100222	chr11	69471033	69471226	-	0.093159
Mpdu1	MmuINT0100223	chr11	69470831	69470921	-	0.02596
Mpdz	MmuINT0100224	chr4	81067147	81088539	-	0.021921
Mpdz	MmuINT0100225	chr4	81015632	81023867	-	0.010784
Mpdz	MmuINT0100227	chr4	81011920	81014589	-	0.016784
Mpdz	MmuINT0100228	chr4	81010045	81011812	-	0.014059
Mpdz	MmuINT0100229	chr4	81009095	81009897	-	0.008464
Mpdz	MmuINT0100230	chr4	81007406	81008929	-	0.009394
Mpdz	MmuINT0100231	chr4	81006118	81007219	-	0.008628

Mpdz	MmuINT0100232	chr4	81004647	81005907	-	0.020687
Mpdz	MmuINT0100233	chr4	81002402	81004529	-	0.019101
Mpdz	MmuINT0100234	chr4	80995182	81002233	-	0.009147
Mpdz	MmuINT0100235	chr4	81064943	81067076	-	0.014409
Mpdz	MmuINT0100236	chr4	80994649	80994905	-	0.012647
Mpdz	MmuINT0100237	chr4	80981779	80994533	-	0.010787
Mpdz	MmuINT0100238	chr4	80975436	80981579	-	0.013588
Mpdz	MmuINT0100239	chr4	80972862	80975330	-	0.008508
Mpdz	MmuINT0100240	chr4	80966428	80972768	-	0.009102
Mpdz	MmuINT0100241	chr4	80963609	80966249	-	0.024198
Mpdz	MmuINT0100244	chr4	80954331	80956060	-	0.007448
Mpdz	MmuINT0100245	chr4	80953094	80954133	-	0.013733
Mpdz	MmuINT0100246	chr4	81032383	81064775	-	0.011518
Mpdz	MmuINT0100247	chr4	80952795	80953001	-	0.01441
Mpdz	MmuINT0100248	chr4	80949578	80952703	-	0.01205
Mpdz	MmuINT0100249	chr4	80943459	80949496	-	0.010436
Mpdz	MmuINT0100250	chr4	80943266	80943365	-	0.014708
Mpdz	MmuINT0100251	chr4	80941489	80943190	-	0.012538
Mpdz	MmuINT0100252	chr4	80939530	80941322	-	0.006177
Mpdz	MmuINT0100253	chr4	80938749	80939383	-	0.009696
Mpdz	MmuINT0100254	chr4	80938517	80938664	-	0.008949
Mpdz	MmuINT0100255	chr4	80936283	80938322	-	0.006269
Mpdz	MmuINT0100256	chr4	80933651	80936134	-	0.043704
Mpdz	MmuINT0100257	chr4	81031208	81032169	-	0.012751
Mpdz	MmuINT0100258	chr4	80932363	80933563	-	0.014167
Mpdz	MmuINT0100259	chr4	80931411	80932271	-	0.023986
Mpdz	MmuINT0100260	chr4	80930604	80931366	-	0.025532
Mpdz	MmuINT0100261	chr4	80929342	80930480	-	0.018734
Mpdz	MmuINT0100262	chr4	80928674	80929236	-	0.009738
Mpdz	MmuINT0100263	chr4	80927729	80928560	-	0.005521
Mpdz	MmuINT0100264	chr4	80925674	80927604	-	0.008898
Mpdz	MmuINT0100265	chr4	81029877	81031067	-	0.009328
Mpdz	MmuINT0100266	chr4	81029341	81029662	-	0.008235
Mpdz	MmuINT0100267	chr4	81027785	81029211	-	0.009543
Mpdz	MmuINT0100268	chr4	81024376	81027574	-	0.014677
Mpdz	MmuINT0100269	chr4	81023957	81024260	-	0.014341
Mpg	MmuINT0100271	chr11	32126718	32127751	+	0.153472
Mpg	MmuINT0100272	chr11	32127950	32129848	+	0.123712
Mpg	MmuINT0100273	chr11	32130054	32131573	+	0.08806
Mphosph10	MmuINT0100274	chr7	71535018	71536991	-	0.016005
Mphosph10	MmuINT0100275	chr7	71521691	71522053	-	0.024039
Mphosph10	MmuINT0100277	chr7	71532504	71533751	-	0.014697
Mphosph10	MmuINT0100278	chr7	71530707	71532334	-	0.014995
Mphosph10	MmuINT0100279	chr7	71529256	71530564	-	0.048605
Mphosph10	MmuINT0100280	chr7	71527915	71529187	-	0.021166
Mphosph10	MmuINT0100281	chr7	71525927	71527776	-	0.033834
Mphosph10	MmuINT0100282	chr7	71523732	71525815	-	0.014177
Mphosph10	MmuINT0100283	chr7	71522282	71523623	-	0.014766
Mphosph6	MmuINT0100286	chr8	1.2E+08	1.2E+08	-	0.110799
Mphosph6	MmuINT0100287	chr8	1.2E+08	1.2E+08	-	0.007424

Mphosph8	MmuINT0100288	chr14	57287402	57291241	+	0.037608
Mphosph8	MmuINT0100289	chr14	57309899	57312260	+	0.025264
Mphosph8	MmuINT0100290	chr14	57312416	57314457	+	0.020114
Mphosph8	MmuINT0100291	chr14	57314586	57315495	+	0.088055
Mphosph8	MmuINT0100292	chr14	57315580	57315967	+	0.132435
Mphosph8	MmuINT0100293	chr14	57291398	57292727	+	0.008041
Mphosph8	MmuINT0100294	chr14	57293577	57295358	+	0.0791
Mphosph8	MmuINT0100295	chr14	57295456	57297400	+	0.013528
Mphosph8	MmuINT0100296	chr14	57297656	57303794	+	0.009424
Mphosph8	MmuINT0100297	chr14	57303921	57303998	+	0.013042
Mphosph8	MmuINT0100298	chr14	57304088	57307201	+	0.011701
Mphosph8	MmuINT0100299	chr14	57307343	57307865	+	0.022888
Mphosph8	MmuINT0100300	chr14	57307953	57309743	+	0.05152
Mphosph9	MmuINT0100311	chr5	1.25E+08	1.25E+08	-	0.056997
Mpi	MmuINT0100322	chr9	57400082	57400510	-	0.007314
Mpi	MmuINT0100323	chr9	57398581	57399953	-	0.001823
Mpi	MmuINT0100324	chr9	57396986	57398379	-	0.024856
Mpi	MmuINT0100325	chr9	57396518	57396843	-	0.018084
Mpi	MmuINT0100326	chr9	57394375	57396334	-	0.028771
Mpi	MmuINT0100327	chr9	57393211	57394200	-	0.008449
Mpi	MmuINT0100328	chr9	57392746	57393001	-	0.001359
Mpnd	MmuINT0100340	chr17	56148680	56148752	+	0.021325
Mpnd	MmuINT0100341	chr17	56154702	56154893	+	0.00302
Mpnd	MmuINT0100342	chr17	56154984	56155326	+	0.003094
Mpnd	MmuINT0100343	chr17	56155420	56155938	+	0.003058
Mpnd	MmuINT0100344	chr17	56149010	56149699	+	0.011671
Mpnd	MmuINT0100345	chr17	56149937	56150410	+	0.002285
Mpnd	MmuINT0100346	chr17	56150535	56151040	+	0.004349
Mpnd	MmuINT0100347	chr17	56151123	56151288	+	0.010466
Mpnd	MmuINT0100348	chr17	56151386	56151693	+	0.012306
Mpnd	MmuINT0100349	chr17	56151767	56151838	+	0.024345
Mpnd	MmuINT0100350	chr17	56151916	56154363	+	0.007684
Mpnd	MmuINT0100351	chr17	56154533	56154630	+	0.004216
Mpp1	MmuINT0100365	chrX	72371220	72376063	-	0.019643
Mpp1	MmuINT0100366	chrX	72357341	72357537	-	0.057037
Mpp1	MmuINT0100367	chrX	72356183	72357265	-	0.085128
Mpp1	MmuINT0100368	chrX	72370789	72371075	-	0.035184
Mpp1	MmuINT0100369	chrX	72369321	72370709	-	0.081228
Mpp1	MmuINT0100370	chrX	72366843	72369234	-	0.058206
Mpp1	MmuINT0100371	chrX	72363292	72366773	-	0.031216
Mpp1	MmuINT0100372	chrX	72361502	72363094	-	0.032197
Mpp1	MmuINT0100373	chrX	72359654	72361394	-	0.066884
Mpp1	MmuINT0100374	chrX	72359006	72359572	-	0.203381
Mpp1	MmuINT0100375	chrX	72357741	72358924	-	0.161869
Mpp3	MmuINT0100397	chr11	1.02E+08	1.02E+08	-	0.088705
Mpp5	MmuINT0100429	chr12	79926916	79927247	+	0.028733
Mpp5	MmuINT0100430	chr12	79927320	79930639	+	0.067386
Mpp5	MmuINT0100431	chr12	79930808	79931839	+	0.013
Mpp5	MmuINT0100432	chr12	79932043	79933351	+	0.017796
Mpp5	MmuINT0100433	chr12	79933463	79938444	+	0.03055



Mpp5	MmuINT0100434	chr12	79895321	79897852	+	0.025996
Mpp5	MmuINT0100435	chr12	79898378	79910738	+	0.01912
Mpp5	MmuINT0100436	chr12	79910948	79918227	+	0.022132
Mpp5	MmuINT0100437	chr12	79918306	79918611	+	0.017228
Mpp5	MmuINT0100438	chr12	79918759	79920190	+	0.01847
Mpp5	MmuINT0100439	chr12	79920353	79921794	+	0.023692
Mpp5	MmuINT0100440	chr12	79921873	79925675	+	0.020006
Mpp5	MmuINT0100441	chr12	79925860	79926843	+	0.018504
Mpp6	MmuINT0100444	chr6	50060464	50093717	+	0.024065
Mpp6	MmuINT0100445	chr6	50133871	50144524	+	0.003338
Mpp6	MmuINT0100446	chr6	50144728	50146512	+	0.002967
Mpp6	MmuINT0100447	chr6	50146642	50148152	+	0.0035
Mpp6	MmuINT0100448	chr6	50093784	50095772	+	0.010673
Mpp6	MmuINT0100449	chr6	50095892	50108680	+	0.006194
Mpp6	MmuINT0100450	chr6	50108834	50112584	+	0.003681
Mpp6	MmuINT0100451	chr6	50112735	50113420	+	0.003779
Mpp6	MmuINT0100453	chr6	50128520	50130174	+	0.002899
Mpp6	MmuINT0100454	chr6	50130275	50130589	+	0.003682
Mpp6	MmuINT0100455	chr6	50130659	50133708	+	0.003145
Mpp7	MmuINT0100456	chr18	7561871	7626730	-	0.791263
Mpp7	MmuINT0100458	chr18	7403355	7439566	-	0.058964
Mpp7	MmuINT0100461	chr18	7353296	7355015	-	0.060541
Mpp7	MmuINT0100462	chr18	7351143	7353151	-	0.039427
Mpp7	MmuINT0100463	chr18	7513061	7561723	-	0.039363
Mpp7	MmuINT0100466	chr18	7444104	7458929	-	0.064976
Mpp7	MmuINT0100467	chr18	7442873	7443971	-	0.054704
Mpp7	MmuINT0100468	chr18	7441637	7442790	-	0.053226
Mpp7	MmuINT0100469	chr18	7440505	7441550	-	0.043257
Mpp7	MmuINT0100470	chr18	7440278	7440429	-	0.051622
Mppe1	MmuINT0100471	chr18	67403702	67405035	-	0.035066
Mppe1	MmuINT0100472	chr18	67385539	67386436	-	0.017786
Mppe1	MmuINT0100473	chr18	67397387	67403617	-	0.011909
Mppe1	MmuINT0100474	chr18	67393364	67397003	-	0.011405
Mppe1	MmuINT0100478	chr18	67387533	67387666	-	0.13308
Mppe1	MmuINT0100479	chr18	67387374	67387457	-	0.019071
Mpped2	MmuINT0100489	chr2	1.07E+08	1.07E+08	+	0.012667
Mprip	MmuINT0100497	chr11	59557330	59558253	+	0.008916
Mprip	MmuINT0100498	chr11	59558323	59562048	+	0.0049
Mprip	MmuINT0100499	chr11	59562139	59563020	+	0.002397
Mprip	MmuINT0100500	chr11	59563131	59565991	+	0.001593
Mprip	MmuINT0100501	chr11	59566563	59568494	+	0.002705
Mprip	MmuINT0100502	chr11	59568612	59577881	+	0.002175
Mprip	MmuINT0100503	chr11	59578030	59578909	+	0.001905
Mprip	MmuINT0100504	chr11	59579028	59580229	+	0.00284
Mprip	MmuINT0100505	chr11	59580390	59581456	+	0.007732
Mprip	MmuINT0100506	chr11	59581577	59582714	+	0.008495
Mprip	MmuINT0100508	chr11	59582802	59583385	+	0.00189
Mprip	MmuINT0100509	chr11	59583549	59585118	+	0.005088
Mprip	MmuINT0100510	chr11	59585205	59589017	+	0.227509
Mprip	MmuINT0100516	chr11	59554764	59555492	+	0.003256

Mprip	MmuINT0100517	chr11	59555601	59557272	+	0.004942
Mpst	MmuINT0100518	chr15	78237294	78240472	+	0.30322
Mpst	MmuINT0100519	chr15	78241095	78243808	+	0.006886
Mpv17	MmuINT0100522	chr5	31456116	31456563	-	0.009994
Mpv17	MmuINT0100523	chr5	31448462	31456040	-	0.00936
Mpv17	MmuINT0100524	chr5	31448150	31448345	-	0.006889
Mpv17	MmuINT0100525	chr5	31447964	31448056	-	0.004639
Mpv17	MmuINT0100526	chr5	31447652	31447867	-	0.025996
Mpv17	MmuINT0100527	chr5	31447126	31447618	-	0.029649
Mpv17	MmuINT0100528	chr5	31444224	31447072	-	0.034736
Mpv17l2	MmuINT0100532	chr8	73284438	73284618	-	0.012496
Mpv17l2	MmuINT0100533	chr8	73283367	73284266	-	0.074681
Mpv17l2	MmuINT0100534	chr8	73283137	73283289	-	0.01472
Mpv17l2	MmuINT0100535	chr8	73282924	73283007	-	0.019663
Mpzl1	MmuINT0100544	chr1	1.68E+08	1.68E+08	-	0.036329
Mpzl1	MmuINT0100545	chr1	1.68E+08	1.68E+08	-	0.019454
Mpzl1	MmuINT0100546	chr1	1.68E+08	1.68E+08	-	0.026015
Mpzl1	MmuINT0100547	chr1	1.68E+08	1.68E+08	-	0.089449
Mpzl1	MmuINT0100548	chr1	1.68E+08	1.68E+08	-	0.10301
Mr1	MmuINT0100558	chr1	1.57E+08	1.57E+08	-	0.029713
Mr1	MmuINT0100562	chr1	1.57E+08	1.57E+08	-	0.047218
Mrap	MmuINT0100563	chr16	90738915	90747768	+	0.077471
Mrap	MmuINT0100564	chr16	90747869	90749475	+	0.01806
Mras	MmuINT0100571	chr9	99295042	99311811	-	0.022815
Mras	MmuINT0100572	chr9	99293465	99294887	-	0.031816
Mras	MmuINT0100573	chr9	99290232	99293364	-	0.053228
Mras	MmuINT0100574	chr9	99288924	99290151	-	0.033506
Mrc1	MmuINT0100575	chr2	14151201	14159752	+	0.037905
Mrc1	MmuINT0100576	chr2	14198030	14201462	+	0.026393
Mrc1	MmuINT0100577	chr2	14201612	14210613	+	0.021868
Mrc1	MmuINT0100578	chr2	14210814	14214145	+	0.038028
Mrc1	MmuINT0100579	chr2	14214274	14215072	+	0.027087
Mrc1	MmuINT0100580	chr2	14215161	14216426	+	0.039436
Mrc1	MmuINT0100581	chr2	14216572	14225737	+	0.063862
Mrc1	MmuINT0100582	chr2	14225780	14226942	+	0.037128
Mrc1	MmuINT0100583	chr2	14227107	14228090	+	0.038299
Mrc1	MmuINT0100584	chr2	14228159	14229513	+	0.043114
Mrc1	MmuINT0100585	chr2	14229615	14230305	+	0.03498
Mrc1	MmuINT0100586	chr2	14160155	14165744	+	0.030716
Mrc1	MmuINT0100587	chr2	14230449	14231594	+	0.022203
Mrc1	MmuINT0100588	chr2	14231710	14236860	+	0.018782
Mrc1	MmuINT0100589	chr2	14237028	14238468	+	0.028159
Mrc1	MmuINT0100590	chr2	14238572	14240727	+	0.01685
Mrc1	MmuINT0100591	chr2	14240961	14243399	+	0.014225
Mrc1	MmuINT0100592	chr2	14243566	14246854	+	0.018886
Mrc1	MmuINT0100593	chr2	14247005	14249413	+	0.022813
Mrc1	MmuINT0100594	chr2	14249528	14250046	+	0.016425
Mrc1	MmuINT0100595	chr2	14250212	14251509	+	0.022034
Mrc1	MmuINT0100596	chr2	14251552	14252548	+	0.060936
Mrc1	MmuINT0100597	chr2	14165919	14170433	+	0.02373

Mrc1	MmuINT0100598	chr2	14170599	14178630	+	0.033978
Mrc1	MmuINT0100599	chr2	14178745	14182815	+	0.034065
Mrc1	MmuINT0100600	chr2	14182963	14187976	+	0.029367
Mrc1	MmuINT0100601	chr2	14188163	14191765	+	0.028652
Mrc1	MmuINT0100602	chr2	14191924	14192890	+	0.037187
Mrc1	MmuINT0100603	chr2	14193002	14197913	+	0.035102
Mrc2	MmuINT0100604	chr11	1.05E+08	1.05E+08	+	0.07673
Mrc2	MmuINT0100605	chr11	1.05E+08	1.05E+08	+	0.142266
Mrc2	MmuINT0100606	chr11	1.05E+08	1.05E+08	+	0.069566
Mrc2	MmuINT0100607	chr11	1.05E+08	1.05E+08	+	0.070908
Mrc2	MmuINT0100608	chr11	1.05E+08	1.05E+08	+	0.180051
Mrc2	MmuINT0100609	chr11	1.05E+08	1.05E+08	+	0.0438
Mrc2	MmuINT0100610	chr11	1.05E+08	1.05E+08	+	0.069831
Mrc2	MmuINT0100611	chr11	1.05E+08	1.05E+08	+	0.155634
Mrc2	MmuINT0100612	chr11	1.05E+08	1.05E+08	+	0.047065
Mrc2	MmuINT0100613	chr11	1.05E+08	1.05E+08	+	0.047332
Mrc2	MmuINT0100614	chr11	1.05E+08	1.05E+08	+	0.043792
Mrc2	MmuINT0100615	chr11	1.05E+08	1.05E+08	+	0.033904
Mrc2	MmuINT0100616	chr11	1.05E+08	1.05E+08	+	0.040876
Mrc2	MmuINT0100617	chr11	1.05E+08	1.05E+08	+	0.035195
Mrc2	MmuINT0100618	chr11	1.05E+08	1.05E+08	+	0.024374
Mrc2	MmuINT0100619	chr11	1.05E+08	1.05E+08	+	0.084072
Mrc2	MmuINT0100620	chr11	1.05E+08	1.05E+08	+	0.042653
Mrc2	MmuINT0100621	chr11	1.05E+08	1.05E+08	+	0.03253
Mrc2	MmuINT0100622	chr11	1.05E+08	1.05E+08	+	0.029224
Mrc2	MmuINT0100623	chr11	1.05E+08	1.05E+08	+	0.031773
Mrc2	MmuINT0100624	chr11	1.05E+08	1.05E+08	+	0.02975
Mrc2	MmuINT0100625	chr11	1.05E+08	1.05E+08	+	0.025393
Mrc2	MmuINT0100626	chr11	1.05E+08	1.05E+08	+	0.092794
Mrc2	MmuINT0100627	chr11	1.05E+08	1.05E+08	+	0.053637
Mrc2	MmuINT0100629	chr11	1.05E+08	1.05E+08	+	0.058622
Mrc2	MmuINT0100631	chr11	1.05E+08	1.05E+08	+	0.064245
Mrc2	MmuINT0100632	chr11	1.05E+08	1.05E+08	+	0.06528
Mre11a	MmuINT0100633	chr9	14589202	14589874	+	0.11531
Mre11a	MmuINT0100634	chr9	14614329	14616273	+	0.034525
Mre11a	MmuINT0100635	chr9	14616401	14619611	+	0.04141
Mre11a	MmuINT0100636	chr9	14619716	14621239	+	0.026566
Mre11a	MmuINT0100637	chr9	14621414	14623859	+	0.025273
Mre11a	MmuINT0100638	chr9	14623923	14629584	+	0.041635
Mre11a	MmuINT0100639	chr9	14629802	14630978	+	0.045021
Mre11a	MmuINT0100640	chr9	14631060	14633800	+	0.050449
Mre11a	MmuINT0100641	chr9	14633860	14635340	+	0.058742
Mre11a	MmuINT0100642	chr9	14635406	14637084	+	0.043947
Mre11a	MmuINT0100643	chr9	14637161	14638050	+	0.029059
Mre11a	MmuINT0100644	chr9	14589973	14591321	+	0.036282
Mre11a	MmuINT0100645	chr9	14591455	14595016	+	0.037969
Mre11a	MmuINT0100646	chr9	14595178	14600214	+	0.044506
Mre11a	MmuINT0100647	chr9	14600303	14601486	+	0.039476
Mre11a	MmuINT0100648	chr9	14601629	14603999	+	0.029426
Mre11a	MmuINT0100649	chr9	14604115	14607207	+	0.0551

Mre11a	MmuINT0100650	chr9	14607394	14609799	+	0.037119
Mre11a	MmuINT0100651	chr9	14609972	14614247	+	0.031704
Mreg	MmuINT0100652	chr1	72238777	72258590	-	0.008778
Mreg	MmuINT0100653	chr1	72210737	72238616	-	0.005935
Mreg	MmuINT0100654	chr1	72209060	72210645	-	0.006316
Mreg	MmuINT0100655	chr1	72207594	72208895	-	0.006925
Mri1	MmuINT0100672	chr8	86780319	86780788	-	0.01156
Mri1	MmuINT0100673	chr8	86778252	86780142	-	0.082384
Mri1	MmuINT0100674	chr8	86777987	86778074	-	0.050579
Mri1	MmuINT0100675	chr8	86775611	86777761	-	0.089713
Mrm1	MmuINT0100676	chr11	84632196	84632338	-	0.052343
Mrm1	MmuINT0100677	chr11	84628543	84632101	-	0.038211
Mrm1	MmuINT0100678	chr11	84628311	84628409	-	0.01445
Mrm1	MmuINT0100679	chr11	84628014	84628190	-	0.014147
Mrp63	MmuINT0100687	chr14	58445160	58445345	+	0.096886
Mrpl1	MmuINT0100688	chr5	96639213	96642805	+	0.00606
Mrpl1	MmuINT0100689	chr5	96642930	96652789	+	0.003185
Mrpl1	MmuINT0100690	chr5	96653052	96655303	+	0.003913
Mrpl1	MmuINT0100691	chr5	96655388	96656698	+	0.003322
Mrpl1	MmuINT0100692	chr5	96656771	96660699	+	0.004564
Mrpl1	MmuINT0100693	chr5	96660812	96667857	+	0.004111
Mrpl1	MmuINT0100694	chr5	96691163	96693219	+	0.004611
Mrpl10	MmuINT0100695	chr11	96902967	96905841	+	0.051386
Mrpl10	MmuINT0100696	chr11	96906012	96908343	+	0.026539
Mrpl10	MmuINT0100697	chr11	96908509	96908726	+	0.002227
Mrpl10	MmuINT0100698	chr11	96908872	96909392	+	0.014727
Mrpl11	MmuINT0100699	chr19	4962516	4962878	+	0.001828
Mrpl11	MmuINT0100700	chr19	4962975	4963325	+	0.001604
Mrpl11	MmuINT0100701	chr19	4963420	4963505	+	0.001955
Mrpl11	MmuINT0100702	chr19	4963666	4964673	+	0.030034
Mrpl12	MmuINT0100703	chr11	1.2E+08	1.2E+08	+	0.000914
Mrpl13	MmuINT0100707	chr15	55386999	55388812	-	0.002162
Mrpl13	MmuINT0100708	chr15	55379791	55386874	-	0.001587
Mrpl13	MmuINT0100709	chr15	55374940	55379696	-	0.003054
Mrpl13	MmuINT0100710	chr15	55371765	55374878	-	0.002
Mrpl13	MmuINT0100711	chr15	55370707	55371677	-	0.001467
Mrpl13	MmuINT0100712	chr15	55365893	55370584	-	0.004143
Mrpl14	MmuINT0100713	chr17	45823377	45832430	+	0.021146
Mrpl14	MmuINT0100714	chr17	45832522	45834996	+	0.00301
Mrpl15	MmuINT0100715	chr1	4774187	4775653	-	0.002066
Mrpl15	MmuINT0100716	chr1	4772815	4774031	-	0.001145
Mrpl15	MmuINT0100718	chr1	4766883	4767605	-	0.003346
Mrpl16	MmuINT0100720	chr19	11845015	11845291	+	0.001531
Mrpl16	MmuINT0100721	chr19	11845358	11847364	+	0.003766
Mrpl16	MmuINT0100722	chr19	11847514	11848637	+	0.003864
Mrpl17	MmuINT0100723	chr7	1.13E+08	1.13E+08	-	0.001924
Mrpl17	MmuINT0100724	chr7	1.13E+08	1.13E+08	-	0.003941
Mrpl18	MmuINT0100726	chr17	13106868	13108503	-	0.001154
Mrpl19	MmuINT0100728	chr6	81914352	81915700	-	0.0059
Mrpl19	MmuINT0100729	chr6	81914063	81914232	-	0.005875

Mrpl19	MmuINT0100730	chr6	81912492	81913927	-	0.003728
Mrpl19	MmuINT0100731	chr6	81912157	81912309	-	0.01594
Mrpl2	MmuINT0100732	chr17	46783348	46784338	+	0.001292
Mrpl2	MmuINT0100733	chr17	46784508	46785185	+	0.00745
Mrpl2	MmuINT0100734	chr17	46785328	46785420	+	0.009635
Mrpl2	MmuINT0100735	chr17	46785537	46785607	+	0.002831
Mrpl2	MmuINT0100736	chr17	46785719	46785983	+	0.010042
Mrpl2	MmuINT0100737	chr17	46786058	46786832	+	0.008634
Mrpl20	MmuINT0100738	chr4	1.55E+08	1.55E+08	+	0.00429
Mrpl20	MmuINT0100739	chr4	1.55E+08	1.55E+08	+	0.008364
Mrpl20	MmuINT0100740	chr4	1.55E+08	1.55E+08	+	0.007384
Mrpl21	MmuINT0100741	chr19	3283172	3284759	+	0.000201
Mrpl21	MmuINT0100742	chr19	3284818	3285309	+	0.006877
Mrpl21	MmuINT0100743	chr19	3285396	3286874	+	0.0012
Mrpl22	MmuINT0100747	chr11	57985216	57985295	+	0.03402
Mrpl22	MmuINT0100748	chr11	57985345	57986534	+	0.006119
Mrpl23	MmuINT0100753	chr7	1.5E+08	1.5E+08	+	0.00172
Mrpl24	MmuINT0100757	chr3	87723628	87725738	+	0.400949
Mrpl24	MmuINT0100758	chr3	87725971	87726052	+	0.021133
Mrpl24	MmuINT0100759	chr3	87726149	87726309	+	0.003854
Mrpl24	MmuINT0100760	chr3	87726988	87727131	+	0.032471
Mrpl28	MmuINT0100764	chr17	26260795	26261500	+	0.00259
Mrpl28	MmuINT0100765	chr17	26261654	26262201	+	0.007736
Mrpl28	MmuINT0100766	chr17	26262337	26262422	+	0.003859
Mrpl28	MmuINT0100767	chr17	26262510	26263215	+	0.002092
Mrpl3	MmuINT0100768	chr9	1.05E+08	1.05E+08	+	0.003946
Mrpl3	MmuINT0100769	chr9	1.05E+08	1.05E+08	+	0.002097
Mrpl3	MmuINT0100770	chr9	1.05E+08	1.05E+08	+	0.001617
Mrpl3	MmuINT0100771	chr9	1.05E+08	1.05E+08	+	0.002272
Mrpl3	MmuINT0100772	chr9	1.05E+08	1.05E+08	+	0.004336
Mrpl3	MmuINT0100773	chr9	1.05E+08	1.05E+08	+	0.047418
Mrpl3	MmuINT0100774	chr9	1.05E+08	1.05E+08	+	0.006638
Mrpl3	MmuINT0100775	chr9	1.05E+08	1.05E+08	+	0.004124
Mrpl3	MmuINT0100776	chr9	1.05E+08	1.05E+08	+	0.015235
Mrpl30	MmuINT0100777	chr1	37947430	37949787	+	0.012486
Mrpl30	MmuINT0100778	chr1	37949869	37950783	+	0.001537
Mrpl30	MmuINT0100779	chr1	37950861	37952174	+	0.000838
Mrpl32	MmuINT0100782	chr13	14703872	14705158	-	0.014214
Mrpl33	MmuINT0100784	chr5	31916396	31916975	+	0.020976
Mrpl33	MmuINT0100785	chr5	31916995	31918753	+	0.009089
Mrpl33	MmuINT0100786	chr5	31918861	31924749	+	0.003362
Mrpl34	MmuINT0100787	chr8	73988967	73989148	+	0.006617
Mrpl35	MmuINT0100788	chr6	71768853	71773709	-	0.004639
Mrpl35	MmuINT0100789	chr6	71767744	71768662	-	0.003233
Mrpl35	MmuINT0100790	chr6	71766282	71767598	-	0.018794
Mrpl36	MmuINT0100791	chr13	73468540	73468807	+	0.004606
Mrpl37	MmuINT0100792	chr4	1.07E+08	1.07E+08	-	0.039872
Mrpl37	MmuINT0100793	chr4	1.07E+08	1.07E+08	-	0.004653
Mrpl37	MmuINT0100794	chr4	1.07E+08	1.07E+08	-	0.024282
Mrpl37	MmuINT0100795	chr4	1.07E+08	1.07E+08	-	0.007531

Mrpl37	MmuINT0100796	chr4	1.07E+08	1.07E+08	-	0.021804
Mrpl37	MmuINT0100797	chr4	1.07E+08	1.07E+08	-	0.011153
Mrpl38	MmuINT0100798	chr11	1.16E+08	1.16E+08	-	0.008995
Mrpl38	MmuINT0100799	chr11	1.16E+08	1.16E+08	-	0.018451
Mrpl38	MmuINT0100800	chr11	1.16E+08	1.16E+08	-	0.019034
Mrpl38	MmuINT0100801	chr11	1.16E+08	1.16E+08	-	0.030505
Mrpl38	MmuINT0100802	chr11	1.16E+08	1.16E+08	-	0.006491
Mrpl38	MmuINT0100803	chr11	1.16E+08	1.16E+08	-	0.019151
Mrpl38	MmuINT0100804	chr11	1.16E+08	1.16E+08	-	0.013489
Mrpl38	MmuINT0100805	chr11	1.16E+08	1.16E+08	-	0.004956
Mrpl39	MmuINT0100806	chr16	84734859	84735398	-	0.007909
Mrpl39	MmuINT0100807	chr16	84732727	84734651	-	0.012588
Mrpl39	MmuINT0100808	chr16	84731173	84732586	-	0.003325
Mrpl39	MmuINT0100809	chr16	84730732	84731072	-	0.003514
Mrpl39	MmuINT0100810	chr16	84727842	84730663	-	0.017128
Mrpl39	MmuINT0100811	chr16	84725436	84727728	-	0.002913
Mrpl39	MmuINT0100812	chr16	84724237	84725369	-	0.001657
Mrpl39	MmuINT0100813	chr16	84720563	84724082	-	0.006391
Mrpl39	MmuINT0100814	chr16	84718630	84720514	-	0.041201
Mrpl4	MmuINT0100815	chr9	20807442	20807527	+	0.002581
Mrpl4	MmuINT0100817	chr9	20807849	20810577	+	0.006038
Mrpl4	MmuINT0100818	chr9	20810630	20811270	+	0.005633
Mrpl4	MmuINT0100819	chr9	20811389	20811877	+	0.06866
Mrpl4	MmuINT0100820	chr9	20811985	20812074	+	0.011434
Mrpl4	MmuINT0100821	chr9	20812185	20812266	+	0.029774
Mrpl40	MmuINT0100823	chr16	18875501	18876563	-	0.026903
Mrpl40	MmuINT0100824	chr16	18873789	18875416	-	0.005783
Mrpl40	MmuINT0100825	chr16	18872756	18873629	-	0.00588
Mrpl41	MmuINT0100826	chr2	24830202	24830407	-	0.014603
Mrpl42	MmuINT0100831	chr10	94943612	94952879	-	0.000173
Mrpl43	MmuINT0100832	chr19	45080660	45080753	-	0.016607
Mrpl43	MmuINT0100833	chr19	45080431	45080552	-	0.021633
Mrpl44	MmuINT0100834	chr1	79772887	79774432	+	0.003014
Mrpl44	MmuINT0100835	chr1	79774902	79776062	+	0.00626
Mrpl44	MmuINT0100836	chr1	79776242	79777538	+	0.005112
Mrpl45	MmuINT0100837	chr11	97177254	97178060	+	0.001789
Mrpl45	MmuINT0100838	chr11	97178239	97182756	+	0.000184
Mrpl45	MmuINT0100839	chr11	97182875	97185164	+	0.004585
Mrpl45	MmuINT0100840	chr11	97185264	97187022	+	0.001962
Mrpl45	MmuINT0100841	chr11	97187072	97188095	+	0.001587
Mrpl45	MmuINT0100842	chr11	97188246	97189399	+	0.004081
Mrpl45	MmuINT0100843	chr11	97189574	97189795	+	0.000448
Mrpl46	MmuINT0100844	chr7	85926473	85927692	-	0.003933
Mrpl46	MmuINT0100845	chr7	85925498	85926285	-	0.002113
Mrpl46	MmuINT0100846	chr7	85920612	85925323	-	0.005413
Mrpl47	MmuINT0100847	chr3	32633182	32635563	-	0.007063
Mrpl47	MmuINT0100849	chr3	32630179	32632510	-	0.028076
Mrpl47	MmuINT0100850	chr3	32629134	32630081	-	0.010457
Mrpl47	MmuINT0100851	chr3	32627450	32629002	-	0.006935
Mrpl47	MmuINT0100852	chr3	32626640	32627353	-	0.009731

Mrpl48	MmuINT0100857	chr7	1.08E+08	1.08E+08	-	0.00248
Mrpl49	MmuINT0100860	chr19	6057080	6057658	-	0.005657
Mrpl49	MmuINT0100861	chr19	6055201	6056928	-	0.004895
Mrpl50	MmuINT0100863	chr4	49527450	49533833	-	0.002366
Mrpl51	MmuINT0100864	chr6	1.25E+08	1.25E+08	+	0.000323
Mrpl52	MmuINT0100866	chr14	55045798	55045870	+	0.038363
Mrpl52	MmuINT0100867	chr14	55045929	55046007	+	0.036022
Mrpl52	MmuINT0100868	chr14	55046076	55047420	+	0.006655
Mrpl52	MmuINT0100869	chr14	55047486	55048418	+	0.014552
Mrpl53	MmuINT0100870	chr6	83059198	83059307	+	0.014028
Mrpl53	MmuINT0100871	chr6	83059421	83059515	+	0.015973
Mrpl54	MmuINT0100872	chr10	80728553	80729517	-	0.002111
Mrpl54	MmuINT0100873	chr10	80727743	80728395	-	0.004576
Mrpl55	MmuINT0100874	chr11	59016162	59017676	+	0.171625
Mrpl55	MmuINT0100875	chr11	59017758	59018057	+	0.096719
Mrpl55	MmuINT0100876	chr11	59018260	59019150	+	0.003823
Mrpl9	MmuINT0100877	chr3	94247417	94247580	+	0.001776
Mrpl9	MmuINT0100878	chr3	94247738	94248508	+	0.009437
Mrpl9	MmuINT0100879	chr3	94248634	94248822	+	0.011415
Mrpl9	MmuINT0100880	chr3	94248874	94250557	+	0.009152
Mrpl9	MmuINT0100881	chr3	94250660	94251181	+	0.007597
Mrpl9	MmuINT0100882	chr3	94251266	94251707	+	0.005794
Mrps10	MmuINT0100883	chr17	47505904	47509375	+	0.054598
Mrps11	MmuINT0100890	chr7	85928310	85928458	+	0.005112
Mrps11	MmuINT0100891	chr7	85928567	85933560	+	0.006409
Mrps11	MmuINT0100892	chr7	85933660	85935522	+	0.012336
Mrps11	MmuINT0100893	chr7	85935653	85936759	+	0.035473
Mrps11	MmuINT0100894	chr7	85936826	85937527	+	0.037517
Mrps12	MmuINT0100895	chr7	29526574	29526783	-	0.010655
Mrps12	MmuINT0100896	chr7	29525259	29526505	-	0.004809
Mrps14	MmuINT0100897	chr1	1.62E+08	1.62E+08	+	0.001509
Mrps15	MmuINT0100899	chr4	1.26E+08	1.26E+08	+	0.01077
Mrps15	MmuINT0100900	chr4	1.26E+08	1.26E+08	+	0.002769
Mrps15	MmuINT0100901	chr4	1.26E+08	1.26E+08	+	0.002832
Mrps15	MmuINT0100902	chr4	1.26E+08	1.26E+08	+	0.014102
Mrps15	MmuINT0100903	chr4	1.26E+08	1.26E+08	+	0.015261
Mrps15	MmuINT0100904	chr4	1.26E+08	1.26E+08	+	0.016004
Mrps15	MmuINT0100905	chr4	1.26E+08	1.26E+08	+	0.002567
Mrps16	MmuINT0100906	chr14	21211376	21212702	-	0.004619
Mrps16	MmuINT0100907	chr14	21210683	21211114	-	0.000894
Mrps17	MmuINT0100908	chr5	1.3E+08	1.3E+08	+	0.007475
Mrps17	MmuINT0100909	chr5	1.3E+08	1.3E+08	+	0.87297
Mrps17	MmuINT0100910	chr5	1.3E+08	1.3E+08	+	0.003449
Mrps18a	MmuINT0100911	chr17	46248079	46254888	+	0.001819
Mrps18a	MmuINT0100912	chr17	46254921	46259672	+	0.00778
Mrps18a	MmuINT0100913	chr17	46259781	46262238	+	0.027746
Mrps18a	MmuINT0100914	chr17	46262363	46262591	+	0.012361
Mrps18a	MmuINT0100915	chr17	46262662	46265453	+	0.0117
Mrps18b	MmuINT0100916	chr17	36051750	36053236	-	0.023406
Mrps18b	MmuINT0100917	chr17	36051535	36051640	-	0.024877

Mrps18b	MmuINT0100918	chr17	36051348	36051436	-	0.009431
Mrps18b	MmuINT0100919	chr17	36049350	36051278	-	0.081914
Mrps18c	MmuINT0100922	chr5	1.01E+08	1.01E+08	+	0.004954
Mrps18c	MmuINT0100923	chr5	1.01E+08	1.01E+08	+	0.007305
Mrps18c	MmuINT0100925	chr5	1.01E+08	1.01E+08	+	0.005502
Mrps2	MmuINT0100927	chr2	28323663	28323762	+	0.016699
Mrps2	MmuINT0100928	chr2	28324471	28324942	+	0.008354
Mrps21	MmuINT0100930	chr3	95666856	95674416	-	0.001536
Mrps22	MmuINT0100931	chr9	98498718	98501891	-	0.005379
Mrps22	MmuINT0100932	chr9	98497404	98498553	-	0.004193
Mrps22	MmuINT0100933	chr9	98495233	98497238	-	0.00703
Mrps22	MmuINT0100934	chr9	98494576	98495088	-	0.01661
Mrps22	MmuINT0100935	chr9	98493120	98494491	-	0.012858
Mrps22	MmuINT0100936	chr9	98490563	98492973	-	0.022841
Mrps22	MmuINT0100937	chr9	98489346	98490453	-	0.0163
Mrps23	MmuINT0100938	chr11	88017988	88018690	+	0.017873
Mrps23	MmuINT0100939	chr11	88018862	88023354	+	0.005614
Mrps23	MmuINT0100940	chr11	88023433	88023605	+	0.002754
Mrps23	MmuINT0100941	chr11	88023733	88024151	+	0.00285
Mrps24	MmuINT0100942	chr11	5607559	5607626	-	0.012171
Mrps24	MmuINT0100943	chr11	5607413	5607489	-	0.037286
Mrps24	MmuINT0100944	chr11	5604736	5607300	-	0.008264
Mrps25	MmuINT0100945	chr6	92128811	92133833	-	0.002947
Mrps25	MmuINT0100946	chr6	92125791	92128703	-	0.007169
Mrps25	MmuINT0100947	chr6	92125203	92125702	-	0.003811
Mrps26	MmuINT0100948	chr2	1.3E+08	1.3E+08	+	0.00545
Mrps26	MmuINT0100950	chr2	1.3E+08	1.3E+08	+	0.003827
Mrps27	MmuINT0100951	chr13	1E+08	1E+08	+	0.005329
Mrps27	MmuINT0100952	chr13	1E+08	1E+08	+	0.006068
Mrps27	MmuINT0100953	chr13	1E+08	1E+08	+	0.005508
Mrps27	MmuINT0100954	chr13	1E+08	1E+08	+	0.005242
Mrps27	MmuINT0100955	chr13	1E+08	1E+08	+	0.015194
Mrps27	MmuINT0100956	chr13	1E+08	1E+08	+	0.011762
Mrps27	MmuINT0100957	chr13	1E+08	1E+08	+	0.015841
Mrps28	MmuINT0100958	chr3	8900168	8923586	-	0.00314
Mrps28	MmuINT0100959	chr3	8802415	8899985	-	0.001031
Mrps30	MmuINT0100960	chr13	1.19E+08	1.19E+08	-	0.008959
Mrps30	MmuINT0100961	chr13	1.19E+08	1.19E+08	-	0.004254
Mrps30	MmuINT0100962	chr13	1.19E+08	1.19E+08	-	0.002167
Mrps30	MmuINT0100963	chr13	1.19E+08	1.19E+08	-	0.007573
Mrps31	MmuINT0100964	chr8	23522057	23525187	+	0.004245
Mrps31	MmuINT0100965	chr8	23525476	23530198	+	0.001759
Mrps31	MmuINT0100966	chr8	23530358	23531781	+	0.005615
Mrps31	MmuINT0100967	chr8	23531923	23534818	+	0.002998
Mrps31	MmuINT0100968	chr8	23534893	23538219	+	0.008237
Mrps31	MmuINT0100969	chr8	23538364	23539652	+	0.003202
Mrps34	MmuINT0100971	chr17	25032434	25032606	+	0.044687
Mrps34	MmuINT0100972	chr17	25032650	25032732	+	0.017976
Mrps35	MmuINT0100973	chr6	1.47E+08	1.47E+08	+	0.013319
Mrps35	MmuINT0100974	chr6	1.47E+08	1.47E+08	+	0.002894



Mrps35	MmuINT0100975	chr6	1.47E+08	1.47E+08	+	0.002065
Mrps35	MmuINT0100976	chr6	1.47E+08	1.47E+08	+	0.005877
Mrps35	MmuINT0100977	chr6	1.47E+08	1.47E+08	+	0.00124
Mrps35	MmuINT0100978	chr6	1.47E+08	1.47E+08	+	0.003397
Mrps35	MmuINT0100979	chr6	1.47E+08	1.47E+08	+	0.001623
Mrps5	MmuINT0100983	chr2	1.27E+08	1.27E+08	+	0.008141
Mrps5	MmuINT0100986	chr2	1.27E+08	1.27E+08	+	0.004165
Mrps5	MmuINT0100988	chr2	1.27E+08	1.27E+08	+	0.00161
Mrps5	MmuINT0100991	chr2	1.27E+08	1.27E+08	+	0.019809
Mrps5	MmuINT0100992	chr2	1.27E+08	1.27E+08	+	0.005015
Mrps5	MmuINT0100993	chr2	1.27E+08	1.27E+08	+	0.006432
Mrps6	MmuINT0100994	chr16	92058726	92099838	+	0.00554
Mrps6	MmuINT0100995	chr16	92099979	92111977	+	0.004517
Mrps7	MmuINT0100996	chr11	1.15E+08	1.15E+08	+	0.012548
Mrps7	MmuINT0100997	chr11	1.15E+08	1.15E+08	+	0.010187
Mrps7	MmuINT0100998	chr11	1.15E+08	1.15E+08	+	0.013649
Mrps7	MmuINT0100999	chr11	1.15E+08	1.15E+08	+	0.006977
Mrps9	MmuINT0101000	chr1	42908272	42919313	+	0.001526
Mrps9	MmuINT0101001	chr1	42960310	42962249	+	0.002611
Mrps9	MmuINT0101002	chr1	42919494	42936599	+	0.002606
Mrps9	MmuINT0101003	chr1	42936663	42936740	+	0.002432
Mrps9	MmuINT0101004	chr1	42936772	42944551	+	0.004644
Mrps9	MmuINT0101005	chr1	42944632	42952194	+	0.010666
Mrps9	MmuINT0101006	chr1	42952263	42952937	+	0.008429
Mrps9	MmuINT0101007	chr1	42953014	42955284	+	0.005786
Mrps9	MmuINT0101008	chr1	42955454	42956285	+	0.006707
Mrps9	MmuINT0101009	chr1	42956395	42960139	+	0.017427
Mrrf	MmuINT0101010	chr2	35992220	35996965	+	0.016105
Mrrf	MmuINT0101013	chr2	36009232	36015118	+	0.001024
Mrrf	MmuINT0101015	chr2	36032795	36044594	+	0.001059
Mrs2	MmuINT0101016	chr13	25110463	25111950	-	0.015432
Mrs2	MmuINT0101017	chr13	25085058	25085538	-	0.082729
Mrs2	MmuINT0101018	chr13	25098345	25110388	-	0.009874
Mrs2	MmuINT0101019	chr13	25096925	25098307	-	0.009401
Mrs2	MmuINT0101020	chr13	25093670	25096811	-	0.016124
Mrs2	MmuINT0101021	chr13	25090925	25093495	-	0.018737
Mrs2	MmuINT0101022	chr13	25089014	25090793	-	0.034075
Mrs2	MmuINT0101023	chr13	25087367	25088896	-	0.045823
Mrs2	MmuINT0101024	chr13	25086712	25087213	-	0.030857
Mrs2	MmuINT0101025	chr13	25085653	25086593	-	0.022895
Mrto4	MmuINT0101028	chr4	1.39E+08	1.39E+08	-	0.005457
Ms4a4d	MmuINT0101102	chr19	11611651	11622968	+	0.018448
Ms4a4d	MmuINT0101104	chr19	11624876	11627321	+	0.038564
Ms4a4d	MmuINT0101105	chr19	11627379	11629293	+	0.043729
Ms4a4d	MmuINT0101106	chr19	11629417	11630681	+	0.047757
Ms4a4d	MmuINT0101107	chr19	11630784	11632366	+	0.020642
Ms4a6b	MmuINT0101115	chr19	11598457	11601189	+	0.09908
Ms4a6b	MmuINT0101116	chr19	11601388	11603063	+	0.361748
Ms4a6b	MmuINT0101117	chr19	11603166	11603977	+	0.054448
Ms4a6c	MmuINT0101119	chr19	11549821	11552657	+	0.086311

Ms4a6c	MmuINT0101120	chr19	11552865	11554788	+	0.055819
Ms4a6c	MmuINT0101121	chr19	11554890	11555695	+	0.347337
Ms4a6d	MmuINT0101122	chr19	11677799	11679163	-	0.034946
Ms4a6d	MmuINT0101124	chr19	11667412	11676319	-	0.242711
Ms4a6d	MmuINT0101125	chr19	11664687	11667354	-	0.117345
Ms4a6d	MmuINT0101126	chr19	11662556	11664479	-	0.117142
Ms4a6d	MmuINT0101127	chr19	11661672	11662453	-	0.056855
Ms4a7	MmuINT0101129	chr19	11407857	11410496	-	0.063686
Ms4a7	MmuINT0101130	chr19	11402541	11407696	-	0.058745
Ms4a7	MmuINT0101132	chr19	11399119	11400296	-	0.127292
Ms4a7	MmuINT0101133	chr19	11396891	11398911	-	0.099079
Msh2	MmuINT0101142	chr17	88107943	88111968	+	0.015625
Msh2	MmuINT0101143	chr17	88112067	88116794	+	0.012201
Msh2	MmuINT0101144	chr17	88117041	88117940	+	0.017515
Msh2	MmuINT0101145	chr17	88118146	88118627	+	0.023342
Msh2	MmuINT0101146	chr17	88118876	88120222	+	0.019719
Msh2	MmuINT0101147	chr17	88120399	88122670	+	0.02103
Msh2	MmuINT0101148	chr17	88077703	88079139	+	0.01175
Msh2	MmuINT0101149	chr17	88079419	88081870	+	0.007506
Msh2	MmuINT0101150	chr17	88082018	88084776	+	0.019111
Msh2	MmuINT0101151	chr17	88084927	88085635	+	0.016745
Msh2	MmuINT0101152	chr17	88085770	88088281	+	0.013086
Msh2	MmuINT0101153	chr17	88088482	88095834	+	0.014921
Msh2	MmuINT0101154	chr17	88095945	88106521	+	0.023293
Msh2	MmuINT0101155	chr17	88106646	88107791	+	0.01075
Msh3	MmuINT0101156	chr13	93123298	93124717	-	0.072141
Msh3	MmuINT0101157	chr13	93070314	93079399	-	0.037
Msh3	MmuINT0101158	chr13	93069218	93070228	-	0.050741
Msh3	MmuINT0101159	chr13	93055965	93069107	-	0.030152
Msh3	MmuINT0101160	chr13	93044873	93055831	-	0.027678
Msh3	MmuINT0101161	chr13	93044076	93044684	-	0.03429
Msh3	MmuINT0101162	chr13	93035947	93043906	-	0.038749
Msh3	MmuINT0101163	chr13	93033793	93035881	-	0.05122
Msh3	MmuINT0101164	chr13	93026758	93033675	-	0.026155
Msh3	MmuINT0101165	chr13	93019894	93026649	-	0.028985
Msh3	MmuINT0101166	chr13	93005687	93019781	-	0.035084
Msh3	MmuINT0101167	chr13	93121407	93123179	-	0.061845
Msh3	MmuINT0101168	chr13	92993252	93005528	-	0.024471
Msh3	MmuINT0101169	chr13	92991041	92993064	-	0.026028
Msh3	MmuINT0101170	chr13	92985597	92990910	-	0.016128
Msh3	MmuINT0101171	chr13	92982502	92985424	-	0.023373
Msh3	MmuINT0101173	chr13	93117401	93119103	-	0.082001
Msh3	MmuINT0101174	chr13	93116806	93117283	-	0.034782
Msh3	MmuINT0101175	chr13	93115055	93116685	-	0.161403
Msh3	MmuINT0101176	chr13	93112368	93114910	-	0.200471
Msh3	MmuINT0101177	chr13	93082642	93112200	-	0.023451
Msh3	MmuINT0101178	chr13	93079515	93082528	-	0.033061
Msh6	MmuINT0101220	chr17	88374746	88379530	+	0.08097
Msh6	MmuINT0101221	chr17	88379731	88382784	+	0.034056
Msh6	MmuINT0101222	chr17	88382955	88383785	+	0.0312

Msh6	MmuINT0101223	chr17	88386322	88387525	+	0.020252
Msh6	MmuINT0101224	chr17	88387795	88388483	+	0.066247
Msh6	MmuINT0101225	chr17	88388602	88388766	+	0.038269
Msh6	MmuINT0101226	chr17	88388857	88389533	+	0.054078
Msh6	MmuINT0101227	chr17	88389689	88389770	+	0.056349
Msh6	MmuINT0101228	chr17	88389971	88390063	+	0.031496
Msi2	MmuINT0101243	chr11	88579060	88579342	-	0.019128
Msi2	MmuINT0101244	chr11	88180350	88199546	-	0.003203
Msi2	MmuINT0101245	chr11	88162495	88180286	-	0.025219
Msi2	MmuINT0101246	chr11	88160628	88162285	-	0.069528
Msi2	MmuINT0101247	chr11	88158163	88160554	-	0.062753
Msi2	MmuINT0101249	chr11	88577909	88578603	-	0.004263
Msi2	MmuINT0101250	chr11	88573794	88577823	-	0.00339
Msi2	MmuINT0101251	chr11	88403650	88573751	-	0.00262
Msi2	MmuINT0101252	chr11	88293557	88403556	-	0.002352
Msi2	MmuINT0101253	chr11	88227493	88293507	-	0.002658
Msi2	MmuINT0101254	chr11	88208182	88227409	-	0.003012
Msi2	MmuINT0101255	chr11	88199622	88208066	-	0.002847
Msl1	MmuINT0101256	chr11	98660678	98661313	+	0.004765
Msl1	MmuINT0101257	chr11	98661697	98663581	+	0.681331
Msl1	MmuINT0101258	chr11	98663630	98664095	+	0.042456
Msl1	MmuINT0101259	chr11	98664161	98665216	+	0.024937
Msl1	MmuINT0101260	chr11	98665285	98665615	+	0.028024
Msl1	MmuINT0101261	chr11	98665741	98666160	+	0.049333
Msl1	MmuINT0101262	chr11	98666234	98666655	+	0.031891
Msl2	MmuINT0101263	chr9	1.01E+08	1.01E+08	+	0.013204
Msl3	MmuINT0101264	chrX	1.65E+08	1.65E+08	-	0.015146
Msl3	MmuINT0101265	chrX	1.65E+08	1.65E+08	-	0.005911
Msl3	MmuINT0101266	chrX	1.65E+08	1.65E+08	-	0.009678
Msl3	MmuINT0101267	chrX	1.65E+08	1.65E+08	-	0.005581
Msl3	MmuINT0101268	chrX	1.65E+08	1.65E+08	-	0.031041
Msl3	MmuINT0101269	chrX	1.65E+08	1.65E+08	-	0.020602
Msl3	MmuINT0101270	chrX	1.65E+08	1.65E+08	-	0.007915
Msl3	MmuINT0101271	chrX	1.65E+08	1.65E+08	-	0.006597
Msl3	MmuINT0101272	chrX	1.65E+08	1.65E+08	-	0.006711
Msl3	MmuINT0101273	chrX	1.65E+08	1.65E+08	-	0.037192
Msl3	MmuINT0101274	chrX	1.65E+08	1.65E+08	-	0.004988
Msmg	MmuINT0101309	chr4	43596794	43597010	-	0.980213
Msmg	MmuINT0101310	chr4	43596366	43596684	-	0.993056
Msn	MmuINT0101311	chrX	93291583	93337203	+	0.002303
Msn	MmuINT0101312	chrX	93359250	93360713	+	0.006023
Msn	MmuINT0101313	chrX	93360807	93361263	+	0.00316
Msn	MmuINT0101314	chrX	93361489	93361808	+	0.001707
Msn	MmuINT0101315	chrX	93337288	93345958	+	0.003085
Msn	MmuINT0101316	chrX	93346055	93347862	+	0.002129
Msn	MmuINT0101317	chrX	93348138	93349633	+	0.050335
Msn	MmuINT0101318	chrX	93349718	93350802	+	0.002147
Msn	MmuINT0101319	chrX	93350950	93353185	+	0.003219
Msn	MmuINT0101320	chrX	93353283	93355426	+	0.002488
Msn	MmuINT0101321	chrX	93355591	93358705	+	0.001406

Msn	MmuINT0101322	chrX	93358837	93359088	+	0.003225
Msr1	MmuINT0101326	chr8	40705419	40709279	-	0.051573
Msr1	MmuINT0101327	chr8	40701177	40705231	-	0.038067
Msra	MmuINT0101334	chr14	64742191	64829264	-	0.002151
Msra	MmuINT0101339	chr14	64932593	65059546	-	0.002714
Msra	MmuINT0101340	chr14	64904021	64932523	-	0.002834
Msra	MmuINT0101341	chr14	64852771	64903900	-	0.004037
Msra	MmuINT0101342	chr14	64829372	64852665	-	0.00289
Msr2	MmuINT0101343	chr2	19293407	19299788	+	0.005458
Msr2	MmuINT0101344	chr2	19299890	19304867	+	0.002223
Msr2	MmuINT0101345	chr2	19304945	19314834	+	0.006147
Msr2	MmuINT0101346	chr2	19314983	19315877	+	0.002631
Msr3	MmuINT0101347	chr10	1.2E+08	1.2E+08	-	0.002862
Msr3	MmuINT0101348	chr10	1.2E+08	1.2E+08	-	0.015388
Msr3	MmuINT0101349	chr10	1.2E+08	1.2E+08	-	0.002895
Msr3	MmuINT0101350	chr10	1.2E+08	1.2E+08	-	0.005796
Msr3	MmuINT0101351	chr10	1.2E+08	1.2E+08	-	0.004203
Msr3	MmuINT0101352	chr10	1.2E+08	1.2E+08	-	0.013057
Mst1	MmuINT0101390	chr3	88717625	88717714	-	0.016401
Mst1	MmuINT0101391	chr3	88714733	88714804	-	0.030143
Mst1	MmuINT0101392	chr3	88714341	88714547	-	0.008547
Mst1	MmuINT0101393	chr3	88714162	88714235	-	0.01881
Mst1	MmuINT0101394	chr3	88716850	88717488	-	0.014057
Mst1	MmuINT0101395	chr3	88716701	88716779	-	0.016687
Mst1	MmuINT0101396	chr3	88716223	88716624	-	0.045882
Mst1	MmuINT0101397	chr3	88716036	88716158	-	0.023773
Mst1	MmuINT0101398	chr3	88715804	88715947	-	0.022452
Mst1	MmuINT0101399	chr3	88715594	88715685	-	0.010275
Mst1	MmuINT0101400	chr3	88715362	88715458	-	0.011579
Mst1	MmuINT0101401	chr3	88714937	88715208	-	0.013264
Mt1	MmuINT0101405	chr8	96703239	96703722	+	0.006089
Mt1	MmuINT0101406	chr8	96703789	96704001	+	0.00903
Mt2	MmuINT0101407	chr8	96696776	96697026	+	0.012307
Mt2	MmuINT0101408	chr8	96697093	96697235	+	0.006038
Mt3	MmuINT0101409	chr8	96676731	96676924	+	0.030125
Mt3	MmuINT0101410	chr8	96676991	96677800	+	0.037011
Mta1	MmuINT0101414	chr12	1.14E+08	1.14E+08	+	0.031418
Mta1	MmuINT0101415	chr12	1.14E+08	1.14E+08	+	0.011188
Mta1	MmuINT0101416	chr12	1.14E+08	1.14E+08	+	0.033414
Mta1	MmuINT0101417	chr12	1.14E+08	1.14E+08	+	0.021975
Mta1	MmuINT0101418	chr12	1.14E+08	1.14E+08	+	0.009871
Mta1	MmuINT0101419	chr12	1.14E+08	1.14E+08	+	0.047619
Mta1	MmuINT0101420	chr12	1.14E+08	1.14E+08	+	0.079779
Mta1	MmuINT0101421	chr12	1.14E+08	1.14E+08	+	0.105164
Mta1	MmuINT0101422	chr12	1.14E+08	1.14E+08	+	0.034458
Mta1	MmuINT0101423	chr12	1.14E+08	1.14E+08	+	0.009959
Mta1	MmuINT0101424	chr12	1.14E+08	1.14E+08	+	0.008491
Mta1	MmuINT0101425	chr12	1.14E+08	1.14E+08	+	0.041527
Mta1	MmuINT0101426	chr12	1.14E+08	1.14E+08	+	0.057761
Mta1	MmuINT0101427	chr12	1.14E+08	1.14E+08	+	0.006588

Mta1	MmuINT0101428	chr12	1.14E+08	1.14E+08	+	0.015576
Mta1	MmuINT0101429	chr12	1.14E+08	1.14E+08	+	0.038428
Mta1	MmuINT0101430	chr12	1.14E+08	1.14E+08	+	0.049062
Mta1	MmuINT0101431	chr12	1.14E+08	1.14E+08	+	0.02473
Mta2	MmuINT0101432	chr19	9016873	9017954	+	0.095613
Mta2	MmuINT0101433	chr19	9022090	9022216	+	0.014033
Mta2	MmuINT0101434	chr19	9022276	9022514	+	0.018969
Mta2	MmuINT0101435	chr19	9022613	9022746	+	0.013835
Mta2	MmuINT0101436	chr19	9022887	9023440	+	0.015123
Mta2	MmuINT0101437	chr19	9023670	9024789	+	0.089593
Mta2	MmuINT0101438	chr19	9024880	9025401	+	0.028393
Mta2	MmuINT0101439	chr19	9025521	9025625	+	0.024183
Mta2	MmuINT0101440	chr19	9025775	9025979	+	0.020591
Mta2	MmuINT0101441	chr19	9018023	9018502	+	0.017565
Mta2	MmuINT0101442	chr19	9018597	9020245	+	0.016963
Mta2	MmuINT0101443	chr19	9020364	9020495	+	0.010673
Mta2	MmuINT0101444	chr19	9020560	9020756	+	0.017115
Mta2	MmuINT0101445	chr19	9020875	9021137	+	0.074048
Mta2	MmuINT0101446	chr19	9021241	9021526	+	0.0364
Mta2	MmuINT0101447	chr19	9021627	9021741	+	0.006982
Mta2	MmuINT0101448	chr19	9021931	9022014	+	0.023468
Mta3	MmuINT0101451	chr17	84105626	84107738	+	0.0396
Mta3	MmuINT0101452	chr17	84181317	84183616	+	0.014822
Mta3	MmuINT0101453	chr17	84188383	84190992	+	0.015092
Mta3	MmuINT0101454	chr17	84191142	84191881	+	0.009752
Mta3	MmuINT0101455	chr17	84199477	84203790	+	0.025659
Mta3	MmuINT0101456	chr17	84107807	84113953	+	0.017848
Mta3	MmuINT0101457	chr17	84114048	84137668	+	0.010621
Mta3	MmuINT0101458	chr17	84137796	84153193	+	0.014708
Mta3	MmuINT0101459	chr17	84153258	84154898	+	0.013159
Mta3	MmuINT0101460	chr17	84162354	84165846	+	0.011128
Mta3	MmuINT0101461	chr17	84165947	84174921	+	0.010917
Mta3	MmuINT0101462	chr17	84175111	84181241	+	0.01394
Mtap	MmuINT0101463	chr4	88783429	88794092	+	0.006935
Mtap	MmuINT0101464	chr4	88794180	88797912	+	0.011346
Mtap	MmuINT0101465	chr4	88797972	88802349	+	0.009854
Mtap	MmuINT0101466	chr4	88802518	88817031	+	0.008174
Mtap	MmuINT0101467	chr4	88817135	88818048	+	0.010031
Mtap	MmuINT0101468	chr4	88818289	88822706	+	0.007816
Mtap	MmuINT0101469	chr4	88822830	88825371	+	0.005595
Mtap1a	MmuINT0101474	chr2	1.21E+08	1.21E+08	+	0.057746
Mtap1b	MmuINT0101481	chr13	1E+08	1E+08	-	0.060461
Mtap1b	MmuINT0101482	chr13	1E+08	1E+08	-	0.101752
Mtap1s	MmuINT0101483	chr8	73430027	73434843	+	0.07699
Mtap1s	MmuINT0101484	chr8	73434949	73435744	+	0.060221
Mtap1s	MmuINT0101485	chr8	73435828	73436411	+	0.147589
Mtap1s	MmuINT0101486	chr8	73436553	73436804	+	0.031278
Mtap1s	MmuINT0101487	chr8	73438894	73440249	+	0.071142
Mtap1s	MmuINT0101488	chr8	73440474	73440950	+	0.036397
Mtap4	MmuINT0101504	chr9	1.1E+08	1.1E+08	+	0.002103

Mtap4	MmuINT0101505	chr9	1.1E+08	1.1E+08	+	0.007687
Mtap4	MmuINT0101506	chr9	1.1E+08	1.1E+08	+	0.001098
Mtap4	MmuINT0101507	chr9	1.1E+08	1.1E+08	+	0.001509
Mtap4	MmuINT0101508	chr9	1.1E+08	1.1E+08	+	0.042473
Mtap4	MmuINT0101509	chr9	1.1E+08	1.1E+08	+	0.039878
Mtap4	MmuINT0101510	chr9	1.1E+08	1.1E+08	+	0.003636
Mtap4	MmuINT0101511	chr9	1.1E+08	1.1E+08	+	0.001397
Mtap4	MmuINT0101512	chr9	1.1E+08	1.1E+08	+	0.148756
Mtap4	MmuINT0101513	chr9	1.1E+08	1.1E+08	+	0.130323
Mtap4	MmuINT0101514	chr9	1.1E+08	1.1E+08	+	0.001556
Mtap4	MmuINT0101515	chr9	1.1E+08	1.1E+08	+	0.001666
Mtap4	MmuINT0101516	chr9	1.1E+08	1.1E+08	+	0.001382
Mtap4	MmuINT0101517	chr9	1.1E+08	1.1E+08	+	0.002798
Mtap4	MmuINT0101518	chr9	1.1E+08	1.1E+08	+	0.001108
Mtap4	MmuINT0101519	chr9	1.1E+08	1.1E+08	+	0.001127
Mtap4	MmuINT0101520	chr9	1.1E+08	1.1E+08	+	0.006242
Mtap4	MmuINT0101521	chr9	1.1E+08	1.1E+08	+	0.006182
Mtap7	MmuINT0101524	chr10	19868887	19950589	+	0.026857
Mtap7	MmuINT0101525	chr10	19987183	19989165	+	0.018833
Mtap7	MmuINT0101526	chr10	19989395	19993085	+	0.015506
Mtap7	MmuINT0101527	chr10	19993261	19993584	+	0.040339
Mtap7	MmuINT0101528	chr10	19993687	19994051	+	0.026599
Mtap7	MmuINT0101529	chr10	19994103	19994407	+	0.027621
Mtap7	MmuINT0101530	chr10	19994466	19995981	+	0.030608
Mtap7	MmuINT0101531	chr10	19996082	19997930	+	0.014395
Mtap7	MmuINT0101532	chr10	19998152	19999801	+	0.010124
Mtap7	MmuINT0101533	chr10	19950689	19953174	+	0.011488
Mtap7	MmuINT0101534	chr10	19953253	19965075	+	0.01399
Mtap7	MmuINT0101535	chr10	19965240	19966403	+	0.013697
Mtap7	MmuINT0101536	chr10	19966522	19970175	+	0.015318
Mtap7	MmuINT0101537	chr10	19970287	19976989	+	0.031961
Mtap7	MmuINT0101539	chr10	19986658	19986928	+	0.016079
Mtap7d1	MmuINT0101542	chr4	1.26E+08	1.26E+08	-	0.000948
Mtap7d1	MmuINT0101543	chr4	1.26E+08	1.26E+08	-	0.001332
Mtap7d1	MmuINT0101544	chr4	1.26E+08	1.26E+08	-	0.002812
Mtap7d1	MmuINT0101545	chr4	1.26E+08	1.26E+08	-	0.001919
Mtap7d1	MmuINT0101546	chr4	1.26E+08	1.26E+08	-	0.045489
Mtap7d1	MmuINT0101547	chr4	1.26E+08	1.26E+08	-	0.025073
Mtap7d1	MmuINT0101548	chr4	1.26E+08	1.26E+08	-	0.007141
Mtap7d1	MmuINT0101549	chr4	1.26E+08	1.26E+08	-	0.004886
Mtap7d1	MmuINT0101550	chr4	1.26E+08	1.26E+08	-	0.000908
Mtap7d1	MmuINT0101551	chr4	1.26E+08	1.26E+08	-	0.001264
Mtap7d1	MmuINT0101552	chr4	1.26E+08	1.26E+08	-	0.001056
Mtap7d1	MmuINT0101553	chr4	1.26E+08	1.26E+08	-	0.626373
Mtap7d1	MmuINT0101554	chr4	1.26E+08	1.26E+08	-	0.429883
Mtap7d1	MmuINT0101556	chr4	1.26E+08	1.26E+08	-	0.014012
Mtap7d1	MmuINT0101557	chr4	1.26E+08	1.26E+08	-	0.001313
Mtap7d1	MmuINT0101558	chr4	1.26E+08	1.26E+08	-	0.030746
Mtbp	MmuINT0101609	chr15	55429059	55434738	+	0.062818
Mtbp	MmuINT0101610	chr15	55434857	55438198	+	0.045295

Mtbp	MmuINT0101622	chr15	55449304	55451192	+	0.058711
Mtbp	MmuINT0101623	chr15	55451431	55452177	+	0.130493
Mtbp	MmuINT0101624	chr15	55452292	55456945	+	0.125038
Mtbp	MmuINT0101625	chr15	55457012	55457692	+	0.092487
Mtch1	MmuINT0101626	chr17	29479853	29484411	-	0.006759
Mtch1	MmuINT0101627	chr17	29470535	29470719	-	0.013881
Mtch1	MmuINT0101628	chr17	29469724	29470458	-	0.003682
Mtch1	MmuINT0101629	chr17	29477843	29479767	-	0.004894
Mtch1	MmuINT0101630	chr17	29477444	29477735	-	0.004709
Mtch1	MmuINT0101631	chr17	29477071	29477365	-	0.002611
Mtch1	MmuINT0101632	chr17	29476788	29477012	-	0.001604
Mtch1	MmuINT0101633	chr17	29475747	29476735	-	0.002122
Mtch1	MmuINT0101634	chr17	29473257	29475686	-	0.012079
Mtch1	MmuINT0101635	chr17	29470951	29473111	-	0.042552
Mtch1	MmuINT0101636	chr17	29470788	29470902	-	0.006815
Mtch2	MmuINT0101637	chr2	90687543	90689527	+	0.001795
Mtch2	MmuINT0101640	chr2	90703823	90705340	+	0.001757
Mtch2	MmuINT0101644	chr2	90693271	90695080	+	0.004223
Mtch2	MmuINT0101646	chr2	90695645	90696962	+	0.004508
Mtch2	MmuINT0101647	chr2	90697023	90699632	+	0.002473
Mtcp1	MmuINT0101650	chrX	72656862	72656973	-	0.457676
Mtcp1	MmuINT0101651	chrX	72656609	72656690	-	0.120726
Mtcp1	MmuINT0101653	chrX	72654953	72661353	-	0.24763
Mtcp1	MmuINT0101654	chrX	72650558	72654884	-	0.140324
Mtdh	MmuINT0101655	chr15	34013169	34029238	+	0.005773
Mtdh	MmuINT0101656	chr15	34066583	34069495	+	0.009061
Mtdh	MmuINT0101657	chr15	34069653	34070446	+	0.00856
Mtdh	MmuINT0101658	chr15	34029341	34043778	+	0.004684
Mtdh	MmuINT0101659	chr15	34043864	34044553	+	0.006203
Mtdh	MmuINT0101660	chr15	34044731	34046065	+	0.027181
Mtdh	MmuINT0101661	chr15	34046132	34047634	+	0.043239
Mtdh	MmuINT0101662	chr15	34047866	34053422	+	0.012467
Mtdh	MmuINT0101663	chr15	34053522	34060918	+	0.012907
Mtdh	MmuINT0101664	chr15	34061044	34064045	+	0.00536
Mtdh	MmuINT0101665	chr15	34064154	34066441	+	0.004089
Mterfd1	MmuINT0101667	chr13	67029259	67030820	-	0.012804
Mterfd1	MmuINT0101668	chr13	67023882	67029105	-	0.004662
Mterfd1	MmuINT0101669	chr13	67018110	67023691	-	0.01326
Mterfd1	MmuINT0101670	chr13	67017621	67017961	-	0.010898
Mterfd1	MmuINT0101671	chr13	67015725	67017548	-	0.011073
Mterfd1	MmuINT0101672	chr13	67013315	67015562	-	0.042084
Mterfd2	MmuINT0101673	chr1	95201684	95202401	-	0.012334
Mterfd2	MmuINT0101674	chr1	95199480	95201184	-	0.046666
Mterfd2	MmuINT0101675	chr1	95198373	95199294	-	0.120232
Mterfd3	MmuINT0101676	chr10	84589232	84590706	-	0.04663
Mterfd3	MmuINT0101677	chr10	84583560	84589112	-	0.014526
Mtf1	MmuINT0101678	chr4	1.24E+08	1.24E+08	+	0.036919
Mtf1	MmuINT0101679	chr4	1.25E+08	1.25E+08	+	0.06523
Mtf1	MmuINT0101680	chr4	1.24E+08	1.24E+08	+	0.078246
Mtf1	MmuINT0101681	chr4	1.24E+08	1.24E+08	+	0.020908

Mtf1	MmuINT0101682	chr4	1.24E+08	1.25E+08	+	0.03235
Mtf1	MmuINT0101683	chr4	1.25E+08	1.25E+08	+	0.044442
Mtf1	MmuINT0101684	chr4	1.25E+08	1.25E+08	+	0.05129
Mtf1	MmuINT0101685	chr4	1.25E+08	1.25E+08	+	0.044469
Mtf1	MmuINT0101686	chr4	1.25E+08	1.25E+08	+	0.039134
Mtf1	MmuINT0101687	chr4	1.25E+08	1.25E+08	+	0.031538
Mtf2	MmuINT0101689	chr5	1.09E+08	1.09E+08	+	0.056203
Mtf2	MmuINT0101690	chr5	1.09E+08	1.09E+08	+	0.066982
Mtf2	MmuINT0101691	chr5	1.09E+08	1.09E+08	+	0.057755
Mtf2	MmuINT0101692	chr5	1.09E+08	1.09E+08	+	0.035754
Mtf2	MmuINT0101693	chr5	1.09E+08	1.09E+08	+	0.077097
Mtf2	MmuINT0101694	chr5	1.09E+08	1.09E+08	+	0.066659
Mtf2	MmuINT0101695	chr5	1.09E+08	1.09E+08	+	0.037312
Mtf2	MmuINT0101696	chr5	1.09E+08	1.09E+08	+	0.055333
Mtf2	MmuINT0101697	chr5	1.09E+08	1.09E+08	+	0.05095
Mtf2	MmuINT0101698	chr5	1.09E+08	1.09E+08	+	0.054857
Mtf2	MmuINT0101699	chr5	1.09E+08	1.09E+08	+	0.046258
Mtf2	MmuINT0101700	chr5	1.09E+08	1.09E+08	+	0.051166
Mtf2	MmuINT0101701	chr5	1.09E+08	1.09E+08	+	0.056
Mtfmt	MmuINT0101702	chr9	65283815	65284794	+	0.027725
Mtfmt	MmuINT0101703	chr9	65285005	65287336	+	0.024309
Mtfmt	MmuINT0101705	chr9	65288256	65289419	+	0.127216
Mtfmt	MmuINT0101706	chr9	65289496	65291685	+	0.139182
Mtfmt	MmuINT0101707	chr9	65291778	65295030	+	0.031235
Mtfmt	MmuINT0101708	chr9	65295110	65296502	+	0.02569
Mtfmt	MmuINT0101709	chr9	65296586	65299811	+	0.025607
Mtfr1	MmuINT0101710	chr3	19088289	19100025	+	0.011643
Mtfr1	MmuINT0101711	chr3	19100168	19106451	+	0.002247
Mtfr1	MmuINT0101713	chr3	19111584	19115470	+	0.010439
Mtfr1	MmuINT0101714	chr3	19115704	19117179	+	0.018325
Mtfr1	MmuINT0101715	chr3	19117424	19118161	+	0.010672
Mtfr1	MmuINT0101716	chr3	19118322	19119037	+	0.013248
Mtg1	MmuINT0101717	chr7	1.47E+08	1.47E+08	+	0.035353
Mtg1	MmuINT0101718	chr7	1.47E+08	1.47E+08	+	0.00888
Mtg1	MmuINT0101719	chr7	1.47E+08	1.47E+08	+	0.019291
Mtg1	MmuINT0101720	chr7	1.47E+08	1.47E+08	+	0.013056
Mtg1	MmuINT0101721	chr7	1.47E+08	1.47E+08	+	0.006951
Mtg1	MmuINT0101722	chr7	1.47E+08	1.47E+08	+	0.008466
Mtg1	MmuINT0101723	chr7	1.47E+08	1.47E+08	+	0.011853
Mtg1	MmuINT0101724	chr7	1.47E+08	1.47E+08	+	0.011405
Mtg1	MmuINT0101725	chr7	1.47E+08	1.47E+08	+	0.029325
Mtg1	MmuINT0101726	chr7	1.47E+08	1.47E+08	+	0.096646
Mthfd1	MmuINT0101727	chr12	77356532	77371404	+	0.010141
Mthfd1	MmuINT0101728	chr12	77390516	77390671	+	0.008733
Mthfd1	MmuINT0101729	chr12	77390846	77391967	+	0.008634
Mthfd1	MmuINT0101730	chr12	77392105	77394377	+	0.018104
Mthfd1	MmuINT0101731	chr12	77394425	77395126	+	0.016828
Mthfd1	MmuINT0101732	chr12	77395235	77395341	+	0.011517
Mthfd1	MmuINT0101733	chr12	77395417	77398468	+	0.009167
Mthfd1	MmuINT0101734	chr12	77398572	77401374	+	0.007999



Mthfd1	MmuINT0101735	chr12	77401452	77402244	+	0.013702
Mthfd1	MmuINT0101736	chr12	77402386	77403945	+	0.011899
Mthfd1	MmuINT0101737	chr12	77404015	77404620	+	0.007936
Mthfd1	MmuINT0101738	chr12	77371490	77380390	+	0.01703
Mthfd1	MmuINT0101739	chr12	77404733	77404828	+	0.007527
Mthfd1	MmuINT0101740	chr12	77404969	77408208	+	0.014247
Mthfd1	MmuINT0101741	chr12	77408251	77411895	+	0.025893
Mthfd1	MmuINT0101742	chr12	77411997	77412792	+	0.011903
Mthfd1	MmuINT0101743	chr12	77412971	77415387	+	0.010843
Mthfd1	MmuINT0101744	chr12	77415496	77415935	+	0.00659
Mthfd1	MmuINT0101745	chr12	77416089	77418593	+	0.028475
Mthfd1	MmuINT0101746	chr12	77418688	77420567	+	0.010966
Mthfd1	MmuINT0101747	chr12	77380451	77381143	+	0.024191
Mthfd1	MmuINT0101748	chr12	77381198	77381366	+	0.018892
Mthfd1	MmuINT0101749	chr12	77381504	77381615	+	0.011298
Mthfd1	MmuINT0101750	chr12	77381717	77383874	+	0.013933
Mthfd1	MmuINT0101751	chr12	77384012	77384918	+	0.006301
Mthfd1	MmuINT0101752	chr12	77385031	77389867	+	0.00807
Mthfd1	MmuINT0101753	chr12	77389996	77390417	+	0.010754
Mthfd2	MmuINT0101783	chr6	83261929	83263355	-	0.067538
Mthfd2	MmuINT0101785	chr6	83260514	83261203	-	0.056078
Mthfd2	MmuINT0101786	chr6	83259549	83260405	-	0.050575
Mthfd2	MmuINT0101787	chr6	83259053	83259455	-	0.042437
Mthfd2	MmuINT0101788	chr6	83256804	83258926	-	0.049564
Mthfd2l	MmuINT0101790	chr5	91376001	91377848	+	0.03233
Mthfd2l	MmuINT0101792	chr5	91388884	91390315	+	0.027754
Mthfd2l	MmuINT0101793	chr5	91390424	91403348	+	0.033181
Mthfd2l	MmuINT0101794	chr5	91403442	91429519	+	0.032176
Mthfr	MmuINT0101796	chr4	1.47E+08	1.47E+08	+	0.736148
Mthfr	MmuINT0101797	chr4	1.47E+08	1.47E+08	+	0.033474
Mthfr	MmuINT0101800	chr4	1.47E+08	1.47E+08	+	0.041648
Mthfr	MmuINT0101801	chr4	1.47E+08	1.47E+08	+	0.065268
Mthfr	MmuINT0101802	chr4	1.47E+08	1.47E+08	+	0.121283
Mthfr	MmuINT0101803	chr4	1.47E+08	1.47E+08	+	0.075561
Mthfr	MmuINT0101804	chr4	1.47E+08	1.47E+08	+	0.030123
Mthfr	MmuINT0101805	chr4	1.47E+08	1.47E+08	+	0.078666
Mthfr	MmuINT0101807	chr4	1.47E+08	1.47E+08	+	0.960357
Mthfsd	MmuINT0101812	chr8	1.24E+08	1.24E+08	-	0.028892
Mthfsd	MmuINT0101813	chr8	1.24E+08	1.24E+08	-	0.07841
Mthfsd	MmuINT0101814	chr8	1.24E+08	1.24E+08	-	0.013261
Mthfsd	MmuINT0101815	chr8	1.24E+08	1.24E+08	-	0.017994
Mthfsd	MmuINT0101816	chr8	1.24E+08	1.24E+08	-	0.341293
Mtif2	MmuINT0101818	chr11	29426844	29429928	+	0.031207
Mtif2	MmuINT0101819	chr11	29440862	29441340	+	0.007651
Mtif2	MmuINT0101820	chr11	29441482	29442344	+	0.006996
Mtif2	MmuINT0101821	chr11	29442510	29444269	+	0.013316
Mtif2	MmuINT0101822	chr11	29444411	29444912	+	0.035992
Mtif2	MmuINT0101823	chr11	29430155	29430580	+	0.049144
Mtif2	MmuINT0101824	chr11	29430693	29433225	+	0.060151
Mtif2	MmuINT0101825	chr11	29433398	29433831	+	0.004128

Mtif2	MmuINT0101826	chr11	29433993	29435089	+	0.004546
Mtif2	MmuINT0101827	chr11	29435267	29436832	+	0.010585
Mtif2	MmuINT0101828	chr11	29436973	29438668	+	0.0037
Mtif2	MmuINT0101829	chr11	29438794	29440067	+	0.008339
Mtif2	MmuINT0101830	chr11	29440273	29440608	+	0.008998
Mtif3	MmuINT0101831	chr5	1.48E+08	1.48E+08	-	0.047021
Mtif3	MmuINT0101832	chr5	1.48E+08	1.48E+08	-	0.014492
Mtif3	MmuINT0101833	chr5	1.48E+08	1.48E+08	-	0.012428
Mtl5	MmuINT0101840	chr19	3405109	3406917	+	0.089752
Mtm1	MmuINT0101845	chrX	68549525	68552742	+	0.025727
Mtm1	MmuINT0101846	chrX	68552950	68554908	+	0.022428
Mtm1	MmuINT0101847	chrX	68555002	68555675	+	0.025569
Mtm1	MmuINT0101848	chrX	68555790	68560874	+	0.024915
Mtm1	MmuINT0101849	chrX	68561052	68566820	+	0.021354
Mtm1	MmuINT0101850	chrX	68484637	68486246	+	0.045884
Mtm1	MmuINT0101851	chrX	68486320	68488026	+	0.02607
Mtm1	MmuINT0101852	chrX	68488122	68507425	+	0.03144
Mtm1	MmuINT0101853	chrX	68507537	68512899	+	0.015235
Mtm1	MmuINT0101854	chrX	68513002	68537775	+	0.017478
Mtm1	MmuINT0101855	chrX	68537860	68540326	+	0.01869
Mtm1	MmuINT0101856	chrX	68540477	68544923	+	0.011583
Mtm1	MmuINT0101857	chrX	68545113	68549338	+	0.011697
Mtmr1	MmuINT0101858	chrX	68618248	68622973	+	0.029056
Mtmr1	MmuINT0101859	chrX	68653902	68654902	+	0.017954
Mtmr1	MmuINT0101860	chrX	68655110	68658046	+	0.013209
Mtmr1	MmuINT0101861	chrX	68658140	68663907	+	0.029263
Mtmr1	MmuINT0101862	chrX	68664022	68665379	+	0.018781
Mtmr1	MmuINT0101863	chrX	68665557	68669737	+	0.017707
Mtmr1	MmuINT0101865	chrX	68636451	68641397	+	0.013971
Mtmr1	MmuINT0101866	chrX	68641493	68641827	+	0.017696
Mtmr1	MmuINT0101867	chrX	68641936	68644864	+	0.013549
Mtmr1	MmuINT0101868	chrX	68644967	68645690	+	0.018608
Mtmr1	MmuINT0101869	chrX	68645775	68646470	+	0.058747
Mtmr1	MmuINT0101870	chrX	68646621	68647451	+	0.03425
Mtmr1	MmuINT0101871	chrX	68647641	68653715	+	0.008162
Mtmr10	MmuINT0101872	chr7	71432728	71433224	+	0.048513
Mtmr10	MmuINT0101873	chr7	71464432	71465450	+	0.029678
Mtmr10	MmuINT0101874	chr7	71465521	71466048	+	0.037983
Mtmr10	MmuINT0101875	chr7	71466120	71471537	+	0.048305
Mtmr10	MmuINT0101876	chr7	71471708	71478197	+	0.049239
Mtmr10	MmuINT0101877	chr7	71478369	71481597	+	0.049724
Mtmr10	MmuINT0101878	chr7	71481781	71482318	+	0.061768
Mtmr10	MmuINT0101879	chr7	71433286	71442345	+	0.047034
Mtmr10	MmuINT0101880	chr7	71442483	71444424	+	0.050541
Mtmr10	MmuINT0101881	chr7	71444498	71445425	+	0.039305
Mtmr10	MmuINT0101882	chr7	71445569	71453013	+	0.083814
Mtmr10	MmuINT0101883	chr7	71453105	71458969	+	0.036327
Mtmr10	MmuINT0101884	chr7	71459151	71462976	+	0.044029
Mtmr10	MmuINT0101885	chr7	71463065	71463144	+	0.060054
Mtmr10	MmuINT0101886	chr7	71463234	71464300	+	0.03309

Mtmr11	MmuINT0101888	chr3	95969219	95971734	+	0.515167
Mtmr11	MmuINT0101889	chr3	95971802	95971995	+	0.215433
Mtmr11	MmuINT0101890	chr3	95972067	95972521	+	0.64633
Mtmr11	MmuINT0101891	chr3	95972689	95972958	+	0.376766
Mtmr11	MmuINT0101892	chr3	95973133	95973729	+	0.281863
Mtmr11	MmuINT0101893	chr3	95973913	95974275	+	0.325432
Mtmr11	MmuINT0101894	chr3	95974570	95975008	+	0.538092
Mtmr12	MmuINT0101903	chr15	12135035	12160028	+	0.04267
Mtmr12	MmuINT0101904	chr15	12188298	12189322	+	0.048753
Mtmr12	MmuINT0101905	chr15	12189402	12191595	+	0.049939
Mtmr12	MmuINT0101906	chr15	12191667	12193479	+	0.119947
Mtmr12	MmuINT0101907	chr15	12193653	12195298	+	0.108659
Mtmr12	MmuINT0101908	chr15	12195467	12196361	+	0.046347
Mtmr12	MmuINT0101909	chr15	12196524	12199256	+	0.041299
Mtmr12	MmuINT0101912	chr15	12163682	12165772	+	0.049228
Mtmr12	MmuINT0101914	chr15	12167775	12174738	+	0.040877
Mtmr12	MmuINT0101915	chr15	12174869	12181107	+	0.048726
Mtmr12	MmuINT0101917	chr15	12187489	12188172	+	0.059577
Mtmr14	MmuINT0101918	chr6	1.13E+08	1.13E+08	+	0.021692
Mtmr14	MmuINT0101919	chr6	1.13E+08	1.13E+08	+	0.017364
Mtmr14	MmuINT0101920	chr6	1.13E+08	1.13E+08	+	0.023104
Mtmr14	MmuINT0101921	chr6	1.13E+08	1.13E+08	+	0.031129
Mtmr14	MmuINT0101922	chr6	1.13E+08	1.13E+08	+	0.054996
Mtmr14	MmuINT0101923	chr6	1.13E+08	1.13E+08	+	0.023306
Mtmr14	MmuINT0101924	chr6	1.13E+08	1.13E+08	+	0.023726
Mtmr14	MmuINT0101925	chr6	1.13E+08	1.13E+08	+	0.027169
Mtmr14	MmuINT0101926	chr6	1.13E+08	1.13E+08	+	0.052986
Mtmr14	MmuINT0101927	chr6	1.13E+08	1.13E+08	+	0.061357
Mtmr14	MmuINT0101928	chr6	1.13E+08	1.13E+08	+	0.016263
Mtmr14	MmuINT0101929	chr6	1.13E+08	1.13E+08	+	0.012387
Mtmr14	MmuINT0101930	chr6	1.13E+08	1.13E+08	+	0.022603
Mtmr14	MmuINT0101931	chr6	1.13E+08	1.13E+08	+	0.019963
Mtmr14	MmuINT0101932	chr6	1.13E+08	1.13E+08	+	0.019841
Mtmr14	MmuINT0101933	chr6	1.13E+08	1.13E+08	+	0.016628
Mtmr14	MmuINT0101934	chr6	1.13E+08	1.13E+08	+	0.014605
Mtmr14	MmuINT0101935	chr6	1.13E+08	1.13E+08	+	0.028594
Mtmr2	MmuINT0101937	chr9	13553845	13586720	+	0.023931
Mtmr2	MmuINT0101938	chr9	13600591	13603593	+	0.014299
Mtmr2	MmuINT0101942	chr9	13607983	13609249	+	0.015855
Mtmr2	MmuINT0101943	chr9	13609427	13609818	+	0.01422
Mtmr2	MmuINT0101947	chr9	13593120	13593483	+	0.017797
Mtmr2	MmuINT0101948	chr9	13593595	13596422	+	0.004664
Mtmr2	MmuINT0101950	chr9	13597677	13599680	+	0.02763
Mtmr2	MmuINT0101951	chr9	13599831	13600401	+	0.054612
Mtmr3	MmuINT0101952	chr11	4431309	4494605	-	0.014618
Mtmr3	MmuINT0101953	chr11	4397453	4397933	-	0.010021
Mtmr3	MmuINT0101954	chr11	4392918	4397340	-	0.015362
Mtmr3	MmuINT0101955	chr11	4391996	4392721	-	0.005057
Mtmr3	MmuINT0101956	chr11	4391152	4391809	-	0.005405
Mtmr3	MmuINT0101957	chr11	4389771	4390980	-	0.009062

Mtmr3	MmuINT0101958	chr11	4388636	4389624	-	0.00623
Mtmr3	MmuINT0101959	chr11	4385455	4387236	-	0.161946
Mtmr3	MmuINT0101960	chr11	4382943	4385365	-	0.181317
Mtmr3	MmuINT0101961	chr11	4428410	4431224	-	0.010183
Mtmr3	MmuINT0101962	chr11	4427956	4428319	-	0.010759
Mtmr3	MmuINT0101963	chr11	4420918	4427838	-	0.002519
Mtmr3	MmuINT0101967	chr11	4399097	4404034	-	0.001348
Mtmr3	MmuINT0101968	chr11	4398066	4398890	-	0.009611
Mtmr4	MmuINT0101970	chr11	87416411	87416889	+	0.076786
Mtmr4	MmuINT0101971	chr11	87417002	87417488	+	0.035267
Mtmr4	MmuINT0101972	chr11	87417685	87417919	+	0.037688
Mtmr4	MmuINT0101973	chr11	87418106	87418183	+	0.017768
Mtmr4	MmuINT0101974	chr11	87418355	87418497	+	0.065886
Mtmr4	MmuINT0101975	chr11	87418653	87424434	+	0.016114
Mtmr4	MmuINT0101976	chr11	87425819	87426923	+	0.02445
Mtmr4	MmuINT0101977	chr11	87427035	87427273	+	0.028182
Mtmr4	MmuINT0101978	chr11	87427363	87427577	+	0.028008
Mtmr4	MmuINT0101979	chr11	87406936	87410697	+	0.082425
Mtmr4	MmuINT0101980	chr11	87410788	87411116	+	0.05431
Mtmr4	MmuINT0101981	chr11	87411234	87412364	+	0.02805
Mtmr4	MmuINT0101982	chr11	87412448	87414005	+	0.053323
Mtmr4	MmuINT0101983	chr11	87414167	87414275	+	0.044885
Mtmr4	MmuINT0101984	chr11	87414373	87414560	+	0.047546
Mtmr4	MmuINT0101985	chr11	87414675	87415909	+	0.042626
Mtmr4	MmuINT0101986	chr11	87416107	87416281	+	0.036461
Mtmr6	MmuINT0101987	chr14	60884199	60895965	+	0.014283
Mtmr6	MmuINT0101988	chr14	60915007	60915410	+	0.055993
Mtmr6	MmuINT0101991	chr14	60917879	60919109	+	0.006277
Mtmr6	MmuINT0101992	chr14	60896083	60898919	+	0.009193
Mtmr6	MmuINT0101993	chr14	60899083	60900773	+	0.006364
Mtmr6	MmuINT0101994	chr14	60900932	60903753	+	0.009309
Mtmr6	MmuINT0101995	chr14	60903883	60908379	+	0.01267
Mtmr6	MmuINT0101996	chr14	60908515	60910830	+	0.046294
Mtmr6	MmuINT0101997	chr14	60910964	60911754	+	0.01123
Mtmr6	MmuINT0101998	chr14	60911865	60912220	+	0.032924
Mtmr6	MmuINT0101999	chr14	60912347	60914956	+	0.027477
Mtmr9	MmuINT0102013	chr14	64161294	64162294	-	0.014239
Mtmr9	MmuINT0102014	chr14	64159217	64161184	-	0.017357
Mtmr9	MmuINT0102015	chr14	64156003	64159090	-	0.011702
Mtmr9	MmuINT0102016	chr14	64153382	64155828	-	0.020071
Mtmr9	MmuINT0102017	chr14	64149187	64153163	-	0.012422
Mtmr9	MmuINT0102018	chr14	64148704	64149024	-	0.016159
Mtmr9	MmuINT0102019	chr14	64147169	64148561	-	0.010452
Mtmr9	MmuINT0102020	chr14	64145780	64146947	-	0.017027
Mtmr9	MmuINT0102021	chr14	64143055	64145627	-	0.011247
Mto1	MmuINT0102024	chr9	78296318	78297225	+	0.011636
Mto1	MmuINT0102025	chr9	78312810	78318437	+	0.011017
Mto1	MmuINT0102026	chr9	78318599	78321596	+	0.005928
Mto1	MmuINT0102027	chr9	78297426	78297524	+	0.011001
Mto1	MmuINT0102028	chr9	78297643	78300570	+	0.011142

Mto1	MmuINT0102029	chr9	78300861	78305016	+	0.009292
Mto1	MmuINT0102030	chr9	78305130	78305222	+	0.005121
Mto1	MmuINT0102031	chr9	78305414	78305723	+	0.005112
Mto1	MmuINT0102032	chr9	78305855	78308639	+	0.021977
Mto1	MmuINT0102033	chr9	78308845	78309326	+	0.012502
Mto1	MmuINT0102034	chr9	78309499	78312690	+	0.021249
Mtor	MmuINT0102035	chr4	1.48E+08	1.48E+08	+	0.01088
Mtor	MmuINT0102036	chr4	1.48E+08	1.48E+08	+	0.02525
Mtor	MmuINT0102037	chr4	1.48E+08	1.48E+08	+	0.011396
Mtor	MmuINT0102038	chr4	1.48E+08	1.48E+08	+	0.013505
Mtor	MmuINT0102039	chr4	1.48E+08	1.48E+08	+	0.013134
Mtor	MmuINT0102040	chr4	1.48E+08	1.48E+08	+	0.02075
Mtor	MmuINT0102041	chr4	1.48E+08	1.48E+08	+	0.012614
Mtor	MmuINT0102042	chr4	1.48E+08	1.48E+08	+	0.013075
Mtor	MmuINT0102043	chr4	1.48E+08	1.48E+08	+	0.015674
Mtor	MmuINT0102044	chr4	1.48E+08	1.48E+08	+	0.030178
Mtor	MmuINT0102046	chr4	1.48E+08	1.48E+08	+	0.01578
Mtor	MmuINT0102047	chr4	1.48E+08	1.48E+08	+	0.016515
Mtor	MmuINT0102048	chr4	1.48E+08	1.48E+08	+	0.015246
Mtor	MmuINT0102049	chr4	1.48E+08	1.48E+08	+	0.013015
Mtor	MmuINT0102050	chr4	1.48E+08	1.48E+08	+	0.01377
Mtor	MmuINT0102051	chr4	1.48E+08	1.48E+08	+	0.011961
Mtor	MmuINT0102052	chr4	1.48E+08	1.48E+08	+	0.02001
Mtor	MmuINT0102053	chr4	1.48E+08	1.48E+08	+	0.013144
Mtor	MmuINT0102054	chr4	1.48E+08	1.48E+08	+	0.012621
Mtor	MmuINT0102055	chr4	1.48E+08	1.48E+08	+	0.012478
Mtor	MmuINT0102056	chr4	1.48E+08	1.48E+08	+	0.011439
Mtor	MmuINT0102057	chr4	1.48E+08	1.48E+08	+	0.012985
Mtor	MmuINT0102058	chr4	1.48E+08	1.48E+08	+	0.011625
Mtor	MmuINT0102059	chr4	1.48E+08	1.48E+08	+	0.020253
Mtor	MmuINT0102060	chr4	1.48E+08	1.48E+08	+	0.013431
Mtor	MmuINT0102061	chr4	1.48E+08	1.48E+08	+	0.014634
Mtor	MmuINT0102062	chr4	1.48E+08	1.48E+08	+	0.037531
Mtor	MmuINT0102063	chr4	1.48E+08	1.48E+08	+	0.037644
Mtor	MmuINT0102064	chr4	1.48E+08	1.48E+08	+	0.015558
Mtor	MmuINT0102065	chr4	1.48E+08	1.48E+08	+	0.024999
Mtor	MmuINT0102066	chr4	1.48E+08	1.48E+08	+	0.012313
Mtor	MmuINT0102067	chr4	1.48E+08	1.48E+08	+	0.014106
Mtor	MmuINT0102068	chr4	1.48E+08	1.48E+08	+	0.014355
Mtor	MmuINT0102069	chr4	1.48E+08	1.48E+08	+	0.01457
Mtor	MmuINT0102070	chr4	1.48E+08	1.48E+08	+	0.01125
Mtor	MmuINT0102071	chr4	1.48E+08	1.48E+08	+	0.006674
Mtor	MmuINT0102072	chr4	1.48E+08	1.48E+08	+	0.006521
Mtor	MmuINT0102073	chr4	1.48E+08	1.48E+08	+	0.00946
Mtor	MmuINT0102074	chr4	1.48E+08	1.48E+08	+	0.008934
Mtor	MmuINT0102075	chr4	1.48E+08	1.48E+08	+	0.00517
Mtor	MmuINT0102076	chr4	1.48E+08	1.48E+08	+	0.005788
Mtor	MmuINT0102077	chr4	1.48E+08	1.48E+08	+	0.012679
Mtor	MmuINT0102078	chr4	1.48E+08	1.48E+08	+	0.017655
Mtor	MmuINT0102079	chr4	1.48E+08	1.48E+08	+	0.090308

Mtor	MmuINT0102080	chr4	1.48E+08	1.48E+08	+	0.013761
Mtor	MmuINT0102081	chr4	1.48E+08	1.48E+08	+	0.042498
Mtor	MmuINT0102082	chr4	1.48E+08	1.48E+08	+	0.013123
Mtor	MmuINT0102083	chr4	1.48E+08	1.48E+08	+	0.013897
Mtor	MmuINT0102084	chr4	1.48E+08	1.48E+08	+	0.012558
Mtor	MmuINT0102085	chr4	1.48E+08	1.48E+08	+	0.009189
Mtor	MmuINT0102086	chr4	1.48E+08	1.48E+08	+	0.046608
Mtor	MmuINT0102087	chr4	1.48E+08	1.48E+08	+	0.019354
Mtor	MmuINT0102088	chr4	1.48E+08	1.48E+08	+	0.012233
Mtor	MmuINT0102089	chr4	1.48E+08	1.48E+08	+	0.018262
Mtor	MmuINT0102090	chr4	1.48E+08	1.48E+08	+	0.019044
Mtor	MmuINT0102091	chr4	1.48E+08	1.48E+08	+	0.012981
Mtpap	MmuINT0102092	chr18	4375777	4379566	+	0.007062
Mtpap	MmuINT0102093	chr18	4379740	4380651	+	0.013266
Mtpap	MmuINT0102094	chr18	4380886	4383186	+	0.010924
Mtpap	MmuINT0102095	chr18	4383412	4386168	+	0.031686
Mtpap	MmuINT0102096	chr18	4386381	4386950	+	0.02452
Mtpap	MmuINT0102097	chr18	4387178	4394971	+	0.097155
Mtpap	MmuINT0102098	chr18	4395065	4395153	+	0.020183
Mtpap	MmuINT0102099	chr18	4395228	4396102	+	0.009523
Mtpn	MmuINT0102100	chr6	35472796	35489538	-	0.006472
Mtpn	MmuINT0102101	chr6	35471984	35472681	-	0.005867
Mtpn	MmuINT0102102	chr6	35462318	35471899	-	0.006041
Mtr	MmuINT0102103	chr13	12346246	12350128	-	0.024563
Mtr	MmuINT0102104	chr13	12330316	12331915	-	0.035731
Mtr	MmuINT0102105	chr13	12327804	12330247	-	0.034841
Mtr	MmuINT0102106	chr13	12325282	12327723	-	0.037012
Mtr	MmuINT0102107	chr13	12323353	12325168	-	0.020522
Mtr	MmuINT0102108	chr13	12320137	12323211	-	0.028205
Mtr	MmuINT0102109	chr13	12317909	12319950	-	0.019129
Mtr	MmuINT0102110	chr13	12314539	12317728	-	0.016653
Mtr	MmuINT0102111	chr13	12313830	12314421	-	0.022024
Mtr	MmuINT0102112	chr13	12309167	12313688	-	0.021078
Mtr	MmuINT0102113	chr13	12307833	12309076	-	0.026323
Mtr	MmuINT0102114	chr13	12342959	12346030	-	0.032432
Mtr	MmuINT0102115	chr13	12305046	12307679	-	0.022038
Mtr	MmuINT0102116	chr13	12304756	12304937	-	0.024346
Mtr	MmuINT0102117	chr13	12297625	12304654	-	0.038311
Mtr	MmuINT0102118	chr13	12297131	12297556	-	0.032778
Mtr	MmuINT0102119	chr13	12292546	12297009	-	0.860431
Mtr	MmuINT0102120	chr13	12291412	12292463	-	0.008694
Mtr	MmuINT0102121	chr13	12290256	12291312	-	0.008385
Mtr	MmuINT0102122	chr13	12287661	12290179	-	0.032219
Mtr	MmuINT0102123	chr13	12286078	12287504	-	0.009941
Mtr	MmuINT0102124	chr13	12282672	12285880	-	0.023037
Mtr	MmuINT0102125	chr13	12342182	12342868	-	0.044905
Mtr	MmuINT0102126	chr13	12281807	12282470	-	0.028025
Mtr	MmuINT0102127	chr13	12280421	12281613	-	0.016098
Mtr	MmuINT0102128	chr13	12279359	12280307	-	0.001875
Mtr	MmuINT0102129	chr13	12340253	12342111	-	0.040458

Mtr	MmuINT0102130	chr13	12339693	12340159	-	0.036368
Mtr	MmuINT0102131	chr13	12336885	12339585	-	0.035142
Mtr	MmuINT0102132	chr13	12336297	12336821	-	0.049637
Mtr	MmuINT0102133	chr13	12333933	12336201	-	0.043814
Mtr	MmuINT0102134	chr13	12331978	12333831	-	0.023406
Mtrf1	MmuINT0102135	chr14	79797844	79799498	+	0.014172
Mtrf1	MmuINT0102136	chr14	79819094	79823203	+	0.035794
Mtrf1	MmuINT0102137	chr14	79799607	79801228	+	0.013051
Mtrf1	MmuINT0102138	chr14	79801655	79802631	+	0.018892
Mtrf1	MmuINT0102139	chr14	79802724	79806383	+	0.014965
Mtrf1	MmuINT0102140	chr14	79806466	79806652	+	0.019005
Mtrf1	MmuINT0102141	chr14	79806761	79811448	+	0.028751
Mtrf1	MmuINT0102142	chr14	79811622	79812793	+	0.013723
Mtrf1	MmuINT0102143	chr14	79812912	79815684	+	0.010539
Mtrf1	MmuINT0102144	chr14	79815822	79818994	+	0.009074
Mtrf1l	MmuINT0102145	chr10	4523016	4526436	+	0.023973
Mtrf1l	MmuINT0102146	chr10	4526517	4527556	+	0.01724
Mtrf1l	MmuINT0102147	chr10	4527741	4528928	+	0.014135
Mtrf1l	MmuINT0102148	chr10	4529093	4530871	+	0.035557
Mtrf1l	MmuINT0102149	chr10	4530990	4532363	+	0.061069
Mtrf1l	MmuINT0102150	chr10	4532501	4533134	+	0.009092
Mtrr	MmuINT0102151	chr13	68719593	68720941	-	0.038826
Mtrr	MmuINT0102152	chr13	68705132	68705818	-	0.033808
Mtrr	MmuINT0102153	chr13	68704106	68704944	-	0.031249
Mtrr	MmuINT0102154	chr13	68703570	68703986	-	0.016847
Mtrr	MmuINT0102155	chr13	68703380	68703476	-	0.019157
Mtrr	MmuINT0102156	chr13	68701310	68703196	-	0.047313
Mtrr	MmuINT0102157	chr13	68718574	68719427	-	0.023523
Mtrr	MmuINT0102158	chr13	68716583	68718419	-	0.020965
Mtrr	MmuINT0102159	chr13	68714268	68716464	-	0.017612
Mtrr	MmuINT0102160	chr13	68711578	68713894	-	0.057299
Mtrr	MmuINT0102161	chr13	68710101	68711454	-	0.02202
Mtrr	MmuINT0102162	chr13	68708970	68709946	-	0.028311
Mtrr	MmuINT0102164	chr13	68705862	68707648	-	0.079619
Mtss1	MmuINT0102165	chr15	58889978	58913010	-	0.029735
Mtss1	MmuINT0102166	chr15	58779998	58783024	-	0.793679
Mtss1	MmuINT0102168	chr15	58775686	58776871	-	0.251996
Mtss1	MmuINT0102169	chr15	58886647	58889915	-	0.029496
Mtss1	MmuINT0102170	chr15	58804116	58886572	-	0.020501
Mtss1	MmuINT0102171	chr15	58802624	58804030	-	0.021166
Mtss1	MmuINT0102172	chr15	58800469	58802531	-	0.025547
Mtss1	MmuINT0102173	chr15	58788146	58800393	-	0.025475
Mtss1	MmuINT0102174	chr15	58786769	58787987	-	0.016699
Mtss1	MmuINT0102175	chr15	58785167	58786660	-	0.02161
Mtss1	MmuINT0102176	chr15	58783236	58785068	-	0.019598
Mtss1l	MmuINT0102182	chr8	1.13E+08	1.13E+08	+	0.027216
Mtss1l	MmuINT0102183	chr8	1.13E+08	1.13E+08	+	0.008874
Mtss1l	MmuINT0102184	chr8	1.13E+08	1.13E+08	+	0.00897
Mtss1l	MmuINT0102185	chr8	1.13E+08	1.13E+08	+	0.009436
Mtss1l	MmuINT0102186	chr8	1.13E+08	1.13E+08	+	0.013766

Mtss1l	MmuINT0102187	chr8	1.13E+08	1.13E+08	+	0.037566
Mtss1l	MmuINT0102188	chr8	1.13E+08	1.13E+08	+	0.010678
Mtss1l	MmuINT0102189	chr8	1.13E+08	1.13E+08	+	0.008193
Mtss1l	MmuINT0102191	chr8	1.13E+08	1.13E+08	+	0.010646
Mtss1l	MmuINT0102192	chr8	1.13E+08	1.13E+08	+	0.012531
Mtss1l	MmuINT0102193	chr8	1.13E+08	1.13E+08	+	0.454025
Mttp	MmuINT0102197	chr3	1.38E+08	1.38E+08	-	0.069891
Mttp	MmuINT0102198	chr3	1.38E+08	1.38E+08	-	0.03377
Mttp	MmuINT0102199	chr3	1.38E+08	1.38E+08	-	0.065372
Mttp	MmuINT0102200	chr3	1.38E+08	1.38E+08	-	0.084621
Mttp	MmuINT0102201	chr3	1.38E+08	1.38E+08	-	0.02524
Mttp	MmuINT0102202	chr3	1.38E+08	1.38E+08	-	0.041813
Mttp	MmuINT0102203	chr3	1.38E+08	1.38E+08	-	0.040948
Mttp	MmuINT0102204	chr3	1.38E+08	1.38E+08	-	0.030328
Mttp	MmuINT0102205	chr3	1.38E+08	1.38E+08	-	0.016696
Mttp	MmuINT0102206	chr3	1.38E+08	1.38E+08	-	0.039669
Mttp	MmuINT0102207	chr3	1.38E+08	1.38E+08	-	0.08722
Mttp	MmuINT0102208	chr3	1.38E+08	1.38E+08	-	0.048788
Mttp	MmuINT0102209	chr3	1.38E+08	1.38E+08	-	0.061928
Mttp	MmuINT0102210	chr3	1.38E+08	1.38E+08	-	0.036554
Mttp	MmuINT0102211	chr3	1.38E+08	1.38E+08	-	0.090226
Mttp	MmuINT0102212	chr3	1.38E+08	1.38E+08	-	0.038607
Mttp	MmuINT0102213	chr3	1.38E+08	1.38E+08	-	0.033532
Mtus1	MmuINT0102215	chr8	42084886	42084996	-	0.001482
Mtus1	MmuINT0102216	chr8	42083818	42084789	-	0.001219
Mtus1	MmuINT0102217	chr8	42080000	42083700	-	0.003799
Mtus1	MmuINT0102218	chr8	42078988	42079901	-	0.002367
Mtus1	MmuINT0102219	chr8	42161782	42167967	-	0.008278
Mtus1	MmuINT0102220	chr8	42135471	42161585	-	0.011419
Mtus1	MmuINT0102221	chr8	42133441	42135338	-	0.009088
Mtus1	MmuINT0102223	chr8	42087874	42100741	-	0.001412
Mtus1	MmuINT0102224	chr8	42086221	42087658	-	0.002979
Mtus1	MmuINT0102225	chr8	42085071	42086114	-	0.014536
Mtus2	MmuINT0102228	chr5	1.49E+08	1.49E+08	+	0.006076
Mtus2	MmuINT0102229	chr5	1.49E+08	1.49E+08	+	0.004551
Mtus2	MmuINT0102230	chr5	1.49E+08	1.49E+08	+	0.002637
Mtus2	MmuINT0102231	chr5	1.49E+08	1.49E+08	+	0.003441
Mtus2	MmuINT0102232	chr5	1.49E+08	1.49E+08	+	0.005224
Mtus2	MmuINT0102239	chr5	1.49E+08	1.49E+08	+	0.001934
Mtus2	MmuINT0102240	chr5	1.49E+08	1.49E+08	+	0.001859
Mtx1	MmuINT0102242	chr3	89016869	89017734	-	0.08957
Mtx1	MmuINT0102243	chr3	89016685	89016798	-	0.006471
Mtx1	MmuINT0102244	chr3	89014599	89016604	-	0.104275
Mtx1	MmuINT0102245	chr3	89014106	89014187	-	0.040615
Mtx1	MmuINT0102247	chr3	89013344	89013426	-	0.050037
Mtx2	MmuINT0102248	chr2	74664101	74685294	+	0.002662
Mtx2	MmuINT0102249	chr2	74685343	74686355	+	0.002386
Mtx2	MmuINT0102250	chr2	74686403	74697461	+	0.003056
Mtx2	MmuINT0102251	chr2	74697535	74704927	+	0.001957
Mtx2	MmuINT0102252	chr2	74705005	74706376	+	0.001736



Mtx2	MmuINT0102253	chr2	74706470	74706939	+	0.014876
Mtx2	MmuINT0102254	chr2	74706979	74707360	+	0.008845
Mtx2	MmuINT0102255	chr2	74707487	74708464	+	0.004624
Mtx2	MmuINT0102256	chr2	74708542	74714359	+	0.002855
Mtx3	MmuINT0102259	chr13	93615653	93616815	+	0.065284
Mtx3	MmuINT0102260	chr13	93616909	93617492	+	0.029316
Mtx3	MmuINT0102261	chr13	93617676	93617771	+	0.028154
Mtx3	MmuINT0102262	chr13	93617849	93618872	+	0.23737
Mtx3	MmuINT0102263	chr13	93619031	93620244	+	0.401201
Mtx3	MmuINT0102264	chr13	93620334	93622738	+	0.094123
Mudeng	MmuINT0102528	chr14	49686540	49693223	+	0.015834
Mudeng	MmuINT0102529	chr14	49693870	49698369	+	0.083231
Mudeng	MmuINT0102530	chr14	49698598	49699910	+	0.024884
Mudeng	MmuINT0102531	chr14	49700051	49700510	+	0.02566
Mudeng	MmuINT0102532	chr14	49700597	49700685	+	0.023831
Mudeng	MmuINT0102533	chr14	49700805	49703533	+	0.025497
Mudeng	MmuINT0102534	chr14	49703631	49705919	+	0.025358
Mug1	MmuINT0102598	chr6	1.22E+08	1.22E+08	+	0.045085
Mul1	MmuINT0102605	chr4	1.38E+08	1.38E+08	+	0.007625
Mul1	MmuINT0102606	chr4	1.38E+08	1.38E+08	+	0.003314
Mul1	MmuINT0102607	chr4	1.38E+08	1.38E+08	+	0.004066
Mum1	MmuINT0102608	chr10	79689450	79691066	+	0.096994
Mum1	MmuINT0102609	chr10	79702741	79703136	+	0.079146
Mum1	MmuINT0102610	chr10	79703188	79703508	+	0.065006
Mum1	MmuINT0102611	chr10	79703946	79704541	+	0.024903
Mum1	MmuINT0102612	chr10	79704631	79706330	+	0.030809
Mum1	MmuINT0102613	chr10	79691184	79691739	+	0.019474
Mum1	MmuINT0102614	chr10	79691826	79692801	+	0.239126
Mum1	MmuINT0102615	chr10	79692873	79694982	+	0.019645
Mum1	MmuINT0102616	chr10	79695793	79696967	+	0.017037
Mum1	MmuINT0102617	chr10	79697073	79698855	+	0.027029
Mum1	MmuINT0102618	chr10	79698927	79701059	+	0.197522
Mum1	MmuINT0102619	chr10	79701137	79701604	+	0.180134
Mum1	MmuINT0102620	chr10	79701666	79702664	+	0.035824
Mup3	MmuINT0102662	chr4	61747968	61748157	-	0.012275
Murc	MmuINT0102699	chr4	48676902	48684836	+	0.002162
Mus81	MmuINT0102700	chr19	5487892	5487987	-	0.012208
Mus81	MmuINT0102701	chr19	5484230	5484858	-	0.071532
Mus81	MmuINT0102702	chr19	5484026	5484112	-	0.023547
Mus81	MmuINT0102703	chr19	5483764	5483929	-	0.187175
Mus81	MmuINT0102706	chr19	5483030	5483107	-	0.039312
Mus81	MmuINT0102707	chr19	5487108	5487761	-	0.032247
Mus81	MmuINT0102708	chr19	5486589	5487024	-	0.031283
Mus81	MmuINT0102709	chr19	5486349	5486486	-	0.025158
Mus81	MmuINT0102710	chr19	5486115	5486279	-	0.017916
Mus81	MmuINT0102711	chr19	5485626	5486028	-	0.064045
Mus81	MmuINT0102712	chr19	5485354	5485487	-	0.01429
Mus81	MmuINT0102713	chr19	5485161	5485257	-	0.011407
Mus81	MmuINT0102714	chr19	5484957	5485038	-	0.020717
Mustn1	MmuINT0102731	chr14	31692802	31693802	+	0.04138

Mustn1	MmuINT0102732	chr14	31693936	31694109	+	0.025397
Mut	MmuINT0102733	chr17	41071729	41073992	+	0.010302
Mut	MmuINT0102734	chr17	41093288	41095278	+	0.004063
Mut	MmuINT0102735	chr17	41095427	41095650	+	0.001738
Mut	MmuINT0102736	chr17	41095819	41097516	+	0.043183
Mut	MmuINT0102737	chr17	41074412	41075463	+	0.001795
Mut	MmuINT0102738	chr17	41075832	41078264	+	0.002094
Mut	MmuINT0102739	chr17	41078423	41080755	+	0.001399
Mut	MmuINT0102740	chr17	41080928	41083970	+	0.001445
Mut	MmuINT0102741	chr17	41084220	41088703	+	0.00451
Mut	MmuINT0102742	chr17	41088816	41089727	+	0.001349
Mut	MmuINT0102743	chr17	41089844	41092050	+	0.003583
Mut	MmuINT0102744	chr17	41092167	41093155	+	0.001618
Muted	MmuINT0102745	chr13	38722945	38726804	-	0.010633
Muted	MmuINT0102746	chr13	38711089	38722861	-	0.010603
Muted	MmuINT0102747	chr13	38704571	38710958	-	0.009968
Muted	MmuINT0102748	chr13	38695898	38704511	-	0.012182
Mutyh	MmuINT0102753	chr4	1.16E+08	1.16E+08	+	0.05896
Mutyh	MmuINT0102755	chr4	1.16E+08	1.16E+08	+	0.353109
Mvd	MmuINT0102766	chr8	1.25E+08	1.25E+08	-	0.054302
Mvd	MmuINT0102767	chr8	1.25E+08	1.25E+08	-	0.057424
Mvd	MmuINT0102768	chr8	1.25E+08	1.25E+08	-	0.063914
Mvd	MmuINT0102769	chr8	1.25E+08	1.25E+08	-	0.087202
Mvd	MmuINT0102770	chr8	1.25E+08	1.25E+08	-	0.052295
Mvd	MmuINT0102771	chr8	1.25E+08	1.25E+08	-	0.031642
Mvd	MmuINT0102772	chr8	1.25E+08	1.25E+08	-	0.051355
Mvd	MmuINT0102773	chr8	1.25E+08	1.25E+08	-	0.075744
Mvd	MmuINT0102774	chr8	1.25E+08	1.25E+08	-	0.044735
Mvk	MmuINT0102778	chr5	1.15E+08	1.15E+08	+	0.02025
Mvk	MmuINT0102779	chr5	1.15E+08	1.15E+08	+	0.025311
Mvk	MmuINT0102780	chr5	1.15E+08	1.15E+08	+	0.07775
Mvk	MmuINT0102781	chr5	1.15E+08	1.15E+08	+	0.035848
Mvk	MmuINT0102782	chr5	1.15E+08	1.15E+08	+	0.024354
Mvk	MmuINT0102783	chr5	1.15E+08	1.15E+08	+	0.038279
Mvk	MmuINT0102784	chr5	1.15E+08	1.15E+08	+	0.036609
Mvk	MmuINT0102785	chr5	1.15E+08	1.15E+08	+	0.03346
Mvk	MmuINT0102786	chr5	1.15E+08	1.15E+08	+	0.02937
Mvp	MmuINT0102787	chr7	1.34E+08	1.34E+08	-	0.043553
Mvp	MmuINT0102788	chr7	1.34E+08	1.34E+08	-	0.012268
Mvp	MmuINT0102789	chr7	1.34E+08	1.34E+08	-	0.003672
Mvp	MmuINT0102790	chr7	1.34E+08	1.34E+08	-	0.005069
Mvp	MmuINT0102791	chr7	1.34E+08	1.34E+08	-	0.01165
Mvp	MmuINT0102792	chr7	1.34E+08	1.34E+08	-	0.018518
Mvp	MmuINT0102793	chr7	1.34E+08	1.34E+08	-	0.005675
Mvp	MmuINT0102794	chr7	1.34E+08	1.34E+08	-	0.004688
Mvp	MmuINT0102795	chr7	1.34E+08	1.34E+08	-	0.004719
Mvp	MmuINT0102796	chr7	1.34E+08	1.34E+08	-	0.008299
Mvp	MmuINT0102797	chr7	1.34E+08	1.34E+08	-	0.00905
Mvp	MmuINT0102798	chr7	1.34E+08	1.34E+08	-	0.003996
Mvp	MmuINT0102799	chr7	1.34E+08	1.34E+08	-	0.024545

Mvp	MmuINT0102800	chr7	1.34E+08	1.34E+08	-	0.004796
Mx1	MmuINT0102806	chr16	97677967	97678906	-	0.036335
Mx2	MmuINT0102812	chr16	97778286	97780126	+	0.144709
Mx2	MmuINT0102813	chr16	97780376	97781945	+	0.243862
Mx2	MmuINT0102822	chr16	97773674	97777567	+	0.061106
Mxd1	MmuINT0102824	chr6	86613095	86618531	-	0.050716
Mxd1	MmuINT0102826	chr6	86601596	86603078	-	0.071294
Mxd4	MmuINT0102833	chr5	34530078	34530158	-	0.018419
Mxd4	MmuINT0102834	chr5	34526993	34529977	-	0.008408
Mxd4	MmuINT0102835	chr5	34521574	34526962	-	0.10854
Mxd4	MmuINT0102836	chr5	34520410	34521458	-	0.046495
Mxd4	MmuINT0102837	chr5	34519799	34520246	-	0.023769
Mxi1	MmuINT0102840	chr19	53404211	53405840	+	0.008934
Mxi1	MmuINT0102841	chr19	53405974	53420940	+	0.000838
Mxi1	MmuINT0102842	chr19	53420971	53444031	+	0.005511
Mxi1	MmuINT0102843	chr19	53444147	53444679	+	0.003621
Mxra7	MmuINT0102845	chr11	1.17E+08	1.17E+08	-	0.013503
Mxra7	MmuINT0102846	chr11	1.17E+08	1.17E+08	-	0.013344
Mxra8	MmuINT0102848	chr4	1.55E+08	1.55E+08	+	0.015561
Mxra8	MmuINT0102849	chr4	1.55E+08	1.55E+08	+	0.157043
Mxra8	MmuINT0102850	chr4	1.55E+08	1.55E+08	+	0.160826
Mxra8	MmuINT0102851	chr4	1.55E+08	1.55E+08	+	0.225484
Mxra8	MmuINT0102852	chr4	1.55E+08	1.55E+08	+	0.124796
Mxra8	MmuINT0102853	chr4	1.55E+08	1.55E+08	+	0.018105
Mxra8	MmuINT0102854	chr4	1.55E+08	1.55E+08	+	0.123139
Mxra8	MmuINT0102855	chr4	1.55E+08	1.55E+08	+	0.041763
Mxra8	MmuINT0102856	chr4	1.55E+08	1.55E+08	+	0.105073
Myadm	MmuINT0102857	chr7	3293293	3296722	+	0.004772
Mybbp1a	MmuINT0102872	chr11	72255078	72255179	+	0.00904
Mybbp1a	MmuINT0102873	chr11	72258789	72259109	+	0.012285
Mybbp1a	MmuINT0102874	chr11	72259236	72259395	+	0.006322
Mybbp1a	MmuINT0102875	chr11	72259564	72259659	+	0.024345
Mybbp1a	MmuINT0102876	chr11	72259760	72260473	+	0.012441
Mybbp1a	MmuINT0102877	chr11	72260571	72260650	+	0.020446
Mybbp1a	MmuINT0102878	chr11	72260803	72261054	+	0.016791
Mybbp1a	MmuINT0102879	chr11	72261142	72261231	+	0.009462
Mybbp1a	MmuINT0102880	chr11	72261385	72261457	+	0.013223
Mybbp1a	MmuINT0102881	chr11	72261629	72261718	+	0.005779
Mybbp1a	MmuINT0102882	chr11	72261880	72262233	+	0.003379
Mybbp1a	MmuINT0102883	chr11	72255276	72255901	+	0.006137
Mybbp1a	MmuINT0102884	chr11	72262466	72262544	+	0.005259
Mybbp1a	MmuINT0102885	chr11	72262677	72262762	+	0.003593
Mybbp1a	MmuINT0102886	chr11	72262832	72263221	+	0.0237
Mybbp1a	MmuINT0102887	chr11	72263336	72263494	+	0.006198
Mybbp1a	MmuINT0102888	chr11	72263597	72264127	+	0.013011
Mybbp1a	MmuINT0102889	chr11	72264277	72264378	+	0.008011
Mybbp1a	MmuINT0102890	chr11	72255986	72256071	+	0.010348
Mybbp1a	MmuINT0102891	chr11	72256147	72256247	+	0.007768
Mybbp1a	MmuINT0102892	chr11	72256356	72256977	+	0.01932
Mybbp1a	MmuINT0102893	chr11	72257154	72257242	+	0.005454

Mybbp1a	MmuINT0102894	chr11	72257411	72257504	+	0.012585
Mybbp1a	MmuINT0102895	chr11	72257623	72258183	+	0.045024
Mybbp1a	MmuINT0102896	chr11	72258480	72258677	+	0.056755
Mybpc2	MmuINT0102953	chr7	51778279	51779940	-	0.033233
Mybpc2	MmuINT0102954	chr7	51771402	51771512	-	0.013924
Mybpc2	MmuINT0102955	chr7	51770392	51771295	-	0.014803
Mybpc2	MmuINT0102956	chr7	51769204	51770218	-	0.02312
Mybpc2	MmuINT0102957	chr7	51767938	51769037	-	0.01856
Mybpc2	MmuINT0102958	chr7	51767492	51767830	-	0.017417
Mybpc2	MmuINT0102959	chr7	51767319	51767461	-	0.0184
Mybpc2	MmuINT0102961	chr7	51765009	51765100	-	0.023674
Mybpc2	MmuINT0102962	chr7	51764528	51764903	-	0.013999
Mybpc2	MmuINT0102963	chr7	51763736	51764338	-	0.012194
Mybpc2	MmuINT0102964	chr7	51777778	51778200	-	0.024175
Mybpc2	MmuINT0102965	chr7	51762573	51763600	-	0.017993
Mybpc2	MmuINT0102966	chr7	51762267	51762404	-	0.022047
Mybpc2	MmuINT0102967	chr7	51761618	51762177	-	0.01697
Mybpc2	MmuINT0102968	chr7	51761076	51761421	-	0.011702
Mybpc2	MmuINT0102969	chr7	51760766	51760935	-	0.015173
Mybpc2	MmuINT0102970	chr7	51760506	51760605	-	0.01249
Mybpc2	MmuINT0102971	chr7	51759194	51760368	-	0.058662
Mybpc2	MmuINT0102972	chr7	51757213	51759006	-	0.045408
Mybpc2	MmuINT0102973	chr7	51777499	51777690	-	0.018484
Mybpc2	MmuINT0102974	chr7	51777163	51777349	-	0.011408
Mybpc2	MmuINT0102977	chr7	51772375	51775702	-	0.017218
Mybpc2	MmuINT0102978	chr7	51771886	51772180	-	0.011982
Mybpc2	MmuINT0102979	chr7	51771638	51771752	-	0.022794
Mybpc3	MmuINT0102980	chr2	90958375	90959319	+	0.03579
Mybpc3	MmuINT0102981	chr2	90963176	90964042	+	0.01465
Mybpc3	MmuINT0102982	chr2	90964176	90964537	+	0.002144
Mybpc3	MmuINT0102983	chr2	90964666	90964743	+	0.018185
Mybpc3	MmuINT0102984	chr2	90964850	90964933	+	0.00643
Mybpc3	MmuINT0102985	chr2	90965101	90965415	+	0.000704
Mybpc3	MmuINT0102986	chr2	90965582	90966102	+	0.000598
Mybpc3	MmuINT0102987	chr2	90966210	90966420	+	0.000155
Mybpc3	MmuINT0102988	chr2	90966451	90968809	+	0.020372
Mybpc3	MmuINT0102989	chr2	90968950	90969156	+	0.000235
Mybpc3	MmuINT0102990	chr2	90969238	90970943	+	0.000937
Mybpc3	MmuINT0102991	chr2	90959587	90960134	+	0.004819
Mybpc3	MmuINT0102992	chr2	90971104	90971529	+	0.001336
Mybpc3	MmuINT0102993	chr2	90971635	90971720	+	0.003543
Mybpc3	MmuINT0102994	chr2	90971910	90972795	+	0.002828
Mybpc3	MmuINT0102995	chr2	90972931	90973009	+	0.000382
Mybpc3	MmuINT0102996	chr2	90973178	90974327	+	0.000565
Mybpc3	MmuINT0102997	chr2	90974417	90974570	+	0.001508
Mybpc3	MmuINT0102998	chr2	90974767	90974946	+	0.00909
Mybpc3	MmuINT0102999	chr2	90975087	90975248	+	0.008294
Mybpc3	MmuINT0103000	chr2	90975409	90975503	+	0.008846
Mybpc3	MmuINT0103001	chr2	90975641	90975892	+	0.004287
Mybpc3	MmuINT0103002	chr2	90960234	90960312	+	0.000564

Mybpc3	MmuINT0103003	chr2	90976080	90976260	+	0.025322
Mybpc3	MmuINT0103004	chr2	90976299	90976399	+	0.017929
Mybpc3	MmuINT0103005	chr2	90960421	90960508	+	0.002161
Mybpc3	MmuINT0103006	chr2	90960658	90961181	+	0.004352
Mybpc3	MmuINT0103007	chr2	90961300	90961676	+	0.000986
Mybpc3	MmuINT0103008	chr2	90961726	90961888	+	0.00028
Mybpc3	MmuINT0103009	chr2	90961919	90962058	+	0.005837
Mybph	MmuINT0103012	chr1	1.36E+08	1.36E+08	+	0.963577
Mybph	MmuINT0103018	chr1	1.36E+08	1.36E+08	+	0.975558
Mybph	MmuINT0103019	chr1	1.36E+08	1.36E+08	+	0.981109
Myc	MmuINT0103028	chr15	61817507	61819061	+	0.660674
Mycbp	MmuINT0103029	chr4	1.24E+08	1.24E+08	+	0.01883
Mycbp	MmuINT0103030	chr4	1.24E+08	1.24E+08	+	0.012713
Mycbp	MmuINT0103031	chr4	1.24E+08	1.24E+08	+	0.014416
Mycbp	MmuINT0103032	chr4	1.24E+08	1.24E+08	+	0.01049
Mycbp2	MmuINT0103036	chr14	1.04E+08	1.04E+08	-	0.028328
Mycbp2	MmuINT0103037	chr14	1.04E+08	1.04E+08	-	0.03703
Mycbp2	MmuINT0103038	chr14	1.04E+08	1.04E+08	-	0.036889
Mycbp2	MmuINT0103039	chr14	1.04E+08	1.04E+08	-	0.038958
Mycbp2	MmuINT0103040	chr14	1.04E+08	1.04E+08	-	0.039713
Mycbp2	MmuINT0103043	chr14	1.04E+08	1.04E+08	-	0.041322
Mycbp2	MmuINT0103045	chr14	1.04E+08	1.04E+08	-	0.059448
Mycbp2	MmuINT0103048	chr14	1.04E+08	1.04E+08	-	0.033171
Mycbp2	MmuINT0103049	chr14	1.04E+08	1.04E+08	-	0.036836
Mycbp2	MmuINT0103050	chr14	1.04E+08	1.04E+08	-	0.03436
Mycbp2	MmuINT0103051	chr14	1.04E+08	1.04E+08	-	0.031024
Mycbp2	MmuINT0103052	chr14	1.04E+08	1.04E+08	-	0.034887
Mycbp2	MmuINT0103053	chr14	1.04E+08	1.04E+08	-	0.056965
Mycbp2	MmuINT0103055	chr14	1.04E+08	1.04E+08	-	0.032154
Mycbp2	MmuINT0103056	chr14	1.04E+08	1.04E+08	-	0.053432
Mycbp2	MmuINT0103057	chr14	1.04E+08	1.04E+08	-	0.038077
Mycbp2	MmuINT0103059	chr14	1.04E+08	1.04E+08	-	0.02233
Mycbp2	MmuINT0103060	chr14	1.04E+08	1.04E+08	-	0.04208
Mycbp2	MmuINT0103061	chr14	1.04E+08	1.04E+08	-	0.024998
Mycbp2	MmuINT0103062	chr14	1.04E+08	1.04E+08	-	0.029664
Mycbp2	MmuINT0103063	chr14	1.04E+08	1.04E+08	-	0.040257
Mycbp2	MmuINT0103064	chr14	1.04E+08	1.04E+08	-	0.040947
Mycbp2	MmuINT0103065	chr14	1.04E+08	1.04E+08	-	0.045326
Mycbp2	MmuINT0103067	chr14	1.04E+08	1.04E+08	-	0.03597
Mycbp2	MmuINT0103068	chr14	1.04E+08	1.04E+08	-	0.036518
Mycbp2	MmuINT0103069	chr14	1.04E+08	1.04E+08	-	0.037416
Mycbp2	MmuINT0103070	chr14	1.04E+08	1.04E+08	-	0.047005
Mycbp2	MmuINT0103071	chr14	1.04E+08	1.04E+08	-	0.04169
Mycbp2	MmuINT0103072	chr14	1.04E+08	1.04E+08	-	0.030596
Mycbp2	MmuINT0103073	chr14	1.04E+08	1.04E+08	-	0.029264
Mycbp2	MmuINT0103074	chr14	1.04E+08	1.04E+08	-	0.041801
Mycbp2	MmuINT0103075	chr14	1.04E+08	1.04E+08	-	0.046804
Mycbp2	MmuINT0103076	chr14	1.04E+08	1.04E+08	-	0.035458
Mycbp2	MmuINT0103078	chr14	1.04E+08	1.04E+08	-	0.05004
Mycbp2	MmuINT0103079	chr14	1.04E+08	1.04E+08	-	0.034683

Mycbp2	MmuINT0103082	chr14	1.04E+08	1.04E+08	-	0.026625
Mycbp2	MmuINT0103083	chr14	1.04E+08	1.04E+08	-	0.023341
Mycbp2	MmuINT0103086	chr14	1.04E+08	1.04E+08	-	0.017572
Mycbp2	MmuINT0103087	chr14	1.04E+08	1.04E+08	-	0.021873
Mycbp2	MmuINT0103089	chr14	1.04E+08	1.04E+08	-	0.018277
Mycbp2	MmuINT0103090	chr14	1.04E+08	1.04E+08	-	0.015282
Mycbp2	MmuINT0103092	chr14	1.04E+08	1.04E+08	-	0.01602
Mycbp2	MmuINT0103093	chr14	1.04E+08	1.04E+08	-	0.036243
Mycbp2	MmuINT0103094	chr14	1.04E+08	1.04E+08	-	0.017882
Mycbp2	MmuINT0103095	chr14	1.04E+08	1.04E+08	-	0.021018
Mycbp2	MmuINT0103096	chr14	1.04E+08	1.04E+08	-	0.018461
Mycbp2	MmuINT0103097	chr14	1.04E+08	1.04E+08	-	0.014587
Mycbp2	MmuINT0103098	chr14	1.04E+08	1.04E+08	-	0.015399
Mycbp2	MmuINT0103100	chr14	1.04E+08	1.04E+08	-	0.162772
Mycbp2	MmuINT0103101	chr14	1.04E+08	1.04E+08	-	0.016471
Mycbp2	MmuINT0103102	chr14	1.04E+08	1.04E+08	-	0.015517
Mycbp2	MmuINT0103103	chr14	1.04E+08	1.04E+08	-	0.019346
Mycbp2	MmuINT0103104	chr14	1.04E+08	1.04E+08	-	0.01806
Mycbp2	MmuINT0103105	chr14	1.04E+08	1.04E+08	-	0.016351
Mycbp2	MmuINT0103106	chr14	1.04E+08	1.04E+08	-	0.011151
Mycbp2	MmuINT0103107	chr14	1.04E+08	1.04E+08	-	0.010432
Mycbp2	MmuINT0103108	chr14	1.04E+08	1.04E+08	-	0.020041
Mycbp2	MmuINT0103109	chr14	1.04E+08	1.04E+08	-	0.011669
Mycbp2	MmuINT0103110	chr14	1.04E+08	1.04E+08	-	0.038505
Mycbp2	MmuINT0103111	chr14	1.04E+08	1.04E+08	-	0.041863
Mycbp2	MmuINT0103112	chr14	1.04E+08	1.04E+08	-	0.010477
Mycbp2	MmuINT0103113	chr14	1.04E+08	1.04E+08	-	0.015882
Mycbp2	MmuINT0103114	chr14	1.04E+08	1.04E+08	-	0.020174
Mycbp2	MmuINT0103115	chr14	1.04E+08	1.04E+08	-	0.02542
Myct1	MmuINT0103138	chr10	4742355	4752639	-	0.012279
Myd88	MmuINT0103139	chr9	1.19E+08	1.19E+08	-	0.058147
Myd88	MmuINT0103140	chr9	1.19E+08	1.19E+08	-	0.048587
Myd88	MmuINT0103141	chr9	1.19E+08	1.19E+08	-	0.063209
Myd88	MmuINT0103142	chr9	1.19E+08	1.19E+08	-	0.018052
Myd88	MmuINT0103143	chr9	1.19E+08	1.19E+08	-	0.013361
Myef2	MmuINT0103149	chr2	1.25E+08	1.25E+08	-	0.416799
Myef2	MmuINT0103150	chr2	1.25E+08	1.25E+08	-	0.197319
Myef2	MmuINT0103151	chr2	1.25E+08	1.25E+08	-	0.221966
Myef2	MmuINT0103152	chr2	1.25E+08	1.25E+08	-	0.26625
Myeov2	MmuINT0103163	chr1	94533981	94536263	-	0.002608
Myg1	MmuINT0103168	chr15	1.02E+08	1.02E+08	+	0.061075
Myg1	MmuINT0103169	chr15	1.02E+08	1.02E+08	+	0.118995
Myg1	MmuINT0103170	chr15	1.02E+08	1.02E+08	+	0.049876
Myg1	MmuINT0103171	chr15	1.02E+08	1.02E+08	+	0.010227
Myg1	MmuINT0103172	chr15	1.02E+08	1.02E+08	+	0.011429
Myg1	MmuINT0103173	chr15	1.02E+08	1.02E+08	+	0.011282
Myh10	MmuINT0103213	chr11	68505685	68512711	+	0.027487
Myh10	MmuINT0103214	chr11	68576436	68577737	+	0.026623
Myh10	MmuINT0103215	chr11	68577857	68578542	+	0.024676
Myh10	MmuINT0103216	chr11	68578696	68581700	+	0.018724

Myh10	MmuINT0103217	chr11	68581875	68584385	+	0.026787
Myh10	MmuINT0103218	chr11	68584560	68585373	+	0.026107
Myh10	MmuINT0103219	chr11	68585489	68596607	+	0.027024
Myh10	MmuINT0103220	chr11	68596802	68596884	+	0.037188
Myh10	MmuINT0103221	chr11	68597007	68598428	+	0.023644
Myh10	MmuINT0103222	chr11	68598499	68598697	+	0.020473
Myh10	MmuINT0103223	chr11	68598859	68599119	+	0.020032
Myh10	MmuINT0103224	chr11	68513088	68534821	+	0.022534
Myh10	MmuINT0103225	chr11	68599229	68599326	+	0.020258
Myh10	MmuINT0103226	chr11	68599459	68600839	+	0.022609
Myh10	MmuINT0103227	chr11	68601047	68603606	+	0.012494
Myh10	MmuINT0103228	chr11	68603745	68604118	+	0.016063
Myh10	MmuINT0103229	chr11	68604243	68605364	+	0.014384
Myh10	MmuINT0103230	chr11	68605537	68606557	+	0.012864
Myh10	MmuINT0103231	chr11	68606771	68610833	+	0.014016
Myh10	MmuINT0103232	chr11	68610979	68611751	+	0.01352
Myh10	MmuINT0103233	chr11	68611959	68614316	+	0.013294
Myh10	MmuINT0103234	chr11	68614422	68615078	+	0.017118
Myh10	MmuINT0103235	chr11	68534979	68547889	+	0.018169
Myh10	MmuINT0103236	chr11	68615232	68615609	+	0.012084
Myh10	MmuINT0103237	chr11	68615859	68616341	+	0.011278
Myh10	MmuINT0103238	chr11	68616555	68618128	+	0.022539
Myh10	MmuINT0103239	chr11	68618342	68620626	+	0.01424
Myh10	MmuINT0103240	chr11	68620789	68622294	+	0.014203
Myh10	MmuINT0103241	chr11	68622424	68623661	+	0.023318
Myh10	MmuINT0103242	chr11	68623751	68625102	+	0.032934
Myh10	MmuINT0103243	chr11	68625227	68625298	+	0.014095
Myh10	MmuINT0103244	chr11	68625508	68626470	+	0.015618
Myh10	MmuINT0103245	chr11	68626580	68627883	+	0.035642
Myh10	MmuINT0103246	chr11	68547918	68558818	+	0.018379
Myh10	MmuINT0103247	chr11	68628057	68628428	+	0.018023
Myh10	MmuINT0103248	chr11	68558922	68565443	+	0.02607
Myh10	MmuINT0103249	chr11	68565537	68573247	+	0.031972
Myh10	MmuINT0103250	chr11	68573312	68574154	+	0.046683
Myh10	MmuINT0103251	chr11	68574254	68576012	+	0.028725
Myh10	MmuINT0103252	chr11	68576157	68576339	+	0.024067
Myh11	MmuINT0103271	chr16	14212824	14215828	-	0.02333
Myh11	MmuINT0103272	chr16	14211464	14212610	-	0.020678
Myh11	MmuINT0103273	chr16	14209811	14211318	-	0.023274
Myh11	MmuINT0103279	chr16	14205807	14206003	-	0.02203
Myh11	MmuINT0103280	chr16	14205362	14205593	-	0.021485
Myh11	MmuINT0103281	chr16	14204853	14205199	-	0.030236
Myh11	MmuINT0103282	chr16	14204507	14204723	-	0.036626
Myh11	MmuINT0103283	chr16	14203330	14204417	-	0.038275
Myh11	MmuINT0103284	chr16	14202365	14203205	-	0.030442
Myh11	MmuINT0103285	chr16	14201171	14202155	-	0.023019
Myh11	MmuINT0103286	chr16	14200961	14201061	-	0.015682
Myh14	MmuINT0103333	chr7	51916435	51920474	-	0.006804
Myh14	MmuINT0103334	chr7	51894759	51896430	-	0.005568
Myh14	MmuINT0103335	chr7	51894487	51894605	-	0.003985

Myh14	MmuINT0103336	chr7	51893834	51894312	-	0.004383
Myh14	MmuINT0103337	chr7	51893250	51893659	-	0.00439
Myh14	MmuINT0103338	chr7	51889917	51893134	-	0.032343
Myh14	MmuINT0103339	chr7	51888967	51889728	-	0.005913
Myh14	MmuINT0103340	chr7	51888375	51888844	-	0.008332
Myh14	MmuINT0103341	chr7	51887914	51888304	-	0.004182
Myh14	MmuINT0103342	chr7	51887030	51887752	-	0.006243
Myh14	MmuINT0103343	chr7	51886216	51886920	-	0.005275
Myh14	MmuINT0103344	chr7	51913612	51916277	-	0.01048
Myh14	MmuINT0103345	chr7	51885434	51886083	-	0.003636
Myh14	MmuINT0103346	chr7	51884768	51885226	-	0.00301
Myh14	MmuINT0103347	chr7	51884259	51884629	-	0.00414
Myh14	MmuINT0103348	chr7	51884010	51884134	-	0.002575
Myh14	MmuINT0103349	chr7	51882595	51883837	-	0.002371
Myh14	MmuINT0103350	chr7	51880879	51882381	-	0.002488
Myh14	MmuINT0103351	chr7	51880543	51880733	-	0.002596
Myh14	MmuINT0103352	chr7	51879795	51880335	-	0.003996
Myh14	MmuINT0103353	chr7	51879601	51879689	-	0.004205
Myh14	MmuINT0103354	chr7	51878595	51879447	-	0.003203
Myh14	MmuINT0103355	chr7	51913408	51913583	-	0.007686
Myh14	MmuINT0103356	chr7	51877321	51878345	-	0.005212
Myh14	MmuINT0103357	chr7	51871683	51877107	-	0.004129
Myh14	MmuINT0103358	chr7	51870877	51871469	-	0.00237
Myh14	MmuINT0103359	chr7	51869792	51870714	-	0.002479
Myh14	MmuINT0103360	chr7	51869101	51869662	-	0.003519
Myh14	MmuINT0103361	chr7	51868929	51869011	-	0.007079
Myh14	MmuINT0103362	chr7	51867102	51868804	-	0.002908
Myh14	MmuINT0103363	chr7	51863914	51866892	-	0.006981
Myh14	MmuINT0103364	chr7	51862174	51863804	-	0.004884
Myh14	MmuINT0103365	chr7	51861734	51862000	-	0.008567
Myh14	MmuINT0103366	chr7	51911055	51913304	-	0.005912
Myh14	MmuINT0103367	chr7	51910656	51910961	-	0.00534
Myh14	MmuINT0103368	chr7	51909425	51910591	-	0.006929
Myh14	MmuINT0103369	chr7	51907942	51909325	-	0.009089
Myh14	MmuINT0103370	chr7	51898930	51907800	-	0.004889
Myh14	MmuINT0103371	chr7	51896550	51898833	-	0.007313
Myh6	MmuINT0103529	chr14	55584737	55585390	-	0.812789
Myh6	MmuINT0103530	chr14	55580108	55580565	-	0.024609
Myh6	MmuINT0103531	chr14	55579921	55580003	-	0.000825
Myh6	MmuINT0103532	chr14	55579376	55579781	-	0.000251
Myh6	MmuINT0103535	chr14	55576668	55577286	-	0.021492
Myh6	MmuINT0103536	chr14	55576272	55576596	-	0.017673
Myh6	MmuINT0103537	chr14	55576098	55576183	-	0.000624
Myh6	MmuINT0103540	chr14	55572791	55575338	-	0.006922
Myh6	MmuINT0103541	chr14	55572369	55572534	-	0.00002
Myh6	MmuINT0103542	chr14	55571968	55572125	-	0.000018
Myh6	MmuINT0103544	chr14	55571174	55571410	-	0.003151
Myh6	MmuINT0103545	chr14	55569491	55571082	-	0.007971
Myh6	MmuINT0103546	chr14	55569016	55569100	-	0.001331
Myh6	MmuINT0103547	chr14	55568801	55568888	-	0.000296



Myh6	MmuINT0103548	chr14	55568372	55568681	-	0.000172
Myh6	MmuINT0103550	chr14	55582877	55584096	-	0.000084
Myh6	MmuINT0103552	chr14	55567043	55567128	-	0.000306
Myh6	MmuINT0103553	chr14	55566060	55566917	-	0.000204
Myh6	MmuINT0103554	chr14	55565354	55565750	-	0.026463
Myh6	MmuINT0103557	chr14	55562081	55563114	-	0.004226
Myh6	MmuINT0103559	chr14	55560839	55561189	-	0.010828
Myh6	MmuINT0103560	chr14	55582496	55582732	-	0.000189
Myh6	MmuINT0103562	chr14	55581970	55582216	-	0.004207
Myh6	MmuINT0103563	chr14	55581616	55581857	-	0.000028
Myh6	MmuINT0103564	chr14	55580955	55581522	-	0.000626
Myh6	MmuINT0103565	chr14	55580665	55580890	-	0.000244
Myh7	MmuINT0103566	chr14	55612463	55613347	-	0.946443
Myh7	MmuINT0103567	chr14	55609241	55609578	-	0.787059
Myh7	MmuINT0103568	chr14	55608919	55609141	-	0.712041
Myh7	MmuINT0103569	chr14	55608231	55608814	-	0.860254
Myh7	MmuINT0103570	chr14	55608000	55608091	-	0.182521
Myh7	MmuINT0103571	chr14	55607762	55607880	-	0.163671
Myh7	MmuINT0103574	chr14	55605774	55606057	-	0.130013
Myh7	MmuINT0103575	chr14	55605385	55605705	-	0.265733
Myh7	MmuINT0103576	chr14	55604680	55605296	-	0.126574
Myh7	MmuINT0103577	chr14	55612197	55612424	-	0.815595
Myh7	MmuINT0103580	chr14	55603644	55603890	-	0.148627
Myh7	MmuINT0103581	chr14	55602623	55603387	-	0.031259
Myh7	MmuINT0103582	chr14	55602256	55602379	-	0.059848
Myh7	MmuINT0103584	chr14	55599249	55601002	-	0.090093
Myh7	MmuINT0103585	chr14	55598400	55599157	-	0.980339
Myh7	MmuINT0103586	chr14	55597831	55598009	-	0.022402
Myh7	MmuINT0103587	chr14	55597539	55597703	-	0.646838
Myh7	MmuINT0103588	chr14	55611719	55612140	-	0.689154
Myh7	MmuINT0103589	chr14	55594913	55597419	-	0.8674
Myh7	MmuINT0103592	chr14	55593604	55593748	-	0.742806
Myh7	MmuINT0103595	chr14	55590558	55591524	-	0.04125
Myh7	MmuINT0103597	chr14	55611221	55611509	-	0.632728
Myh7	MmuINT0103598	chr14	55589648	55590213	-	0.957004
Myh7	MmuINT0103599	chr14	55610832	55611076	-	0.506472
Myh7	MmuINT0103601	chr14	55610038	55610552	-	0.640068
Myh7	MmuINT0103602	chr14	55609846	55609928	-	0.788455
Myh7	MmuINT0103603	chr14	55609643	55609752	-	0.862234
Myh7b	MmuINT0103610	chr2	1.55E+08	1.55E+08	+	0.009733
Myh7b	MmuINT0103618	chr2	1.55E+08	1.55E+08	+	0.045453
Myh7b	MmuINT0103620	chr2	1.55E+08	1.55E+08	+	0.012302
Myh7b	MmuINT0103621	chr2	1.55E+08	1.55E+08	+	0.033563
Myh7b	MmuINT0103622	chr2	1.55E+08	1.55E+08	+	0.0034
Myh7b	MmuINT0103623	chr2	1.55E+08	1.55E+08	+	0.087081
Myh7b	MmuINT0103624	chr2	1.55E+08	1.55E+08	+	0.037951
Myh7b	MmuINT0103625	chr2	1.55E+08	1.55E+08	+	0.031533
Myh7b	MmuINT0103627	chr2	1.55E+08	1.55E+08	+	0.087606
Myh7b	MmuINT0103628	chr2	1.55E+08	1.55E+08	+	0.020107
Myh7b	MmuINT0103629	chr2	1.55E+08	1.55E+08	+	0.017027

Myh7b	MmuINT0103630	chr2	1.55E+08	1.55E+08	+	0.158149
Myh7b	MmuINT0103631	chr2	1.55E+08	1.55E+08	+	0.046192
Myh7b	MmuINT0103632	chr2	1.55E+08	1.55E+08	+	0.102984
Myh7b	MmuINT0103633	chr2	1.55E+08	1.55E+08	+	0.021862
Myh7b	MmuINT0103634	chr2	1.55E+08	1.55E+08	+	0.020065
Myh7b	MmuINT0103635	chr2	1.55E+08	1.55E+08	+	0.086536
Myh7b	MmuINT0103636	chr2	1.55E+08	1.55E+08	+	0.056374
Myh7b	MmuINT0103638	chr2	1.55E+08	1.55E+08	+	0.510174
Myh7b	MmuINT0103639	chr2	1.55E+08	1.55E+08	+	0.235844
Myh9	MmuINT0103684	chr15	77643662	77672386	-	0.017748
Myh9	MmuINT0103685	chr15	77619468	77620297	-	0.007157
Myh9	MmuINT0103686	chr15	77618093	77619348	-	0.011408
Myh9	MmuINT0103687	chr15	77617091	77617939	-	0.023683
Myh9	MmuINT0103688	chr15	77615697	77616916	-	0.010729
Myh9	MmuINT0103689	chr15	77613934	77615522	-	0.006593
Myh9	MmuINT0103690	chr15	77611946	77613818	-	0.013684
Myh9	MmuINT0103691	chr15	77611663	77611751	-	0.013899
Myh9	MmuINT0103692	chr15	77610490	77611540	-	0.006962
Myh9	MmuINT0103693	chr15	77608359	77610419	-	0.006976
Myh9	MmuINT0103694	chr15	77607430	77608197	-	0.007593
Myh9	MmuINT0103695	chr15	77638455	77643309	-	0.00695
Myh9	MmuINT0103696	chr15	77606365	77607320	-	0.008778
Myh9	MmuINT0103697	chr15	77605711	77606232	-	0.005497
Myh9	MmuINT0103698	chr15	77605125	77605503	-	0.008273
Myh9	MmuINT0103699	chr15	77604489	77604986	-	0.004867
Myh9	MmuINT0103700	chr15	77603874	77604364	-	0.006224
Myh9	MmuINT0103701	chr15	77602467	77603701	-	0.00522
Myh9	MmuINT0103702	chr15	77601700	77602253	-	0.009073
Myh9	MmuINT0103703	chr15	77600404	77601554	-	0.004738
Myh9	MmuINT0103704	chr15	77600040	77600196	-	0.005689
Myh9	MmuINT0103705	chr15	77599784	77599934	-	0.005303
Myh9	MmuINT0103706	chr15	77627459	77638297	-	0.007622
Myh9	MmuINT0103707	chr15	77599471	77599630	-	0.00495
Myh9	MmuINT0103708	chr15	77598094	77599221	-	0.004568
Myh9	MmuINT0103709	chr15	77597774	77597880	-	0.004204
Myh9	MmuINT0103710	chr15	77597306	77597560	-	0.004146
Myh9	MmuINT0103711	chr15	77596259	77597143	-	0.007422
Myh9	MmuINT0103712	chr15	77595024	77596129	-	0.029408
Myh9	MmuINT0103713	chr15	77594854	77594934	-	0.008335
Myh9	MmuINT0103714	chr15	77594431	77594729	-	0.01428
Myh9	MmuINT0103715	chr15	77593761	77594221	-	0.015484
Myh9	MmuINT0103716	chr15	77593555	77593651	-	0.006647
Myh9	MmuINT0103717	chr15	77626485	77627430	-	0.012198
Myh9	MmuINT0103718	chr15	77592447	77593381	-	0.008816
Myh9	MmuINT0103719	chr15	77622777	77626390	-	0.025914
Myh9	MmuINT0103720	chr15	77622210	77622683	-	0.014029
Myh9	MmuINT0103721	chr15	77621577	77622145	-	0.020015
Myh9	MmuINT0103722	chr15	77621278	77621477	-	0.005978
Myh9	MmuINT0103723	chr15	77620394	77621133	-	0.0067
Myl1	MmuINT0103724	chr1	66981117	66981849	-	0.041909

Myl1	MmuINT0103725	chr1	66976904	66981091	-	0.009302
Myl1	MmuINT0103730	chr1	66980848	66991365	-	0.043647
Myl12b	MmuINT0103735	chr17	71326587	71339812	-	0.005891
Myl12b	MmuINT0103736	chr17	71324961	71326387	-	0.049295
Myl2	MmuINT0103738	chr5	1.23E+08	1.23E+08	+	0.006196
Myl2	MmuINT0103739	chr5	1.23E+08	1.23E+08	+	0.000474
Myl2	MmuINT0103740	chr5	1.23E+08	1.23E+08	+	0.00046
Myl2	MmuINT0103741	chr5	1.23E+08	1.23E+08	+	0.000548
Myl2	MmuINT0103742	chr5	1.23E+08	1.23E+08	+	0.00049
Myl2	MmuINT0103743	chr5	1.23E+08	1.23E+08	+	0.003338
Myl3	MmuINT0103744	chr9	1.11E+08	1.11E+08	+	0.002747
Myl3	MmuINT0103745	chr9	1.11E+08	1.11E+08	+	0.000167
Myl3	MmuINT0103746	chr9	1.11E+08	1.11E+08	+	0.001346
Myl3	MmuINT0103747	chr9	1.11E+08	1.11E+08	+	0.000701
Myl3	MmuINT0103748	chr9	1.11E+08	1.11E+08	+	0.000152
Myl3	MmuINT0103749	chr9	1.11E+08	1.11E+08	+	0.022282
Myl4	MmuINT0103752	chr11	1.04E+08	1.04E+08	+	0.042862
Myl4	MmuINT0103753	chr11	1.04E+08	1.04E+08	+	0.049284
Myl4	MmuINT0103754	chr11	1.04E+08	1.04E+08	+	0.047381
Myl4	MmuINT0103755	chr11	1.04E+08	1.04E+08	+	0.049336
Myl4	MmuINT0103756	chr11	1.04E+08	1.04E+08	+	0.124164
Myl6b	MmuINT0103763	chr10	1.28E+08	1.28E+08	-	0.087963
Myl6b	MmuINT0103764	chr10	1.28E+08	1.28E+08	-	0.045878
Myl6b	MmuINT0103765	chr10	1.28E+08	1.28E+08	-	0.116837
Myl6b	MmuINT0103766	chr10	1.28E+08	1.28E+08	-	0.047151
Myl6b	MmuINT0103767	chr10	1.28E+08	1.28E+08	-	0.075956
Myl6b	MmuINT0103768	chr10	1.28E+08	1.28E+08	-	0.063058
Myl9	MmuINT0103775	chr2	1.57E+08	1.57E+08	+	0.008498
Myl9	MmuINT0103776	chr2	1.57E+08	1.57E+08	+	0.005305
Myl9	MmuINT0103777	chr2	1.57E+08	1.57E+08	+	0.004795
Mylip	MmuINT0103778	chr13	45486749	45499768	+	0.07732
Mylip	MmuINT0103779	chr13	45499955	45501261	+	0.014036
Mylip	MmuINT0103780	chr13	45501460	45501925	+	0.022009
Mylip	MmuINT0103781	chr13	45502091	45503724	+	0.029072
Mylk	MmuINT0103792	chr16	34952916	34953664	+	0.06042
Mylk	MmuINT0103794	chr16	34953793	34956468	+	0.343369
Mylk	MmuINT0103795	chr16	34956623	34963629	+	0.275976
Mylk	MmuINT0103796	chr16	34963933	34971327	+	0.021471
Mylk	MmuINT0103797	chr16	34971361	34971459	+	0.014864
Mylk	MmuINT0103798	chr16	34971554	34971904	+	0.022769
Mylk	MmuINT0103799	chr16	34972109	34976970	+	0.018522
Mylk	MmuINT0103800	chr16	34977189	34979257	+	0.047179
Mylk	MmuINT0103801	chr16	34979382	34986526	+	0.017528
Mylk	MmuINT0103802	chr16	34986680	34988967	+	0.208827
Mylk	MmuINT0103803	chr16	34989092	34995159	+	0.055223
Mylk	MmuINT0103805	chr16	34995290	34996810	+	0.021454
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Mylk3	MmuINT0103824	chr8	87884473	87888587	-	0.000672
Mylk3	MmuINT0103825	chr8	87852583	87860266	-	0.001315
Mylk3	MmuINT0103826	chr8	87851180	87852429	-	0.00151

Mylk3	MmuINT0103827	chr8	87849420	87851046	-	0.005352
Mylk3	MmuINT0103828	chr8	87883223	87884378	-	0.002101
Mylk3	MmuINT0103829	chr8	87879467	87882813	-	0.000577
Mylk3	MmuINT0103830	chr8	87877566	87879065	-	0.000296
Mylk3	MmuINT0103831	chr8	87876830	87877459	-	0.003213
Mylk3	MmuINT0103832	chr8	87875972	87876735	-	0.008118
Mylk3	MmuINT0103833	chr8	87874404	87875861	-	0.000316
Mylk3	MmuINT0103834	chr8	87866627	87874261	-	0.001417
Mylk3	MmuINT0103835	chr8	87860396	87866555	-	0.009733
Mylk4	MmuINT0103837	chr13	32800816	32804626	-	0.018336
Mylk4	MmuINT0103838	chr13	32797085	32800748	-	0.003719
Mylk4	MmuINT0103840	chr13	32814106	32816647	-	0.003425
Mylk4	MmuINT0103841	chr13	32813937	32814011	-	0.00476
Mylk4	MmuINT0103842	chr13	32812471	32813826	-	0.004812
Mylk4	MmuINT0103843	chr13	32809490	32812328	-	0.014181
Mylk4	MmuINT0103844	chr13	32808654	32809418	-	0.014421
Mylk4	MmuINT0103845	chr13	32807881	32808524	-	0.001961
Mylk4	MmuINT0103846	chr13	32804706	32807727	-	0.008038
Mynn	MmuINT0103853	chr3	30501618	30502425	+	0.028698
Mynn	MmuINT0103854	chr3	30502723	30505958	+	0.038963
Mynn	MmuINT0103855	chr3	30506753	30507906	+	0.01808
Mynn	MmuINT0103856	chr3	30508067	30510362	+	0.017669
Mynn	MmuINT0103857	chr3	30510542	30511390	+	0.101549
Mynn	MmuINT0103858	chr3	30511475	30512473	+	0.096342
Mynn	MmuINT0103859	chr3	30512561	30515472	+	0.038621
Myo10	MmuINT0103860	chr15	25552786	25596180	+	0.021579
Myo10	MmuINT0103861	chr15	25661855	25663742	+	0.016761
Myo10	MmuINT0103862	chr15	25663862	25665700	+	0.014751
Myo10	MmuINT0103863	chr15	25665848	25666155	+	0.013343
Myo10	MmuINT0103864	chr15	25666257	25666349	+	0.041516
Myo10	MmuINT0103865	chr15	25666417	25667204	+	0.027417
Myo10	MmuINT0103866	chr15	25667298	25667711	+	0.014951
Myo10	MmuINT0103867	chr15	25667781	25669041	+	0.025326
Myo10	MmuINT0103868	chr15	25669125	25672095	+	0.019028
Myo10	MmuINT0103869	chr15	25672205	25673930	+	0.014369
Myo10	MmuINT0103870	chr15	25674012	25705775	+	0.019961
Myo10	MmuINT0103872	chr15	25705901	25706072	+	0.013765
Myo10	MmuINT0103873	chr15	25706188	25707835	+	0.015385
Myo10	MmuINT0103874	chr15	25707943	25709337	+	0.012644
Myo10	MmuINT0103875	chr15	25709566	25710118	+	0.01439
Myo10	MmuINT0103876	chr15	25710168	25710728	+	0.012331
Myo10	MmuINT0103877	chr15	25711620	25712672	+	0.018512
Myo10	MmuINT0103878	chr15	25712797	25715557	+	0.013595
Myo10	MmuINT0103879	chr15	25715802	25722905	+	0.008868
Myo10	MmuINT0103880	chr15	25723002	25725437	+	0.010588
Myo10	MmuINT0103881	chr15	25725532	25726953	+	0.015816
Myo10	MmuINT0103882	chr15	25631476	25643783	+	0.018573
Myo10	MmuINT0103883	chr15	25727010	25729165	+	0.011395
Myo10	MmuINT0103884	chr15	25729309	25729795	+	0.009864
Myo10	MmuINT0103885	chr15	25729991	25730877	+	0.010076

Myo10	MmuINT0103886	chr15	25731036	25733017	+	0.01254
Myo10	MmuINT0103887	chr15	25733142	25734053	+	0.03226
Myo10	MmuINT0103888	chr15	25734352	25735265	+	0.040609
Myo10	MmuINT0103889	chr15	25735474	25736297	+	0.012611
Myo10	MmuINT0103890	chr15	25736435	25736811	+	0.013987
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Myo10	MmuINT0103893	chr15	25643972	25651924	+	0.015856
Myo10	MmuINT0103894	chr15	25740306	25741875	+	0.070937
Myo10	MmuINT0103895	chr15	25652060	25653638	+	0.010475
Myo10	MmuINT0103896	chr15	25653764	25654826	+	0.010849
Myo10	MmuINT0103897	chr15	25654841	25654950	+	0.012398
Myo10	MmuINT0103898	chr15	25655036	25656174	+	0.013995
Myo10	MmuINT0103899	chr15	25656279	25661724	+	0.016657
Myo18a	MmuINT0104001	chr11	77591817	77631120	+	0.132469
Myo18a	MmuINT0104003	chr11	77636949	77637263	+	0.006296
Myo18a	MmuINT0104004	chr11	77637355	77637594	+	0.003123
Myo18a	MmuINT0104005	chr11	77637788	77638604	+	0.006481
Myo18a	MmuINT0104006	chr11	77638686	77641037	+	0.005056
Myo18a	MmuINT0104007	chr11	77641180	77641292	+	0.003847
Myo18a	MmuINT0104008	chr11	77641453	77642678	+	0.003977
Myo18a	MmuINT0104009	chr11	77642866	77643121	+	0.005178
Myo18a	MmuINT0104010	chr11	77643366	77645895	+	0.005263
Myo18a	MmuINT0104011	chr11	77646006	77649918	+	0.003172
Myo18a	MmuINT0104012	chr11	77631209	77631400	+	0.004676
Myo18a	MmuINT0104013	chr11	77649985	77654182	+	0.003664
Myo18a	MmuINT0104014	chr11	77654312	77654949	+	0.003101
Myo18a	MmuINT0104015	chr11	77655094	77655420	+	0.003403
Myo18a	MmuINT0104016	chr11	77655511	77655649	+	0.00283
Myo18a	MmuINT0104017	chr11	77655770	77655958	+	0.002026
Myo18a	MmuINT0104018	chr11	77656071	77656605	+	0.00361
Myo18a	MmuINT0104019	chr11	77656734	77657018	+	0.002293
Myo18a	MmuINT0104020	chr11	77657174	77658897	+	0.002734
Myo18a	MmuINT0104021	chr11	77659022	77659109	+	0.002303
Myo18a	MmuINT0104022	chr11	77659311	77659873	+	0.002934
Myo18a	MmuINT0104023	chr11	77631508	77631603	+	0.005872
Myo18a	MmuINT0104024	chr11	77659985	77660392	+	0.002687
Myo18a	MmuINT0104025	chr11	77660498	77660793	+	0.006535
Myo18a	MmuINT0104026	chr11	77660941	77661426	+	0.004198
Myo18a	MmuINT0104027	chr11	77661541	77662871	+	0.001949
Myo18a	MmuINT0104028	chr11	77662989	77663723	+	0.00248
Myo18a	MmuINT0104029	chr11	77663808	77664247	+	0.00235
Myo18a	MmuINT0104030	chr11	77664386	77666718	+	0.003914
Myo18a	MmuINT0104031	chr11	77666905	77667253	+	0.017375
Myo18a	MmuINT0104032	chr11	77667394	77671224	+	0.676853
Myo18a	MmuINT0104033	chr11	77671348	77678192	+	0.128761
Myo18a	MmuINT0104034	chr11	77631781	77632082	+	0.003633
Myo18a	MmuINT0104035	chr11	77632297	77632412	+	0.003642
Myo18a	MmuINT0104036	chr11	77632556	77633478	+	0.003991
Myo18a	MmuINT0104037	chr11	77633580	77634299	+	0.005174

Myo18a	MmuINT0104038	chr11	77634364	77634543	+	0.005499
Myo18a	MmuINT0104039	chr11	77634689	77636164	+	0.049265
Myo18b	MmuINT0104040	chr5	1.13E+08	1.13E+08	-	0.002459
Myo18b	MmuINT0104041	chr5	1.13E+08	1.13E+08	-	0.005411
Myo18b	MmuINT0104042	chr5	1.13E+08	1.13E+08	-	0.006793
Myo18b	MmuINT0104043	chr5	1.13E+08	1.13E+08	-	0.002002
Myo18b	MmuINT0104044	chr5	1.13E+08	1.13E+08	-	0.002159
Myo18b	MmuINT0104045	chr5	1.13E+08	1.13E+08	-	0.002007
Myo18b	MmuINT0104046	chr5	1.13E+08	1.13E+08	-	0.002322
Myo18b	MmuINT0104047	chr5	1.13E+08	1.13E+08	-	0.003719
Myo18b	MmuINT0104048	chr5	1.13E+08	1.13E+08	-	0.001961
Myo18b	MmuINT0104049	chr5	1.13E+08	1.13E+08	-	0.001997
Myo18b	MmuINT0104050	chr5	1.13E+08	1.13E+08	-	0.002158
Myo18b	MmuINT0104051	chr5	1.13E+08	1.13E+08	-	0.002136
Myo18b	MmuINT0104052	chr5	1.13E+08	1.13E+08	-	0.001397
Myo18b	MmuINT0104053	chr5	1.13E+08	1.13E+08	-	0.002095
Myo18b	MmuINT0104054	chr5	1.13E+08	1.13E+08	-	0.00289
Myo18b	MmuINT0104055	chr5	1.13E+08	1.13E+08	-	0.001645
Myo18b	MmuINT0104056	chr5	1.13E+08	1.13E+08	-	0.001362
Myo18b	MmuINT0104057	chr5	1.13E+08	1.13E+08	-	0.001592
Myo18b	MmuINT0104058	chr5	1.13E+08	1.13E+08	-	0.001516
Myo18b	MmuINT0104059	chr5	1.13E+08	1.13E+08	-	0.005245
Myo18b	MmuINT0104060	chr5	1.13E+08	1.13E+08	-	0.001844
Myo18b	MmuINT0104061	chr5	1.13E+08	1.13E+08	-	0.002293
Myo18b	MmuINT0104062	chr5	1.13E+08	1.13E+08	-	0.001349
Myo18b	MmuINT0104063	chr5	1.13E+08	1.13E+08	-	0.00137
Myo18b	MmuINT0104064	chr5	1.13E+08	1.13E+08	-	0.00107
Myo18b	MmuINT0104065	chr5	1.13E+08	1.13E+08	-	0.002613
Myo18b	MmuINT0104066	chr5	1.13E+08	1.13E+08	-	0.001955
Myo18b	MmuINT0104067	chr5	1.13E+08	1.13E+08	-	0.005785
Myo18b	MmuINT0104068	chr5	1.13E+08	1.13E+08	-	0.001332
Myo18b	MmuINT0104069	chr5	1.13E+08	1.13E+08	-	0.001297
Myo18b	MmuINT0104070	chr5	1.13E+08	1.13E+08	-	0.001507
Myo18b	MmuINT0104071	chr5	1.13E+08	1.13E+08	-	0.001396
Myo18b	MmuINT0104072	chr5	1.13E+08	1.13E+08	-	0.001436
Myo18b	MmuINT0104073	chr5	1.13E+08	1.13E+08	-	0.012911
Myo18b	MmuINT0104074	chr5	1.13E+08	1.13E+08	-	0.002472
Myo18b	MmuINT0104075	chr5	1.13E+08	1.13E+08	-	0.002613
Myo18b	MmuINT0104076	chr5	1.13E+08	1.13E+08	-	0.002932
Myo18b	MmuINT0104077	chr5	1.13E+08	1.13E+08	-	0.005013
Myo18b	MmuINT0104078	chr5	1.13E+08	1.13E+08	-	0.005049
Myo18b	MmuINT0104079	chr5	1.13E+08	1.13E+08	-	0.041661
Myo18b	MmuINT0104080	chr5	1.13E+08	1.13E+08	-	0.001858
Myo18b	MmuINT0104081	chr5	1.13E+08	1.13E+08	-	0.005116
Myo18b	MmuINT0104082	chr5	1.13E+08	1.13E+08	-	0.004443
Myo19	MmuINT0104088	chr11	84713820	84713975	+	0.04254
Myo19	MmuINT0104089	chr11	84714090	84714343	+	0.064883
Myo19	MmuINT0104090	chr11	84714521	84714852	+	0.081984
Myo19	MmuINT0104091	chr11	84715006	84715601	+	0.051058
Myo19	MmuINT0104096	chr11	84720905	84721007	+	0.158427

Myo19	MmuINT0104097	chr11	84721138	84721721	+	0.48536
Myo19	MmuINT0104098	chr11	84721808	84722755	+	0.18017
Myo19	MmuINT0104099	chr11	84723056	84723894	+	0.505432
Myo1b	MmuINT0104135	chr1	51940071	51972604	-	0.033431
Myo1b	MmuINT0104136	chr1	51853962	51854231	-	0.015281
Myo1b	MmuINT0104137	chr1	51851243	51853842	-	0.030435
Myo1b	MmuINT0104138	chr1	51850550	51851155	-	0.034854
Myo1b	MmuINT0104139	chr1	51841386	51850483	-	0.032736
Myo1b	MmuINT0104140	chr1	51838877	51841280	-	0.041739
Myo1b	MmuINT0104141	chr1	51836606	51838813	-	0.040086
Myo1b	MmuINT0104142	chr1	51835392	51836404	-	0.034411
Myo1b	MmuINT0104143	chr1	51833249	51835164	-	0.085466
Myo1b	MmuINT0104144	chr1	51831250	51833047	-	0.02043
Myo1b	MmuINT0104145	chr1	51830227	51831155	-	0.012872
Myo1b	MmuINT0104146	chr1	51920279	51939926	-	0.033172
Myo1b	MmuINT0104147	chr1	51827699	51830076	-	0.029356
Myo1b	MmuINT0104148	chr1	51825935	51827629	-	0.025684
Myo1b	MmuINT0104149	chr1	51823753	51825847	-	0.090171
Myo1b	MmuINT0104150	chr1	51820809	51823665	-	0.100361
Myo1b	MmuINT0104151	chr1	51819471	51820733	-	0.016163
Myo1b	MmuINT0104152	chr1	51817246	51819335	-	0.070924
Myo1b	MmuINT0104153	chr1	51814853	51817138	-	0.119674
Myo1b	MmuINT0104154	chr1	51814102	51814719	-	0.087213
Myo1b	MmuINT0104155	chr1	51812615	51813948	-	0.01086
Myo1b	MmuINT0104156	chr1	51808141	51812486	-	0.013624
Myo1b	MmuINT0104157	chr1	51891388	51920162	-	0.020788
Myo1b	MmuINT0104158	chr1	51881046	51891292	-	0.027051
Myo1b	MmuINT0104159	chr1	51877032	51880940	-	0.02487
Myo1b	MmuINT0104160	chr1	51869911	51876984	-	0.02788
Myo1b	MmuINT0104162	chr1	51856480	51858027	-	0.033329
Myo1b	MmuINT0104163	chr1	51854380	51856375	-	0.022655
Myo1c	MmuINT0104166	chr11	75465168	75470993	+	0.033009
Myo1c	MmuINT0104167	chr11	75475117	75475235	+	0.008376
Myo1c	MmuINT0104168	chr11	75475319	75475523	+	0.050008
Myo1c	MmuINT0104169	chr11	75475630	75475736	+	0.011458
Myo1c	MmuINT0104170	chr11	75475818	75476073	+	0.00275
Myo1c	MmuINT0104171	chr11	75476166	75479019	+	0.010119
Myo1c	MmuINT0104172	chr11	75479115	75479194	+	0.006458
Myo1c	MmuINT0104173	chr11	75479242	75479338	+	0.004893
Myo1c	MmuINT0104174	chr11	75479420	75481682	+	0.006709
Myo1c	MmuINT0104175	chr11	75481789	75481911	+	0.00381
Myo1c	MmuINT0104176	chr11	75482030	75482509	+	0.016447
Myo1c	MmuINT0104177	chr11	75471150	75471254	+	0.004061
Myo1c	MmuINT0104178	chr11	75482624	75482699	+	0.00665
Myo1c	MmuINT0104179	chr11	75482777	75483282	+	0.013991
Myo1c	MmuINT0104180	chr11	75483352	75483448	+	0.003987
Myo1c	MmuINT0104181	chr11	75483534	75483632	+	0.011552
Myo1c	MmuINT0104182	chr11	75483793	75484044	+	0.027157
Myo1c	MmuINT0104183	chr11	75484129	75484694	+	0.010941
Myo1c	MmuINT0104184	chr11	75484789	75484881	+	0.005484

Myo1c	MmuINT0104185	chr11	75484938	75485088	+	0.005622
Myo1c	MmuINT0104186	chr11	75485225	75485306	+	0.008345
Myo1c	MmuINT0104187	chr11	75485378	75485459	+	0.005847
Myo1c	MmuINT0104188	chr11	75471371	75471853	+	0.003861
Myo1c	MmuINT0104189	chr11	75485558	75485653	+	0.013685
Myo1c	MmuINT0104190	chr11	75485754	75486111	+	0.010258
Myo1c	MmuINT0104191	chr11	75472053	75472140	+	0.004355
Myo1c	MmuINT0104192	chr11	75472222	75473672	+	0.004156
Myo1c	MmuINT0104193	chr11	75473853	75473934	+	0.004592
Myo1c	MmuINT0104194	chr11	75474034	75474400	+	0.017378
Myo1c	MmuINT0104195	chr11	75474515	75474598	+	0.004783
Myo1c	MmuINT0104196	chr11	75474671	75474996	+	0.005043
Myo1d	MmuINT0104197	chr11	80506592	80593199	-	0.040702
Myo1d	MmuINT0104198	chr11	80484522	80488115	-	0.053997
Myo1d	MmuINT0104199	chr11	80480148	80484350	-	0.056925
Myo1d	MmuINT0104202	chr11	80453888	80470894	-	0.043777
Myo1d	MmuINT0104203	chr11	80451584	80453720	-	0.036933
Myo1d	MmuINT0104204	chr11	80415309	80451375	-	0.05591
Myo1d	MmuINT0104205	chr11	80407386	80415084	-	0.051446
Myo1d	MmuINT0104206	chr11	80406394	80407240	-	0.03789
Myo1d	MmuINT0104207	chr11	80400463	80406288	-	0.054233
Myo1d	MmuINT0104208	chr11	80499446	80506382	-	0.042592
Myo1d	MmuINT0104209	chr11	80371091	80400348	-	0.04912
Myo1d	MmuINT0104210	chr11	80297885	80370935	-	0.048205
Myo1d	MmuINT0104211	chr11	80497993	80499351	-	0.056142
Myo1d	MmuINT0104213	chr11	80493618	80495883	-	0.05717
Myo1d	MmuINT0104214	chr11	80490441	80493521	-	0.034058
Myo1d	MmuINT0104215	chr11	80489757	80490323	-	0.066253
Myo1d	MmuINT0104216	chr11	80488465	80489552	-	0.043393
Myo1d	MmuINT0104217	chr11	80488231	80488318	-	0.052929
Myo1e	MmuINT0104224	chr9	70190937	70194493	+	0.038667
Myo1e	MmuINT0104225	chr9	70194576	70201066	+	0.028475
Myo1e	MmuINT0104226	chr9	70201174	70207091	+	0.029065
Myo1e	MmuINT0104227	chr9	70207191	70210029	+	0.041153
Myo1e	MmuINT0104228	chr9	70210175	70215422	+	0.039033
Myo1e	MmuINT0104230	chr9	70215538	70216475	+	0.02739
Myo1e	MmuINT0104231	chr9	70216646	70218163	+	0.030222
Myo1e	MmuINT0104232	chr9	70218310	70224310	+	0.031293
Myo1e	MmuINT0104233	chr9	70224458	70226017	+	0.040753
Myo1e	MmuINT0104234	chr9	70226176	70226527	+	0.033154
Myo1e	MmuINT0104235	chr9	70226618	70231610	+	0.038106
Myo1e	MmuINT0104236	chr9	70231813	70243582	+	0.02953
Myo1e	MmuINT0104237	chr9	70243753	70246528	+	0.033254
Myo1e	MmuINT0104242	chr9	70170331	70172639	+	0.028448
Myo1e	MmuINT0104244	chr9	70175084	70182921	+	0.037034
Myo1f	MmuINT0104245	chr17	33692802	33712735	+	0.119033
Myo1f	MmuINT0104246	chr17	33719382	33720629	+	0.052994
Myo1f	MmuINT0104253	chr17	33729973	33730965	+	0.064962
Myo1f	MmuINT0104258	chr17	33735258	33737995	+	0.082351
Myo1f	MmuINT0104260	chr17	33738751	33738886	+	0.068731



Myo1f	MmuINT0104261	chr17	33739036	33739470	+	0.055758
Myo1f	MmuINT0104263	chr17	33741398	33741494	+	0.051806
Myo1f	MmuINT0104264	chr17	33741665	33744243	+	0.089018
Myo1g	MmuINT0104273	chr11	6414926	6415096	-	0.391328
Myo1g	MmuINT0104277	chr11	6411653	6412163	-	0.109675
Myo1g	MmuINT0104284	chr11	6407065	6407871	-	0.050925
Myo1g	MmuINT0104291	chr11	6415998	6416081	-	0.053972
Myo1g	MmuINT0104292	chr11	6415212	6415851	-	0.408485
Myo5a	MmuINT0104398	chr9	75012024	75012102	+	0.059989
Myo5a	MmuINT0104404	chr9	75022008	75024324	+	0.068132
Myo5a	MmuINT0104406	chr9	75027980	75029705	+	0.064504
Myo5a	MmuINT0104407	chr9	75029820	75032084	+	0.060115
Myo5a	MmuINT0104416	chr9	75045544	75049078	+	0.057412
Myo5a	MmuINT0104417	chr9	75049226	75051514	+	0.052987
Myo5a	MmuINT0104418	chr9	75051670	75057020	+	0.055809
Myo5a	MmuINT0104419	chr9	75057111	75058824	+	0.063296
Myo5a	MmuINT0104420	chr9	75058976	75060598	+	0.053027
Myo5a	MmuINT0104421	chr9	75060882	75062891	+	0.040681
Myo5a	MmuINT0104422	chr9	75063067	75065305	+	0.045562
Myo5a	MmuINT0104424	chr9	75065387	75065647	+	0.056693
Myo5b	MmuINT0104431	chr18	74803847	74813013	+	0.01104
Myo5b	MmuINT0104432	chr18	74813096	74813583	+	0.012162
Myo5b	MmuINT0104433	chr18	74813725	74821260	+	0.01284
Myo5b	MmuINT0104434	chr18	74821384	74822316	+	0.013337
Myo5b	MmuINT0104435	chr18	74822401	74836254	+	0.015805
Myo5b	MmuINT0104436	chr18	74836411	74837074	+	0.012229
Myo5b	MmuINT0104437	chr18	74837173	74842202	+	0.014533
Myo5b	MmuINT0104438	chr18	74842290	74855025	+	0.014317
Myo5b	MmuINT0104439	chr18	74855138	74857839	+	0.00991
Myo5b	MmuINT0104440	chr18	74858052	74860225	+	0.009949
Myo5b	MmuINT0104441	chr18	74729532	74737108	+	0.020857
Myo5b	MmuINT0104442	chr18	74860383	74861098	+	0.007824
Myo5b	MmuINT0104443	chr18	74861339	74867517	+	0.01122
Myo5b	MmuINT0104444	chr18	74867752	74873201	+	0.018984
Myo5b	MmuINT0104445	chr18	74873287	74874479	+	0.032748
Myo5b	MmuINT0104446	chr18	74874614	74875612	+	0.024242
Myo5b	MmuINT0104447	chr18	74875733	74876623	+	0.009357
Myo5b	MmuINT0104448	chr18	74876762	74880490	+	0.01337
Myo5b	MmuINT0104449	chr18	74880557	74881986	+	0.010415
Myo5b	MmuINT0104450	chr18	74882227	74883410	+	0.007233
Myo5b	MmuINT0104451	chr18	74883512	74891298	+	0.025247
Myo5b	MmuINT0104452	chr18	74737281	74740043	+	0.010492
Myo5b	MmuINT0104453	chr18	74891498	74893564	+	0.100921
Myo5b	MmuINT0104454	chr18	74893659	74895799	+	0.00782
Myo5b	MmuINT0104455	chr18	74895944	74900127	+	0.008782
Myo5b	MmuINT0104456	chr18	74900280	74901779	+	0.048793
Myo5b	MmuINT0104457	chr18	74901870	74904274	+	0.005982
Myo5b	MmuINT0104458	chr18	74904426	74918680	+	0.009278
Myo5b	MmuINT0104459	chr18	74918967	74920503	+	0.005868
Myo5b	MmuINT0104460	chr18	74920679	74922229	+	0.006255

Myo5b	MmuINT0104461	chr18	74922311	74929950	+	0.008763
Myo5b	MmuINT0104462	chr18	74740189	74776576	+	0.014148
Myo5b	MmuINT0104463	chr18	74776734	74785215	+	0.014576
Myo5b	MmuINT0104464	chr18	74785360	74786824	+	0.01464
Myo5b	MmuINT0104465	chr18	74786907	74794114	+	0.013034
Myo5b	MmuINT0104466	chr18	74794223	74797695	+	0.014661
Myo5b	MmuINT0104467	chr18	74797806	74803580	+	0.013918
Myo6	MmuINT0104509	chr9	80099655	80102686	+	0.09035
Myo6	MmuINT0104510	chr9	80102868	80106219	+	0.046572
Myo6	MmuINT0104511	chr9	80106365	80108585	+	0.041654
Myo6	MmuINT0104512	chr9	80108744	80110080	+	0.033707
Myo6	MmuINT0104514	chr9	80112072	80113932	+	0.046697
Myo6	MmuINT0104515	chr9	80114061	80117433	+	0.029168
Myo6	MmuINT0104516	chr9	80117530	80117800	+	0.030572
Myo6	MmuINT0104518	chr9	80121769	80124114	+	0.05604
Myo6	MmuINT0104520	chr9	80124209	80129267	+	0.04128
Myo6	MmuINT0104521	chr9	80129399	80129489	+	0.038499
Myo6	MmuINT0104523	chr9	80131392	80133537	+	0.038621
Myo6	MmuINT0104524	chr9	80133629	80134088	+	0.030235
Myo6	MmuINT0104525	chr9	80134240	80135814	+	0.036442
Myo6	MmuINT0104526	chr9	80136024	80137672	+	0.03941
Myo6	MmuINT0104527	chr9	80137752	80140163	+	0.035958
Myo6	MmuINT0104528	chr9	80140325	80146952	+	0.173653
Myo6	MmuINT0104529	chr9	80147057	80148341	+	0.025359
Myo6	MmuINT0104533	chr9	80154986	80155478	+	0.016432
Myo6	MmuINT0104535	chr9	80076795	80089971	+	0.045762
Myo6	MmuINT0104538	chr9	80093545	80094201	+	0.041649
Myo6	MmuINT0104539	chr9	80094367	80099573	+	0.036574
Myo7a	MmuINT0104556	chr7	1.05E+08	1.05E+08	-	0.123087
Myo7a	MmuINT0104558	chr7	1.05E+08	1.05E+08	-	0.062776
Myo7a	MmuINT0104563	chr7	1.05E+08	1.05E+08	-	0.062015
Myo7a	MmuINT0104564	chr7	1.05E+08	1.05E+08	-	0.046491
Myo7a	MmuINT0104565	chr7	1.05E+08	1.05E+08	-	0.047834
Myo7a	MmuINT0104566	chr7	1.05E+08	1.05E+08	-	0.07472
Myo7a	MmuINT0104568	chr7	1.05E+08	1.05E+08	-	0.301663
Myo7a	MmuINT0104569	chr7	1.05E+08	1.05E+08	-	0.037092
Myo7a	MmuINT0104571	chr7	1.05E+08	1.05E+08	-	0.093982
Myo7a	MmuINT0104572	chr7	1.05E+08	1.05E+08	-	0.044278
Myo7a	MmuINT0104574	chr7	1.05E+08	1.05E+08	-	0.074353
Myo7a	MmuINT0104575	chr7	1.05E+08	1.05E+08	-	0.054385
Myo7a	MmuINT0104576	chr7	1.05E+08	1.05E+08	-	0.11016
Myo7a	MmuINT0104577	chr7	1.05E+08	1.05E+08	-	0.088845
Myo7a	MmuINT0104578	chr7	1.05E+08	1.05E+08	-	0.064707
Myo7a	MmuINT0104579	chr7	1.05E+08	1.05E+08	-	0.132973
Myo7a	MmuINT0104580	chr7	1.05E+08	1.05E+08	-	0.038024
Myo7a	MmuINT0104581	chr7	1.05E+08	1.05E+08	-	0.043822
Myo7a	MmuINT0104582	chr7	1.05E+08	1.05E+08	-	0.053995
Myo9a	MmuINT0104634	chr9	59599153	59627349	+	0.066757
Myo9a	MmuINT0104636	chr9	59663186	59669391	+	0.064074
Myo9a	MmuINT0104638	chr9	59672140	59674929	+	0.052706

Myo9a	MmuINT0104639	chr9	59675126	59679995	+	0.058644
Myo9a	MmuINT0104640	chr9	59680116	59690869	+	0.062696
Myo9a	MmuINT0104644	chr9	59708010	59709231	+	0.055023
Myo9a	MmuINT0104645	chr9	59628261	59631277	+	0.066605
Myo9a	MmuINT0104649	chr9	59716068	59717280	+	0.054278
Myo9a	MmuINT0104650	chr9	59717601	59718242	+	0.051662
Myo9a	MmuINT0104651	chr9	59719839	59722408	+	0.059166
Myo9a	MmuINT0104652	chr9	59722491	59723008	+	0.046681
Myo9a	MmuINT0104653	chr9	59723222	59732286	+	0.034392
Myo9a	MmuINT0104654	chr9	59732400	59737219	+	0.048999
Myo9a	MmuINT0104655	chr9	59737363	59741947	+	0.029831
Myo9a	MmuINT0104657	chr9	59742172	59742567	+	0.049918
Myo9a	MmuINT0104658	chr9	59742685	59742999	+	0.034485
Myo9a	MmuINT0104659	chr9	59743189	59744296	+	0.058267
Myo9a	MmuINT0104660	chr9	59744345	59748156	+	0.057329
Myo9a	MmuINT0104661	chr9	59748269	59750713	+	0.079598
Myo9a	MmuINT0104662	chr9	59750776	59753698	+	0.053263
Myo9a	MmuINT0104663	chr9	59753892	59755154	+	0.067498
Myo9a	MmuINT0104664	chr9	59755284	59756000	+	0.043557
Myo9a	MmuINT0104665	chr9	59756107	59757622	+	0.050176
Myo9a	MmuINT0104666	chr9	59757755	59758390	+	0.059497
Myo9a	MmuINT0104670	chr9	59769733	59771427	+	0.037693
Myo9a	MmuINT0104671	chr9	59771550	59772377	+	0.026919
Myo9a	MmuINT0104674	chr9	59649819	59651691	+	0.049969
Myo9a	MmuINT0104675	chr9	59651819	59657205	+	0.057678
Myo9b	MmuINT0104683	chr8	73852580	73854606	+	0.026641
Myo9b	MmuINT0104684	chr8	73854729	73857152	+	0.022522
Myo9b	MmuINT0104685	chr8	73857295	73857525	+	0.024141
Myo9b	MmuINT0104687	chr8	73858294	73862805	+	0.500902
Myo9b	MmuINT0104688	chr8	73862920	73864658	+	0.334662
Myo9b	MmuINT0104689	chr8	73864699	73866660	+	0.240829
Myo9b	MmuINT0104690	chr8	73866784	73867511	+	0.014271
Myo9b	MmuINT0104691	chr8	73867593	73867988	+	0.017018
Myo9b	MmuINT0104692	chr8	73868100	73869928	+	0.017307
Myo9b	MmuINT0104693	chr8	73815036	73839023	+	0.019564
Myo9b	MmuINT0104694	chr8	73870052	73871512	+	0.019901
Myo9b	MmuINT0104695	chr8	73871830	73872229	+	0.012959
Myo9b	MmuINT0104696	chr8	73872801	73872833	+	0.915368
Myo9b	MmuINT0104697	chr8	73873094	73874033	+	0.014815
Myo9b	MmuINT0104698	chr8	73874948	73875785	+	0.011463
Myo9b	MmuINT0104699	chr8	73875914	73876068	+	0.0099
Myo9b	MmuINT0104700	chr8	73876245	73877640	+	0.08321
Myo9b	MmuINT0104701	chr8	73877740	73877860	+	0.075121
Myo9b	MmuINT0104702	chr8	73839119	73845680	+	0.028919
Myo9b	MmuINT0104703	chr8	73878455	73878614	+	0.083268
Myo9b	MmuINT0104704	chr8	73878727	73879136	+	0.318282
Myo9b	MmuINT0104705	chr8	73879211	73879593	+	0.13578
Myo9b	MmuINT0104706	chr8	73879787	73879864	+	0.014764
Myo9b	MmuINT0104707	chr8	73879994	73880183	+	0.034612
Myo9b	MmuINT0104708	chr8	73880290	73880419	+	0.1023

Myo9b	MmuINT0104709	chr8	73880552	73882011	+	0.056124
Myo9b	MmuINT0104710	chr8	73882136	73882861	+	0.707979
Myo9b	MmuINT0104711	chr8	73882993	73883223	+	0.032172
Myo9b	MmuINT0104712	chr8	73845744	73846832	+	0.025139
Myo9b	MmuINT0104713	chr8	73846933	73847163	+	0.02735
Myo9b	MmuINT0104714	chr8	73847265	73847762	+	0.03172
Myo9b	MmuINT0104715	chr8	73847893	73849751	+	0.023638
Myo9b	MmuINT0104716	chr8	73849842	73851778	+	0.018793
Myo9b	MmuINT0104717	chr8	73851896	73852444	+	0.119741
Myocd	MmuINT0104721	chr11	65046687	65083145	-	0.03468
Myocd	MmuINT0104723	chr11	64994445	64996861	-	0.015881
Myocd	MmuINT0104724	chr11	64992519	64994386	-	0.018026
Myocd	MmuINT0104725	chr11	65037292	65046620	-	0.012936
Myocd	MmuINT0104726	chr11	65035610	65037235	-	0.011946
Myocd	MmuINT0104727	chr11	65032193	65035533	-	0.016502
Myocd	MmuINT0104728	chr11	65017925	65032030	-	0.015317
Myocd	MmuINT0104729	chr11	65014422	65017760	-	0.007536
Myocd	MmuINT0104730	chr11	65009897	65014295	-	0.005813
Myocd	MmuINT0104731	chr11	65008724	65009603	-	0.006112
Myocd	MmuINT0104732	chr11	65001318	65008569	-	0.005039
Myof	MmuINT0104758	chr19	38012432	38013789	-	0.049861
Myof	MmuINT0104760	chr19	38010710	38010803	-	0.052432
Myof	MmuINT0104764	chr19	38005553	38007092	-	0.062265
Myof	MmuINT0104765	chr19	38001485	38005475	-	0.366177
Myof	MmuINT0104767	chr19	37997574	37999095	-	0.058585
Myof	MmuINT0104771	chr19	37991054	37995208	-	0.060524
Myof	MmuINT0104773	chr19	37987967	37990095	-	0.068879
Myof	MmuINT0104776	chr19	37982219	37985383	-	0.046286
Myof	MmuINT0104777	chr19	37979868	37982076	-	0.113166
Myof	MmuINT0104778	chr19	37978358	37979767	-	0.065104
Myof	MmuINT0104780	chr19	37976424	37978166	-	0.129827
Myof	MmuINT0104781	chr19	37975875	37976313	-	0.054417
Myof	MmuINT0104782	chr19	37974258	37975726	-	0.045857
Myom1	MmuINT0104789	chr17	71368992	71372187	+	0.000543
Myom1	MmuINT0104790	chr17	71402116	71410464	+	0.001381
Myom1	MmuINT0104791	chr17	71410607	71413787	+	0.001362
Myom1	MmuINT0104792	chr17	71413988	71416652	+	0.000387
Myom1	MmuINT0104793	chr17	71416710	71421422	+	0.000523
Myom1	MmuINT0104794	chr17	71421548	71426596	+	0.001465
Myom1	MmuINT0104795	chr17	71426781	71427104	+	0.000339
Myom1	MmuINT0104796	chr17	71427280	71430113	+	0.000296
Myom1	MmuINT0104797	chr17	71430236	71433577	+	0.011806
Myom1	MmuINT0104798	chr17	71433775	71436783	+	0.002015
Myom1	MmuINT0104799	chr17	71436911	71439162	+	0.000439
Myom1	MmuINT0104800	chr17	71372538	71383910	+	0.000418
Myom1	MmuINT0104801	chr17	71439348	71441439	+	0.000293
Myom1	MmuINT0104802	chr17	71441555	71449293	+	0.002814
Myom1	MmuINT0104803	chr17	71449451	71450333	+	0.00166
Myom1	MmuINT0104804	chr17	71450441	71450563	+	0.000384
Myom1	MmuINT0104805	chr17	71450609	71454802	+	0.001374

Myom1	MmuINT0104806	chr17	71454940	71455543	+	0.000748
Myom1	MmuINT0104807	chr17	71455689	71457640	+	0.00026
Myom1	MmuINT0104808	chr17	71457701	71457965	+	0.000353
Myom1	MmuINT0104809	chr17	71458034	71459066	+	0.000248
Myom1	MmuINT0104810	chr17	71459181	71460046	+	0.000535
Myom1	MmuINT0104811	chr17	71384052	71385613	+	0.002285
Myom1	MmuINT0104812	chr17	71460135	71461150	+	0.004793
Myom1	MmuINT0104813	chr17	71461190	71461283	+	0.001518
Myom1	MmuINT0104814	chr17	71461390	71466633	+	0.001763
Myom1	MmuINT0104815	chr17	71466798	71469985	+	0.004717
Myom1	MmuINT0104816	chr17	71470023	71470465	+	0.010092
Myom1	MmuINT0104817	chr17	71470489	71471896	+	0.006556
Myom1	MmuINT0104818	chr17	71471953	71475415	+	0.002437
Myom1	MmuINT0104819	chr17	71385864	71386555	+	0.000345
Myom1	MmuINT0104820	chr17	71386714	71393825	+	0.001022
Myom1	MmuINT0104821	chr17	71393919	71394883	+	0.00038
Myom1	MmuINT0104822	chr17	71394973	71395076	+	0.00091
Myom1	MmuINT0104823	chr17	71395137	71397063	+	0.00076
Myom1	MmuINT0104824	chr17	71397229	71401953	+	0.000864
Myom2	MmuINT0104827	chr8	15057740	15063842	+	0.000943
Myom2	MmuINT0104828	chr8	15081424	15083229	+	0.001156
Myom2	MmuINT0104829	chr8	15083372	15084460	+	0.000298
Myom2	MmuINT0104830	chr8	15084661	15085260	+	0.00026
Myom2	MmuINT0104831	chr8	15085315	15098341	+	0.000469
Myom2	MmuINT0104832	chr8	15098470	15099174	+	0.000254
Myom2	MmuINT0104833	chr8	15099359	15102482	+	0.000255
Myom2	MmuINT0104834	chr8	15102658	15104066	+	0.001355
Myom2	MmuINT0104835	chr8	15104189	15106279	+	0.000365
Myom2	MmuINT0104836	chr8	15106468	15108362	+	0.00058
Myom2	MmuINT0104837	chr8	15108490	15108765	+	0.000439
Myom2	MmuINT0104838	chr8	15063961	15065693	+	0.000395
Myom2	MmuINT0104839	chr8	15108945	15110747	+	0.003917
Myom2	MmuINT0104840	chr8	15110863	15111718	+	0.001523
Myom2	MmuINT0104841	chr8	15111876	15111959	+	0.000299
Myom2	MmuINT0104842	chr8	15112067	15113745	+	0.016333
Myom2	MmuINT0104843	chr8	15113791	15114149	+	0.001023
Myom2	MmuINT0104844	chr8	15114287	15117596	+	0.001229
Myom2	MmuINT0104845	chr8	15117742	15117872	+	0.000331
Myom2	MmuINT0104846	chr8	15117933	15119220	+	0.000549
Myom2	MmuINT0104847	chr8	15119289	15122355	+	0.000443
Myom2	MmuINT0104848	chr8	15122470	15122641	+	0.007204
Myom2	MmuINT0104849	chr8	15065850	15069373	+	0.000478
Myom2	MmuINT0104850	chr8	15122730	15123397	+	0.006889
Myom2	MmuINT0104851	chr8	15123437	15125116	+	0.008265
Myom2	MmuINT0104852	chr8	15125223	15128769	+	0.002372
Myom2	MmuINT0104853	chr8	15128934	15129133	+	0.001196
Myom2	MmuINT0104854	chr8	15129171	15130634	+	0.007853
Myom2	MmuINT0104855	chr8	15130658	15131125	+	0.009375
Myom2	MmuINT0104856	chr8	15131182	15132644	+	0.004035
Myom2	MmuINT0104857	chr8	15069513	15069647	+	0.000431

Myom2	MmuINT0104858	chr8	15069806	15070671	+	0.001002
Myom2	MmuINT0104859	chr8	15070765	15077818	+	0.001655
Myom2	MmuINT0104860	chr8	15077908	15077996	+	0.000524
Myom2	MmuINT0104861	chr8	15078048	15080858	+	0.000497
Myom2	MmuINT0104862	chr8	15081024	15081261	+	0.000254
Myot	MmuINT0104899	chr18	44493811	44496420	+	0.030682
Myot	MmuINT0104900	chr18	44496965	44500956	+	0.013385
Myot	MmuINT0104901	chr18	44501132	44501995	+	0.079551
Myot	MmuINT0104902	chr18	44502098	44504095	+	0.01791
Myot	MmuINT0104903	chr18	44504143	44504665	+	0.01251
Myot	MmuINT0104904	chr18	44504799	44505661	+	0.010775
Myot	MmuINT0104905	chr18	44505870	44513769	+	0.01306
Myot	MmuINT0104906	chr18	44513936	44514455	+	0.008445
Myot	MmuINT0104907	chr18	44514590	44514761	+	0.04771
Myoz2	MmuINT0104913	chr3	1.23E+08	1.23E+08	-	0.000112
Myoz2	MmuINT0104914	chr3	1.23E+08	1.23E+08	-	0.011566
Myoz2	MmuINT0104915	chr3	1.23E+08	1.23E+08	-	0.00799
Myoz2	MmuINT0104916	chr3	1.23E+08	1.23E+08	-	0.00117
Myoz2	MmuINT0104917	chr3	1.23E+08	1.23E+08	-	0.001845
Mypn	MmuINT0104924	chr10	62656032	62666465	-	0.001799
Mypn	MmuINT0104925	chr10	62599044	62608583	-	0.003899
Mypn	MmuINT0104926	chr10	62597820	62598455	-	0.001516
Mypn	MmuINT0104927	chr10	62593953	62597680	-	0.002837
Mypn	MmuINT0104928	chr10	62590526	62593730	-	0.002189
Mypn	MmuINT0104929	chr10	62588497	62590375	-	0.002794
Mypn	MmuINT0104930	chr10	62586146	62588416	-	0.002781
Mypn	MmuINT0104931	chr10	62584858	62586018	-	0.005056
Mypn	MmuINT0104932	chr10	62582943	62584649	-	0.007878
Mypn	MmuINT0104933	chr10	62581303	62582776	-	0.00256
Mypn	MmuINT0104934	chr10	62579775	62581168	-	0.038078
Mypn	MmuINT0104935	chr10	62632179	62655134	-	0.002442
Mypn	MmuINT0104936	chr10	62630033	62632002	-	0.003723
Mypn	MmuINT0104937	chr10	62626373	62629980	-	0.012789
Mypn	MmuINT0104938	chr10	62625042	62626260	-	0.005287
Mypn	MmuINT0104939	chr10	62615685	62624969	-	0.004252
Mypn	MmuINT0104940	chr10	62612795	62615542	-	0.005095
Mypn	MmuINT0104941	chr10	62610742	62612770	-	0.024479
Mypn	MmuINT0104942	chr10	62608957	62610624	-	0.003849
Mypop	MmuINT0104943	chr7	19576704	19577180	+	0.171004
Mypop	MmuINT0104944	chr7	19577970	19585839	+	0.132966
Myrip	MmuINT0104952	chr9	1.2E+08	1.2E+08	+	0.102815
Mysm1	MmuINT0104962	chr4	94625682	94627018	-	0.091863
Mysm1	MmuINT0104965	chr4	94620240	94620562	-	0.053697
Mysm1	MmuINT0104967	chr4	94619054	94619553	-	0.090546
Mysm1	MmuINT0104968	chr4	94617750	94618864	-	0.056735
Mysm1	MmuINT0104969	chr4	94615126	94617616	-	0.100095
Mysm1	MmuINT0104970	chr4	94614851	94615019	-	0.11958
Mysm1	MmuINT0104971	chr4	94613815	94614792	-	0.069149
Mysm1	MmuINT0104974	chr4	94637227	94637314	-	0.070412
Mysm1	MmuINT0104975	chr4	94635750	94637202	-	0.573574

Mysm1	MmuINT0104976	chr4	94634660	94635670	-	0.105136
Mysm1	MmuINT0104977	chr4	94632563	94634560	-	0.059018
Mysm1	MmuINT0104978	chr4	94628525	94631819	-	0.153123
Myst1	MmuINT0104980	chr7	1.35E+08	1.35E+08	+	0.087538
Myst1	MmuINT0104982	chr7	1.35E+08	1.35E+08	+	0.051039
Myst1	MmuINT0104983	chr7	1.35E+08	1.35E+08	+	0.105124
Myst1	MmuINT0104984	chr7	1.35E+08	1.35E+08	+	0.016247
Myst1	MmuINT0104985	chr7	1.35E+08	1.35E+08	+	0.011833
Myst1	MmuINT0104986	chr7	1.35E+08	1.35E+08	+	0.012288
Myst1	MmuINT0104987	chr7	1.35E+08	1.35E+08	+	0.017334
Myst1	MmuINT0104988	chr7	1.35E+08	1.35E+08	+	0.012048
Myst1	MmuINT0104989	chr7	1.35E+08	1.35E+08	+	0.006314
Myst2	MmuINT0104990	chr11	95167511	95171348	-	0.009739
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Myst2	MmuINT0104992	chr11	95141799	95142814	-	0.024956
Myst2	MmuINT0104993	chr11	95138930	95141704	-	0.016233
Myst2	MmuINT0104994	chr11	95137864	95138782	-	0.021283
Myst2	MmuINT0104995	chr11	95137202	95137756	-	0.01733
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Myst2	MmuINT0104997	chr11	95161533	95164446	-	0.008292
Myst2	MmuINT0104998	chr11	95155960	95161292	-	0.012064
Myst2	MmuINT0104999	chr11	95152924	95155876	-	0.013834
Myst2	MmuINT0105000	chr11	95151185	95152833	-	0.014714
Myst2	MmuINT0105001	chr11	95147755	95151085	-	0.00805
Myst2	MmuINT0105002	chr11	95145535	95147643	-	0.009272
Myst2	MmuINT0105003	chr11	95143243	95145342	-	0.027103
Myst3	MmuINT0105006	chr8	23970105	23971988	+	0.043081
Myst3	MmuINT0105007	chr8	24029913	24033986	+	0.025358
Myst3	MmuINT0105008	chr8	24034129	24035752	+	0.039711
Myst3	MmuINT0105009	chr8	24035915	24036848	+	0.035668
Myst3	MmuINT0105010	chr8	24036943	24039687	+	0.047874
Myst3	MmuINT0105011	chr8	24039920	24040636	+	0.014544
Myst3	MmuINT0105012	chr8	24040851	24042586	+	0.013155
Myst3	MmuINT0105013	chr8	24043187	24045951	+	0.010778
Myst3	MmuINT0105014	chr8	24046271	24048460	+	0.042067
Myst3	MmuINT0105015	chr8	23972075	23972359	+	0.039082
Myst3	MmuINT0105016	chr8	23973274	24013579	+	0.024084
Myst3	MmuINT0105017	chr8	24013689	24018117	+	0.033275
Myst3	MmuINT0105018	chr8	24018234	24018714	+	0.024879
Myst3	MmuINT0105019	chr8	24018797	24020603	+	0.033317
Myst3	MmuINT0105020	chr8	24020740	24022131	+	0.03196
Myst3	MmuINT0105021	chr8	24022449	24024740	+	0.018761
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Myst4	MmuINT0105024	chr14	22450686	22453697	+	0.034932
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Myst4	MmuINT0105029	chr14	22481689	22483678	+	0.016182
Myst4	MmuINT0105030	chr14	22483971	22487552	+	0.013708

Myst4	MmuINT0105032	chr14	22429085	22438112	+	0.021414
Myst4	MmuINT0105038	chr14	22448151	22450543	+	0.033886
Mzt1	MmuINT0105092	chr14	99439880	99445212	-	0.001898
Mzt2	MmuINT0105094	chr16	15862637	15862840	-	0.011245
Mzt2	MmuINT0105095	chr16	15848823	15862490	-	0.00847
N28178	MmuINT0105097	chr4	42935566	42946487	+	0.553071
N28178	MmuINT0105098	chr4	42946540	42946650	+	0.822201
N28178	MmuINT0105099	chr4	42946870	42947504	+	0.022648
N28178	MmuINT0105100	chr4	42947691	42950712	+	0.049333
N28178	MmuINT0105101	chr4	42950792	42951044	+	0.039816
N28178	MmuINT0105102	chr4	42951251	42951486	+	0.034827
N28178	MmuINT0105103	chr4	42951648	42951957	+	0.030107
N28178	MmuINT0105104	chr4	42952054	42952376	+	0.0338
N4bp1	MmuINT0105105	chr8	89386010	89408720	-	0.017195
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N4bp2	MmuINT0105113	chr5	66199783	66200393	+	0.055638
N4bp2	MmuINT0105114	chr5	66200480	66201002	+	0.052068
N4bp2	MmuINT0105115	chr5	66201049	66203201	+	0.061239
N4bp2	MmuINT0105116	chr5	66203390	66205990	+	0.035222
N4bp2	MmuINT0105117	chr5	66206110	66208400	+	0.052941
N4bp2	MmuINT0105118	chr5	66208537	66211508	+	0.038697
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N4bp2l1	MmuINT0105133	chr5	1.51E+08	1.51E+08	-	0.0903
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N4bp2l2	MmuINT0105137	chr5	1.51E+08	1.51E+08	-	0.016104
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N4bp3	MmuINT0105139	chr11	51459777	51464179	-	0.050567
N4bp3	MmuINT0105140	chr11	51459188	51459428	-	0.044738
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N6amt2	MmuINT0105149	chr14	58184922	58190379	-	0.009131
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Naa10	MmuINT0105156	chrX	71165348	71166321	-	0.003228
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Naa10	MmuINT0105158	chrX	71164886	71165092	-	0.008998
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Naa40	MmuINT0105257	chr19	7308647	7309552	-	0.244288
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Naaa	MmuINT0105267	chr5	92706110	92706937	-	0.020734
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Naaa	MmuINT0105271	chr5	92692790	92694106	-	0.017219
Naaa	MmuINT0105272	chr5	92692499	92692616	-	0.01862
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Naalad2	MmuINT0105278	chr9	18153358	18155293	-	0.135721
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Naalad2	MmuINT0105281	chr9	18139463	18143834	-	0.06087
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Nab1	MmuINT0105311	chr1	52547600	52557053	-	0.046514
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Nab1	MmuINT0105317	chr1	52516151	52518931	-	0.018001
Nab2	MmuINT0105319	chr10	1.27E+08	1.27E+08	-	0.03004
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Naca	MmuINT0105327	chr10	1.27E+08	1.27E+08	+	0.002178
Nacc1	MmuINT0105341	chr8	87201152	87211573	-	0.110345
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Nacc2	MmuINT0105348	chr2	25920139	25945062	-	0.019544
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Nadk	MmuINT0105360	chr4	1.55E+08	1.55E+08	+	0.033131
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Nadsyn1	MmuINT0105364	chr7	1.51E+08	1.51E+08	-	0.071866

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Nadsyn1	MmuINT0105370	chr7	1.51E+08	1.51E+08	-	0.153427
Nadsyn1	MmuINT0105371	chr7	1.51E+08	1.51E+08	-	0.128253
Nadsyn1	MmuINT0105372	chr7	1.51E+08	1.51E+08	-	0.061328
Nadsyn1	MmuINT0105373	chr7	1.51E+08	1.51E+08	-	0.063447
Nadsyn1	MmuINT0105374	chr7	1.51E+08	1.51E+08	-	0.031871
Nadsyn1	MmuINT0105375	chr7	1.51E+08	1.51E+08	-	0.051646
Nadsyn1	MmuINT0105376	chr7	1.51E+08	1.51E+08	-	0.086699
Nadsyn1	MmuINT0105377	chr7	1.51E+08	1.51E+08	-	0.060729
Nadsyn1	MmuINT0105378	chr7	1.51E+08	1.51E+08	-	0.077376
Nadsyn1	MmuINT0105379	chr7	1.51E+08	1.51E+08	-	0.129372
Nadsyn1	MmuINT0105380	chr7	1.51E+08	1.51E+08	-	0.292392
Nadsyn1	MmuINT0105381	chr7	1.51E+08	1.51E+08	-	0.136762
Nadsyn1	MmuINT0105382	chr7	1.51E+08	1.51E+08	-	0.113194
Nadsyn1	MmuINT0105383	chr7	1.51E+08	1.51E+08	-	0.088527
Nae1	MmuINT0105384	chr8	1.07E+08	1.07E+08	-	0.007033
Nae1	MmuINT0105385	chr8	1.07E+08	1.07E+08	-	0.022912
Nae1	MmuINT0105386	chr8	1.07E+08	1.07E+08	-	0.017492
Nae1	MmuINT0105387	chr8	1.07E+08	1.07E+08	-	0.023039
Nae1	MmuINT0105388	chr8	1.07E+08	1.07E+08	-	0.01895
Nae1	MmuINT0105389	chr8	1.07E+08	1.07E+08	-	0.027049
Nae1	MmuINT0105390	chr8	1.07E+08	1.07E+08	-	0.07536
Nae1	MmuINT0105391	chr8	1.07E+08	1.07E+08	-	0.005957
Nae1	MmuINT0105392	chr8	1.07E+08	1.07E+08	-	0.018485
Nae1	MmuINT0105393	chr8	1.07E+08	1.07E+08	-	0.017048
Nae1	MmuINT0105394	chr8	1.07E+08	1.07E+08	-	0.035424
Nae1	MmuINT0105395	chr8	1.07E+08	1.07E+08	-	0.008784
Nae1	MmuINT0105396	chr8	1.07E+08	1.07E+08	-	0.07272
Nae1	MmuINT0105397	chr8	1.07E+08	1.07E+08	-	0.107153
Nae1	MmuINT0105398	chr8	1.07E+08	1.07E+08	-	0.064164
Nae1	MmuINT0105399	chr8	1.07E+08	1.07E+08	-	0.019079
Nae1	MmuINT0105400	chr8	1.07E+08	1.07E+08	-	0.012961
Nae1	MmuINT0105401	chr8	1.07E+08	1.07E+08	-	0.025354
Nae1	MmuINT0105402	chr8	1.07E+08	1.07E+08	-	0.024635
Naf1	MmuINT0105409	chr8	69411775	69412959	+	0.024496
Naga	MmuINT0105410	chr15	82168745	82169181	-	0.088853
Naga	MmuINT0105411	chr15	82167953	82168667	-	0.047517
Naga	MmuINT0105412	chr15	82167372	82167816	-	0.022069
Naga	MmuINT0105413	chr15	82166451	82167199	-	0.023486
Naga	MmuINT0105414	chr15	82166022	82166272	-	0.028636
Naga	MmuINT0105415	chr15	82165378	82165926	-	0.038786
Naga	MmuINT0105416	chr15	82162961	82165215	-	0.124661
Naga	MmuINT0105417	chr15	82161229	82162762	-	0.156059
Naga	MmuINT0105418	chr15	82160638	82161084	-	0.013262
Nagk	MmuINT0105420	chr6	83746986	83747170	+	0.093705
Nagk	MmuINT0105421	chr6	83747270	83747949	+	0.021225

Nagk	MmuINT0105422	chr6	83748092	83748537	+	0.026182
Nagk	MmuINT0105423	chr6	83748649	83749264	+	0.03379
Nagk	MmuINT0105424	chr6	83749378	83750264	+	0.019037
Nagk	MmuINT0105425	chr6	83750353	83751084	+	0.031667
Nagk	MmuINT0105426	chr6	83751183	83751491	+	0.026454
Nagk	MmuINT0105427	chr6	83751571	83752261	+	0.014522
Naglu	MmuINT0105428	chr11	1.01E+08	1.01E+08	+	0.137068
Naglu	MmuINT0105429	chr11	1.01E+08	1.01E+08	+	0.131878
Naglu	MmuINT0105430	chr11	1.01E+08	1.01E+08	+	0.032193
Naglu	MmuINT0105431	chr11	1.01E+08	1.01E+08	+	0.108565
Naglu	MmuINT0105432	chr11	1.01E+08	1.01E+08	+	0.038041
Nagpa	MmuINT0105433	chr16	5203893	5203989	-	0.154751
Nagpa	MmuINT0105434	chr16	5201607	5203433	-	0.012688
Nagpa	MmuINT0105435	chr16	5200145	5201466	-	0.026968
Nagpa	MmuINT0105436	chr16	5199838	5200035	-	0.049207
Nagpa	MmuINT0105437	chr16	5199030	5199708	-	0.081215
Nagpa	MmuINT0105438	chr16	5198717	5198823	-	0.035011
Nagpa	MmuINT0105439	chr16	5197907	5198668	-	0.101443
Nagpa	MmuINT0105440	chr16	5197712	5197804	-	0.03218
Nagpa	MmuINT0105441	chr16	5196152	5197647	-	0.055238
Naif1	MmuINT0105447	chr2	32308470	32310316	+	0.05876
Naip1	MmuINT0105460	chr13	1.01E+08	1.01E+08	-	0.982066
Nampt	MmuINT0105549	chr12	33505492	33515031	+	0.009566
Nampt	MmuINT0105550	chr12	33533617	33535287	+	0.00528
Nampt	MmuINT0105551	chr12	33515189	33517896	+	0.001998
Nampt	MmuINT0105552	chr12	33518001	33519766	+	0.000891
Nampt	MmuINT0105553	chr12	33519896	33523163	+	0.001564
Nampt	MmuINT0105554	chr12	33523323	33524015	+	0.0013
Nampt	MmuINT0105555	chr12	33524153	33525789	+	0.000922
Nampt	MmuINT0105556	chr12	33526016	33527549	+	0.000956
Nampt	MmuINT0105557	chr12	33527670	33531570	+	0.001926
Nampt	MmuINT0105558	chr12	33531712	33533481	+	0.007255
Nans	MmuINT0105565	chr4	46502363	46505577	+	0.008143
Nans	MmuINT0105566	chr4	46505794	46511914	+	0.01085
Nans	MmuINT0105567	chr4	46512015	46512937	+	0.021961
Nans	MmuINT0105568	chr4	46513093	46513584	+	0.013018
Nans	MmuINT0105569	chr4	46513852	46515306	+	0.019517
Nap1l4	MmuINT0105582	chr7	1.51E+08	1.51E+08	-	0.012423
Nap1l4	MmuINT0105585	chr7	1.51E+08	1.51E+08	-	0.00365
Nap1l4	MmuINT0105586	chr7	1.51E+08	1.51E+08	-	0.001561
Nap1l4	MmuINT0105587	chr7	1.51E+08	1.51E+08	-	0.014844
Nap1l4	MmuINT0105588	chr7	1.51E+08	1.51E+08	-	0.031668
Nap1l4	MmuINT0105589	chr7	1.51E+08	1.51E+08	-	0.002279
Nap1l4	MmuINT0105590	chr7	1.51E+08	1.51E+08	-	0.002183
Nap1l4	MmuINT0105591	chr7	1.51E+08	1.51E+08	-	0.0012
Nap1l4	MmuINT0105592	chr7	1.51E+08	1.51E+08	-	0.000931
Nap1l4	MmuINT0105593	chr7	1.51E+08	1.51E+08	-	0.001353
Nap1l4	MmuINT0105594	chr7	1.51E+08	1.51E+08	-	0.00244
Nap1l4	MmuINT0105595	chr7	1.51E+08	1.51E+08	-	0.004157
Nap1l4	MmuINT0105596	chr7	1.51E+08	1.51E+08	-	0.001287

Napa	MmuINT0105597	chr7	16684124	16692901	+	0.001733
Napa	MmuINT0105598	chr7	16701000	16701812	+	0.004816
Napa	MmuINT0105599	chr7	16692982	16694399	+	0.004312
Napa	MmuINT0105600	chr7	16694517	16697932	+	0.008312
Napa	MmuINT0105601	chr7	16697980	16698460	+	0.035441
Napa	MmuINT0105602	chr7	16698539	16698698	+	0.009526
Napa	MmuINT0105603	chr7	16698755	16698824	+	0.056474
Napa	MmuINT0105604	chr7	16698910	16699469	+	0.062236
Napa	MmuINT0105605	chr7	16699575	16700551	+	0.014284
Napa	MmuINT0105606	chr7	16700621	16700948	+	0.010359
Napepld	MmuINT0105617	chr5	21189284	21207022	-	0.355801
Napepld	MmuINT0105618	chr5	21181920	21188973	-	0.02899
Napepld	MmuINT0105619	chr5	21176422	21181272	-	0.035602
Napepld	MmuINT0105620	chr5	21171181	21176306	-	0.042639
Napg	MmuINT0105621	chr18	63137679	63140119	+	0.028163
Napg	MmuINT0105622	chr18	63154046	63154616	+	0.115836
Napg	MmuINT0105623	chr18	63154747	63156470	+	0.033431
Napg	MmuINT0105624	chr18	63140188	63142272	+	0.09501
Napg	MmuINT0105625	chr18	63142358	63143027	+	0.138607
Napg	MmuINT0105627	chr18	63143725	63145832	+	0.085119
Napg	MmuINT0105628	chr18	63145943	63146064	+	0.036729
Napg	MmuINT0105629	chr18	63146132	63146607	+	0.03325
Napg	MmuINT0105630	chr18	63146679	63151454	+	0.043454
Napg	MmuINT0105631	chr18	63151534	63153965	+	0.074822
Naprt1	MmuINT0105632	chr15	75724278	75724446	-	0.079786
Naprt1	MmuINT0105633	chr15	75721932	75722009	-	0.033748
Naprt1	MmuINT0105634	chr15	75721687	75721776	-	0.040381
Naprt1	MmuINT0105635	chr15	75721491	75721578	-	0.079638
Naprt1	MmuINT0105636	chr15	75724066	75724149	-	0.083516
Naprt1	MmuINT0105637	chr15	75723867	75723982	-	0.058262
Naprt1	MmuINT0105638	chr15	75723651	75723735	-	0.086082
Naprt1	MmuINT0105639	chr15	75723184	75723534	-	0.073956
Naprt1	MmuINT0105640	chr15	75722913	75722986	-	0.027168
Naprt1	MmuINT0105641	chr15	75722478	75722771	-	0.060499
Naprt1	MmuINT0105642	chr15	75722295	75722392	-	0.029073
Naprt1	MmuINT0105643	chr15	75722113	75722213	-	0.014539
Narf	MmuINT0105652	chr11	1.21E+08	1.21E+08	+	0.00419
Narf	MmuINT0105653	chr11	1.21E+08	1.21E+08	+	0.010691
Narf	MmuINT0105654	chr11	1.21E+08	1.21E+08	+	0.004371
Narf	MmuINT0105655	chr11	1.21E+08	1.21E+08	+	0.004888
Narf	MmuINT0105656	chr11	1.21E+08	1.21E+08	+	0.002507
Narf	MmuINT0105657	chr11	1.21E+08	1.21E+08	+	0.00399
Narf	MmuINT0105658	chr11	1.21E+08	1.21E+08	+	0.009808
Narf	MmuINT0105659	chr11	1.21E+08	1.21E+08	+	0.004308
Narf	MmuINT0105660	chr11	1.21E+08	1.21E+08	+	0.045819
Narf	MmuINT0105661	chr11	1.21E+08	1.21E+08	+	0.018533
Narfl	MmuINT0105662	chr17	25910833	25911990	+	0.01404
Narfl	MmuINT0105663	chr17	25918791	25918960	+	0.022573
Narfl	MmuINT0105664	chr17	25912087	25913910	+	0.023841
Narfl	MmuINT0105665	chr17	25914055	25914269	+	0.009927

Narfl	MmuINT0105666	chr17	25914403	25915894	+	0.011141
Narfl	MmuINT0105667	chr17	25916030	25916442	+	0.00584
Narfl	MmuINT0105668	chr17	25916562	25917251	+	0.019557
Narfl	MmuINT0105669	chr17	25917382	25917824	+	0.028891
Narfl	MmuINT0105670	chr17	25917898	25918185	+	0.086697
Narfl	MmuINT0105671	chr17	25918324	25918632	+	0.023152
Narg2	MmuINT0105673	chr9	69264169	69264740	+	0.174276
Narg2	MmuINT0105674	chr9	69264917	69269467	+	0.096803
Narg2	MmuINT0105677	chr9	69274709	69276122	+	0.150518
Narg2	MmuINT0105678	chr9	69276382	69279847	+	0.112316
Narg2	MmuINT0105684	chr9	69258697	69259113	+	0.031098
Narg2	MmuINT0105685	chr9	69259274	69260008	+	0.038112
Nars	MmuINT0105687	chr18	64675063	64676069	-	0.004704
Nars	MmuINT0105688	chr18	64664128	64664501	-	0.020722
Nars	MmuINT0105689	chr18	64663276	64663991	-	0.033041
Nars	MmuINT0105690	chr18	64661530	64663161	-	0.005489
Nars	MmuINT0105691	chr18	64661089	64661397	-	0.039331
Nars	MmuINT0105692	chr18	64660304	64660956	-	0.013679
Nars	MmuINT0105693	chr18	64671532	64671637	-	0.004833
Nars	MmuINT0105694	chr18	64671355	64671438	-	0.003818
Nars	MmuINT0105695	chr18	64670186	64671264	-	0.005605
Nars	MmuINT0105696	chr18	64668970	64670106	-	0.004698
Nars	MmuINT0105697	chr18	64667513	64668898	-	0.005672
Nars	MmuINT0105698	chr18	64665033	64667425	-	0.002909
Nars	MmuINT0105699	chr18	64664702	64664810	-	0.002928
Nars2	MmuINT0105700	chr7	1.04E+08	1.04E+08	+	0.016176
Nars2	MmuINT0105701	chr7	1.04E+08	1.04E+08	+	0.015037
Nars2	MmuINT0105702	chr7	1.04E+08	1.04E+08	+	0.011177
Nars2	MmuINT0105703	chr7	1.04E+08	1.04E+08	+	0.018395
Nars2	MmuINT0105704	chr7	1.04E+08	1.04E+08	+	0.071507
Nars2	MmuINT0105705	chr7	1.04E+08	1.04E+08	+	0.00944
Nars2	MmuINT0105706	chr7	1.04E+08	1.04E+08	+	0.016016
Nars2	MmuINT0105707	chr7	1.04E+08	1.04E+08	+	0.012445
Nars2	MmuINT0105708	chr7	1.04E+08	1.04E+08	+	0.02556
Nars2	MmuINT0105709	chr7	1.04E+08	1.04E+08	+	0.019429
Nars2	MmuINT0105710	chr7	1.04E+08	1.04E+08	+	0.021377
Nars2	MmuINT0105711	chr7	1.04E+08	1.04E+08	+	0.017706
Nars2	MmuINT0105712	chr7	1.04E+08	1.04E+08	+	0.038342
Nasp	MmuINT0105713	chr4	1.16E+08	1.16E+08	-	0.024489
Nasp	MmuINT0105714	chr4	1.16E+08	1.16E+08	-	0.031995
Nasp	MmuINT0105715	chr4	1.16E+08	1.16E+08	-	0.007545
Nasp	MmuINT0105716	chr4	1.16E+08	1.16E+08	-	0.027474
Nasp	MmuINT0105717	chr4	1.16E+08	1.16E+08	-	0.025742
Nasp	MmuINT0105718	chr4	1.16E+08	1.16E+08	-	0.010379
Nasp	MmuINT0105719	chr4	1.16E+08	1.16E+08	-	0.017175
Nasp	MmuINT0105720	chr4	1.16E+08	1.16E+08	-	0.286251
Nasp	MmuINT0105721	chr4	1.16E+08	1.16E+08	-	0.02162
Nasp	MmuINT0105723	chr4	1.16E+08	1.16E+08	-	0.022791
Nasp	MmuINT0105724	chr4	1.16E+08	1.16E+08	-	0.018137
Nat10	MmuINT0105727	chr2	1.04E+08	1.04E+08	-	0.048683

Nat10	MmuINT0105728	chr2	1.04E+08	1.04E+08	-	0.018994
Nat10	MmuINT0105729	chr2	1.04E+08	1.04E+08	-	0.017951
Nat10	MmuINT0105730	chr2	1.04E+08	1.04E+08	-	0.017901
Nat10	MmuINT0105731	chr2	1.04E+08	1.04E+08	-	0.118468
Nat10	MmuINT0105732	chr2	1.04E+08	1.04E+08	-	0.066794
Nat10	MmuINT0105733	chr2	1.04E+08	1.04E+08	-	0.034207
Nat10	MmuINT0105734	chr2	1.04E+08	1.04E+08	-	0.020847
Nat10	MmuINT0105735	chr2	1.04E+08	1.04E+08	-	0.025341
Nat10	MmuINT0105736	chr2	1.04E+08	1.04E+08	-	0.082562
Nat10	MmuINT0105737	chr2	1.04E+08	1.04E+08	-	0.033877
Nat10	MmuINT0105738	chr2	1.04E+08	1.04E+08	-	0.018451
Nat10	MmuINT0105739	chr2	1.04E+08	1.04E+08	-	0.024004
Nat10	MmuINT0105740	chr2	1.04E+08	1.04E+08	-	0.027579
Nat10	MmuINT0105741	chr2	1.04E+08	1.04E+08	-	0.025438
Nat10	MmuINT0105742	chr2	1.04E+08	1.04E+08	-	0.017478
Nat10	MmuINT0105743	chr2	1.04E+08	1.04E+08	-	0.025402
Nat10	MmuINT0105744	chr2	1.04E+08	1.04E+08	-	0.227805
Nat10	MmuINT0105745	chr2	1.04E+08	1.04E+08	-	0.037614
Nat10	MmuINT0105746	chr2	1.04E+08	1.04E+08	-	0.0171
Nat10	MmuINT0105747	chr2	1.04E+08	1.04E+08	-	0.046395
Nat10	MmuINT0105748	chr2	1.04E+08	1.04E+08	-	0.019181
Nat10	MmuINT0105749	chr2	1.04E+08	1.04E+08	-	0.013663
Nat10	MmuINT0105750	chr2	1.04E+08	1.04E+08	-	0.027694
Nat10	MmuINT0105751	chr2	1.04E+08	1.04E+08	-	0.025958
Nat10	MmuINT0105752	chr2	1.04E+08	1.04E+08	-	0.018524
Nat10	MmuINT0105753	chr2	1.04E+08	1.04E+08	-	0.030897
Nat10	MmuINT0105754	chr2	1.04E+08	1.04E+08	-	0.031123
Nat14	MmuINT0105755	chr7	4874242	4874812	+	0.502077
Nat14	MmuINT0105756	chr7	4874932	4875504	+	0.040072
Nat15	MmuINT0105757	chr16	3884807	3894368	+	0.010241
Nat15	MmuINT0105758	chr16	3894485	3897250	+	0.010364
Nat15	MmuINT0105759	chr16	3897381	3899871	+	0.014415
Nat15	MmuINT0105760	chr16	3899969	3900642	+	0.073218
Nat15	MmuINT0105761	chr16	3900878	3901782	+	0.058347
Nat15	MmuINT0105762	chr16	3902126	3903465	+	0.16768
Nat6	MmuINT0105767	chr9	1.07E+08	1.07E+08	+	0.306852
Nat9	MmuINT0105771	chr11	1.15E+08	1.15E+08	-	0.126748
Nat9	MmuINT0105772	chr11	1.15E+08	1.15E+08	-	0.013483
Nat9	MmuINT0105773	chr11	1.15E+08	1.15E+08	-	0.056703
Nat9	MmuINT0105774	chr11	1.15E+08	1.15E+08	-	0.048711
Nat9	MmuINT0105775	chr11	1.15E+08	1.15E+08	-	0.045052
Nat9	MmuINT0105776	chr11	1.15E+08	1.15E+08	-	0.008717
Nav1	MmuINT0105781	chr1	1.37E+08	1.37E+08	-	0.044539
Nav1	MmuINT0105782	chr1	1.37E+08	1.37E+08	-	0.0274
Nav1	MmuINT0105783	chr1	1.37E+08	1.37E+08	-	0.028673
Nav1	MmuINT0105785	chr1	1.37E+08	1.37E+08	-	0.017005
Nav1	MmuINT0105787	chr1	1.37E+08	1.37E+08	-	0.025009
Nav1	MmuINT0105789	chr1	1.37E+08	1.37E+08	-	0.365208
Nav1	MmuINT0105790	chr1	1.37E+08	1.37E+08	-	0.047889
Nav1	MmuINT0105791	chr1	1.37E+08	1.37E+08	-	0.02124



Nav1	MmuINT0105792	chr1	1.37E+08	1.37E+08	-	0.043525
Nav1	MmuINT0105793	chr1	1.37E+08	1.37E+08	-	0.026543
Nav1	MmuINT0105794	chr1	1.37E+08	1.37E+08	-	0.024595
Nav1	MmuINT0105795	chr1	1.37E+08	1.37E+08	-	0.018948
Nav1	MmuINT0105796	chr1	1.37E+08	1.37E+08	-	0.043126
Nav1	MmuINT0105797	chr1	1.37E+08	1.37E+08	-	0.013508
Nav1	MmuINT0105799	chr1	1.37E+08	1.37E+08	-	0.02448
Nav1	MmuINT0105801	chr1	1.37E+08	1.37E+08	-	0.021913
Nav1	MmuINT0105802	chr1	1.37E+08	1.37E+08	-	0.053992
Nav2	MmuINT0105808	chr7	56720300	56746738	+	0.020417
Nav2	MmuINT0105809	chr7	56746862	56791263	+	0.0169
Nav2	MmuINT0105810	chr7	56791403	56801169	+	0.008223
Nav2	MmuINT0105811	chr7	56801462	56803208	+	0.011708
Nav2	MmuINT0105813	chr7	56807420	56808209	+	0.089512
Nav2	MmuINT0105814	chr7	56808276	56809584	+	0.022621
Nav2	MmuINT0105815	chr7	56809630	56812279	+	0.025179
Nav2	MmuINT0105816	chr7	56812441	56814077	+	0.024559
Nav2	MmuINT0105817	chr7	56814267	56819440	+	0.016047
Nav2	MmuINT0105818	chr7	56617586	56627686	+	0.030946
Nav2	MmuINT0105819	chr7	56819494	56820454	+	0.013535
Nav2	MmuINT0105820	chr7	56820479	56820575	+	0.013354
Nav2	MmuINT0105821	chr7	56820651	56826061	+	0.010955
Nav2	MmuINT0105822	chr7	56826146	56826503	+	0.014
Nav2	MmuINT0105823	chr7	56826616	56827677	+	0.009671
Nav2	MmuINT0105825	chr7	56831191	56838173	+	0.005232
Nav2	MmuINT0105826	chr7	56838328	56839419	+	0.009415
Nav2	MmuINT0105827	chr7	56839583	56840513	+	0.008386
Nav2	MmuINT0105828	chr7	56840615	56843076	+	0.012221
Nav2	MmuINT0105830	chr7	56843173	56844519	+	0.009283
Nav2	MmuINT0105831	chr7	56844689	56849586	+	0.014821
Nav2	MmuINT0105832	chr7	56849823	56852524	+	0.027462
Nav2	MmuINT0105833	chr7	56852680	56852871	+	0.010936
Nav2	MmuINT0105834	chr7	56852944	56853646	+	0.012706
Nav2	MmuINT0105835	chr7	56853844	56854133	+	0.007736
Nav2	MmuINT0105836	chr7	56854253	56859794	+	0.018054
Nav2	MmuINT0105837	chr7	56859999	56862065	+	0.007475
Nav2	MmuINT0105840	chr7	56675711	56707768	+	0.01628
Nav2	MmuINT0105841	chr7	56708877	56713465	+	0.04478
Nav2	MmuINT0105843	chr7	56717388	56719909	+	0.020232
Nbas	MmuINT0105882	chr12	13276071	13277969	+	0.03235
Nbas	MmuINT0105883	chr12	13307038	13313709	+	0.068514
Nbas	MmuINT0105884	chr12	13313779	13316981	+	0.027068
Nbas	MmuINT0105885	chr12	13317111	13324503	+	0.038265
Nbas	MmuINT0105886	chr12	13324568	13328450	+	0.067084
Nbas	MmuINT0105887	chr12	13328645	13329661	+	0.028328
Nbas	MmuINT0105888	chr12	13329920	13331074	+	0.024468
Nbas	MmuINT0105889	chr12	13331201	13335141	+	0.01983
Nbas	MmuINT0105890	chr12	13335294	13337422	+	0.020242
Nbas	MmuINT0105891	chr12	13337564	13337829	+	0.024001
Nbas	MmuINT0105892	chr12	13337909	13342636	+	0.033183

Nbas	MmuINT0105893	chr12	13278025	13279462	+	0.042741
Nbas	MmuINT0105894	chr12	13342742	13343079	+	0.032878
Nbas	MmuINT0105895	chr12	13343217	13359588	+	0.015403
Nbas	MmuINT0105896	chr12	13359673	13363629	+	0.021339
Nbas	MmuINT0105897	chr12	13363784	13367736	+	0.026188
Nbas	MmuINT0105898	chr12	13367923	13369247	+	0.022268
Nbas	MmuINT0105899	chr12	13369422	13381501	+	0.026364
Nbas	MmuINT0105900	chr12	13381636	13384239	+	0.029526
Nbas	MmuINT0105902	chr12	13386576	13397730	+	0.023793
Nbas	MmuINT0105903	chr12	13397834	13400108	+	0.028929
Nbas	MmuINT0105904	chr12	13279500	13280593	+	0.049628
Nbas	MmuINT0105905	chr12	13400339	13412179	+	0.016729
Nbas	MmuINT0105906	chr12	13412293	13414999	+	0.022961
Nbas	MmuINT0105907	chr12	13415114	13420333	+	0.019408
Nbas	MmuINT0105908	chr12	13420448	13421589	+	0.024346
Nbas	MmuINT0105909	chr12	13421748	13422450	+	0.023925
Nbas	MmuINT0105910	chr12	13422538	13439702	+	0.018399
Nbas	MmuINT0105911	chr12	13439868	13448272	+	0.020711
Nbas	MmuINT0105912	chr12	13448387	13448667	+	0.045847
Nbas	MmuINT0105913	chr12	13448753	13459858	+	0.028878
Nbas	MmuINT0105914	chr12	13459936	13460290	+	0.017343
Nbas	MmuINT0105915	chr12	13280672	13280980	+	0.045366
Nbas	MmuINT0105916	chr12	13460429	13476646	+	0.022583
Nbas	MmuINT0105917	chr12	13476877	13480932	+	0.019837
Nbas	MmuINT0105918	chr12	13481044	13489191	+	0.012905
Nbas	MmuINT0105919	chr12	13489443	13490515	+	0.014566
Nbas	MmuINT0105920	chr12	13490851	13520175	+	0.01246
Nbas	MmuINT0105921	chr12	13520395	13525750	+	0.013925
Nbas	MmuINT0105922	chr12	13525954	13527500	+	0.019281
Nbas	MmuINT0105923	chr12	13527591	13541185	+	0.018841
Nbas	MmuINT0105924	chr12	13541382	13565417	+	0.013814
Nbas	MmuINT0105925	chr12	13565558	13567642	+	0.014234
Nbas	MmuINT0105926	chr12	13281029	13286193	+	0.044961
Nbas	MmuINT0105927	chr12	13567782	13572934	+	0.018812
Nbas	MmuINT0105928	chr12	13573064	13590196	+	0.014411
Nbas	MmuINT0105929	chr12	13286238	13291988	+	0.041778
Nbas	MmuINT0105930	chr12	13292123	13295476	+	0.025532
Nbas	MmuINT0105931	chr12	13295611	13296687	+	0.023165
Nbas	MmuINT0105932	chr12	13296787	13306898	+	0.030341
Nbea	MmuINT0105947	chr3	55806864	55808455	-	0.039946
Nbea	MmuINT0105952	chr3	55791998	55794959	-	0.049126
Nbea	MmuINT0105954	chr3	55787768	55789531	-	0.043581
Nbea	MmuINT0105959	chr3	55738563	55756957	-	0.061077
Nbea	MmuINT0105975	chr3	55469664	55484819	-	0.028021
Nbea	MmuINT0105980	chr3	55447722	55449859	-	0.035174
Nbea	MmuINT0105983	chr3	55434262	55435889	-	0.042476
Nbea	MmuINT0105984	chr3	55432516	55434064	-	0.026816
Nbea	MmuINT0105985	chr3	55430917	55432363	-	0.122745
Nbeal1	MmuINT0105990	chr1	60237530	60238306	+	0.06944
Nbeal1	MmuINT0105995	chr1	60293348	60293940	+	0.088345

Nbeal1	MmuINT0105998	chr1	60299469	60301637	+	0.041341
Nbeal1	MmuINT0105999	chr1	60301728	60304459	+	0.039633
Nbeal1	MmuINT0106001	chr1	60238599	60251347	+	0.053801
Nbeal1	MmuINT0106002	chr1	60305341	60307878	+	0.048344
Nbeal1	MmuINT0106005	chr1	60310353	60311737	+	0.040465
Nbeal1	MmuINT0106006	chr1	60311897	60314273	+	0.037852
Nbeal1	MmuINT0106009	chr1	60317638	60318253	+	0.033573
Nbeal1	MmuINT0106010	chr1	60318430	60321122	+	0.033098
Nbeal1	MmuINT0106011	chr1	60321277	60321725	+	0.032446
Nbeal1	MmuINT0106012	chr1	60251440	60251858	+	0.039958
Nbeal1	MmuINT0106013	chr1	60321855	60324602	+	0.024898
Nbeal1	MmuINT0106014	chr1	60324909	60325226	+	0.03018
Nbeal1	MmuINT0106015	chr1	60325377	60327115	+	0.030068
Nbeal1	MmuINT0106016	chr1	60327274	60328976	+	0.041962
Nbeal1	MmuINT0106017	chr1	60329102	60333968	+	0.023445
Nbeal1	MmuINT0106018	chr1	60334096	60334756	+	0.024407
Nbeal1	MmuINT0106019	chr1	60334906	60335510	+	0.024272
Nbeal1	MmuINT0106020	chr1	60335645	60336542	+	0.029912
Nbeal1	MmuINT0106021	chr1	60336645	60338090	+	0.068538
Nbeal1	MmuINT0106022	chr1	60338187	60338668	+	0.025526
Nbeal1	MmuINT0106023	chr1	60252021	60256948	+	0.064307
Nbeal1	MmuINT0106024	chr1	60338794	60340826	+	0.024554
Nbeal1	MmuINT0106025	chr1	60340968	60344154	+	0.036916
Nbeal1	MmuINT0106026	chr1	60344286	60346758	+	0.018652
Nbeal1	MmuINT0106027	chr1	60346869	60348677	+	0.026164
Nbeal1	MmuINT0106028	chr1	60348796	60349710	+	0.030361
Nbeal1	MmuINT0106029	chr1	60349809	60352722	+	0.018407
Nbeal1	MmuINT0106030	chr1	60352840	60362118	+	0.03029
Nbeal1	MmuINT0106031	chr1	60362209	60367047	+	0.043268
Nbeal1	MmuINT0106032	chr1	60367158	60367770	+	0.025221
Nbeal1	MmuINT0106033	chr1	60367944	60368994	+	0.018312
Nbeal1	MmuINT0106034	chr1	60257031	60257707	+	0.054759
Nbeal1	MmuINT0106035	chr1	60369090	60376160	+	0.019232
Nbeal1	MmuINT0106036	chr1	60376278	60376514	+	0.016688
Nbeal1	MmuINT0106037	chr1	60376677	60384903	+	0.020348
Nbeal1	MmuINT0106038	chr1	60385053	60386170	+	0.016889
Nbeal1	MmuINT0106039	chr1	60386307	60387734	+	0.012629
Nbeal1	MmuINT0106040	chr1	60257836	60263177	+	0.053315
Nbeal1	MmuINT0106041	chr1	60263261	60274039	+	0.053515
Nbeal1	MmuINT0106042	chr1	60274126	60278910	+	0.052484
Nbeal1	MmuINT0106043	chr1	60279218	60281468	+	0.041091
Nbeal2	MmuINT0106057	chr9	1.11E+08	1.11E+08	-	0.117556
Nbeal2	MmuINT0106059	chr9	1.11E+08	1.11E+08	-	0.135059
Nbeal2	MmuINT0106062	chr9	1.11E+08	1.11E+08	-	0.081445
Nbeal2	MmuINT0106065	chr9	1.11E+08	1.11E+08	-	0.064629
Nbeal2	MmuINT0106067	chr9	1.11E+08	1.11E+08	-	0.037792
Nbeal2	MmuINT0106068	chr9	1.11E+08	1.11E+08	-	0.066333
Nbeal2	MmuINT0106069	chr9	1.11E+08	1.11E+08	-	0.039738
Nbeal2	MmuINT0106070	chr9	1.11E+08	1.11E+08	-	0.03688
Nbeal2	MmuINT0106071	chr9	1.11E+08	1.11E+08	-	0.031906

Nbeal2	MmuINT0106072	chr9	1.11E+08	1.11E+08	-	0.049607
Nbeal2	MmuINT0106073	chr9	1.11E+08	1.11E+08	-	0.02202
Nbeal2	MmuINT0106074	chr9	1.11E+08	1.11E+08	-	0.055851
Nbeal2	MmuINT0106075	chr9	1.11E+08	1.11E+08	-	0.207151
Nbeal2	MmuINT0106076	chr9	1.11E+08	1.11E+08	-	0.049642
Nbeal2	MmuINT0106078	chr9	1.11E+08	1.11E+08	-	0.051608
Nbeal2	MmuINT0106079	chr9	1.11E+08	1.11E+08	-	0.491152
Nbeal2	MmuINT0106080	chr9	1.11E+08	1.11E+08	-	0.068591
Nbeal2	MmuINT0106081	chr9	1.11E+08	1.11E+08	-	0.03637
Nbeal2	MmuINT0106082	chr9	1.11E+08	1.11E+08	-	0.038782
Nbeal2	MmuINT0106083	chr9	1.11E+08	1.11E+08	-	0.065446
Nbeal2	MmuINT0106084	chr9	1.11E+08	1.11E+08	-	0.07034
Nbeal2	MmuINT0106085	chr9	1.11E+08	1.11E+08	-	0.224202
Nbeal2	MmuINT0106086	chr9	1.11E+08	1.11E+08	-	0.042312
Nbeal2	MmuINT0106087	chr9	1.11E+08	1.11E+08	-	0.053324
Nbeal2	MmuINT0106089	chr9	1.11E+08	1.11E+08	-	0.036072
Nbeal2	MmuINT0106090	chr9	1.11E+08	1.11E+08	-	0.039421
Nbeal2	MmuINT0106091	chr9	1.11E+08	1.11E+08	-	0.056834
Nbeal2	MmuINT0106092	chr9	1.11E+08	1.11E+08	-	0.025944
Nbl1	MmuINT0106098	chr4	1.39E+08	1.39E+08	-	0.018444
Nbl1	MmuINT0106099	chr4	1.39E+08	1.39E+08	-	0.038707
Nbn	MmuINT0106100	chr4	15885258	15889457	+	0.038712
Nbn	MmuINT0106101	chr4	15906561	15908453	+	0.006531
Nbn	MmuINT0106102	chr4	15908896	15911100	+	0.029262
Nbn	MmuINT0106103	chr4	15911170	15913655	+	0.035386
Nbn	MmuINT0106104	chr4	15913812	15916148	+	0.007772
Nbn	MmuINT0106105	chr4	15916263	15918328	+	0.024949
Nbn	MmuINT0106106	chr4	15918379	15919580	+	0.024278
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Nbn	MmuINT0106108	chr4	15891068	15891393	+	0.011029
Nbn	MmuINT0106109	chr4	15891554	15892280	+	0.008958
Nbn	MmuINT0106110	chr4	15892385	15896487	+	0.009217
Nbn	MmuINT0106111	chr4	15896606	15897867	+	0.008937
Nbn	MmuINT0106112	chr4	15898062	15898912	+	0.016285
Nbn	MmuINT0106113	chr4	15899011	15903181	+	0.008775
Nbn	MmuINT0106114	chr4	15903312	15906287	+	0.008337
Nbr1	MmuINT0106115	chr11	1.01E+08	1.01E+08	+	0.005878
Nbr1	MmuINT0106116	chr11	1.01E+08	1.01E+08	+	0.002515
Nbr1	MmuINT0106117	chr11	1.01E+08	1.01E+08	+	0.002997
Nbr1	MmuINT0106118	chr11	1.01E+08	1.01E+08	+	0.002255
Nbr1	MmuINT0106119	chr11	1.01E+08	1.01E+08	+	0.002478
Nbr1	MmuINT0106120	chr11	1.01E+08	1.01E+08	+	0.003789
Nbr1	MmuINT0106121	chr11	1.01E+08	1.01E+08	+	0.00396
Nbr1	MmuINT0106122	chr11	1.01E+08	1.01E+08	+	0.021545
Nbr1	MmuINT0106123	chr11	1.01E+08	1.01E+08	+	0.038654
Nbr1	MmuINT0106124	chr11	1.01E+08	1.01E+08	+	0.004331
Nbr1	MmuINT0106125	chr11	1.01E+08	1.01E+08	+	0.004344
Nbr1	MmuINT0106126	chr11	1.01E+08	1.01E+08	+	0.004737
Nbr1	MmuINT0106127	chr11	1.01E+08	1.01E+08	+	0.003001
Nbr1	MmuINT0106128	chr11	1.01E+08	1.01E+08	+	0.046893

Nbr1	MmuINT0106129	chr11	1.01E+08	1.01E+08	+	0.054027
Nbr1	MmuINT0106130	chr11	1.01E+08	1.01E+08	+	0.041284
Nbr1	MmuINT0106131	chr11	1.01E+08	1.01E+08	+	0.004977
Nbr1	MmuINT0106132	chr11	1.01E+08	1.01E+08	+	0.005229
Nbr1	MmuINT0106133	chr11	1.01E+08	1.01E+08	+	0.006528
Nbr1	MmuINT0106135	chr11	1.01E+08	1.01E+08	+	0.004165
Nbr1	MmuINT0106136	chr11	1.01E+08	1.01E+08	+	0.002652
Nbr1	MmuINT0106137	chr11	1.01E+08	1.01E+08	+	0.005734
Ncam1	MmuINT0106149	chr9	49353355	49353703	-	0.042955
Ncam1	MmuINT0106150	chr9	49352927	49353257	-	0.034373
Ncam1	MmuINT0106151	chr9	49351248	49352755	-	0.042407
Ncam1	MmuINT0106156	chr9	49376655	49377930	-	0.035463
Ncam1	MmuINT0106157	chr9	49373692	49374779	-	0.049412
Ncam1	MmuINT0106158	chr9	49373147	49373573	-	0.031068
Ncam1	MmuINT0106159	chr9	49365344	49372973	-	0.056261
Ncam1	MmuINT0106160	chr9	49354414	49365200	-	0.057124
Ncam1	MmuINT0106161	chr9	49353889	49354262	-	0.047838
Ncapd2	MmuINT0106198	chr6	1.25E+08	1.25E+08	-	0.051827
Ncapd2	MmuINT0106199	chr6	1.25E+08	1.25E+08	-	0.018479
Ncapd2	MmuINT0106200	chr6	1.25E+08	1.25E+08	-	0.026825
Ncapd2	MmuINT0106201	chr6	1.25E+08	1.25E+08	-	0.0227
Ncapd2	MmuINT0106202	chr6	1.25E+08	1.25E+08	-	0.017122
Ncapd2	MmuINT0106203	chr6	1.25E+08	1.25E+08	-	0.021878
Ncapd2	MmuINT0106204	chr6	1.25E+08	1.25E+08	-	0.033776
Ncapd2	MmuINT0106205	chr6	1.25E+08	1.25E+08	-	0.185664
Ncapd2	MmuINT0106206	chr6	1.25E+08	1.25E+08	-	0.21774
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Ncapd2	MmuINT0106208	chr6	1.25E+08	1.25E+08	-	0.02452
Ncapd2	MmuINT0106209	chr6	1.25E+08	1.25E+08	-	0.061656
Ncapd2	MmuINT0106210	chr6	1.25E+08	1.25E+08	-	0.028005
Ncapd2	MmuINT0106211	chr6	1.25E+08	1.25E+08	-	0.026654
Ncapd2	MmuINT0106212	chr6	1.25E+08	1.25E+08	-	0.045827
Ncapd2	MmuINT0106213	chr6	1.25E+08	1.25E+08	-	0.027714
Ncapd2	MmuINT0106214	chr6	1.25E+08	1.25E+08	-	0.021184
Ncapd2	MmuINT0106215	chr6	1.25E+08	1.25E+08	-	0.016412
Ncapd2	MmuINT0106216	chr6	1.25E+08	1.25E+08	-	0.035947
Ncapd2	MmuINT0106217	chr6	1.25E+08	1.25E+08	-	0.042223
Ncapd2	MmuINT0106218	chr6	1.25E+08	1.25E+08	-	0.026352
Ncapd2	MmuINT0106219	chr6	1.25E+08	1.25E+08	-	0.034957
Ncapd2	MmuINT0106220	chr6	1.25E+08	1.25E+08	-	0.027565
Ncapd2	MmuINT0106221	chr6	1.25E+08	1.25E+08	-	0.019912
Ncapd2	MmuINT0106222	chr6	1.25E+08	1.25E+08	-	0.020898
Ncapd2	MmuINT0106223	chr6	1.25E+08	1.25E+08	-	0.018013
Ncapd2	MmuINT0106224	chr6	1.25E+08	1.25E+08	-	0.018266
Ncapd2	MmuINT0106225	chr6	1.25E+08	1.25E+08	-	0.018892
Ncapd2	MmuINT0106226	chr6	1.25E+08	1.25E+08	-	0.021347
Ncapd2	MmuINT0106227	chr6	1.25E+08	1.25E+08	-	0.020949
Ncapd3	MmuINT0106228	chr9	26838085	26838207	+	0.597549
Ncapd3	MmuINT0106238	chr9	26871453	26871561	+	0.031278
Ncapd3	MmuINT0106244	chr9	26879549	26880307	+	0.020675

Ncapd3	MmuINT0106245	chr9	26880388	26889990	+	0.072673
Ncapd3	MmuINT0106246	chr9	26890129	26890414	+	0.018432
Ncapd3	MmuINT0106247	chr9	26890549	26890768	+	0.017735
Ncapd3	MmuINT0106248	chr9	26890966	26893524	+	0.017044
Ncapd3	MmuINT0106249	chr9	26893636	26894966	+	0.014969
Ncapd3	MmuINT0106251	chr9	26895150	26895563	+	0.022361
Ncapd3	MmuINT0106252	chr9	26895782	26896017	+	0.024768
Ncapd3	MmuINT0106253	chr9	26896152	26896884	+	0.021551
Ncapd3	MmuINT0106254	chr9	26896963	26901985	+	0.029859
Ncapd3	MmuINT0106255	chr9	26902058	26902145	+	0.034798
Ncapd3	MmuINT0106256	chr9	26902207	26902281	+	0.029812
Ncapd3	MmuINT0106258	chr9	26852266	26852635	+	0.01956
Ncaph2	MmuINT0106329	chr15	89199887	89200046	+	0.009476
Ncaph2	MmuINT0106330	chr15	89200114	89200238	+	0.003077
Ncaph2	MmuINT0106331	chr15	89200347	89200455	+	0.011308
Ncaph2	MmuINT0106333	chr15	89200740	89200825	+	0.011743
Ncaph2	MmuINT0106334	chr15	89200920	89201034	+	0.015696
Ncaph2	MmuINT0106335	chr15	89201107	89201183	+	0.010677
Ncaph2	MmuINT0106336	chr15	89201240	89201322	+	0.013815
Ncaph2	MmuINT0106337	chr15	89201425	89201524	+	0.003692
Ncaph2	MmuINT0106340	chr15	89193918	89194035	+	0.000984
Ncaph2	MmuINT0106342	chr15	89194266	89194352	+	0.017077
Ncaph2	MmuINT0106343	chr15	89194433	89194518	+	0.001159
Ncaph2	MmuINT0106344	chr15	89194674	89195043	+	0.002962
Ncaph2	MmuINT0106345	chr15	89195128	89195664	+	0.00231
Ncaph2	MmuINT0106346	chr15	89195763	89199814	+	0.004788
Ncbp1	MmuINT0106347	chr4	46151759	46157656	+	0.012946
Ncbp1	MmuINT0106348	chr4	46169696	46170694	+	0.023538
Ncbp1	MmuINT0106349	chr4	46170806	46172530	+	0.021535
Ncbp1	MmuINT0106350	chr4	46172596	46174132	+	0.025697
Ncbp1	MmuINT0106351	chr4	46174196	46174963	+	0.036363
Ncbp1	MmuINT0106352	chr4	46175039	46175832	+	0.018014
Ncbp1	MmuINT0106353	chr4	46175937	46178037	+	0.010542
Ncbp1	MmuINT0106354	chr4	46178161	46179609	+	0.043197
Ncbp1	MmuINT0106355	chr4	46179713	46180173	+	0.011544
Ncbp1	MmuINT0106356	chr4	46180268	46181322	+	0.011218
Ncbp1	MmuINT0106357	chr4	46181427	46182000	+	0.018362
Ncbp1	MmuINT0106358	chr4	46157746	46158245	+	0.026727
Ncbp1	MmuINT0106359	chr4	46182116	46182816	+	0.007673
Ncbp1	MmuINT0106360	chr4	46182946	46183343	+	0.013024
Ncbp1	MmuINT0106361	chr4	46183458	46184764	+	0.008235
Ncbp1	MmuINT0106362	chr4	46158347	46160250	+	0.111681
Ncbp1	MmuINT0106363	chr4	46160408	46162733	+	0.010964
Ncbp1	MmuINT0106364	chr4	46162842	46163510	+	0.010158
Ncbp1	MmuINT0106365	chr4	46163633	46164887	+	0.010495
Ncbp1	MmuINT0106366	chr4	46164958	46165781	+	0.012353
Ncbp1	MmuINT0106367	chr4	46165998	46168621	+	0.01453
Ncbp1	MmuINT0106368	chr4	46168720	46169631	+	0.02133
Ncbp2	MmuINT0106369	chr16	31948814	31954210	+	0.006937
Ncbp2	MmuINT0106370	chr16	31954393	31956376	+	0.008011

Ncbp2	MmuINT0106371	chr16	31956516	31957024	+	0.007908
Ncdn	MmuINT0106377	chr4	1.26E+08	1.26E+08	-	0.212023
Ncdn	MmuINT0106378	chr4	1.26E+08	1.26E+08	-	0.021002
Ncdn	MmuINT0106379	chr4	1.26E+08	1.26E+08	-	0.013091
Ncdn	MmuINT0106380	chr4	1.26E+08	1.26E+08	-	0.017633
Ncdn	MmuINT0106381	chr4	1.26E+08	1.26E+08	-	0.036183
Ncdn	MmuINT0106382	chr4	1.26E+08	1.26E+08	-	0.046788
Nceh1	MmuINT0106383	chr3	27082138	27121589	+	0.00168
Nceh1	MmuINT0106384	chr3	27121819	27124994	+	0.003488
Nceh1	MmuINT0106385	chr3	27125065	27138453	+	0.006067
Nceh1	MmuINT0106386	chr3	27138626	27140122	+	0.001819
Ncf1	MmuINT0106387	chr5	1.35E+08	1.35E+08	-	0.071552
Ncf1	MmuINT0106388	chr5	1.35E+08	1.35E+08	-	0.149536
Ncf1	MmuINT0106390	chr5	1.35E+08	1.35E+08	-	0.03457
Ncf1	MmuINT0106391	chr5	1.35E+08	1.35E+08	-	0.040052
Ncf1	MmuINT0106392	chr5	1.35E+08	1.35E+08	-	0.05225
Ncf1	MmuINT0106393	chr5	1.35E+08	1.35E+08	-	0.051276
Ncf1	MmuINT0106394	chr5	1.35E+08	1.35E+08	-	0.119215
Ncf1	MmuINT0106395	chr5	1.35E+08	1.35E+08	-	0.260571
Ncf1	MmuINT0106396	chr5	1.35E+08	1.35E+08	-	0.099642
Ncf2	MmuINT0106400	chr1	1.55E+08	1.55E+08	+	0.00544
Ncf2	MmuINT0106403	chr1	1.55E+08	1.55E+08	+	0.053962
Ncf2	MmuINT0106407	chr1	1.55E+08	1.55E+08	+	0.070916
Ncf4	MmuINT0106412	chr15	78080897	78081291	+	0.149922
Nck1	MmuINT0106420	chr9	1E+08	1E+08	-	0.034971
Nck1	MmuINT0106421	chr9	1E+08	1E+08	-	0.011214
Nck1	MmuINT0106422	chr9	1E+08	1E+08	-	0.003566
Nck2	MmuINT0106423	chr1	43502873	43566465	+	0.034616
Nck2	MmuINT0106426	chr1	43611428	43625992	+	0.02241
Nckap1	MmuINT0106427	chr2	80410387	80421014	-	0.005403
Nckap1	MmuINT0106428	chr2	80380764	80381619	-	0.014044
Nckap1	MmuINT0106429	chr2	80380383	80380666	-	0.006558
Nckap1	MmuINT0106430	chr2	80378394	80380275	-	0.006778
Nckap1	MmuINT0106431	chr2	80375713	80378260	-	0.003921
Nckap1	MmuINT0106432	chr2	80373861	80375630	-	0.006133
Nckap1	MmuINT0106433	chr2	80370461	80373801	-	0.004896
Nckap1	MmuINT0106434	chr2	80368825	80370314	-	0.004505
Nckap1	MmuINT0106435	chr2	80365836	80368691	-	0.008659
Nckap1	MmuINT0106436	chr2	80364835	80365715	-	0.003903
Nckap1	MmuINT0106437	chr2	80363665	80364694	-	0.00418
Nckap1	MmuINT0106439	chr2	80360748	80363532	-	0.003409
Nckap1	MmuINT0106440	chr2	80360127	80360528	-	0.003423
Nckap1	MmuINT0106441	chr2	80359814	80359995	-	0.005885
Nckap1	MmuINT0106442	chr2	80358146	80359715	-	0.005351
Nckap1	MmuINT0106443	chr2	80353354	80358051	-	0.016799
Nckap1	MmuINT0106444	chr2	80352915	80353270	-	0.005082
Nckap1	MmuINT0106445	chr2	80348963	80352833	-	0.004295
Nckap1	MmuINT0106446	chr2	80347095	80348868	-	0.006982
Nckap1	MmuINT0106447	chr2	80346440	80346977	-	0.00384
Nckap1	MmuINT0106448	chr2	80342472	80346329	-	0.021118

Nckap1	MmuINT0106449	chr2	80394416	80394854	-	0.00726
Nckap1	MmuINT0106450	chr2	80341569	80342381	-	0.011538
Nckap1	MmuINT0106451	chr2	80393607	80394358	-	0.005977
Nckap1	MmuINT0106452	chr2	80393385	80393463	-	0.014547
Nckap1	MmuINT0106453	chr2	80389125	80393293	-	0.006427
Nckap1	MmuINT0106454	chr2	80388107	80388986	-	0.01088
Nckap1	MmuINT0106455	chr2	80385304	80388057	-	0.005979
Nckap1	MmuINT0106456	chr2	80381677	80385146	-	0.005843
Nckap1l	MmuINT0106459	chr15	1.03E+08	1.03E+08	+	0.05918
Nckap1l	MmuINT0106464	chr15	1.03E+08	1.03E+08	+	0.044948
Nckap1l	MmuINT0106465	chr15	1.03E+08	1.03E+08	+	0.158444
Nckap1l	MmuINT0106466	chr15	1.03E+08	1.03E+08	+	0.079286
Nckap1l	MmuINT0106467	chr15	1.03E+08	1.03E+08	+	0.091282
Nckap1l	MmuINT0106469	chr15	1.03E+08	1.03E+08	+	0.041139
Nckap1l	MmuINT0106470	chr15	1.03E+08	1.03E+08	+	0.03532
Nckap1l	MmuINT0106471	chr15	1.03E+08	1.03E+08	+	0.059158
Nckap1l	MmuINT0106472	chr15	1.03E+08	1.03E+08	+	0.054665
Nckap1l	MmuINT0106475	chr15	1.03E+08	1.03E+08	+	0.066029
Nckap1l	MmuINT0106476	chr15	1.03E+08	1.03E+08	+	0.065505
Nckap1l	MmuINT0106477	chr15	1.03E+08	1.03E+08	+	0.041294
Nckap1l	MmuINT0106478	chr15	1.03E+08	1.03E+08	+	0.072951
Nckap1l	MmuINT0106480	chr15	1.03E+08	1.03E+08	+	0.04287
Nckap1l	MmuINT0106485	chr15	1.03E+08	1.03E+08	+	0.057801
Nckap1l	MmuINT0106486	chr15	1.03E+08	1.03E+08	+	0.063853
Nckap5l	MmuINT0106507	chr15	99254106	99254383	-	0.054912
Nckap5l	MmuINT0106508	chr15	99253710	99253796	-	0.053547
Nckap5l	MmuINT0106509	chr15	99253340	99253566	-	0.109117
Nckap5l	MmuINT0106516	chr15	99254709	99255983	-	0.093072
Nckap5l	MmuINT0106517	chr15	99254466	99254548	-	0.054994
Nckipsd	MmuINT0106519	chr9	1.09E+08	1.09E+08	+	0.035885
Nckipsd	MmuINT0106520	chr9	1.09E+08	1.09E+08	+	0.017766
Nckipsd	MmuINT0106521	chr9	1.09E+08	1.09E+08	+	0.047136
Nckipsd	MmuINT0106522	chr9	1.09E+08	1.09E+08	+	0.027223
Nckipsd	MmuINT0106523	chr9	1.09E+08	1.09E+08	+	0.019454
Nckipsd	MmuINT0106524	chr9	1.09E+08	1.09E+08	+	0.240621
Nckipsd	MmuINT0106525	chr9	1.09E+08	1.09E+08	+	0.127926
Nckipsd	MmuINT0106526	chr9	1.09E+08	1.09E+08	+	0.03849
Nckipsd	MmuINT0106527	chr9	1.09E+08	1.09E+08	+	0.041658
Nckipsd	MmuINT0106528	chr9	1.09E+08	1.09E+08	+	0.045656
Nckipsd	MmuINT0106529	chr9	1.09E+08	1.09E+08	+	0.14065
Ncl	MmuINT0106530	chr1	88254799	88255780	-	0.004781
Ncl	MmuINT0106532	chr1	88248069	88248772	-	0.002778
Ncl	MmuINT0106533	chr1	88247611	88247941	-	0.003852
Ncl	MmuINT0106534	chr1	88247272	88247386	-	0.031621
Ncl	MmuINT0106535	chr1	88254028	88254681	-	0.000878
Ncl	MmuINT0106538	chr1	88252769	88252945	-	0.000237
Ncl	MmuINT0106539	chr1	88251720	88252626	-	0.001021
Ncl	MmuINT0106541	chr1	88249856	88250306	-	0.000337
Ncl	MmuINT0106542	chr1	88249209	88249700	-	0.003769
Ncln	MmuINT0106543	chr10	80956285	80958824	-	0.041102



Ncln	MmuINT0106544	chr10	80951104	80951172	-	0.069471
Ncln	MmuINT0106545	chr10	80950646	80950939	-	0.028026
Ncln	MmuINT0106546	chr10	80950504	80950591	-	0.026303
Ncln	MmuINT0106547	chr10	80950351	80950424	-	0.027447
Ncln	MmuINT0106548	chr10	80955953	80956093	-	0.012347
Ncln	MmuINT0106549	chr10	80955668	80955807	-	0.005986
Ncln	MmuINT0106550	chr10	80954803	80955572	-	0.008662
Ncln	MmuINT0106551	chr10	80954019	80954721	-	0.022799
Ncln	MmuINT0106552	chr10	80953061	80953914	-	0.07321
Ncln	MmuINT0106553	chr10	80952866	80952971	-	0.016571
Ncln	MmuINT0106554	chr10	80951382	80952546	-	0.089794
Ncln	MmuINT0106555	chr10	80951212	80951293	-	0.007789
Ncoa1	MmuINT0106558	chr12	4296249	4297475	-	0.02084
Ncoa1	MmuINT0106559	chr12	4290995	4294909	-	0.012209
Ncoa1	MmuINT0106560	chr12	4278220	4290813	-	0.011913
Ncoa1	MmuINT0106561	chr12	4275342	4278101	-	0.017894
Ncoa1	MmuINT0106562	chr12	4275009	4275172	-	0.012471
Ncoa1	MmuINT0106563	chr12	4270849	4274693	-	0.021784
Ncoa1	MmuINT0106564	chr12	4268010	4270746	-	0.015705
Ncoa1	MmuINT0106565	chr12	4263609	4267606	-	0.012814
Ncoa1	MmuINT0106566	chr12	4259396	4263433	-	0.015562
Ncoa1	MmuINT0106568	chr12	4253747	4259211	-	0.011299
Ncoa1	MmuINT0106569	chr12	4249891	4253656	-	0.110475
Ncoa1	MmuINT0106570	chr12	4249751	4249835	-	0.066039
Ncoa1	MmuINT0106572	chr12	4339185	4344396	-	0.040019
Ncoa1	MmuINT0106576	chr12	4313122	4315685	-	0.02208
Ncoa1	MmuINT0106577	chr12	4306565	4313025	-	0.031615
Ncoa2	MmuINT0106580	chr1	13165430	13167154	-	0.01384
Ncoa2	MmuINT0106581	chr1	13157188	13164159	-	0.010786
Ncoa2	MmuINT0106583	chr1	13152370	13154976	-	0.038688
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Ncoa2	MmuINT0106585	chr1	13146617	13150241	-	0.023055
Ncoa2	MmuINT0106586	chr1	13143157	13146450	-	0.013404
Ncoa2	MmuINT0106587	chr1	13142538	13142877	-	0.015532
Ncoa2	MmuINT0106588	chr1	13141000	13142459	-	0.016184
Ncoa2	MmuINT0106589	chr1	13139190	13140770	-	0.027613
Ncoa2	MmuINT0106591	chr1	13138597	13139011	-	0.014871
Ncoa2	MmuINT0106592	chr1	13137046	13138397	-	0.009921
Ncoa2	MmuINT0106593	chr1	13132854	13136955	-	0.010715
Ncoa2	MmuINT0106594	chr1	13211561	13214689	-	0.014086
Ncoa2	MmuINT0106595	chr1	13180272	13211387	-	0.015445
Ncoa2	MmuINT0106596	chr1	13176992	13180167	-	0.013495
Ncoa2	MmuINT0106597	chr1	13174445	13176813	-	0.017108
Ncoa2	MmuINT0106598	chr1	13171399	13174255	-	0.016358
Ncoa2	MmuINT0106599	chr1	13170706	13171296	-	0.010579
Ncoa2	MmuINT0106600	chr1	13167303	13170561	-	0.012712
Ncoa3	MmuINT0106601	chr2	1.66E+08	1.66E+08	+	0.037753
Ncoa3	MmuINT0106602	chr2	1.66E+08	1.66E+08	+	0.013829
Ncoa3	MmuINT0106603	chr2	1.66E+08	1.66E+08	+	0.014199
Ncoa3	MmuINT0106604	chr2	1.66E+08	1.66E+08	+	0.014927

Ncoa3	MmuINT0106605	chr2	1.66E+08	1.66E+08	+	0.010341
Ncoa3	MmuINT0106606	chr2	1.66E+08	1.66E+08	+	0.012578
Ncoa3	MmuINT0106607	chr2	1.66E+08	1.66E+08	+	0.022083
Ncoa3	MmuINT0106608	chr2	1.66E+08	1.66E+08	+	0.012752
Ncoa3	MmuINT0106609	chr2	1.66E+08	1.66E+08	+	0.023918
Ncoa3	MmuINT0106610	chr2	1.66E+08	1.66E+08	+	0.164357
Ncoa3	MmuINT0106611	chr2	1.66E+08	1.66E+08	+	0.118679
Ncoa3	MmuINT0106612	chr2	1.66E+08	1.66E+08	+	0.031877
Ncoa3	MmuINT0106613	chr2	1.66E+08	1.66E+08	+	0.140053
Ncoa3	MmuINT0106614	chr2	1.66E+08	1.66E+08	+	0.011952
Ncoa3	MmuINT0106615	chr2	1.66E+08	1.66E+08	+	0.013244
Ncoa3	MmuINT0106616	chr2	1.66E+08	1.66E+08	+	0.019351
Ncoa3	MmuINT0106617	chr2	1.66E+08	1.66E+08	+	0.023891
Ncoa3	MmuINT0106618	chr2	1.66E+08	1.66E+08	+	0.07449
Ncoa3	MmuINT0106619	chr2	1.66E+08	1.66E+08	+	0.02104
Ncoa3	MmuINT0106620	chr2	1.66E+08	1.66E+08	+	0.023168
Ncoa3	MmuINT0106621	chr2	1.66E+08	1.66E+08	+	0.020267
Ncoa3	MmuINT0106622	chr2	1.66E+08	1.66E+08	+	0.014615
Ncoa5	MmuINT0106634	chr2	1.65E+08	1.65E+08	-	0.009621
Ncoa5	MmuINT0106635	chr2	1.65E+08	1.65E+08	-	0.01774
Ncoa5	MmuINT0106636	chr2	1.65E+08	1.65E+08	-	0.129389
Ncoa5	MmuINT0106637	chr2	1.65E+08	1.65E+08	-	0.023858
Ncoa5	MmuINT0106638	chr2	1.65E+08	1.65E+08	-	0.018402
Ncoa5	MmuINT0106639	chr2	1.65E+08	1.65E+08	-	0.103061
Ncoa6	MmuINT0106640	chr2	1.55E+08	1.55E+08	-	0.027924
Ncoa6	MmuINT0106641	chr2	1.55E+08	1.55E+08	-	0.042009
Ncoa6	MmuINT0106642	chr2	1.55E+08	1.55E+08	-	0.038728
Ncoa6	MmuINT0106643	chr2	1.55E+08	1.55E+08	-	0.046457
Ncoa6	MmuINT0106644	chr2	1.55E+08	1.55E+08	-	0.037322
Ncoa6	MmuINT0106645	chr2	1.55E+08	1.55E+08	-	0.01778
Ncoa6	MmuINT0106646	chr2	1.55E+08	1.55E+08	-	0.01622
Ncoa6	MmuINT0106647	chr2	1.55E+08	1.55E+08	-	0.026464
Ncoa6	MmuINT0106648	chr2	1.55E+08	1.55E+08	-	0.019116
Ncoa6	MmuINT0106649	chr2	1.55E+08	1.55E+08	-	0.028256
Ncoa6	MmuINT0106650	chr2	1.55E+08	1.55E+08	-	0.017703
Ncoa6	MmuINT0106651	chr2	1.55E+08	1.55E+08	-	0.015566
Ncoa6	MmuINT0106652	chr2	1.55E+08	1.55E+08	-	0.021216
Ncor1	MmuINT0106670	chr11	62208731	62211766	-	0.004198
Ncor1	MmuINT0106671	chr11	62206186	62208639	-	0.006351
Ncor1	MmuINT0106672	chr11	62204536	62206006	-	0.014728
Ncor1	MmuINT0106675	chr11	62196878	62198219	-	0.011485
Ncor1	MmuINT0106676	chr11	62194973	62196662	-	0.014337
Ncor1	MmuINT0106677	chr11	62192157	62194909	-	0.011758
Ncor1	MmuINT0106678	chr11	62190264	62191998	-	0.025317
Ncor1	MmuINT0106680	chr11	62247202	62251839	-	0.002744
Ncor1	MmuINT0106681	chr11	62182926	62186577	-	0.011102
Ncor1	MmuINT0106682	chr11	62180662	62182795	-	0.006989
Ncor1	MmuINT0106683	chr11	62172518	62180465	-	0.009116
Ncor1	MmuINT0106684	chr11	62168191	62172356	-	0.006728
Ncor1	MmuINT0106685	chr11	62167975	62168072	-	0.005866

Ncor1	MmuINT0106686	chr11	62166837	62167884	-	0.774661
Ncor1	MmuINT0106687	chr11	62165049	62166735	-	0.006506
Ncor1	MmuINT0106688	chr11	62162996	62164879	-	0.015134
Ncor1	MmuINT0106690	chr11	62158391	62158736	-	0.009721
Ncor1	MmuINT0106691	chr11	62236570	62247064	-	0.005114
Ncor1	MmuINT0106692	chr11	62156854	62158133	-	0.004726
Ncor1	MmuINT0106693	chr11	62154132	62156498	-	0.005997
Ncor1	MmuINT0106694	chr11	62152571	62153909	-	0.00783
Ncor1	MmuINT0106695	chr11	62151751	62152360	-	0.005912
Ncor1	MmuINT0106696	chr11	62151197	62151600	-	0.011346
Ncor1	MmuINT0106697	chr11	62148164	62151046	-	0.010544
Ncor1	MmuINT0106698	chr11	62147659	62147997	-	0.012388
Ncor1	MmuINT0106699	chr11	62144427	62147164	-	0.076992
Ncor1	MmuINT0106700	chr11	62143642	62144297	-	0.052267
Ncor1	MmuINT0106701	chr11	62143155	62143477	-	0.022158
Ncor1	MmuINT0106702	chr11	62233283	62236376	-	0.003935
Ncor1	MmuINT0106703	chr11	62140752	62142942	-	0.115147
Ncor1	MmuINT0106704	chr11	62139132	62140607	-	0.053055
Ncor1	MmuINT0106705	chr11	62134948	62138988	-	0.116476
Ncor1	MmuINT0106706	chr11	62134720	62134893	-	0.101082
Ncor1	MmuINT0106707	chr11	62133045	62134497	-	0.056353
Ncor1	MmuINT0106708	chr11	62131533	62132867	-	0.048371
Ncor1	MmuINT0106709	chr11	62224436	62233099	-	0.009093
Ncor1	MmuINT0106710	chr11	62217969	62224321	-	0.008952
Ncor1	MmuINT0106711	chr11	62217354	62217911	-	0.009305
Ncor1	MmuINT0106712	chr11	62214770	62217300	-	0.106001
Ncor1	MmuINT0106713	chr11	62211940	62214702	-	0.043734
Ncor2	MmuINT0106715	chr5	1.26E+08	1.26E+08	-	0.015957
Ncor2	MmuINT0106716	chr5	1.26E+08	1.26E+08	-	0.016351
Ncor2	MmuINT0106718	chr5	1.26E+08	1.26E+08	-	0.013886
Ncor2	MmuINT0106719	chr5	1.26E+08	1.26E+08	-	0.017315
Ncor2	MmuINT0106722	chr5	1.26E+08	1.26E+08	-	0.00967
Ncor2	MmuINT0106723	chr5	1.26E+08	1.26E+08	-	0.01709
Ncor2	MmuINT0106724	chr5	1.26E+08	1.26E+08	-	0.038794
Ncor2	MmuINT0106726	chr5	1.26E+08	1.26E+08	-	0.01878
Ncor2	MmuINT0106727	chr5	1.26E+08	1.26E+08	-	0.011131
Ncor2	MmuINT0106728	chr5	1.26E+08	1.26E+08	-	0.014919
Ncor2	MmuINT0106729	chr5	1.26E+08	1.26E+08	-	0.010973
Ncor2	MmuINT0106730	chr5	1.26E+08	1.26E+08	-	0.011381
Ncor2	MmuINT0106731	chr5	1.26E+08	1.26E+08	-	0.00937
Ncor2	MmuINT0106732	chr5	1.26E+08	1.26E+08	-	0.012577
Ncor2	MmuINT0106733	chr5	1.26E+08	1.26E+08	-	0.012886
Ncor2	MmuINT0106734	chr5	1.26E+08	1.26E+08	-	0.012379
Ncor2	MmuINT0106735	chr5	1.26E+08	1.26E+08	-	0.010035
Ncor2	MmuINT0106737	chr5	1.26E+08	1.26E+08	-	0.00885
Ncor2	MmuINT0106738	chr5	1.26E+08	1.26E+08	-	0.007219
Ncor2	MmuINT0106739	chr5	1.26E+08	1.26E+08	-	0.008493
Ncor2	MmuINT0106740	chr5	1.26E+08	1.26E+08	-	0.011916
Ncor2	MmuINT0106741	chr5	1.26E+08	1.26E+08	-	0.006487
Ncor2	MmuINT0106742	chr5	1.26E+08	1.26E+08	-	0.007796

Ncor2	MmuINT0106743	chr5	1.26E+08	1.26E+08	-	0.008093
Ncor2	MmuINT0106744	chr5	1.26E+08	1.26E+08	-	0.008832
Ncor2	MmuINT0106745	chr5	1.26E+08	1.26E+08	-	0.052558
Ncor2	MmuINT0106746	chr5	1.26E+08	1.26E+08	-	0.01889
Ncor2	MmuINT0106748	chr5	1.26E+08	1.26E+08	-	0.166478
Ncor2	MmuINT0106749	chr5	1.26E+08	1.26E+08	-	0.00671
Ncor2	MmuINT0106750	chr5	1.26E+08	1.26E+08	-	0.007097
Ncor2	MmuINT0106751	chr5	1.26E+08	1.26E+08	-	0.009349
Ncor2	MmuINT0106752	chr5	1.26E+08	1.26E+08	-	0.004665
Ncor2	MmuINT0106753	chr5	1.26E+08	1.26E+08	-	0.008384
Ncor2	MmuINT0106754	chr5	1.26E+08	1.26E+08	-	0.027623
Ncor2	MmuINT0106755	chr5	1.25E+08	1.26E+08	-	0.026272
Ncor2	MmuINT0106756	chr5	1.25E+08	1.25E+08	-	0.006693
Ncor2	MmuINT0106757	chr5	1.26E+08	1.26E+08	-	0.012628
Ncor2	MmuINT0106758	chr5	1.26E+08	1.26E+08	-	0.014761
Ncor2	MmuINT0106761	chr5	1.26E+08	1.26E+08	-	0.025087
Ncrna00085	MmuINT0106771	chr17	17968227	17969022	+	0.965581
Ncrna00085	MmuINT0106772	chr17	17969104	17973048	+	0.965342
Ncrna00085	MmuINT0106773	chr17	17973118	17973684	+	0.549084
Ncrna00085	MmuINT0106774	chr17	17973709	17974472	+	0.932083
Ncrna00085	MmuINT0106775	chr17	17974551	17974628	+	0.794455
Ncrna00085	MmuINT0106777	chr17	17975208	17975279	+	0.960943
Ncrna00085	MmuINT0106778	chr17	17975491	17975948	+	0.963535
Ncs1	MmuINT0106780	chr2	31101763	31126131	+	0.055814
Ncs1	MmuINT0106781	chr2	31126157	31136185	+	0.042826
Ncs1	MmuINT0106782	chr2	31136325	31137828	+	0.02747
Ncs1	MmuINT0106783	chr2	31137908	31139666	+	0.048965
Ncs1	MmuINT0106784	chr2	31139756	31140181	+	0.023723
Ncs1	MmuINT0106785	chr2	31140260	31142806	+	0.04611
Ncs1	MmuINT0106786	chr2	31142924	31147803	+	0.036474
Ncstn	MmuINT0106787	chr1	1.74E+08	1.74E+08	-	0.036421
Ncstn	MmuINT0106788	chr1	1.74E+08	1.74E+08	-	0.066224
Ncstn	MmuINT0106789	chr1	1.74E+08	1.74E+08	-	0.009908
Ncstn	MmuINT0106790	chr1	1.74E+08	1.74E+08	-	0.038534
Ncstn	MmuINT0106791	chr1	1.74E+08	1.74E+08	-	0.091075
Ncstn	MmuINT0106792	chr1	1.74E+08	1.74E+08	-	0.097059
Ncstn	MmuINT0106793	chr1	1.74E+08	1.74E+08	-	0.019744
Ncstn	MmuINT0106794	chr1	1.74E+08	1.74E+08	-	0.012645
Ncstn	MmuINT0106795	chr1	1.74E+08	1.74E+08	-	0.00749
Ncstn	MmuINT0106796	chr1	1.74E+08	1.74E+08	-	0.013082
Ncstn	MmuINT0106797	chr1	1.74E+08	1.74E+08	-	0.021171
Ncstn	MmuINT0106798	chr1	1.74E+08	1.74E+08	-	0.004867
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Ncstn	MmuINT0106800	chr1	1.74E+08	1.74E+08	-	0.022134
Ncstn	MmuINT0106801	chr1	1.74E+08	1.74E+08	-	0.007816
Nde1	MmuINT0106820	chr16	14163462	14169544	+	0.008545
Nde1	MmuINT0106821	chr16	14169669	14170430	+	0.004104
Nde1	MmuINT0106822	chr16	14170585	14175383	+	0.004574
Nde1	MmuINT0106823	chr16	14175533	14183568	+	0.005362
Nde1	MmuINT0106824	chr16	14183706	14185786	+	0.004654

Nde1	MmuINT0106825	chr16	14185967	14188405	+	0.007839
Nde1	MmuINT0106826	chr16	14188498	14190179	+	0.007489
Nde1	MmuINT0106827	chr16	14190326	14191810	+	0.208788
Nde1	MmuINT0106828	chr11	68658927	68666443	-	0.007426
Nde1	MmuINT0106829	chr11	68657477	68658828	-	0.006922
Nde1	MmuINT0106830	chr11	68655671	68657322	-	0.003157
Nde1	MmuINT0106831	chr11	68653510	68655521	-	0.004765
Nde1	MmuINT0106832	chr11	68649826	68653372	-	0.00495
Nde1	MmuINT0106833	chr11	68646948	68649651	-	0.004426
Nde1	MmuINT0106834	chr11	68643569	68646855	-	0.003639
Nde1	MmuINT0106835	chr11	68636168	68643416	-	0.159035
Ndfip1	MmuINT0106836	chr18	38578831	38602570	+	0.001771
Ndfip1	MmuINT0106837	chr18	38602659	38607344	+	0.001431
Ndfip1	MmuINT0106838	chr18	38607476	38611208	+	0.001894
Ndfip1	MmuINT0106839	chr18	38611297	38611958	+	0.001279
Ndfip1	MmuINT0106840	chr18	38612084	38615708	+	0.001631
Ndfip1	MmuINT0106841	chr18	38615776	38620198	+	0.003783
Ndfip1	MmuINT0106842	chr18	38620305	38623930	+	0.015935
Ndfip2	MmuINT0106843	chr14	1.06E+08	1.06E+08	+	0.012496
Ndfip2	MmuINT0106844	chr14	1.06E+08	1.06E+08	+	0.007963
Ndfip2	MmuINT0106845	chr14	1.06E+08	1.06E+08	+	0.015812
Ndfip2	MmuINT0106846	chr14	1.06E+08	1.06E+08	+	0.010246
Ndfip2	MmuINT0106847	chr14	1.06E+08	1.06E+08	+	0.014064
Ndfip2	MmuINT0106848	chr14	1.06E+08	1.06E+08	+	0.01166
Ndfip2	MmuINT0106849	chr14	1.06E+08	1.06E+08	+	0.017221
Ndor1	MmuINT0106850	chr2	25110462	25110736	-	0.323196
Ndor1	MmuINT0106851	chr2	25104006	25104151	-	0.165511
Ndor1	MmuINT0106852	chr2	25103761	25103855	-	0.185806
Ndor1	MmuINT0106853	chr2	25103575	25103641	-	0.308688
Ndor1	MmuINT0106854	chr2	25103375	25103479	-	0.242048
Ndor1	MmuINT0106855	chr2	25107339	25110383	-	0.141106
Ndor1	MmuINT0106856	chr2	25105899	25107240	-	0.197409
Ndor1	MmuINT0106857	chr2	25105718	25105799	-	0.081133
Ndor1	MmuINT0106858	chr2	25105524	25105615	-	0.187697
Ndor1	MmuINT0106859	chr2	25105047	25105313	-	0.132469
Ndor1	MmuINT0106860	chr2	25104841	25104924	-	0.074195
Ndor1	MmuINT0106861	chr2	25104533	25104619	-	0.09676
Ndor1	MmuINT0106862	chr2	25104267	25104424	-	0.153718
Ndrgr1	MmuINT0106865	chr15	66792115	66801065	-	0.010332
Ndrgr1	MmuINT0106866	chr15	66770262	66771704	-	0.015482
Ndrgr1	MmuINT0106867	chr15	66769481	66770204	-	0.017962
Ndrgr1	MmuINT0106868	chr15	66768808	66769428	-	0.017462
Ndrgr1	MmuINT0106869	chr15	66767851	66768759	-	0.022105
Ndrgr1	MmuINT0106870	chr15	66765478	66767814	-	0.037942
Ndrgr1	MmuINT0106871	chr15	66762671	66765425	-	0.07277
Ndrgr1	MmuINT0106872	chr15	66790960	66792033	-	0.026081
Ndrgr1	MmuINT0106873	chr15	66780047	66790923	-	0.017665
Ndrgr1	MmuINT0106874	chr15	66778115	66779940	-	0.015008
Ndrgr1	MmuINT0106875	chr15	66776401	66777993	-	0.025083
Ndrgr1	MmuINT0106876	chr15	66775627	66776337	-	0.019592

NdrG1	MmuINT0106877	chr15	66774714	66775565	-	0.01809
NdrG1	MmuINT0106878	chr15	66773631	66774626	-	0.020554
NdrG1	MmuINT0106879	chr15	66771809	66773573	-	0.014957
NdrG2	MmuINT0106881	chr14	52531222	52532997	-	0.011385
NdrG2	MmuINT0106882	chr14	52527305	52527742	-	0.000496
NdrG2	MmuINT0106883	chr14	52526973	52527259	-	0.004177
NdrG2	MmuINT0106884	chr14	52526672	52526920	-	0.005859
NdrG2	MmuINT0106885	chr14	52526401	52526623	-	0.007956
NdrG2	MmuINT0106886	chr14	52526240	52526364	-	0.001724
NdrG2	MmuINT0106887	chr14	52525982	52526187	-	0.003058
NdrG2	MmuINT0106889	chr14	52530461	52530760	-	0.053862
NdrG2	MmuINT0106890	chr14	52530111	52530354	-	0.018632
NdrG2	MmuINT0106891	chr14	52529796	52529989	-	0.006902
NdrG2	MmuINT0106892	chr14	52528610	52529732	-	0.010917
NdrG2	MmuINT0106893	chr14	52528330	52528548	-	0.002307
NdrG2	MmuINT0106894	chr14	52528062	52528242	-	0.003633
NdrG2	MmuINT0106895	chr14	52527847	52528004	-	0.001904
NdrG3	MmuINT0106896	chr2	1.57E+08	1.57E+08	-	0.047892
NdrG3	MmuINT0106900	chr2	1.57E+08	1.57E+08	-	0.109664
NdrG3	MmuINT0106901	chr2	1.57E+08	1.57E+08	-	0.105231
NdrG3	MmuINT0106902	chr2	1.57E+08	1.57E+08	-	0.235044
NdrG3	MmuINT0106903	chr2	1.57E+08	1.57E+08	-	0.032209
NdrG3	MmuINT0106904	chr2	1.57E+08	1.57E+08	-	0.025285
NdrG3	MmuINT0106905	chr2	1.57E+08	1.57E+08	-	0.022982
NdrG3	MmuINT0106906	chr2	1.57E+08	1.57E+08	-	0.028229
NdrG3	MmuINT0106907	chr2	1.57E+08	1.57E+08	-	0.026626
NdrG4	MmuINT0106915	chr8	98227078	98230087	+	0.004768
NdrG4	MmuINT0106916	chr8	98233855	98234563	+	0.022064
NdrG4	MmuINT0106917	chr8	98234612	98234833	+	0.003825
NdrG4	MmuINT0106918	chr8	98234870	98234992	+	0.003297
NdrG4	MmuINT0106920	chr8	98230194	98230430	+	0.001447
NdrG4	MmuINT0106921	chr8	98230552	98230636	+	0.001521
NdrG4	MmuINT0106922	chr8	98230700	98230828	+	0.001432
NdrG4	MmuINT0106923	chr8	98230890	98232507	+	0.003701
NdrG4	MmuINT0106924	chr8	98232595	98232676	+	0.001584
NdrG4	MmuINT0106925	chr8	98232734	98232982	+	0.001311
NdrG4	MmuINT0106926	chr8	98233087	98233665	+	0.001949
NdrG4	MmuINT0106927	chr8	98233723	98233802	+	0.012176
Ndst1	MmuINT0106928	chr18	60867750	60872376	-	0.006637
Ndst1	MmuINT0106929	chr18	60851754	60854989	-	0.024156
Ndst1	MmuINT0106930	chr18	60850942	60851582	-	0.009494
Ndst1	MmuINT0106931	chr18	60849721	60850831	-	0.017528
Ndst1	MmuINT0106932	chr18	60849019	60849617	-	0.010996
Ndst1	MmuINT0106933	chr18	60864818	60867254	-	0.011424
Ndst1	MmuINT0106934	chr18	60863546	60864729	-	0.008607
Ndst1	MmuINT0106935	chr18	60862613	60863390	-	0.010701
Ndst1	MmuINT0106936	chr18	60860155	60862426	-	0.016958
Ndst1	MmuINT0106937	chr18	60859345	60860025	-	0.010007
Ndst1	MmuINT0106938	chr18	60858190	60859161	-	0.010495
Ndst1	MmuINT0106939	chr18	60856845	60858092	-	0.013317

Ndst1	MmuINT0106940	chr18	60855165	60856720	-	0.00823
Ndst2	MmuINT0106942	chr14	21544676	21544795	-	0.026582
Ndst2	MmuINT0106943	chr14	21544301	21544500	-	0.070214
Ndst2	MmuINT0106944	chr14	21544043	21544129	-	0.030836
Ndst2	MmuINT0106945	chr14	21543786	21543932	-	0.30137
Ndst2	MmuINT0106946	chr14	21543583	21543682	-	0.10217
Ndst2	MmuINT0106949	chr14	21547828	21548097	-	0.121158
Ndst2	MmuINT0106950	chr14	21547484	21547672	-	0.243016
Ndst2	MmuINT0106951	chr14	21546838	21547297	-	0.071856
Ndst2	MmuINT0106952	chr14	21546583	21546708	-	0.077698
Ndst2	MmuINT0106953	chr14	21546313	21546399	-	0.09038
Ndst2	MmuINT0106954	chr14	21544920	21546215	-	0.154219
Ndufa1	MmuINT0106980	chrX	34729959	34730983	-	0.000248
Ndufa1	MmuINT0106981	chrX	34727737	34729868	-	0.000414
Ndufa10	MmuINT0106982	chr1	94367563	94370239	-	0.000725
Ndufa10	MmuINT0106983	chr1	94366656	94367393	-	0.000486
Ndufa10	MmuINT0106984	chr1	94364045	94366439	-	0.000242
Ndufa10	MmuINT0106985	chr1	94361060	94363957	-	0.000241
Ndufa10	MmuINT0106986	chr1	94359735	94360937	-	0.000225
Ndufa10	MmuINT0106987	chr1	94358923	94359654	-	0.000481
Ndufa10	MmuINT0106988	chr1	94357043	94358867	-	0.003524
Ndufa10	MmuINT0106989	chr1	94348697	94356956	-	0.00019
Ndufa10	MmuINT0106990	chr1	94336485	94348587	-	0.002914
Ndufa11	MmuINT0106992	chr17	56860551	56860741	+	0.002011
Ndufa11	MmuINT0106993	chr17	56860865	56861407	+	0.003274
Ndufa13	MmuINT0106998	chr8	72419220	72425440	-	0.000699
Ndufa13	MmuINT0107000	chr8	72418310	72418402	-	0.002595
Ndufa2	MmuINT0107001	chr18	36903942	36904073	-	0.000614
Ndufa2	MmuINT0107002	chr18	36902313	36903834	-	0.00019
Ndufa3	MmuINT0107003	chr7	3569010	3569218	+	0.003788
Ndufa3	MmuINT0107004	chr7	3569294	3571031	+	0.003177
Ndufa3	MmuINT0107005	chr7	3571110	3571602	+	0.006559
Ndufa4	MmuINT0107006	chr6	11856109	11857323	-	0.000012
Ndufa4	MmuINT0107007	chr6	11855263	11856019	-	0.000083
Ndufa4	MmuINT0107008	chr6	11850592	11855201	-	0.000819
Ndufa4l2	MmuINT0107009	chr10	1.27E+08	1.27E+08	+	0.024032
Ndufa4l2	MmuINT0107010	chr10	1.27E+08	1.27E+08	+	0.056156
Ndufa4l2	MmuINT0107011	chr10	1.27E+08	1.27E+08	+	0.01032
Ndufa5	MmuINT0107012	chr6	24477318	24477525	-	0.014284
Ndufa5	MmuINT0107013	chr6	24472776	24477272	-	0.00103
Ndufa5	MmuINT0107014	chr6	24469258	24472658	-	0.001145
Ndufa5	MmuINT0107015	chr6	24468825	24469191	-	0.000255
Ndufa6	MmuINT0107016	chr15	82181525	82184510	-	0.009308
Ndufa6	MmuINT0107017	chr15	82180802	82181408	-	0.004432
Ndufa7	MmuINT0107018	chr17	33961626	33962545	+	0.002894
Ndufa7	MmuINT0107019	chr17	33962596	33966611	+	0.020067
Ndufa7	MmuINT0107020	chr17	33966762	33975043	+	0.000702
Ndufa8	MmuINT0107021	chr2	35900034	35904711	-	0.00046
Ndufa8	MmuINT0107022	chr2	35895398	35899869	-	0.00065
Ndufa8	MmuINT0107023	chr2	35892162	35895231	-	0.002826

Ndufa9	MmuINT0107024	chr6	1.27E+08	1.27E+08	-	0.000319
Ndufa9	MmuINT0107025	chr6	1.27E+08	1.27E+08	-	0.000301
Ndufa9	MmuINT0107026	chr6	1.27E+08	1.27E+08	-	0.000262
Ndufa9	MmuINT0107027	chr6	1.27E+08	1.27E+08	-	0.000249
Ndufa9	MmuINT0107028	chr6	1.27E+08	1.27E+08	-	0.000207
Ndufa9	MmuINT0107029	chr6	1.27E+08	1.27E+08	-	0.000348
Ndufa9	MmuINT0107030	chr6	1.27E+08	1.27E+08	-	0.000599
Ndufa9	MmuINT0107031	chr6	1.27E+08	1.27E+08	-	0.000853
Ndufa9	MmuINT0107032	chr6	1.27E+08	1.27E+08	-	0.000421
Ndufa9	MmuINT0107033	chr6	1.27E+08	1.27E+08	-	0.00082
Ndufab1	MmuINT0107037	chr7	1.29E+08	1.29E+08	-	0.073262
Ndufaf1	MmuINT0107038	chr2	1.19E+08	1.19E+08	-	0.080769
Ndufaf1	MmuINT0107039	chr2	1.19E+08	1.19E+08	-	0.010395
Ndufaf1	MmuINT0107040	chr2	1.19E+08	1.19E+08	-	0.012964
Ndufaf1	MmuINT0107041	chr2	1.19E+08	1.19E+08	-	0.006554
Ndufaf2	MmuINT0107042	chr13	1.09E+08	1.09E+08	-	0.002204
Ndufaf2	MmuINT0107043	chr13	1.09E+08	1.09E+08	-	0.003573
Ndufaf2	MmuINT0107044	chr13	1.09E+08	1.09E+08	-	0.004833
Ndufaf3	MmuINT0107045	chr9	1.08E+08	1.08E+08	-	0.010934
Ndufaf3	MmuINT0107046	chr9	1.08E+08	1.08E+08	-	0.031911
Ndufaf3	MmuINT0107047	chr9	1.08E+08	1.08E+08	-	0.003886
Ndufaf3	MmuINT0107048	chr9	1.08E+08	1.08E+08	-	0.002593
Ndufaf4	MmuINT0107049	chr4	24825450	24825719	+	0.213062
Ndufaf4	MmuINT0107050	chr4	24825824	24828840	+	0.031029
Ndufb10	MmuINT0107051	chr17	24859739	24861131	-	0.005521
Ndufb10	MmuINT0107052	chr17	24859466	24859599	-	0.005913
Ndufb10	MmuINT0107053	chr17	24859166	24859325	-	0.007777
Ndufb11	MmuINT0107055	chrX	20192669	20192839	-	0.000035
Ndufb2	MmuINT0107056	chr6	39542712	39546449	+	0.003537
Ndufb2	MmuINT0107057	chr6	39546595	39548264	+	0.001703
Ndufb2	MmuINT0107058	chr6	39548365	39549390	+	0.003244
Ndufb3	MmuINT0107059	chr1	58643515	58647933	+	0.000661
Ndufb5	MmuINT0107063	chr3	32636128	32643775	+	0.002644
Ndufb5	MmuINT0107064	chr3	32643865	32645369	+	0.00205
Ndufb5	MmuINT0107065	chr3	32645437	32646649	+	0.001025
Ndufb5	MmuINT0107066	chr3	32646712	32647382	+	0.000823
Ndufb5	MmuINT0107067	chr3	32647490	32649950	+	0.001655
Ndufb6	MmuINT0107068	chr4	40224779	40226190	-	0.000515
Ndufb6	MmuINT0107069	chr4	40219888	40224685	-	0.002151
Ndufb6	MmuINT0107070	chr4	40217881	40219842	-	0.001394
Ndufb7	MmuINT0107071	chr8	86090830	86094728	+	0.00141
Ndufb7	MmuINT0107072	chr8	86094898	86095331	+	0.000899
Ndufb8	MmuINT0107073	chr19	44629548	44629806	-	0.004504
Ndufb8	MmuINT0107074	chr19	44628259	44629420	-	0.00159
Ndufb8	MmuINT0107075	chr19	44627344	44628158	-	0.000581
Ndufb8	MmuINT0107076	chr19	44624903	44627187	-	0.001168
Ndufb9	MmuINT0107077	chr15	58765494	58767822	+	0.000494
Ndufb9	MmuINT0107078	chr15	58768016	58768906	+	0.000674
Ndufb9	MmuINT0107079	chr15	58769021	58770829	+	0.000585
Ndufc1	MmuINT0107080	chr3	51212171	51212785	-	0.000824



Ndufc2	MmuINT0107083	chr7	1.05E+08	1.05E+08	+	0.000823
Ndufc2	MmuINT0107084	chr7	1.05E+08	1.05E+08	+	0.00193
Ndufs1	MmuINT0107088	chr1	63203852	63206323	-	0.004038
Ndufs1	MmuINT0107089	chr1	63202907	63203705	-	0.005605
Ndufs1	MmuINT0107090	chr1	63199479	63202777	-	0.002581
Ndufs1	MmuINT0107091	chr1	63198286	63199348	-	0.000469
Ndufs1	MmuINT0107092	chr1	63196686	63198124	-	0.000304
Ndufs1	MmuINT0107093	chr1	63195146	63196530	-	0.000299
Ndufs1	MmuINT0107094	chr1	63193999	63194969	-	0.001712
Ndufs1	MmuINT0107095	chr1	63193767	63193863	-	0.001629
Ndufs1	MmuINT0107096	chr1	63190497	63193693	-	0.000995
Ndufs1	MmuINT0107097	chr1	63216716	63217422	-	0.00064
Ndufs1	MmuINT0107098	chr1	63215911	63216623	-	0.000399
Ndufs1	MmuINT0107099	chr1	63212942	63215802	-	0.000573
Ndufs1	MmuINT0107100	chr1	63211605	63212864	-	0.000247
Ndufs1	MmuINT0107101	chr1	63211435	63211522	-	0.000542
Ndufs1	MmuINT0107102	chr1	63210427	63211303	-	0.000179
Ndufs1	MmuINT0107103	chr1	63207589	63210240	-	0.000216
Ndufs1	MmuINT0107104	chr1	63206439	63207453	-	0.000259
Ndufs2	MmuINT0107105	chr1	1.73E+08	1.73E+08	-	0.00031
Ndufs2	MmuINT0107106	chr1	1.73E+08	1.73E+08	-	0.000207
Ndufs2	MmuINT0107107	chr1	1.73E+08	1.73E+08	-	0.001615
Ndufs2	MmuINT0107108	chr1	1.73E+08	1.73E+08	-	0.001647
Ndufs2	MmuINT0107109	chr1	1.73E+08	1.73E+08	-	0.000093
Ndufs2	MmuINT0107110	chr1	1.73E+08	1.73E+08	-	0.001516
Ndufs2	MmuINT0107111	chr1	1.73E+08	1.73E+08	-	0.000337
Ndufs2	MmuINT0107112	chr1	1.73E+08	1.73E+08	-	0.000398
Ndufs2	MmuINT0107113	chr1	1.73E+08	1.73E+08	-	0.004747
Ndufs2	MmuINT0107114	chr1	1.73E+08	1.73E+08	-	0.004751
Ndufs2	MmuINT0107115	chr1	1.73E+08	1.73E+08	-	0.002516
Ndufs2	MmuINT0107116	chr1	1.73E+08	1.73E+08	-	0.000488
Ndufs4	MmuINT0107123	chr13	1.15E+08	1.15E+08	-	0.00044
Ndufs4	MmuINT0107124	chr13	1.15E+08	1.15E+08	-	0.000285
Ndufs4	MmuINT0107125	chr13	1.15E+08	1.15E+08	-	0.000287
Ndufs4	MmuINT0107126	chr13	1.15E+08	1.15E+08	-	0.000947
Ndufs7	MmuINT0107130	chr10	79712237	79715141	+	0.007524
Ndufs7	MmuINT0107131	chr10	79715179	79715818	+	0.005071
Ndufs7	MmuINT0107132	chr10	79715903	79716404	+	0.003854
Ndufs7	MmuINT0107133	chr10	79716529	79717584	+	0.003697
Ndufs7	MmuINT0107134	chr10	79717765	79717834	+	0.001497
Ndufs7	MmuINT0107135	chr10	79717882	79718668	+	0.001548
Ndufs7	MmuINT0107136	chr10	79718758	79719380	+	0.00629
Ndufs8	MmuINT0107137	chr19	3911747	3912466	-	0.040157
Ndufs8	MmuINT0107138	chr19	3911617	3911688	-	0.005374
Ndufs8	MmuINT0107139	chr19	3911257	3911565	-	0.001216
Ndufs8	MmuINT0107140	chr19	3911071	3911160	-	0.000692
Ndufs8	MmuINT0107141	chr19	3909282	3910897	-	0.001704
Ndufs8	MmuINT0107142	chr19	3909075	3909152	-	0.003742
Ndufv1	MmuINT0107143	chr19	4011429	4012550	-	0.008766
Ndufv1	MmuINT0107144	chr19	4011273	4011345	-	0.008151

Ndufv1	MmuINT0107145	chr19	4010010	4011101	-	0.016609
Ndufv1	MmuINT0107146	chr19	4009534	4009825	-	0.012999
Ndufv1	MmuINT0107147	chr19	4008807	4009343	-	0.005849
Ndufv1	MmuINT0107148	chr19	4008510	4008593	-	0.001169
Ndufv1	MmuINT0107149	chr19	4008130	4008342	-	0.002759
Ndufv1	MmuINT0107150	chr19	4007916	4008047	-	0.003901
Ndufv1	MmuINT0107151	chr19	4007666	4007769	-	0.002177
Ndufv2	MmuINT0107152	chr17	66441270	66450754	-	0.0019
Ndufv2	MmuINT0107153	chr17	66438834	66441203	-	0.000284
Ndufv2	MmuINT0107154	chr17	66438689	66438770	-	0.000332
Ndufv2	MmuINT0107155	chr17	66436912	66438571	-	0.000195
Ndufv2	MmuINT0107156	chr17	66432848	66436742	-	0.0006
Ndufv2	MmuINT0107157	chr17	66430228	66432737	-	0.001219
Ndufv2	MmuINT0107158	chr17	66428928	66430150	-	0.000265
Ndufv3	MmuINT0107159	chr17	31657207	31658513	+	0.000214
Ndufv3	MmuINT0107160	chr17	31658638	31668054	+	0.000584
Neb	MmuINT0107220	chr2	52006150	52006486	-	0.061388
Neb	MmuINT0107221	chr2	52005218	52006056	-	0.048106
Nebi	MmuINT0107324	chr2	17270498	17272331	-	0.001885
Necap1	MmuINT0107361	chr6	1.23E+08	1.23E+08	+	0.014437
Necap1	MmuINT0107362	chr6	1.23E+08	1.23E+08	+	0.028584
Necap1	MmuINT0107363	chr6	1.23E+08	1.23E+08	+	0.029444
Necap1	MmuINT0107364	chr6	1.23E+08	1.23E+08	+	0.026315
Necap1	MmuINT0107365	chr6	1.23E+08	1.23E+08	+	0.015714
Necap1	MmuINT0107366	chr6	1.23E+08	1.23E+08	+	0.032855
Necap1	MmuINT0107367	chr6	1.23E+08	1.23E+08	+	0.031341
Necap2	MmuINT0107368	chr4	1.41E+08	1.41E+08	-	0.203127
Necap2	MmuINT0107369	chr4	1.41E+08	1.41E+08	-	0.03947
Necap2	MmuINT0107370	chr4	1.41E+08	1.41E+08	-	0.068767
Necap2	MmuINT0107371	chr4	1.41E+08	1.41E+08	-	0.025992
Necap2	MmuINT0107372	chr4	1.41E+08	1.41E+08	-	0.142539
Necap2	MmuINT0107373	chr4	1.41E+08	1.41E+08	-	0.055979
Necap2	MmuINT0107374	chr4	1.41E+08	1.41E+08	-	0.021276
Nedd1	MmuINT0107375	chr10	92182375	92185067	-	0.013292
Nedd1	MmuINT0107376	chr10	92154782	92155632	-	0.024219
Nedd1	MmuINT0107377	chr10	92153530	92154578	-	0.004975
Nedd1	MmuINT0107378	chr10	92152537	92153372	-	0.00175
Nedd1	MmuINT0107380	chr10	92149041	92149464	-	0.008309
Nedd1	MmuINT0107381	chr10	92179006	92182230	-	0.011615
Nedd1	MmuINT0107382	chr10	92176936	92178910	-	0.031898
Nedd1	MmuINT0107383	chr10	92174057	92176818	-	0.006893
Nedd1	MmuINT0107384	chr10	92163695	92173915	-	0.005911
Nedd1	MmuINT0107385	chr10	92161673	92163464	-	0.006652
Nedd1	MmuINT0107386	chr10	92161111	92161470	-	0.005165
Nedd1	MmuINT0107387	chr10	92157854	92160914	-	0.022088
Nedd1	MmuINT0107388	chr10	92155681	92157724	-	0.009037
Nedd4	MmuINT0107389	chr9	72510421	72517758	+	0.004835
Nedd4	MmuINT0107390	chr9	72566192	72569107	+	0.004229
Nedd4	MmuINT0107391	chr9	72569226	72569303	+	0.0009
Nedd4	MmuINT0107392	chr9	72569469	72572823	+	0.002447

Nedd4	MmuINT0107393	chr9	72572890	72574217	+	0.002696
Nedd4	MmuINT0107394	chr9	72574338	72578708	+	0.015136
Nedd4	MmuINT0107395	chr9	72578781	72579028	+	0.003446
Nedd4	MmuINT0107396	chr9	72579084	72579184	+	0.002394
Nedd4	MmuINT0107397	chr9	72579244	72580398	+	0.002546
Nedd4	MmuINT0107398	chr9	72580465	72582816	+	0.001281
Nedd4	MmuINT0107399	chr9	72583047	72584473	+	0.003792
Nedd4	MmuINT0107400	chr9	72517924	72519036	+	0.001324
Nedd4	MmuINT0107401	chr9	72584596	72584680	+	0.001964
Nedd4	MmuINT0107402	chr9	72584752	72586846	+	0.001402
Nedd4	MmuINT0107403	chr9	72586943	72587261	+	0.001427
Nedd4	MmuINT0107404	chr9	72587336	72587974	+	0.001369
Nedd4	MmuINT0107405	chr9	72588036	72589434	+	0.006219
Nedd4	MmuINT0107406	chr9	72589495	72590459	+	0.001776
Nedd4	MmuINT0107407	chr9	72590568	72591346	+	0.002446
Nedd4	MmuINT0107408	chr9	72591444	72594213	+	0.007195
Nedd4	MmuINT0107409	chr9	72594287	72594932	+	0.002387
Nedd4	MmuINT0107410	chr9	72519111	72525121	+	0.002298
Nedd4	MmuINT0107411	chr9	72525201	72525299	+	0.002182
Nedd4	MmuINT0107412	chr9	72525339	72533867	+	0.002087
Nedd4	MmuINT0107413	chr9	72533922	72556918	+	0.002071
Nedd4	MmuINT0107414	chr9	72556970	72558284	+	0.002036
Nedd4	MmuINT0107415	chr9	72558347	72559973	+	0.002192
Nedd4	MmuINT0107416	chr9	72560074	72566024	+	0.001385
Nedd4l	MmuINT0107420	chr18	65322826	65325225	+	0.009311
Nedd4l	MmuINT0107424	chr18	65332690	65333698	+	0.070441
Nedd4l	MmuINT0107425	chr18	65333897	65338572	+	0.165981
Nedd4l	MmuINT0107426	chr18	65338651	65340981	+	0.020311
Nedd4l	MmuINT0107427	chr18	65341037	65345979	+	0.025237
Nedd4l	MmuINT0107428	chr18	65346039	65351090	+	0.016066
Nedd4l	MmuINT0107429	chr18	65351157	65352729	+	0.0113
Nedd4l	MmuINT0107431	chr18	65352960	65354713	+	0.00862
Nedd4l	MmuINT0107432	chr18	65354836	65355568	+	0.008724
Nedd4l	MmuINT0107433	chr18	65355640	65358284	+	0.008948
Nedd4l	MmuINT0107434	chr18	65358381	65363529	+	0.022175
Nedd4l	MmuINT0107435	chr18	65363604	65365286	+	0.020837
Nedd4l	MmuINT0107436	chr18	65365348	65367702	+	0.024552
Nedd4l	MmuINT0107437	chr18	65367763	65368045	+	0.015521
Nedd4l	MmuINT0107438	chr18	65368154	65369306	+	0.00851
Nedd4l	MmuINT0107439	chr18	65369404	65369916	+	0.013578
Nedd4l	MmuINT0107440	chr18	65369990	65372437	+	0.007595
Nedd4l	MmuINT0107443	chr18	65303501	65314909	+	0.015199
Nedd4l	MmuINT0107444	chr18	65314972	65315299	+	0.012705
Nedd4l	MmuINT0107445	chr18	65315403	65317498	+	0.00971
Nedd4l	MmuINT0107446	chr18	65317666	65321168	+	0.009555
Nedd4l	MmuINT0107447	chr18	65321305	65322648	+	0.015182
Nedd8	MmuINT0107448	chr14	56282697	56290631	-	0.009124
Nedd8	MmuINT0107449	chr14	56282335	56282648	-	0.001081
Nedd8	MmuINT0107450	chr14	56281463	56282251	-	0.006326
Nedd9	MmuINT0107453	chr13	41434390	41454221	-	0.017105

Nedd9	MmuINT0107454	chr13	41413915	41433945	-	0.015271
Nedd9	MmuINT0107455	chr13	41413333	41413812	-	0.015892
Nedd9	MmuINT0107456	chr13	41412385	41413230	-	0.022333
Nedd9	MmuINT0107457	chr13	41409825	41411142	-	0.036672
Nedd9	MmuINT0107458	chr13	41407540	41409734	-	0.032484
Neil1	MmuINT0107474	chr9	56993025	56994407	-	0.238313
Neil1	MmuINT0107475	chr9	56992816	56992904	-	0.1365
Neil1	MmuINT0107476	chr9	56992545	56992751	-	0.151869
Neil1	MmuINT0107477	chr9	56992122	56992444	-	0.187966
Neil1	MmuINT0107478	chr9	56991814	56991993	-	0.053675
Neil1	MmuINT0107479	chr9	56991627	56991785	-	0.174827
Neil1	MmuINT0107480	chr9	56991421	56991564	-	0.124289
Neil1	MmuINT0107481	chr9	56991134	56991257	-	0.018109
Neil2	MmuINT0107484	chr14	63805072	63807277	-	0.321379
Neil2	MmuINT0107485	chr14	63802402	63804874	-	0.081601
Nek1	MmuINT0107496	chr8	63512883	63514728	+	0.029725
Nek1	MmuINT0107497	chr8	63514881	63522029	+	0.026799
Nek1	MmuINT0107499	chr8	63522772	63522856	+	0.029348
Nek1	MmuINT0107500	chr8	63522905	63523055	+	0.057469
Nek1	MmuINT0107501	chr8	63523131	63528580	+	0.026894
Nek1	MmuINT0107504	chr8	63551157	63551551	+	0.044012
Nek1	MmuINT0107505	chr8	63551630	63552301	+	0.020011
Nek1	MmuINT0107506	chr8	63485574	63485955	+	0.037606
Nek1	MmuINT0107507	chr8	63552398	63565195	+	0.023766
Nek1	MmuINT0107508	chr8	63565325	63568234	+	0.047497
Nek1	MmuINT0107509	chr8	63568295	63568367	+	0.034616
Nek1	MmuINT0107510	chr8	63568597	63577172	+	0.018893
Nek1	MmuINT0107511	chr8	63577326	63578676	+	0.016349
Nek1	MmuINT0107512	chr8	63578842	63582909	+	0.016247
Nek1	MmuINT0107513	chr8	63583031	63584347	+	0.024457
Nek1	MmuINT0107514	chr8	63584437	63585591	+	0.030425
Nek1	MmuINT0107515	chr8	63585831	63599705	+	0.01824
Nek1	MmuINT0107516	chr8	63599858	63602908	+	0.021212
Nek1	MmuINT0107517	chr8	63486053	63490889	+	0.031241
Nek1	MmuINT0107518	chr8	63603118	63603792	+	0.015302
Nek1	MmuINT0107519	chr8	63603924	63604760	+	0.02269
Nek1	MmuINT0107520	chr8	63604894	63608940	+	0.042615
Nek1	MmuINT0107523	chr8	63498708	63498832	+	0.035636
Nek1	MmuINT0107525	chr8	63501063	63507455	+	0.030049
Nek1	MmuINT0107526	chr8	63507657	63512821	+	0.032764
Nek3	MmuINT0107587	chr8	23239263	23239816	-	0.064882
Nek4	MmuINT0107597	chr14	31764905	31766988	+	0.053081
Nek4	MmuINT0107598	chr14	31789014	31790631	+	0.124196
Nek4	MmuINT0107599	chr14	31790766	31793175	+	0.05272
Nek4	MmuINT0107600	chr14	31793265	31795499	+	0.075335
Nek4	MmuINT0107601	chr14	31795703	31797529	+	0.044181
Nek4	MmuINT0107602	chr14	31797664	31800297	+	0.062276
Nek4	MmuINT0107603	chr14	31767256	31770066	+	0.051722
Nek4	MmuINT0107604	chr14	31770265	31770447	+	0.052087
Nek4	MmuINT0107605	chr14	31770556	31772326	+	0.056384

Nek4	MmuINT0107606	chr14	31772482	31777118	+	0.069991
Nek4	MmuINT0107607	chr14	31777261	31783348	+	0.096027
Nek4	MmuINT0107610	chr14	31788559	31788946	+	0.032154
Nek6	MmuINT0107639	chr2	38438017	38440799	+	0.06531
Nek7	MmuINT0107640	chr1	1.4E+08	1.41E+08	-	0.003031
Nek7	MmuINT0107641	chr1	1.4E+08	1.4E+08	-	0.003978
Nek7	MmuINT0107642	chr1	1.4E+08	1.4E+08	-	0.004577
Nek7	MmuINT0107643	chr1	1.4E+08	1.4E+08	-	0.004335
Nek7	MmuINT0107645	chr1	1.4E+08	1.4E+08	-	0.002492
Nek7	MmuINT0107646	chr1	1.4E+08	1.4E+08	-	0.004083
Nek7	MmuINT0107647	chr1	1.4E+08	1.4E+08	-	0.005816
Nek7	MmuINT0107648	chr1	1.4E+08	1.4E+08	-	0.005258
Nek8	MmuINT0107649	chr11	77986633	77990061	-	0.053628
Nek8	MmuINT0107650	chr11	77981745	77982473	-	0.041977
Nek8	MmuINT0107651	chr11	77981389	77981593	-	0.171887
Nek8	MmuINT0107652	chr11	77981124	77981224	-	0.067212
Nek8	MmuINT0107653	chr11	77980811	77980964	-	0.393236
Nek8	MmuINT0107654	chr11	77980280	77980651	-	0.164778
Nek8	MmuINT0107655	chr11	77986186	77986426	-	0.077529
Nek8	MmuINT0107658	chr11	77984455	77984591	-	0.511614
Nek8	MmuINT0107660	chr11	77984031	77984114	-	0.058714
Nek8	MmuINT0107661	chr11	77982951	77983879	-	0.225759
Nek9	MmuINT0107663	chr12	86677436	86679952	-	0.011334
Nek9	MmuINT0107664	chr12	86656675	86661663	-	0.002827
Nek9	MmuINT0107665	chr12	86655553	86656529	-	0.001998
Nek9	MmuINT0107666	chr12	86655179	86655351	-	0.002281
Nek9	MmuINT0107667	chr12	86654052	86655131	-	0.004711
Nek9	MmuINT0107668	chr12	86652397	86653895	-	0.002978
Nek9	MmuINT0107669	chr12	86651499	86652287	-	0.003571
Nek9	MmuINT0107670	chr12	86649940	86651336	-	0.011562
Nek9	MmuINT0107671	chr12	86648940	86649768	-	0.003919
Nek9	MmuINT0107672	chr12	86647317	86648879	-	0.020976
Nek9	MmuINT0107673	chr12	86646575	86647086	-	0.005442
Nek9	MmuINT0107674	chr12	86675604	86677257	-	0.005041
Nek9	MmuINT0107675	chr12	86644624	86646412	-	0.028867
Nek9	MmuINT0107676	chr12	86642877	86644416	-	0.003712
Nek9	MmuINT0107677	chr12	86675007	86675547	-	0.004598
Nek9	MmuINT0107678	chr12	86673557	86674935	-	0.003373
Nek9	MmuINT0107679	chr12	86670926	86673450	-	0.005495
Nek9	MmuINT0107680	chr12	86668450	86670793	-	0.00368
Nek9	MmuINT0107681	chr12	86666323	86668338	-	0.002676
Nek9	MmuINT0107682	chr12	86663030	86666257	-	0.003605
Nek9	MmuINT0107683	chr12	86661857	86662978	-	0.003919
Nelf	MmuINT0107687	chr2	24916246	24916333	+	0.067026
Nelf	MmuINT0107688	chr2	24916405	24916578	+	0.051395
Nelf	MmuINT0107689	chr2	24916659	24916781	+	0.061878
Nelf	MmuINT0107690	chr2	24917089	24917191	+	0.102912
Nelf	MmuINT0107691	chr2	24910580	24911155	+	0.055735
Nelf	MmuINT0107692	chr2	24911657	24912620	+	0.075271
Nelf	MmuINT0107693	chr2	24912697	24913772	+	0.669648

Nelf	MmuINT0107694	chr2	24913842	24914540	+	0.081647
Nelf	MmuINT0107695	chr2	24914594	24915124	+	0.069623
Nelf	MmuINT0107696	chr2	24915215	24915658	+	0.059267
Nelf	MmuINT0107697	chr2	24915784	24915998	+	0.047926
Nelf	MmuINT0107698	chr2	24916083	24916211	+	0.046404
Nenf	MmuINT0107741	chr1	1.93E+08	1.93E+08	-	0.001659
Nenf	MmuINT0107742	chr1	1.93E+08	1.93E+08	-	0.005076
Nenf	MmuINT0107743	chr1	1.93E+08	1.93E+08	-	0.009328
Neo1	MmuINT0107745	chr9	58838316	58883772	-	0.02685
Neo1	MmuINT0107746	chr9	58769108	58769573	-	0.005624
Neo1	MmuINT0107747	chr9	58766464	58768968	-	0.005991
Neo1	MmuINT0107748	chr9	58764914	58766413	-	0.00697
Neo1	MmuINT0107749	chr9	58762172	58764765	-	0.005674
Neo1	MmuINT0107750	chr9	58761150	58762060	-	0.00456
Neo1	MmuINT0107751	chr9	58756307	58760954	-	0.014496
Neo1	MmuINT0107753	chr9	58752359	58754456	-	0.004429
Neo1	MmuINT0107754	chr9	58750916	58752250	-	0.005173
Neo1	MmuINT0107755	chr9	58833684	58837997	-	0.004339
Neo1	MmuINT0107756	chr9	58749923	58750720	-	0.126193
Neo1	MmuINT0107757	chr9	58747041	58749889	-	0.205149
Neo1	MmuINT0107758	chr9	58741830	58746971	-	0.011044
Neo1	MmuINT0107759	chr9	58737028	58741681	-	0.004625
Neo1	MmuINT0107760	chr9	58736301	58736788	-	0.00623
Neo1	MmuINT0107761	chr9	58732436	58736207	-	0.018081
Neo1	MmuINT0107762	chr9	58728663	58732276	-	0.02222
Neo1	MmuINT0107763	chr9	58725972	58728398	-	0.00337
Neo1	MmuINT0107764	chr9	58725165	58725834	-	0.002787
Neo1	MmuINT0107765	chr9	58830037	58833407	-	0.006762
Neo1	MmuINT0107766	chr9	58826569	58829882	-	0.005602
Neo1	MmuINT0107767	chr9	58805860	58826431	-	0.00621
Neo1	MmuINT0107768	chr9	58803887	58805704	-	0.006794
Neo1	MmuINT0107770	chr9	58773724	58778762	-	0.004381
Neo1	MmuINT0107771	chr9	58769723	58773568	-	0.004302
Nes	MmuINT0107774	chr3	87775911	87776913	+	0.149895
Nes	MmuINT0107775	chr3	87777039	87778723	+	0.1266
Nes	MmuINT0107776	chr3	87778798	87779342	+	0.13368
Net1	MmuINT0107779	chr13	3888225	3892538	-	0.026253
Net1	MmuINT0107785	chr13	3885465	3885783	-	0.011306
Neu1	MmuINT0107809	chr17	35068493	35068860	+	0.010371
Neu1	MmuINT0107810	chr17	35069054	35069510	+	0.020854
Neu1	MmuINT0107811	chr17	35069774	35070947	+	0.187788
Neu1	MmuINT0107812	chr17	35071131	35071227	+	0.05558
Neu1	MmuINT0107813	chr17	35071451	35071549	+	0.016501
Neur12	MmuINT0107835	chr2	1.65E+08	1.65E+08	-	0.01025
Neur13	MmuINT0107836	chr1	36326547	36330182	-	0.192836
Neur13	MmuINT0107837	chr1	36325555	36326057	-	0.326354
Neur13	MmuINT0107838	chr1	36323399	36325500	-	0.115433
Neur14	MmuINT0107839	chr11	69715688	69716509	+	0.035808
Neur14	MmuINT0107840	chr11	69720106	69720227	+	0.019915
Neur14	MmuINT0107841	chr11	69720391	69720485	+	0.007573

Neurl4	MmuINT0107842	chr11	69720685	69720765	+	0.057858
Neurl4	MmuINT0107843	chr11	69720843	69720925	+	0.034526
Neurl4	MmuINT0107844	chr11	69721005	69721338	+	0.053842
Neurl4	MmuINT0107845	chr11	69721515	69721597	+	0.031315
Neurl4	MmuINT0107846	chr11	69721730	69721960	+	0.021406
Neurl4	MmuINT0107847	chr11	69722107	69722179	+	0.039609
Neurl4	MmuINT0107848	chr11	69722405	69722495	+	0.01768
Neurl4	MmuINT0107849	chr11	69722595	69722718	+	0.017993
Neurl4	MmuINT0107850	chr11	69716955	69717155	+	0.315691
Neurl4	MmuINT0107851	chr11	69722881	69723049	+	0.017275
Neurl4	MmuINT0107852	chr11	69723215	69723762	+	0.01918
Neurl4	MmuINT0107853	chr11	69723922	69724236	+	0.058925
Neurl4	MmuINT0107854	chr11	69724417	69724527	+	0.035756
Neurl4	MmuINT0107855	chr11	69724616	69724719	+	0.039495
Neurl4	MmuINT0107856	chr11	69724828	69724945	+	0.022764
Neurl4	MmuINT0107857	chr11	69725091	69725243	+	0.01911
Neurl4	MmuINT0107858	chr11	69725357	69725430	+	0.069144
Neurl4	MmuINT0107859	chr11	69725597	69726628	+	0.164235
Neurl4	MmuINT0107860	chr11	69717222	69717366	+	0.060743
Neurl4	MmuINT0107861	chr11	69717666	69717834	+	0.013228
Neurl4	MmuINT0107862	chr11	69717947	69718035	+	0.011672
Neurl4	MmuINT0107863	chr11	69718125	69719032	+	0.03008
Neurl4	MmuINT0107864	chr11	69719106	69719222	+	0.01367
Neurl4	MmuINT0107865	chr11	69719488	69719727	+	0.050411
Neurl4	MmuINT0107866	chr11	69719910	69720019	+	0.007978
Nexn	MmuINT0107874	chr3	1.52E+08	1.52E+08	-	0.003386
Nexn	MmuINT0107875	chr3	1.52E+08	1.52E+08	-	0.002006
Nexn	MmuINT0107877	chr3	1.52E+08	1.52E+08	-	0.185489
Nexn	MmuINT0107878	chr3	1.52E+08	1.52E+08	-	0.002459
Nexn	MmuINT0107879	chr3	1.52E+08	1.52E+08	-	0.104115
Nexn	MmuINT0107880	chr3	1.52E+08	1.52E+08	-	0.089627
Nexn	MmuINT0107881	chr3	1.52E+08	1.52E+08	-	0.008819
Nexn	MmuINT0107882	chr3	1.52E+08	1.52E+08	-	0.010915
Nexn	MmuINT0107884	chr3	1.52E+08	1.52E+08	-	0.000408
Nf1	MmuINT0107886	chr11	79225680	79226185	+	0.045257
Nf1	MmuINT0107888	chr11	79232186	79239014	+	0.074516
Nf1	MmuINT0107889	chr11	79239150	79242079	+	0.037741
Nf1	MmuINT0107890	chr11	79242194	79248346	+	0.161363
Nf1	MmuINT0107891	chr11	79248427	79250191	+	0.053149
Nf1	MmuINT0107892	chr11	79250316	79252188	+	0.065982
Nf1	MmuINT0107893	chr11	79252351	79254349	+	0.049573
Nf1	MmuINT0107894	chr11	79254600	79255130	+	0.044277
Nf1	MmuINT0107895	chr11	79255205	79255392	+	0.043199
Nf1	MmuINT0107896	chr11	79197821	79200156	+	0.044829
Nf1	MmuINT0107897	chr11	79255477	79257270	+	0.047261
Nf1	MmuINT0107898	chr11	79257712	79258101	+	0.042032
Nf1	MmuINT0107899	chr11	79258242	79258525	+	0.050473
Nf1	MmuINT0107900	chr11	79258649	79259217	+	0.041099
Nf1	MmuINT0107901	chr11	79259302	79260307	+	0.046051
Nf1	MmuINT0107902	chr11	79260425	79260985	+	0.049575

Nf1	MmuINT0107903	chr11	79261168	79261626	+	0.040094
Nf1	MmuINT0107904	chr11	79261839	79267304	+	0.040882
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Nf1	MmuINT0107906	chr11	79267705	79272272	+	0.090012
Nf1	MmuINT0107907	chr11	79200241	79203710	+	0.04934
Nf1	MmuINT0107908	chr11	79272409	79276734	+	0.043522
Nf1	MmuINT0107909	chr11	79276798	79282218	+	0.060547
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Nf1	MmuINT0107911	chr11	79283373	79284936	+	0.040976
Nf1	MmuINT0107912	chr11	79285084	79286830	+	0.036761
Nf1	MmuINT0107913	chr11	79286978	79289274	+	0.027337
Nf1	MmuINT0107914	chr11	79289386	79349104	+	0.034261
Nf1	MmuINT0107915	chr11	79349538	79350294	+	0.033165
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Nf1	MmuINT0107918	chr11	79203902	79209356	+	0.04686
Nf1	MmuINT0107919	chr11	79359050	79359773	+	0.03488
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Nf1	MmuINT0107921	chr11	79360753	79361169	+	0.031398
Nf1	MmuINT0107922	chr11	79361385	79361975	+	0.038739
Nf1	MmuINT0107923	chr11	79362038	79362175	+	0.031438
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Nf1	MmuINT0107926	chr11	79364637	79367372	+	0.036177
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Nf1	MmuINT0107928	chr11	79369115	79370200	+	0.044626
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Nf1	MmuINT0107936	chr11	79382673	79383732	+	0.067935
Nf1	MmuINT0107937	chr11	79383950	79391755	+	0.032372
Nf1	MmuINT0107939	chr11	79222280	79222895	+	0.049883
Nf1	MmuINT0107940	chr11	79223054	79224997	+	0.059506
Nf1	MmuINT0107941	chr11	79225172	79225556	+	0.043505
Nf2	MmuINT0107942	chr11	4720497	4748874	-	0.002988
Nf2	MmuINT0107943	chr11	4691217	4694414	-	0.002274
Nf2	MmuINT0107944	chr11	4689886	4691093	-	0.005866
Nf2	MmuINT0107945	chr11	4687553	4689667	-	0.002857
Nf2	MmuINT0107946	chr11	4684567	4687446	-	0.018287
Nf2	MmuINT0107947	chr11	4682356	4684438	-	0.003179
Nf2	MmuINT0107949	chr11	4718631	4720370	-	0.004044
Nf2	MmuINT0107950	chr11	4716169	4718507	-	0.00428
Nf2	MmuINT0107951	chr11	4708329	4716084	-	0.004226
Nf2	MmuINT0107952	chr11	4706340	4708259	-	0.003806
Nf2	MmuINT0107953	chr11	4703757	4706256	-	0.004224
Nf2	MmuINT0107954	chr11	4699999	4703680	-	0.004576
Nf2	MmuINT0107955	chr11	4694921	4699863	-	0.003321
Nf2	MmuINT0107956	chr11	4694529	4694845	-	0.003025



Nfat5	MmuINT0108001	chr8	1.1E+08	1.1E+08	+	0.054646
Nfat5	MmuINT0108002	chr8	1.1E+08	1.1E+08	+	0.02468
Nfat5	MmuINT0108003	chr8	1.1E+08	1.1E+08	+	0.025329
Nfat5	MmuINT0108004	chr8	1.1E+08	1.1E+08	+	0.017687
Nfat5	MmuINT0108005	chr8	1.1E+08	1.1E+08	+	0.021244
Nfat5	MmuINT0108006	chr8	1.1E+08	1.1E+08	+	0.062668
Nfat5	MmuINT0108008	chr8	1.1E+08	1.1E+08	+	0.036612
Nfat5	MmuINT0108009	chr8	1.1E+08	1.1E+08	+	0.021318
Nfat5	MmuINT0108010	chr8	1.1E+08	1.1E+08	+	0.019167
Nfat5	MmuINT0108011	chr8	1.1E+08	1.1E+08	+	0.038754
Nfat5	MmuINT0108012	chr8	1.1E+08	1.1E+08	+	0.054338
Nfat5	MmuINT0108013	chr8	1.1E+08	1.1E+08	+	0.034603
Nfatc1	MmuINT0108017	chr18	80879058	80894293	-	0.017135
Nfatc1	MmuINT0108018	chr18	80863900	80878897	-	0.023496
Nfatc1	MmuINT0108019	chr18	80862194	80863696	-	0.018713
Nfatc1	MmuINT0108020	chr18	80860175	80862020	-	0.017081
Nfatc1	MmuINT0108021	chr18	80850301	80860033	-	0.036438
Nfatc1	MmuINT0108022	chr18	80846704	80850244	-	0.035008
Nfatc2	MmuINT0108029	chr2	1.68E+08	1.68E+08	-	0.014616
Nfatc2ip	MmuINT0108036	chr7	1.34E+08	1.34E+08	-	0.053215
Nfatc2ip	MmuINT0108037	chr7	1.34E+08	1.34E+08	-	0.104391
Nfatc2ip	MmuINT0108038	chr7	1.34E+08	1.34E+08	-	0.049531
Nfatc2ip	MmuINT0108039	chr7	1.34E+08	1.34E+08	-	0.165778
Nfatc2ip	MmuINT0108040	chr7	1.34E+08	1.34E+08	-	0.257205
Nfatc2ip	MmuINT0108041	chr7	1.34E+08	1.34E+08	-	0.063788
Nfatc3	MmuINT0108044	chr8	1.09E+08	1.09E+08	+	0.020253
Nfatc3	MmuINT0108045	chr8	1.09E+08	1.09E+08	+	0.018109
Nfatc3	MmuINT0108046	chr8	1.09E+08	1.09E+08	+	0.014669
Nfatc3	MmuINT0108047	chr8	1.09E+08	1.09E+08	+	0.022799
Nfatc3	MmuINT0108048	chr8	1.09E+08	1.09E+08	+	0.020254
Nfatc3	MmuINT0108049	chr8	1.09E+08	1.09E+08	+	0.018637
Nfatc3	MmuINT0108050	chr8	1.09E+08	1.09E+08	+	0.02036
Nfatc4	MmuINT0108052	chr14	56446091	56447439	+	0.069174
Nfatc4	MmuINT0108056	chr14	56449434	56450489	+	0.117142
Nfatc4	MmuINT0108059	chr14	56451642	56452393	+	0.724862
Nfe2l1	MmuINT0108065	chr11	96689538	96691132	-	0.023806
Nfe2l1	MmuINT0108066	chr11	96683634	96688511	-	0.003964
Nfe2l1	MmuINT0108067	chr11	96681831	96682564	-	0.000737
Nfe2l2	MmuINT0108068	chr2	75517487	75542420	-	0.008359
Nfe2l2	MmuINT0108069	chr2	75516635	75517219	-	0.018928
Nfe2l2	MmuINT0108070	chr2	75515770	75516544	-	0.015662
Nfe2l2	MmuINT0108071	chr2	75515242	75515601	-	0.006448
Nfia	MmuINT0108077	chr4	97444686	97449772	+	0.010729
Nfia	MmuINT0108078	chr4	97748508	97777908	+	0.011355
Nfia	MmuINT0108082	chr4	97681022	97687517	+	0.010305
Nfia	MmuINT0108083	chr4	97687646	97708241	+	0.011505
Nfia	MmuINT0108084	chr4	97708371	97729703	+	0.009333
Nfib	MmuINT0108087	chr4	82144674	82150634	-	0.005908
Nfib	MmuINT0108090	chr4	82029566	82144141	-	0.038351
Nfib	MmuINT0108091	chr4	82005705	82029511	-	0.011064

Nfib	MmuINT0108092	chr4	81999548	82005635	-	0.008457
Nfib	MmuINT0108093	chr4	81996412	81999426	-	0.007103
Nfib	MmuINT0108094	chr4	81976331	81996292	-	0.007063
Nfib	MmuINT0108095	chr4	81973818	81976195	-	0.006046
Nfic	MmuINT0108098	chr10	80883544	80889820	-	0.011139
Nfic	MmuINT0108099	chr10	80872428	80883011	-	0.003654
Nfic	MmuINT0108100	chr10	80871155	80872355	-	0.004678
Nfic	MmuINT0108101	chr10	80870975	80871079	-	0.007888
Nfic	MmuINT0108102	chr10	80870425	80870850	-	0.00288
Nfic	MmuINT0108103	chr10	80868960	80870299	-	0.003592
Nfic	MmuINT0108104	chr10	80867754	80868833	-	0.002906
Nfic	MmuINT0108105	chr10	80866174	80867568	-	0.006091
Nfic	MmuINT0108106	chr10	80863817	80866096	-	0.008449
Nfil3	MmuINT0108108	chr13	53064391	53076229	-	0.044618
Nfix	MmuINT0108110	chr8	87232577	87237664	-	0.009087
Nfix	MmuINT0108111	chr8	87251867	87295682	-	0.002257
Nfix	MmuINT0108112	chr8	87251579	87251803	-	0.002735
Nfix	MmuINT0108113	chr8	87251144	87251503	-	0.002763
Nfix	MmuINT0108115	chr8	87247750	87250367	-	0.034465
Nfix	MmuINT0108116	chr8	87245718	87247626	-	0.00299
Nfkb1	MmuINT0108123	chr3	1.35E+08	1.35E+08	-	0.009457
Nfkb1	MmuINT0108124	chr3	1.35E+08	1.35E+08	-	0.0087
Nfkb1	MmuINT0108125	chr3	1.35E+08	1.35E+08	-	0.057995
Nfkb1	MmuINT0108126	chr3	1.35E+08	1.35E+08	-	0.029227
Nfkb1	MmuINT0108127	chr3	1.35E+08	1.35E+08	-	0.007427
Nfkb1	MmuINT0108128	chr3	1.35E+08	1.35E+08	-	0.009514
Nfkb1	MmuINT0108129	chr3	1.35E+08	1.35E+08	-	0.014642
Nfkb1	MmuINT0108130	chr3	1.35E+08	1.35E+08	-	0.008017
Nfkb1	MmuINT0108131	chr3	1.35E+08	1.35E+08	-	0.014847
Nfkb1	MmuINT0108132	chr3	1.35E+08	1.35E+08	-	0.011747
Nfkb1	MmuINT0108134	chr3	1.35E+08	1.35E+08	-	0.016021
Nfkb1	MmuINT0108135	chr3	1.35E+08	1.35E+08	-	0.016123
Nfkb1	MmuINT0108136	chr3	1.35E+08	1.35E+08	-	0.071994
Nfkb1	MmuINT0108137	chr3	1.35E+08	1.35E+08	-	0.010076
Nfkb1	MmuINT0108138	chr3	1.35E+08	1.35E+08	-	0.042333
Nfkb1	MmuINT0108139	chr3	1.35E+08	1.35E+08	-	0.016167
Nfkb1	MmuINT0108140	chr3	1.35E+08	1.35E+08	-	0.022236
Nfkb1	MmuINT0108141	chr3	1.35E+08	1.35E+08	-	0.021794
Nfkb1	MmuINT0108142	chr3	1.35E+08	1.35E+08	-	0.01507
Nfkb1	MmuINT0108143	chr3	1.35E+08	1.35E+08	-	0.008668
Nfkb1	MmuINT0108144	chr3	1.35E+08	1.35E+08	-	0.008748
Nfkb1	MmuINT0108145	chr3	1.35E+08	1.35E+08	-	0.006873
Nfkb2	MmuINT0108146	chr19	46380515	46380772	+	0.01414
Nfkb2	MmuINT0108147	chr19	46382974	46383118	+	0.010292
Nfkb2	MmuINT0108148	chr19	46383245	46383354	+	0.018319
Nfkb2	MmuINT0108149	chr19	46383565	46383644	+	0.022263
Nfkb2	MmuINT0108150	chr19	46383787	46384144	+	0.013078
Nfkb2	MmuINT0108151	chr19	46384260	46384332	+	0.015871
Nfkb2	MmuINT0108152	chr19	46384547	46384697	+	0.00993
Nfkb2	MmuINT0108153	chr19	46384868	46384986	+	0.012487

Nfkb2	MmuINT0108154	chr19	46385090	46385213	+	0.009944
Nfkb2	MmuINT0108155	chr19	46385366	46385498	+	0.013563
Nfkb2	MmuINT0108156	chr19	46385569	46385771	+	0.012684
Nfkb2	MmuINT0108157	chr19	46380855	46380975	+	0.029214
Nfkb2	MmuINT0108158	chr19	46385945	46386070	+	0.018583
Nfkb2	MmuINT0108159	chr19	46386183	46386259	+	0.557094
Nfkb2	MmuINT0108160	chr19	46381017	46381260	+	0.030677
Nfkb2	MmuINT0108161	chr19	46381360	46381431	+	0.081066
Nfkb2	MmuINT0108162	chr19	46381584	46381853	+	0.042851
Nfkb2	MmuINT0108163	chr19	46381961	46382049	+	0.009893
Nfkb2	MmuINT0108164	chr19	46382209	46382445	+	0.009375
Nfkb2	MmuINT0108165	chr19	46382551	46382662	+	0.012138
Nfkb2	MmuINT0108166	chr19	46382749	46382834	+	0.009528
Nfkb2	MmuINT0108167	chr12	56592766	56593286	-	0.01454
Nfkb2	MmuINT0108168	chr12	56592318	56592656	-	0.016234
Nfkb2	MmuINT0108169	chr12	56591847	56592106	-	0.021834
Nfkb2	MmuINT0108170	chr12	56591654	56591757	-	0.009414
Nfkb2	MmuINT0108171	chr12	56590957	56591392	-	0.032754
Nfkb2	MmuINT0108172	chr7	29547151	29551262	-	0.025341
Nfkb2	MmuINT0108173	chr7	29546955	29547044	-	0.005017
Nfkb2	MmuINT0108174	chr7	29545285	29546620	-	0.006571
Nfkb2	MmuINT0108175	chr7	29545116	29545195	-	0.010999
Nfkb2	MmuINT0108176	chr7	29544224	29544845	-	0.027417
Nfkb2	MmuINT0108177	chr7	29544028	29544116	-	0.968267
Nfkb2	MmuINT0108193	chr17	35372177	35372594	-	0.142364
Nfkb2	MmuINT0108194	chr17	35358304	35371896	-	0.048431
Nfkb2	MmuINT0108195	chr17	35357922	35358081	-	0.022362
Nfkb2	MmuINT0108222	chr16	55814465	55815752	-	0.201288
Nfkb2	MmuINT0108224	chr16	55812897	55814062	-	0.103003
Nfkb2	MmuINT0108227	chr16	55818965	55819104	-	0.111286
Nfkb2	MmuINT0108232	chr16	55815923	55816180	-	0.057882
Nfkb2	MmuINT0108233	chr9	31193856	31196461	+	0.050917
Nfkb2	MmuINT0108235	chr9	31208289	31208522	+	0.112527
Nfkb2	MmuINT0108236	chr9	31208589	31209640	+	0.064389
Nfkb2	MmuINT0108237	chr9	31209721	31209819	+	0.047288
Nfkb2	MmuINT0108238	chr9	31209864	31210598	+	0.133353
Nfkb2	MmuINT0108240	chr9	31211215	31213135	+	0.112284
Nfkb2	MmuINT0108241	chr9	31213243	31216857	+	0.042123
Nfkb2	MmuINT0108242	chr9	31216982	31217429	+	0.040748
Nfkb2	MmuINT0108243	chr9	31217510	31217648	+	0.041583
Nfkb2	MmuINT0108244	chr9	31196635	31199547	+	0.033744
Nfkb2	MmuINT0108245	chr9	31217864	31217951	+	0.045034
Nfkb2	MmuINT0108246	chr9	31218223	31218761	+	0.026481
Nfkb2	MmuINT0108247	chr9	31218975	31221601	+	0.019572
Nfkb2	MmuINT0108248	chr9	31222370	31226560	+	0.085325
Nfkb2	MmuINT0108249	chr9	31226668	31227398	+	0.040004
Nfkb2	MmuINT0108250	chr9	31227535	31227639	+	0.041252
Nfkb2	MmuINT0108251	chr9	31199750	31202287	+	0.161905
Nfkb2	MmuINT0108252	chr9	31202416	31203907	+	0.039714
Nfkb2	MmuINT0108253	chr9	31204083	31204620	+	0.497245

Nfrkb	MmuINT0108254	chr9	31204723	31205304	+	0.072476
Nfrkb	MmuINT0108255	chr9	31205379	31206144	+	0.063679
Nfrkb	MmuINT0108256	chr9	31206230	31206733	+	0.067648
Nfrkb	MmuINT0108257	chr9	31206915	31207523	+	0.1281
Nfs1	MmuINT0108258	chr2	1.56E+08	1.56E+08	-	0.001452
Nfs1	MmuINT0108259	chr2	1.56E+08	1.56E+08	-	0.014159
Nfs1	MmuINT0108260	chr2	1.56E+08	1.56E+08	-	0.003632
Nfs1	MmuINT0108261	chr2	1.56E+08	1.56E+08	-	0.008341
Nfs1	MmuINT0108262	chr2	1.56E+08	1.56E+08	-	0.00196
Nfs1	MmuINT0108263	chr2	1.56E+08	1.56E+08	-	0.005124
Nfs1	MmuINT0108264	chr2	1.56E+08	1.56E+08	-	0.011551
Nfs1	MmuINT0108265	chr2	1.56E+08	1.56E+08	-	0.003884
Nfs1	MmuINT0108266	chr2	1.56E+08	1.56E+08	-	0.002176
Nfs1	MmuINT0108267	chr2	1.56E+08	1.56E+08	-	0.005081
Nfs1	MmuINT0108268	chr2	1.56E+08	1.56E+08	-	0.010207
Nfs1	MmuINT0108269	chr2	1.56E+08	1.56E+08	-	0.014304
Nfu1	MmuINT0108271	chr6	86963002	86965559	+	0.00843
Nfu1	MmuINT0108273	chr6	86970837	86973121	+	0.044565
Nfx1	MmuINT0108276	chr4	40918093	40923385	+	0.038812
Nfx1	MmuINT0108277	chr4	40943946	40946717	+	0.014625
Nfx1	MmuINT0108278	chr4	40946749	40950050	+	0.178684
Nfx1	MmuINT0108279	chr4	40950131	40951360	+	0.028749
Nfx1	MmuINT0108280	chr4	40951470	40951858	+	0.008036
Nfx1	MmuINT0108281	chr4	40951979	40956222	+	0.006799
Nfx1	MmuINT0108282	chr4	40956303	40962235	+	0.034365
Nfx1	MmuINT0108283	chr4	40962467	40963109	+	0.338603
Nfx1	MmuINT0108284	chr4	40963184	40965004	+	0.058373
Nfx1	MmuINT0108285	chr4	40965107	40965480	+	0.026632
Nfx1	MmuINT0108286	chr4	40965523	40968781	+	0.059792
Nfx1	MmuINT0108287	chr4	40924376	40931925	+	0.007188
Nfx1	MmuINT0108288	chr4	40968881	40969292	+	0.027785
Nfx1	MmuINT0108289	chr4	40969360	40970646	+	0.060568
Nfx1	MmuINT0108290	chr4	40970793	40971506	+	0.021675
Nfx1	MmuINT0108291	chr4	40971612	40971833	+	0.022388
Nfx1	MmuINT0108292	chr4	40932085	40933725	+	0.009864
Nfx1	MmuINT0108293	chr4	40933804	40935654	+	0.020125
Nfx1	MmuINT0108294	chr4	40935761	40937825	+	0.014115
Nfx1	MmuINT0108295	chr4	40937898	40938776	+	0.015308
Nfx1	MmuINT0108296	chr4	40938917	40940791	+	0.011205
Nfx1	MmuINT0108297	chr4	40940892	40940995	+	0.016882
Nfx1	MmuINT0108298	chr4	40941214	40943847	+	0.007169
Nfxl1	MmuINT0108300	chr5	72928728	72929388	-	0.045822
Nfxl1	MmuINT0108302	chr5	72920744	72924283	-	0.067118
Nfxl1	MmuINT0108303	chr5	72920411	72920622	-	0.071243
Nfxl1	MmuINT0108304	chr5	72919490	72920250	-	0.060388
Nfxl1	MmuINT0108305	chr5	72915908	72919397	-	0.064927
Nfxl1	MmuINT0108306	chr5	72915467	72915885	-	0.051785
Nfxl1	MmuINT0108307	chr5	72914915	72915325	-	0.050664
Nfxl1	MmuINT0108308	chr5	72913457	72914747	-	0.067869
Nfxl1	MmuINT0108309	chr5	72909539	72913386	-	0.050816

Nfxl1	MmuINT0108311	chr5	72908352	72909433	-	0.238414
Nfxl1	MmuINT0108312	chr5	72907505	72908264	-	0.197903
Nfxl1	MmuINT0108313	chr5	72905571	72907450	-	0.264208
Nfxl1	MmuINT0108314	chr5	72943992	72947410	-	0.06886
Nfxl1	MmuINT0108317	chr5	72931893	72932092	-	0.070386
Nfxl1	MmuINT0108318	chr5	72931634	72931730	-	0.094821
Nfxl1	MmuINT0108319	chr5	72930960	72931532	-	0.10481
Nfxl1	MmuINT0108320	chr5	72929514	72930844	-	0.069758
Nfya	MmuINT0108323	chr17	48539906	48548950	-	0.02848
Nfya	MmuINT0108325	chr17	48532878	48534974	-	0.07437
Nfya	MmuINT0108326	chr17	48532611	48532745	-	0.022673
Nfya	MmuINT0108328	chr17	48531375	48531664	-	0.026873
Nfya	MmuINT0108329	chr17	48530676	48531200	-	0.022326
Nfya	MmuINT0108330	chr17	48528668	48530573	-	0.109802
Nfyb	MmuINT0108331	chr10	82224659	82226748	-	0.067661
Nfyb	MmuINT0108332	chr10	82219541	82224577	-	0.042385
Nfyb	MmuINT0108333	chr10	82217841	82219446	-	0.026651
Nfyb	MmuINT0108334	chr10	82215350	82217709	-	0.025209
Nfyb	MmuINT0108335	chr10	82214211	82215151	-	0.015497
Nfyb	MmuINT0108336	chr10	82213563	82214128	-	0.028176
Nfyb	MmuINT0108337	chr10	82213193	82213482	-	0.019706
Ng23	MmuINT0108349	chr17	35163403	35163638	-	0.967952
Ng23	MmuINT0108350	chr17	35163093	35163282	-	0.990681
Ngdn	MmuINT0108354	chr14	55634426	55635005	+	0.074028
Ngdn	MmuINT0108355	chr14	55642231	55642825	+	0.063716
Ngdn	MmuINT0108356	chr14	55635066	55635902	+	0.036341
Ngdn	MmuINT0108357	chr14	55635975	55639890	+	0.051886
Ngdn	MmuINT0108358	chr14	55640029	55640230	+	0.011454
Ngdn	MmuINT0108359	chr14	55640316	55640392	+	0.02383
Ngdn	MmuINT0108360	chr14	55640446	55640657	+	0.018571
Ngdn	MmuINT0108361	chr14	55640782	55640874	+	0.004656
Ngdn	MmuINT0108362	chr14	55641044	55641886	+	0.010619
Ngdn	MmuINT0108363	chr14	55642044	55642172	+	0.020869
Ngf	MmuINT0108382	chr3	1.02E+08	1.02E+08	+	0.138774
Ngly1	MmuINT0108390	chr14	17127188	17142827	+	0.018986
Ngly1	MmuINT0108391	chr14	17143006	17143372	+	0.006773
Ngly1	MmuINT0108392	chr14	17087271	17093077	+	0.002626
Ngly1	MmuINT0108393	chr14	17093315	17102988	+	0.012996
Ngly1	MmuINT0108394	chr14	17103155	17110312	+	0.031835
Ngly1	MmuINT0108395	chr14	17110536	17113206	+	0.006665
Ngly1	MmuINT0108396	chr14	17113329	17114253	+	0.010303
Ngly1	MmuINT0108397	chr14	17114400	17115876	+	0.008853
Ngly1	MmuINT0108398	chr14	17115988	17123284	+	0.007227
Ngly1	MmuINT0108399	chr14	17123450	17127001	+	0.006605
Ngrn	MmuINT0108403	chr7	87406310	87406706	+	0.17748
Ngrn	MmuINT0108404	chr7	87406818	87409263	+	0.019097
Nhej1	MmuINT0108430	chr1	75091942	75093074	-	0.029675
Nhej1	MmuINT0108431	chr1	75015487	75091882	-	0.021133
Nhej1	MmuINT0108432	chr1	75014850	75015368	-	0.07731
Nhej1	MmuINT0108433	chr1	75014343	75014742	-	0.021616

Nhlrc2	MmuINT0108437	chr19	56623351	56626248	+	0.018459
Nhlrc2	MmuINT0108438	chr19	56669510	56671745	+	0.031204
Nhlrc2	MmuINT0108439	chr19	56626402	56644905	+	0.008554
Nhlrc2	MmuINT0108440	chr19	56645362	56649247	+	0.013007
Nhlrc2	MmuINT0108441	chr19	56649370	56650644	+	0.009883
Nhlrc2	MmuINT0108442	chr19	56650775	56662659	+	0.018809
Nhlrc2	MmuINT0108443	chr19	56662760	56666065	+	0.0439
Nhlrc2	MmuINT0108444	chr19	56666298	56666882	+	0.034807
Nhlrc2	MmuINT0108445	chr19	56667006	56668149	+	0.01209
Nhlrc2	MmuINT0108446	chr19	56668357	56669289	+	0.020471
Nhlrc3	MmuINT0108447	chr3	53266387	53266981	-	0.04685
Nhlrc3	MmuINT0108448	chr3	53265702	53266233	-	0.068293
Nhlrc3	MmuINT0108449	chr3	53262608	53265553	-	0.097818
Nhlrc3	MmuINT0108450	chr3	53260440	53262406	-	0.079854
Nhlrc3	MmuINT0108451	chr3	53257577	53260347	-	0.066786
Nhlrc3	MmuINT0108452	chr3	53256572	53257463	-	0.056106
Nhp2	MmuINT0108454	chr11	51433480	51433583	+	0.030453
Nhp2	MmuINT0108455	chr11	51433654	51435986	+	0.00498
Nhp2	MmuINT0108456	chr11	51436093	51436593	+	0.006638
Nhsl1	MmuINT0108471	chr10	18217964	18231355	+	0.284425
Nhsl1	MmuINT0108473	chr10	18246849	18247341	+	0.03233
Nhsl1	MmuINT0108474	chr10	18247475	18251073	+	0.024578
Nicn1	MmuINT0108482	chr9	1.08E+08	1.08E+08	+	0.011687
Nicn1	MmuINT0108483	chr9	1.08E+08	1.08E+08	+	0.009925
Nicn1	MmuINT0108484	chr9	1.08E+08	1.08E+08	+	0.015662
Nicn1	MmuINT0108485	chr9	1.08E+08	1.08E+08	+	0.011142
Nicn1	MmuINT0108486	chr9	1.08E+08	1.08E+08	+	0.010711
Nid1	MmuINT0108488	chr13	13579032	13581272	+	0.008968
Nid1	MmuINT0108489	chr13	13581423	13582311	+	0.006783
Nid1	MmuINT0108490	chr13	13582435	13591825	+	0.012811
Nid1	MmuINT0108491	chr13	13592054	13592712	+	0.009574
Nid1	MmuINT0108492	chr13	13592886	13594665	+	0.012324
Nid1	MmuINT0108493	chr13	13594793	13598602	+	0.011246
Nid1	MmuINT0108494	chr13	13598775	13599876	+	0.01264
Nid1	MmuINT0108495	chr13	13600035	13600984	+	0.01373
Nid1	MmuINT0108496	chr13	13601109	13601699	+	0.081508
Nid1	MmuINT0108497	chr13	13601813	13602212	+	0.059874
Nid1	MmuINT0108498	chr13	13556289	13557576	+	0.006507
Nid1	MmuINT0108499	chr13	13557804	13560497	+	0.007156
Nid1	MmuINT0108500	chr13	13560875	13565046	+	0.008739
Nid1	MmuINT0108501	chr13	13565197	13568425	+	0.00742
Nid1	MmuINT0108502	chr13	13568678	13570404	+	0.012176
Nid1	MmuINT0108503	chr13	13570606	13574284	+	0.008822
Nid1	MmuINT0108504	chr13	13574531	13575916	+	0.007613
Nid1	MmuINT0108505	chr13	13576061	13578905	+	0.015023
Nid2	MmuINT0108507	chr14	20609629	20610729	+	0.037902
Nid2	MmuINT0108508	chr14	20610874	20616385	+	0.034659
Nid2	MmuINT0108509	chr14	20616506	20617618	+	0.024932
Nid2	MmuINT0108510	chr14	20617868	20621559	+	0.032782
Nid2	MmuINT0108511	chr14	20621782	20622270	+	0.021823

Nid2	MmuINT0108512	chr14	20622441	20624519	+	0.226024
Nid2	MmuINT0108513	chr14	20624650	20625064	+	0.018684
Nid2	MmuINT0108514	chr14	20625237	20627148	+	0.046691
Nid2	MmuINT0108515	chr14	20627307	20629201	+	0.056638
Nid2	MmuINT0108516	chr14	20629326	20630175	+	0.023646
Nid2	MmuINT0108518	chr14	20630289	20630407	+	0.023569
Nid2	MmuINT0108519	chr14	20583121	20587431	+	0.023545
Nid2	MmuINT0108520	chr14	20588160	20597217	+	0.03694
Nid2	MmuINT0108521	chr14	20597368	20597959	+	0.032556
Nid2	MmuINT0108522	chr14	20598206	20598758	+	0.041817
Nid2	MmuINT0108523	chr14	20598960	20600356	+	0.025557
Nid2	MmuINT0108524	chr14	20600588	20608892	+	0.042759
Nid2	MmuINT0108525	chr14	20609037	20609499	+	0.030475
Nif3l1	MmuINT0108526	chr1	58504934	58507230	+	0.010265
Nif3l1	MmuINT0108527	chr1	58507394	58508932	+	0.0145
Nif3l1	MmuINT0108528	chr1	58509060	58512440	+	0.014527
Nif3l1	MmuINT0108529	chr1	58512580	58514623	+	0.012755
Nif3l1	MmuINT0108530	chr1	58514708	58517984	+	0.029856
Nin	MmuINT0108531	chr12	71191605	71203637	-	0.048293
Nin	MmuINT0108532	chr12	71152238	71155374	-	0.023895
Nin	MmuINT0108533	chr12	71151742	71152126	-	0.03342
Nin	MmuINT0108534	chr12	71150150	71151651	-	0.048788
Nin	MmuINT0108535	chr12	71148262	71150010	-	0.035279
Nin	MmuINT0108536	chr12	71146625	71148139	-	0.042243
Nin	MmuINT0108537	chr12	71145240	71146133	-	0.038383
Nin	MmuINT0108538	chr12	71141868	71143118	-	0.036085
Nin	MmuINT0108539	chr12	71141644	71141741	-	0.030139
Nin	MmuINT0108540	chr12	71139739	71141573	-	0.035134
Nin	MmuINT0108541	chr12	71136258	71139525	-	0.027882
Nin	MmuINT0108543	chr12	71132767	71136143	-	0.03328
Nin	MmuINT0108544	chr12	71131984	71132643	-	0.024662
Nin	MmuINT0108545	chr12	71131120	71131869	-	0.035027
Nin	MmuINT0108546	chr12	71129179	71130972	-	0.02114
Nin	MmuINT0108547	chr12	71127891	71128998	-	0.021522
Nin	MmuINT0108548	chr12	71126469	71127740	-	0.022009
Nin	MmuINT0108549	chr12	71118674	71121820	-	0.074506
Nin	MmuINT0108550	chr12	71115944	71118559	-	0.086457
Nin	MmuINT0108554	chr12	71157027	71157638	-	0.038434
Nin	MmuINT0108557	chr12	71155550	71155817	-	0.031456
Ninj1	MmuINT0108562	chr13	49283007	49289104	+	0.02353
Ninj1	MmuINT0108563	chr13	49289334	49290262	+	0.030476
Ninj1	MmuINT0108564	chr13	49290427	49290972	+	0.00404
Nip7	MmuINT0108591	chr8	1.1E+08	1.1E+08	+	0.023457
Nip7	MmuINT0108592	chr8	1.1E+08	1.1E+08	+	0.001947
Nipa2	MmuINT0108603	chr7	63191329	63192941	-	0.004395
Nipal3	MmuINT0108620	chr4	1.35E+08	1.35E+08	-	0.009445
Nipal3	MmuINT0108621	chr4	1.35E+08	1.35E+08	-	0.012602
Nipal3	MmuINT0108622	chr4	1.35E+08	1.35E+08	-	0.013546
Nipal3	MmuINT0108623	chr4	1.35E+08	1.35E+08	-	0.012956
Nipal3	MmuINT0108624	chr4	1.35E+08	1.35E+08	-	0.011513

Nipal3	MmuINT0108625	chr4	1.35E+08	1.35E+08	-	0.009742
Nipal3	MmuINT0108626	chr4	1.35E+08	1.35E+08	-	0.015532
Nipal3	MmuINT0108627	chr4	1.35E+08	1.35E+08	-	0.007458
Nipal3	MmuINT0108628	chr4	1.35E+08	1.35E+08	-	0.01012
Nipal3	MmuINT0108629	chr4	1.35E+08	1.35E+08	-	0.006651
Nipal3	MmuINT0108630	chr4	1.35E+08	1.35E+08	-	0.008978
Nipbl	MmuINT0108636	chr15	8324103	8394124	-	0.133285
Nipbl	MmuINT0108637	chr15	8293658	8300203	-	0.021101
Nipbl	MmuINT0108638	chr15	8289073	8293474	-	0.02183
Nipbl	MmuINT0108640	chr15	8288599	8288680	-	0.027807
Nipbl	MmuINT0108641	chr15	8286958	8288508	-	0.027168
Nipbl	MmuINT0108642	chr15	8285271	8286853	-	0.018799
Nipbl	MmuINT0108643	chr15	8285082	8285183	-	0.019771
Nipbl	MmuINT0108644	chr15	8283733	8284849	-	0.018331
Nipbl	MmuINT0108645	chr15	8283089	8283580	-	0.023881
Nipbl	MmuINT0108646	chr15	8282490	8283007	-	0.029171
Nipbl	MmuINT0108647	chr15	8322197	8323959	-	0.024057
Nipbl	MmuINT0108648	chr15	8280317	8282388	-	0.020613
Nipbl	MmuINT0108649	chr15	8278475	8280177	-	0.016936
Nipbl	MmuINT0108650	chr15	8277878	8278391	-	0.019443
Nipbl	MmuINT0108651	chr15	8277143	8277744	-	0.017982
Nipbl	MmuINT0108652	chr15	8275774	8276998	-	0.017057
Nipbl	MmuINT0108653	chr15	8274660	8275683	-	0.012752
Nipbl	MmuINT0108654	chr15	8274351	8274444	-	0.016979
Nipbl	MmuINT0108655	chr15	8273751	8274247	-	0.017896
Nipbl	MmuINT0108656	chr15	8273556	8273651	-	0.015379
Nipbl	MmuINT0108657	chr15	8272621	8273408	-	0.014999
Nipbl	MmuINT0108658	chr15	8319589	8322030	-	0.023773
Nipbl	MmuINT0108659	chr15	8269556	8272485	-	0.012792
Nipbl	MmuINT0108660	chr15	8268417	8269456	-	0.024404
Nipbl	MmuINT0108661	chr15	8262443	8268362	-	0.03198
Nipbl	MmuINT0108662	chr15	8261282	8262333	-	0.014363
Nipbl	MmuINT0108663	chr15	8257987	8261144	-	0.016241
Nipbl	MmuINT0108664	chr15	8257659	8257845	-	0.015831
Nipbl	MmuINT0108665	chr15	8257025	8257564	-	0.011918
Nipbl	MmuINT0108666	chr15	8255940	8256869	-	0.018511
Nipbl	MmuINT0108667	chr15	8253567	8255848	-	0.019114
Nipbl	MmuINT0108668	chr15	8253027	8253392	-	0.009656
Nipbl	MmuINT0108670	chr15	8251398	8252835	-	0.01653
Nipbl	MmuINT0108671	chr15	8250896	8251289	-	0.015383
Nipbl	MmuINT0108672	chr15	8246879	8250694	-	0.013545
Nipbl	MmuINT0108673	chr15	8245786	8246731	-	0.007206
Nipbl	MmuINT0108674	chr15	8243259	8245510	-	0.031268
Nipbl	MmuINT0108675	chr15	8242326	8243083	-	0.010329
Nipbl	MmuINT0108676	chr15	8315944	8316629	-	0.025879
Nipbl	MmuINT0108678	chr15	8311013	8311717	-	0.027236
Nipbl	MmuINT0108679	chr15	8309267	8310915	-	0.018164
Nipbl	MmuINT0108680	chr15	8301812	8308639	-	0.018875
Nipsnap3b	MmuINT0108696	chr4	53024920	53027886	+	0.024342
Nipsnap3b	MmuINT0108697	chr4	53028098	53029920	+	0.044167



Nipsnap3b	MmuINT0108698	chr4	53030080	53033053	+	0.032481
Nipsnap3b	MmuINT0108699	chr4	53033204	53033982	+	0.041562
Nipsnap3b	MmuINT0108700	chr4	53034070	53034155	+	0.035249
Nisch	MmuINT0108701	chr14	32017712	32019752	-	0.006405
Nisch	MmuINT0108702	chr14	32000074	32000244	-	0.002833
Nisch	MmuINT0108703	chr14	31998612	31999944	-	0.059851
Nisch	MmuINT0108704	chr14	31998237	31998497	-	0.009386
Nisch	MmuINT0108705	chr14	31994136	31998127	-	0.145776
Nisch	MmuINT0108706	chr14	31993072	31994007	-	0.010916
Nisch	MmuINT0108707	chr14	31990899	31993021	-	0.006939
Nisch	MmuINT0108708	chr14	31988073	31989515	-	0.00604
Nisch	MmuINT0108709	chr14	31986930	31987441	-	0.012263
Nisch	MmuINT0108710	chr14	31986379	31986772	-	0.006609
Nisch	MmuINT0108711	chr14	31985785	31986249	-	0.007996
Nisch	MmuINT0108712	chr14	32016596	32017627	-	0.005891
Nisch	MmuINT0108713	chr14	31985365	31985622	-	0.013718
Nisch	MmuINT0108714	chr14	32005816	32016412	-	0.033848
Nisch	MmuINT0108715	chr14	32004735	32005766	-	0.009318
Nisch	MmuINT0108716	chr14	32004278	32004570	-	0.002722
Nisch	MmuINT0108717	chr14	32003013	32004181	-	0.001637
Nisch	MmuINT0108718	chr14	32001981	32002916	-	0.010314
Nisch	MmuINT0108719	chr14	32000905	32001824	-	0.01168
Nisch	MmuINT0108720	chr14	32000431	32000835	-	0.004808
Nit1	MmuINT0108721	chr1	1.73E+08	1.73E+08	-	0.408651
Nit1	MmuINT0108722	chr1	1.73E+08	1.73E+08	-	0.008032
Nit1	MmuINT0108723	chr1	1.73E+08	1.73E+08	-	0.034352
Nit1	MmuINT0108725	chr1	1.73E+08	1.73E+08	-	0.015503
Nit1	MmuINT0108726	chr1	1.73E+08	1.73E+08	-	0.057003
Nit2	MmuINT0108727	chr16	57166330	57167393	-	0.011727
Nit2	MmuINT0108728	chr16	57164432	57166210	-	0.012715
Nit2	MmuINT0108729	chr16	57163720	57164310	-	0.020525
Nit2	MmuINT0108730	chr16	57161898	57163630	-	0.008965
Nit2	MmuINT0108731	chr16	57161318	57161803	-	0.015038
Nit2	MmuINT0108732	chr16	57160259	57161242	-	0.01106
Nit2	MmuINT0108733	chr16	57159630	57160179	-	0.007663
Nit2	MmuINT0108734	chr16	57157653	57159530	-	0.029886
Nit2	MmuINT0108735	chr16	57157280	57157596	-	0.007711
Nkain1	MmuINT0108736	chr4	1.3E+08	1.3E+08	+	0.026694
Nkain1	MmuINT0108737	chr4	1.3E+08	1.3E+08	+	0.010698
Nkain1	MmuINT0108738	chr4	1.3E+08	1.3E+08	+	0.021897
Nkain1	MmuINT0108739	chr4	1.3E+08	1.3E+08	+	0.013483
Nkain1	MmuINT0108740	chr4	1.3E+08	1.3E+08	+	0.01781
Nkain1	MmuINT0108741	chr4	1.3E+08	1.3E+08	+	0.011149
Nkap	MmuINT0108758	chrX	34667371	34670972	+	0.028838
Nkap	MmuINT0108759	chrX	34671054	34676506	+	0.040697
Nkap	MmuINT0108760	chrX	34676578	34676746	+	0.036759
Nkap	MmuINT0108761	chrX	34676888	34679671	+	0.020049
Nkap	MmuINT0108762	chrX	34679736	34681632	+	0.03156
Nkap	MmuINT0108763	chrX	34681743	34681831	+	0.027796
Nkap	MmuINT0108764	chrX	34681908	34682899	+	0.023251

Nkap	MmuINT0108765	chrX	34683050	34687785	+	0.011571
Nkiras1	MmuINT0108788	chr14	19103838	19109209	+	0.012046
Nkiras1	MmuINT0108789	chr14	19109321	19110817	+	0.016166
Nkiras1	MmuINT0108790	chr14	19111060	19112460	+	0.003629
Nkiras2	MmuINT0108791	chr11	1E+08	1E+08	+	0.005255
Nkiras2	MmuINT0108792	chr11	1E+08	1E+08	+	0.006056
Nkiras2	MmuINT0108793	chr11	1E+08	1E+08	+	0.004385
Nktr	MmuINT0108800	chr9	1.22E+08	1.22E+08	+	0.025459
Nktr	MmuINT0108801	chr9	1.22E+08	1.22E+08	+	0.024009
Nktr	MmuINT0108802	chr9	1.22E+08	1.22E+08	+	0.013848
Nktr	MmuINT0108803	chr9	1.22E+08	1.22E+08	+	0.091708
Nktr	MmuINT0108804	chr9	1.22E+08	1.22E+08	+	0.057254
Nktr	MmuINT0108805	chr9	1.22E+08	1.22E+08	+	0.424209
Nktr	MmuINT0108806	chr9	1.22E+08	1.22E+08	+	0.090455
Nktr	MmuINT0108807	chr9	1.22E+08	1.22E+08	+	0.033369
Nktr	MmuINT0108808	chr9	1.22E+08	1.22E+08	+	0.13435
Nktr	MmuINT0108810	chr9	1.22E+08	1.22E+08	+	0.278303
Nktr	MmuINT0108811	chr9	1.22E+08	1.22E+08	+	0.166229
Nktr	MmuINT0108812	chr9	1.22E+08	1.22E+08	+	0.024223
Nktr	MmuINT0108813	chr9	1.22E+08	1.22E+08	+	0.021044
Nktr	MmuINT0108814	chr9	1.22E+08	1.22E+08	+	0.026133
Nkx2-5	MmuINT0108822	chr17	26976593	26977969	-	0.002271
Nle1	MmuINT0108832	chr11	82721738	82721840	-	0.044229
Nle1	MmuINT0108833	chr11	82715371	82716496	-	0.034632
Nle1	MmuINT0108835	chr11	82714553	82715058	-	0.224354
Nle1	MmuINT0108836	chr11	82721273	82721593	-	0.02689
Nle1	MmuINT0108837	chr11	82720007	82721054	-	0.174967
Nle1	MmuINT0108838	chr11	82719086	82719926	-	0.057349
Nle1	MmuINT0108839	chr11	82718878	82719008	-	0.034633
Nle1	MmuINT0108840	chr11	82718487	82718779	-	0.016509
Nle1	MmuINT0108841	chr11	82717878	82718293	-	0.174511
Nle1	MmuINT0108842	chr11	82717639	82717741	-	0.112758
Nle1	MmuINT0108843	chr11	82716700	82717591	-	0.242139
Nlgn2	MmuINT0108853	chr11	69644116	69647483	-	0.127752
Nlgn2	MmuINT0108854	chr11	69642017	69644064	-	0.116048
Nlgn2	MmuINT0108855	chr11	69641706	69641866	-	0.050012
Nlgn2	MmuINT0108856	chr11	69641411	69641519	-	0.043337
Nlgn2	MmuINT0108857	chr11	69640843	69641217	-	0.049236
Nlgn2	MmuINT0108858	chr11	69639582	69640245	-	0.055394
Nlk	MmuINT0108865	chr11	78440209	78509310	-	0.000624
Nlk	MmuINT0108866	chr11	78382478	78384972	-	0.02453
Nlk	MmuINT0108867	chr11	78431833	78440078	-	0.014159
Nlk	MmuINT0108868	chr11	78404492	78431776	-	0.00194
Nlk	MmuINT0108870	chr11	78400581	78402806	-	0.007127
Nlk	MmuINT0108871	chr11	78396927	78400370	-	0.0136
Nlk	MmuINT0108872	chr11	78388430	78396824	-	0.01791
Nlk	MmuINT0108873	chr11	78385934	78388342	-	0.000456
Nlk	MmuINT0108874	chr11	78385067	78385734	-	0.017667
Nln	MmuINT0108875	chr13	1.05E+08	1.05E+08	-	0.014706
Nln	MmuINT0108876	chr13	1.05E+08	1.05E+08	-	0.012502

Nln	MmuINT0108877	chr13	1.05E+08	1.05E+08	-	0.012335
Nln	MmuINT0108878	chr13	1.05E+08	1.05E+08	-	0.020614
Nln	MmuINT0108879	chr13	1.05E+08	1.05E+08	-	0.014183
Nln	MmuINT0108880	chr13	1.05E+08	1.05E+08	-	0.014766
Nln	MmuINT0108881	chr13	1.05E+08	1.05E+08	-	0.021685
Nln	MmuINT0108882	chr13	1.05E+08	1.05E+08	-	0.016433
Nln	MmuINT0108883	chr13	1.05E+08	1.05E+08	-	0.030097
Nln	MmuINT0108884	chr13	1.05E+08	1.05E+08	-	0.010373
Nln	MmuINT0108885	chr13	1.05E+08	1.05E+08	-	0.031098
Nln	MmuINT0108886	chr13	1.05E+08	1.05E+08	-	0.0134
Nlrc5	MmuINT0108954	chr8	97049404	97049878	+	0.104742
Nlrp10	MmuINT0108960	chr7	1.16E+08	1.16E+08	-	0.01153
Nlrp10	MmuINT0108961	chr7	1.16E+08	1.16E+08	-	0.004254
Nlr1	MmuINT0109140	chr9	44072332	44072785	-	0.017791
Nlr1	MmuINT0109141	chr9	44071137	44071711	-	0.013385
Nlr1	MmuINT0109142	chr9	44065011	44070314	-	0.0205
Nlr1	MmuINT0109143	chr9	44063601	44064414	-	0.019141
Nlr1	MmuINT0109144	chr9	44062327	44063513	-	0.023814
Nlr1	MmuINT0109145	chr9	44061623	44062074	-	0.027902
Nmb	MmuINT0109146	chr7	88049193	88049706	-	0.04326
Nmb	MmuINT0109147	chr7	88047390	88049019	-	0.143488
Nmd3	MmuINT0109150	chr3	69526045	69526330	+	0.026144
Nmd3	MmuINT0109151	chr3	69543960	69545430	+	0.009164
Nmd3	MmuINT0109152	chr3	69545577	69547437	+	0.014494
Nmd3	MmuINT0109153	chr3	69547551	69549134	+	0.039133
Nmd3	MmuINT0109154	chr3	69549208	69550650	+	0.021222
Nmd3	MmuINT0109155	chr3	69550758	69552219	+	0.020506
Nmd3	MmuINT0109156	chr3	69552291	69552693	+	0.010394
Nmd3	MmuINT0109157	chr3	69526389	69528178	+	0.01402
Nmd3	MmuINT0109158	chr3	69528314	69530282	+	0.01742
Nmd3	MmuINT0109159	chr3	69530380	69533259	+	0.017905
Nmd3	MmuINT0109160	chr3	69533341	69534326	+	0.010163
Nmd3	MmuINT0109161	chr3	69534456	69535486	+	0.01015
Nmd3	MmuINT0109162	chr3	69535578	69538967	+	0.014604
Nmd3	MmuINT0109163	chr3	69539047	69539914	+	0.024355
Nmd3	MmuINT0109164	chr3	69540012	69543841	+	0.011711
Nme1	MmuINT0109165	chr11	93827252	93829534	-	0.007477
Nme1	MmuINT0109166	chr11	93824643	93827121	-	0.012242
Nme1	MmuINT0109167	chr11	93822095	93824540	-	0.030445
Nme1	MmuINT0109168	chr11	93820828	93821981	-	0.058716
Nme3	MmuINT0109171	chr17	25033505	25033572	+	0.184908
Nme3	MmuINT0109172	chr17	25033704	25033796	+	0.047282
Nme3	MmuINT0109173	chr17	25033899	25033972	+	0.030394
Nme3	MmuINT0109174	chr17	25034086	25034158	+	0.067287
Nme4	MmuINT0109175	chr17	26231216	26232309	-	0.018555
Nme4	MmuINT0109178	chr17	26229098	26230561	-	0.033288
Nme5	MmuINT0109182	chr18	34726809	34729451	-	0.2226
Nme6	MmuINT0109184	chr9	1.1E+08	1.1E+08	+	0.248515
Nme6	MmuINT0109185	chr9	1.1E+08	1.1E+08	+	0.028472
Nme6	MmuINT0109186	chr9	1.1E+08	1.1E+08	+	0.008509

Nme6	MmuINT0109187	chr9	1.1E+08	1.1E+08	+	0.018186
Nme6	MmuINT0109188	chr9	1.1E+08	1.1E+08	+	0.022868
Nme6	MmuINT0109189	chr9	1.1E+08	1.1E+08	+	0.008394
Nme7	MmuINT0109190	chr1	1.66E+08	1.66E+08	+	0.06212
Nme7	MmuINT0109191	chr1	1.66E+08	1.66E+08	+	0.055143
Nme7	MmuINT0109192	chr1	1.66E+08	1.66E+08	+	0.058558
Nme7	MmuINT0109193	chr1	1.66E+08	1.66E+08	+	0.048972
Nme7	MmuINT0109197	chr1	1.66E+08	1.66E+08	+	0.090051
Nme7	MmuINT0109198	chr1	1.66E+08	1.66E+08	+	0.065781
Nme7	MmuINT0109199	chr1	1.66E+08	1.66E+08	+	0.076825
Nme7	MmuINT0109200	chr1	1.66E+08	1.66E+08	+	0.072714
Nme7	MmuINT0109201	chr1	1.66E+08	1.66E+08	+	0.055686
Nme7	MmuINT0109202	chr1	1.66E+08	1.66E+08	+	0.038748
Nme7	MmuINT0109203	chr1	1.66E+08	1.66E+08	+	0.967141
Nmi	MmuINT0109207	chr2	51814513	51816090	-	0.015131
Nmi	MmuINT0109208	chr2	51811609	51814416	-	0.025748
Nmi	MmuINT0109209	chr2	51808403	51811445	-	0.011649
Nmi	MmuINT0109210	chr2	51808149	51808295	-	0.013273
Nmi	MmuINT0109211	chr2	51805611	51807961	-	0.022541
Nmi	MmuINT0109212	chr2	51804297	51805503	-	0.019035
Nmnat1	MmuINT0109213	chr4	1.49E+08	1.49E+08	-	0.032988
Nmnat1	MmuINT0109214	chr4	1.49E+08	1.49E+08	-	0.005121
Nmnat1	MmuINT0109215	chr4	1.49E+08	1.49E+08	-	0.009749
Nmnat1	MmuINT0109216	chr4	1.49E+08	1.49E+08	-	0.11077
Nmnat3	MmuINT0109227	chr9	98197400	98254437	+	0.045998
Nmnat3	MmuINT0109228	chr9	98254584	98299874	+	0.008025
Nmnat3	MmuINT0109229	chr9	98300059	98303952	+	0.015211
Nmnat3	MmuINT0109230	chr9	98304033	98310495	+	0.025323
Nmral1	MmuINT0109231	chr16	4716536	4718894	-	0.050989
Nmral1	MmuINT0109234	chr16	4713831	4714416	-	0.100514
Nmral1	MmuINT0109235	chr16	4711604	4713639	-	0.202247
Nmt1	MmuINT0109245	chr11	1.03E+08	1.03E+08	+	0.00388
Nmt1	MmuINT0109246	chr11	1.03E+08	1.03E+08	+	0.00248
Nmt1	MmuINT0109247	chr11	1.03E+08	1.03E+08	+	0.01195
Nmt1	MmuINT0109248	chr11	1.03E+08	1.03E+08	+	0.006536
Nmt1	MmuINT0109249	chr11	1.03E+08	1.03E+08	+	0.005935
Nmt1	MmuINT0109250	chr11	1.03E+08	1.03E+08	+	0.005283
Nmt1	MmuINT0109251	chr11	1.03E+08	1.03E+08	+	0.004502
Nmt1	MmuINT0109252	chr11	1.03E+08	1.03E+08	+	0.00565
Nmt1	MmuINT0109253	chr11	1.03E+08	1.03E+08	+	0.008136
Nmt1	MmuINT0109254	chr11	1.03E+08	1.03E+08	+	0.015343
Nmt1	MmuINT0109255	chr11	1.03E+08	1.03E+08	+	0.00584
Nmt2	MmuINT0109256	chr2	3201679	3222083	+	0.040585
Nmt2	MmuINT0109257	chr2	3233521	3239842	+	0.03672
Nmt2	MmuINT0109258	chr2	3240014	3242102	+	0.029858
Nmt2	MmuINT0109259	chr2	3242271	3242535	+	0.041224
Nmt2	MmuINT0109260	chr2	3242674	3243342	+	0.056977
Nmt2	MmuINT0109261	chr2	3222220	3222668	+	0.162559
Nmt2	MmuINT0109263	chr2	3224305	3226738	+	0.364164
Nmt2	MmuINT0109264	chr2	3226884	3229727	+	0.032633

Nmt2	MmuINT0109265	chr2	3229847	3229933	+	0.056299
Nmt2	MmuINT0109266	chr2	3230026	3230132	+	0.130644
Nmt2	MmuINT0109267	chr2	3230250	3231965	+	0.162616
Nmt2	MmuINT0109268	chr2	3232137	3233411	+	0.024227
Nnmt	MmuINT0109285	chr9	48411667	48412909	-	0.088919
Nnmt	MmuINT0109286	chr9	48400468	48411458	-	0.144274
Nnt	MmuINT0109287	chr13	1.2E+08	1.2E+08	-	0.004083
Nnt	MmuINT0109288	chr13	1.2E+08	1.2E+08	-	0.000484
Nnt	MmuINT0109289	chr13	1.2E+08	1.2E+08	-	0.0005
Nnt	MmuINT0109290	chr13	1.2E+08	1.2E+08	-	0.000643
Nnt	MmuINT0109291	chr13	1.2E+08	1.2E+08	-	0.000466
Nnt	MmuINT0109292	chr13	1.2E+08	1.2E+08	-	0.003014
Nnt	MmuINT0109293	chr13	1.2E+08	1.2E+08	-	0.000587
Nnt	MmuINT0109294	chr13	1.2E+08	1.2E+08	-	0.000338
Nnt	MmuINT0109295	chr13	1.2E+08	1.2E+08	-	0.000437
Nnt	MmuINT0109297	chr13	1.2E+08	1.2E+08	-	0.000463
Nnt	MmuINT0109299	chr13	1.2E+08	1.2E+08	-	0.000364
Nob1	MmuINT0109300	chr8	1.1E+08	1.1E+08	-	0.020221
Nob1	MmuINT0109301	chr8	1.1E+08	1.1E+08	-	0.019722
Nob1	MmuINT0109302	chr8	1.1E+08	1.1E+08	-	0.00912
Nob1	MmuINT0109303	chr8	1.1E+08	1.1E+08	-	0.106876
Nob1	MmuINT0109304	chr8	1.1E+08	1.1E+08	-	0.047057
Nob1	MmuINT0109305	chr8	1.1E+08	1.1E+08	-	0.062159
Nob1	MmuINT0109306	chr8	1.1E+08	1.1E+08	-	0.120083
Nob1	MmuINT0109307	chr8	1.1E+08	1.1E+08	-	0.041634
Noc3l	MmuINT0109316	chr19	38892636	38893582	-	0.036518
Noc3l	MmuINT0109317	chr19	38879021	38881576	-	0.080008
Noc3l	MmuINT0109318	chr19	38873881	38878888	-	0.023942
Noc3l	MmuINT0109319	chr19	38873489	38873799	-	0.056091
Noc3l	MmuINT0109321	chr19	38870192	38870286	-	0.07097
Noc3l	MmuINT0109322	chr19	38870048	38870127	-	0.09578
Noc3l	MmuINT0109323	chr19	38869644	38869975	-	0.092813
Noc3l	MmuINT0109324	chr19	38868724	38869461	-	0.033065
Noc3l	MmuINT0109325	chr19	38867289	38868594	-	0.037813
Noc3l	MmuINT0109326	chr19	38864863	38867190	-	0.036487
Noc3l	MmuINT0109327	chr19	38890206	38892427	-	0.021954
Noc3l	MmuINT0109328	chr19	38864188	38864777	-	0.039358
Noc3l	MmuINT0109329	chr19	38889334	38890072	-	0.027858
Noc3l	MmuINT0109330	chr19	38888625	38889175	-	0.024272
Noc3l	MmuINT0109331	chr19	38886965	38888570	-	0.044305
Noc3l	MmuINT0109333	chr19	38884592	38884787	-	0.028116
Noc3l	MmuINT0109334	chr19	38882192	38884497	-	0.041971
Noc3l	MmuINT0109335	chr19	38881706	38882015	-	0.024897
Noc4l	MmuINT0109336	chr5	1.11E+08	1.11E+08	-	0.023641
Noc4l	MmuINT0109337	chr5	1.11E+08	1.11E+08	-	0.029871
Noc4l	MmuINT0109338	chr5	1.11E+08	1.11E+08	-	0.036601
Noc4l	MmuINT0109339	chr5	1.11E+08	1.11E+08	-	0.017539
Noc4l	MmuINT0109340	chr5	1.11E+08	1.11E+08	-	0.026817
Noc4l	MmuINT0109341	chr5	1.11E+08	1.11E+08	-	0.051377
Noc4l	MmuINT0109342	chr5	1.11E+08	1.11E+08	-	0.028394

Noc4l	MmuINT0109343	chr5	1.11E+08	1.11E+08	-	0.039888
Noc4l	MmuINT0109344	chr5	1.11E+08	1.11E+08	-	0.038661
Noc4l	MmuINT0109345	chr5	1.11E+08	1.11E+08	-	0.071539
Noc4l	MmuINT0109346	chr5	1.11E+08	1.11E+08	-	0.089997
Noc4l	MmuINT0109347	chr5	1.11E+08	1.11E+08	-	0.10562
Noc4l	MmuINT0109348	chr5	1.11E+08	1.11E+08	-	0.02562
Noc4l	MmuINT0109349	chr5	1.11E+08	1.11E+08	-	0.056425
Nod1	MmuINT0109351	chr6	54899748	54922262	-	0.014777
Nod1	MmuINT0109352	chr6	54878113	54880169	-	0.035082
Nod1	MmuINT0109353	chr6	54875004	54878028	-	0.033061
Nod1	MmuINT0109354	chr6	54898118	54899425	-	0.015334
Nod1	MmuINT0109355	chr6	54894950	54897942	-	0.020317
Nod1	MmuINT0109356	chr6	54889382	54893124	-	0.014582
Nod1	MmuINT0109357	chr6	54888216	54889297	-	0.228487
Nod1	MmuINT0109358	chr6	54887432	54888131	-	0.325702
Nod1	MmuINT0109359	chr6	54884473	54887347	-	0.036886
Nod1	MmuINT0109360	chr6	54883638	54884388	-	0.019463
Nod1	MmuINT0109361	chr6	54880254	54883553	-	0.135043
Nol10	MmuINT0109376	chr12	17355426	17357321	+	0.048569
Nol10	MmuINT0109377	chr12	17375194	17376271	+	0.048448
Nol10	MmuINT0109378	chr12	17376422	17380367	+	0.066458
Nol10	MmuINT0109379	chr12	17380435	17386053	+	0.040876
Nol10	MmuINT0109380	chr12	17386107	17408878	+	0.032895
Nol10	MmuINT0109381	chr12	17409006	17411776	+	0.03506
Nol10	MmuINT0109382	chr12	17411857	17412038	+	0.035388
Nol10	MmuINT0109383	chr12	17412138	17413612	+	0.028114
Nol10	MmuINT0109384	chr12	17413703	17422833	+	0.023885
Nol10	MmuINT0109385	chr12	17423005	17423519	+	0.020728
Nol10	MmuINT0109386	chr12	17423768	17431455	+	0.02638
Nol10	MmuINT0109387	chr12	17357368	17359446	+	0.04487
Nol10	MmuINT0109388	chr12	17431559	17435920	+	0.036228
Nol10	MmuINT0109389	chr12	17359546	17362042	+	0.068557
Nol10	MmuINT0109390	chr12	17362121	17363726	+	0.058981
Nol10	MmuINT0109391	chr12	17363765	17364907	+	0.050134
Nol10	MmuINT0109392	chr12	17365045	17365895	+	0.05288
Nol10	MmuINT0109393	chr12	17365962	17367939	+	0.046309
Nol10	MmuINT0109394	chr12	17368001	17369400	+	0.042357
Nol10	MmuINT0109395	chr12	17369487	17375114	+	0.091743
Nol11	MmuINT0109396	chr11	1.07E+08	1.07E+08	-	0.009417
Nol11	MmuINT0109397	chr11	1.07E+08	1.07E+08	-	0.01616
Nol11	MmuINT0109398	chr11	1.07E+08	1.07E+08	-	0.013993
Nol11	MmuINT0109399	chr11	1.07E+08	1.07E+08	-	0.006108
Nol11	MmuINT0109400	chr11	1.07E+08	1.07E+08	-	0.026426
Nol11	MmuINT0109401	chr11	1.07E+08	1.07E+08	-	0.020168
Nol11	MmuINT0109402	chr11	1.07E+08	1.07E+08	-	0.029205
Nol11	MmuINT0109403	chr11	1.07E+08	1.07E+08	-	0.011027
Nol11	MmuINT0109404	chr11	1.07E+08	1.07E+08	-	0.015213
Nol11	MmuINT0109405	chr11	1.07E+08	1.07E+08	-	0.018703
Nol11	MmuINT0109406	chr11	1.07E+08	1.07E+08	-	0.017232
Nol11	MmuINT0109407	chr11	1.07E+08	1.07E+08	-	0.018834

Nol11	MmuINT0109408	chr11	1.07E+08	1.07E+08	-	0.012446
Nol11	MmuINT0109409	chr11	1.07E+08	1.07E+08	-	0.023404
Nol11	MmuINT0109410	chr11	1.07E+08	1.07E+08	-	0.014465
Nol11	MmuINT0109411	chr11	1.07E+08	1.07E+08	-	0.01535
Nol12	MmuINT0109413	chr15	78765506	78766908	+	0.014317
Nol12	MmuINT0109414	chr15	78767015	78767563	+	0.03292
Nol12	MmuINT0109415	chr15	78767613	78768237	+	0.069603
Nol12	MmuINT0109416	chr15	78768381	78770495	+	0.012985
Nol12	MmuINT0109417	chr15	78770597	78770889	+	0.00587
Nol3	MmuINT0109418	chr8	1.08E+08	1.08E+08	+	0.004101
Nol3	MmuINT0109419	chr8	1.08E+08	1.08E+08	+	0.02573
Nol3	MmuINT0109420	chr8	1.08E+08	1.08E+08	+	0.002711
Nol6	MmuINT0109432	chr4	41070693	41071191	-	0.015004
Nol6	MmuINT0109433	chr4	41067423	41067570	-	0.026947
Nol6	MmuINT0109434	chr4	41067218	41067306	-	0.017283
Nol6	MmuINT0109435	chr4	41066910	41067039	-	0.016562
Nol6	MmuINT0109436	chr4	41066595	41066786	-	0.012692
Nol6	MmuINT0109437	chr4	41066346	41066445	-	0.020291
Nol6	MmuINT0109438	chr4	41066057	41066269	-	0.026779
Nol6	MmuINT0109439	chr4	41065800	41065915	-	0.017203
Nol6	MmuINT0109440	chr4	41065606	41065681	-	0.031623
Nol6	MmuINT0109441	chr4	41065287	41065450	-	0.025166
Nol6	MmuINT0109442	chr4	41064846	41065122	-	0.028348
Nol6	MmuINT0109443	chr4	41070409	41070491	-	0.01739
Nol6	MmuINT0109444	chr4	41064526	41064692	-	0.018462
Nol6	MmuINT0109445	chr4	41063753	41064427	-	0.057885
Nol6	MmuINT0109446	chr4	41063499	41063627	-	0.033487
Nol6	MmuINT0109447	chr4	41063112	41063408	-	0.030426
Nol6	MmuINT0109448	chr4	41062817	41062916	-	0.01453
Nol6	MmuINT0109449	chr4	41062540	41062714	-	0.020188
Nol6	MmuINT0109450	chr4	41069337	41070291	-	0.050872
Nol6	MmuINT0109451	chr4	41068981	41069156	-	0.017572
Nol6	MmuINT0109452	chr4	41068620	41068811	-	0.089021
Nol6	MmuINT0109453	chr4	41068399	41068484	-	0.019047
Nol6	MmuINT0109454	chr4	41068161	41068243	-	0.018654
Nol6	MmuINT0109455	chr4	41067816	41068039	-	0.023353
Nol6	MmuINT0109456	chr4	41067673	41067756	-	0.022706
Nol7	MmuINT0109457	chr13	43494028	43494103	+	0.038607
Nol7	MmuINT0109458	chr13	43494165	43494879	+	0.034977
Nol7	MmuINT0109459	chr13	43494939	43495961	+	0.01574
Nol7	MmuINT0109460	chr13	43495991	43496221	+	0.016725
Nol7	MmuINT0109461	chr13	43496304	43496665	+	0.009465
Nol7	MmuINT0109462	chr13	43496788	43496868	+	0.006513
Nol7	MmuINT0109463	chr13	43496947	43497130	+	0.003377
Nol8	MmuINT0109464	chr13	49748767	49748897	+	0.97915
Nol8	MmuINT0109465	chr13	49760220	49760747	+	0.014247
Nol8	MmuINT0109466	chr13	49760839	49762723	+	0.019073
Nol8	MmuINT0109467	chr13	49762860	49765077	+	0.009703
Nol8	MmuINT0109468	chr13	49765156	49767920	+	0.035298
Nol8	MmuINT0109469	chr13	49768193	49770754	+	0.008214

Nol8	MmuINT0109470	chr13	49770882	49771690	+	0.040174
Nol8	MmuINT0109471	chr13	49771759	49772123	+	0.017482
Nol8	MmuINT0109472	chr13	49772204	49773754	+	0.014726
Nol8	MmuINT0109473	chr13	49749052	49749715	+	0.022433
Nol8	MmuINT0109474	chr13	49749872	49750541	+	0.029672
Nol8	MmuINT0109475	chr13	49750605	49752043	+	0.031268
Nol8	MmuINT0109476	chr13	49752123	49754064	+	0.024213
Nol8	MmuINT0109477	chr13	49754201	49755318	+	0.029491
Nol8	MmuINT0109478	chr13	49755388	49756326	+	0.03208
Nol8	MmuINT0109479	chr13	49758145	49759422	+	0.025133
Nol8	MmuINT0109480	chr13	49759537	49760096	+	0.026034
Nol9	MmuINT0109481	chr4	1.51E+08	1.51E+08	+	0.029183
Nol9	MmuINT0109482	chr4	1.51E+08	1.51E+08	+	0.051578
Nol9	MmuINT0109483	chr4	1.51E+08	1.51E+08	+	0.091961
Nol9	MmuINT0109484	chr4	1.51E+08	1.51E+08	+	0.018403
Nol9	MmuINT0109485	chr4	1.51E+08	1.51E+08	+	0.031827
Nol9	MmuINT0109486	chr4	1.51E+08	1.51E+08	+	0.164032
Nol9	MmuINT0109487	chr4	1.51E+08	1.51E+08	+	0.090787
Nol9	MmuINT0109488	chr4	1.51E+08	1.51E+08	+	0.044601
Nol9	MmuINT0109489	chr4	1.51E+08	1.51E+08	+	0.043249
Nol9	MmuINT0109490	chr4	1.51E+08	1.51E+08	+	0.025503
Nol9	MmuINT0109491	chr4	1.51E+08	1.51E+08	+	0.034373
Nolc1	MmuINT0109493	chr19	46150640	46153192	+	0.026644
Nolc1	MmuINT0109494	chr19	46157854	46158009	+	0.010308
Nolc1	MmuINT0109495	chr19	46158117	46158240	+	0.020105
Nolc1	MmuINT0109496	chr19	46158334	46158501	+	0.002109
Nolc1	MmuINT0109497	chr19	46153512	46153620	+	0.00858
Nolc1	MmuINT0109498	chr19	46154576	46155793	+	0.013898
Nolc1	MmuINT0109499	chr19	46155913	46156030	+	0.011644
Nolc1	MmuINT0109500	chr19	46156167	46156737	+	0.015434
Nolc1	MmuINT0109501	chr19	46156867	46157005	+	0.012314
Nolc1	MmuINT0109502	chr19	46157117	46157229	+	0.017726
Nom1	MmuINT0109505	chr5	29762184	29762469	+	0.018868
Nom1	MmuINT0109506	chr5	29776232	29777568	+	0.026851
Nom1	MmuINT0109507	chr5	29762598	29764136	+	0.025673
Nom1	MmuINT0109508	chr5	29764333	29766365	+	0.023045
Nom1	MmuINT0109509	chr5	29766690	29767870	+	0.021778
Nom1	MmuINT0109510	chr5	29767982	29769033	+	0.012797
Nom1	MmuINT0109511	chr5	29769202	29769889	+	0.014217
Nom1	MmuINT0109512	chr5	29770012	29772778	+	0.015778
Nom1	MmuINT0109513	chr5	29772912	29773353	+	0.019385
Nom1	MmuINT0109514	chr5	29773486	29776121	+	0.014958
Nomo1	MmuINT0109515	chr7	53289343	53292928	+	0.004411
Nomo1	MmuINT0109516	chr7	53305746	53305915	+	0.002245
Nomo1	MmuINT0109517	chr7	53306067	53309871	+	0.005593
Nomo1	MmuINT0109518	chr7	53310047	53311964	+	0.00334
Nomo1	MmuINT0109519	chr7	53312107	53312446	+	0.002188
Nomo1	MmuINT0109520	chr7	53312579	53313785	+	0.002526
Nomo1	MmuINT0109521	chr7	53313923	53316248	+	0.004178
Nomo1	MmuINT0109522	chr7	53316337	53317138	+	0.004739



Nomo1	MmuINT0109523	chr7	53317203	53318336	+	0.003874
Nomo1	MmuINT0109524	chr7	53318433	53321531	+	0.007364
Nomo1	MmuINT0109525	chr7	53321751	53321829	+	0.002276
Nomo1	MmuINT0109526	chr7	53293019	53293912	+	0.004101
Nomo1	MmuINT0109527	chr7	53321913	53323748	+	0.002133
Nomo1	MmuINT0109528	chr7	53323909	53324041	+	0.00208
Nomo1	MmuINT0109529	chr7	53324169	53325292	+	0.002523
Nomo1	MmuINT0109530	chr7	53325407	53326144	+	0.001906
Nomo1	MmuINT0109531	chr7	53326273	53327867	+	0.001583
Nomo1	MmuINT0109532	chr7	53328010	53331444	+	0.004322
Nomo1	MmuINT0109533	chr7	53331529	53333395	+	0.002626
Nomo1	MmuINT0109534	chr7	53333507	53334860	+	0.002927
Nomo1	MmuINT0109535	chr7	53334963	53336764	+	0.00199
Nomo1	MmuINT0109536	chr7	53336885	53338604	+	0.003493
Nomo1	MmuINT0109537	chr7	53293959	53296838	+	0.004642
Nomo1	MmuINT0109538	chr7	53338698	53338972	+	0.003434
Nomo1	MmuINT0109539	chr7	53296940	53297901	+	0.002708
Nomo1	MmuINT0109540	chr7	53298009	53299600	+	0.002701
Nomo1	MmuINT0109541	chr7	53299674	53300630	+	0.003229
Nomo1	MmuINT0109542	chr7	53300784	53301218	+	0.002372
Nomo1	MmuINT0109543	chr7	53301357	53302278	+	0.002909
Nomo1	MmuINT0109544	chr7	53302369	53305639	+	0.004339
Nono	MmuINT0109545	chrX	98625102	98625831	+	0.006232
Nono	MmuINT0109553	chrX	98638831	98639615	+	0.000698
Nop10	MmuINT0109556	chr2	1.12E+08	1.12E+08	+	0.001183
Nop14	MmuINT0109557	chr5	35000659	35002499	-	0.014111
Nop14	MmuINT0109558	chr5	34989947	34991040	-	0.012421
Nop14	MmuINT0109559	chr5	34987464	34989810	-	0.051461
Nop14	MmuINT0109560	chr5	34986729	34987361	-	0.059585
Nop14	MmuINT0109561	chr5	34984132	34986574	-	0.059378
Nop14	MmuINT0109562	chr5	34983667	34983971	-	0.021521
Nop14	MmuINT0109563	chr5	34981953	34983518	-	0.033499
Nop14	MmuINT0109564	chr5	34981696	34981833	-	0.019733
Nop14	MmuINT0109565	chr5	34981301	34981539	-	0.015858
Nop14	MmuINT0109566	chr5	34999532	35000523	-	0.014969
Nop14	MmuINT0109567	chr5	34997219	34999389	-	0.012886
Nop14	MmuINT0109568	chr5	34996667	34997084	-	0.012712
Nop14	MmuINT0109569	chr5	34995068	34996531	-	0.00821
Nop14	MmuINT0109570	chr5	34994531	34994944	-	0.011826
Nop14	MmuINT0109571	chr5	34993270	34994398	-	0.010953
Nop14	MmuINT0109572	chr5	34992117	34992974	-	0.011043
Nop14	MmuINT0109573	chr5	34991127	34991985	-	0.035478
Nop16	MmuINT0109574	chr13	54691133	54691221	-	0.009347
Nop16	MmuINT0109575	chr13	54690029	54691023	-	0.00541
Nop16	MmuINT0109576	chr13	54687288	54689958	-	0.007519
Nop16	MmuINT0109577	chr13	54686786	54687180	-	0.015366
Nop2	MmuINT0109578	chr6	1.25E+08	1.25E+08	+	0.019247
Nop2	MmuINT0109579	chr6	1.25E+08	1.25E+08	+	0.019693
Nop2	MmuINT0109580	chr6	1.25E+08	1.25E+08	+	0.017763
Nop2	MmuINT0109581	chr6	1.25E+08	1.25E+08	+	0.011689

Nop2	MmuINT0109582	chr6	1.25E+08	1.25E+08	+	0.021506
Nop2	MmuINT0109583	chr6	1.25E+08	1.25E+08	+	0.04193
Nop2	MmuINT0109584	chr6	1.25E+08	1.25E+08	+	0.120907
Nop2	MmuINT0109585	chr6	1.25E+08	1.25E+08	+	0.014939
Nop2	MmuINT0109586	chr6	1.25E+08	1.25E+08	+	0.017167
Nop2	MmuINT0109587	chr6	1.25E+08	1.25E+08	+	0.012708
Nop2	MmuINT0109588	chr6	1.25E+08	1.25E+08	+	0.025738
Nop2	MmuINT0109589	chr6	1.25E+08	1.25E+08	+	0.01613
Nop2	MmuINT0109590	chr6	1.25E+08	1.25E+08	+	0.022852
Nop2	MmuINT0109591	chr6	1.25E+08	1.25E+08	+	0.011378
Nop2	MmuINT0109592	chr6	1.25E+08	1.25E+08	+	0.036096
Nop56	MmuINT0109593	chr2	1.3E+08	1.3E+08	+	0.037202
Nop56	MmuINT0109596	chr2	1.3E+08	1.3E+08	+	0.013085
Nop56	MmuINT0109597	chr2	1.3E+08	1.3E+08	+	0.011021
Nop56	MmuINT0109598	chr2	1.3E+08	1.3E+08	+	0.007634
Nop56	MmuINT0109599	chr2	1.3E+08	1.3E+08	+	0.050706
Nop56	MmuINT0109600	chr2	1.3E+08	1.3E+08	+	0.181321
Nop56	MmuINT0109601	chr2	1.3E+08	1.3E+08	+	0.160061
Nop56	MmuINT0109602	chr2	1.3E+08	1.3E+08	+	0.229461
Nop58	MmuINT0109604	chr1	59742071	59747329	+	0.013669
Nop58	MmuINT0109605	chr1	59762601	59763476	+	0.009557
Nop58	MmuINT0109606	chr1	59763612	59763846	+	0.007535
Nop58	MmuINT0109607	chr1	59763909	59765846	+	0.011265
Nop58	MmuINT0109608	chr1	59765981	59767338	+	0.028153
Nop58	MmuINT0109609	chr1	59767497	59768114	+	0.011611
Nop58	MmuINT0109610	chr1	59747407	59749180	+	0.024664
Nop58	MmuINT0109611	chr1	59749234	59752821	+	0.020234
Nop58	MmuINT0109612	chr1	59752944	59755166	+	0.011234
Nop58	MmuINT0109613	chr1	59755304	59757728	+	0.011749
Nop58	MmuINT0109614	chr1	59757794	59759656	+	0.012246
Nop58	MmuINT0109615	chr1	59759792	59760906	+	0.022866
Nop58	MmuINT0109616	chr1	59761053	59761467	+	0.015558
Nop58	MmuINT0109617	chr1	59761595	59762436	+	0.008505
Nos1ap	MmuINT0109650	chr1	1.72E+08	1.72E+08	-	0.04314
Nos2	MmuINT0109655	chr11	78753656	78753749	+	0.033687
Nos2	MmuINT0109656	chr11	78753852	78758161	+	0.045927
Nos2	MmuINT0109657	chr11	78758357	78758733	+	0.054891
Nos2	MmuINT0109658	chr11	78758817	78759140	+	0.046115
Nos2	MmuINT0109659	chr11	78759286	78759370	+	0.045056
Nos2	MmuINT0109661	chr11	78761399	78761714	+	0.046203
Nos2	MmuINT0109662	chr11	78761890	78762584	+	0.04103
Nos2	MmuINT0109663	chr11	78762718	78763115	+	0.043166
Nos2	MmuINT0109664	chr11	78763195	78763457	+	0.037874
Nos2	MmuINT0109666	chr11	78763640	78764596	+	0.050508
Nos2	MmuINT0109667	chr11	78764761	78766304	+	0.035955
Nos2	MmuINT0109668	chr11	78766513	78768396	+	0.029143
Nos2	MmuINT0109669	chr11	78768485	78768841	+	0.033894
Nos2	MmuINT0109670	chr11	78768964	78769997	+	0.039559
Nos2	MmuINT0109671	chr11	78770147	78770911	+	0.038132
Nos2	MmuINT0109672	chr11	78771107	78773155	+	0.087608

Nos2	MmuINT0109675	chr11	78745231	78748853	+	0.058358
Nos2	MmuINT0109677	chr11	78749997	78751062	+	0.036802
Nos3	MmuINT0109680	chr5	23870820	23872577	+	0.049046
Nos3	MmuINT0109681	chr5	23877618	23877719	+	0.139171
Nos3	MmuINT0109682	chr5	23877794	23877944	+	0.176502
Nos3	MmuINT0109683	chr5	23878090	23878451	+	0.011704
Nos3	MmuINT0109684	chr5	23878557	23883098	+	0.035561
Nos3	MmuINT0109685	chr5	23883167	23883410	+	0.03211
Nos3	MmuINT0109686	chr5	23883528	23883628	+	0.213747
Nos3	MmuINT0109687	chr5	23883804	23885526	+	0.054462
Nos3	MmuINT0109688	chr5	23885660	23885766	+	0.015505
Nos3	MmuINT0109689	chr5	23885846	23885990	+	0.025468
Nos3	MmuINT0109690	chr5	23886179	23886687	+	0.025975
Nos3	MmuINT0109691	chr5	23872681	23873015	+	0.021003
Nos3	MmuINT0109692	chr5	23886861	23887181	+	0.114775
Nos3	MmuINT0109693	chr5	23887393	23887471	+	0.026548
Nos3	MmuINT0109694	chr5	23887560	23888342	+	0.054905
Nos3	MmuINT0109695	chr5	23888465	23889077	+	0.016043
Nos3	MmuINT0109696	chr5	23889227	23889347	+	0.061848
Nos3	MmuINT0109697	chr5	23889543	23889635	+	0.012215
Nos3	MmuINT0109698	chr5	23873165	23873298	+	0.014562
Nos3	MmuINT0109699	chr5	23873462	23874636	+	0.047129
Nos3	MmuINT0109700	chr5	23874729	23874807	+	0.057536
Nos3	MmuINT0109701	chr5	23874950	23875615	+	0.020975
Nos3	MmuINT0109702	chr5	23875756	23875838	+	0.038512
Nos3	MmuINT0109703	chr5	23876014	23876605	+	0.029193
Nos3	MmuINT0109704	chr5	23876708	23877422	+	0.013578
Nosip	MmuINT0109705	chr7	52317902	52328859	+	0.030067
Nosip	MmuINT0109706	chr7	52328935	52329351	+	0.010999
Nosip	MmuINT0109707	chr7	52329458	52329975	+	0.011843
Nosip	MmuINT0109708	chr7	52330058	52331438	+	0.039612
Nosip	MmuINT0109709	chr7	52331599	52331679	+	0.023005
Nosip	MmuINT0109710	chr7	52332110	52332190	+	0.012438
Nosip	MmuINT0109711	chr7	52332300	52332681	+	0.007155
Nostrin	MmuINT0109713	chr2	68973974	68982826	+	0.030481
Nostrin	MmuINT0109714	chr2	69013886	69017441	+	0.019379
Nostrin	MmuINT0109715	chr2	69017551	69018887	+	0.097798
Nostrin	MmuINT0109716	chr2	69018977	69020883	+	0.048181
Nostrin	MmuINT0109717	chr2	69021010	69021937	+	0.05207
Nostrin	MmuINT0109718	chr2	69022053	69023515	+	0.076598
Nostrin	MmuINT0109719	chr2	69023606	69027053	+	0.3
Nostrin	MmuINT0109720	chr2	68982913	68990391	+	0.041887
Nostrin	MmuINT0109721	chr2	68990476	68994169	+	0.079505
Nostrin	MmuINT0109722	chr2	68994233	68994429	+	0.030896
Nostrin	MmuINT0109724	chr2	68996889	68999126	+	0.036555
Nostrin	MmuINT0109725	chr2	68999226	69003938	+	0.023985
Nostrin	MmuINT0109726	chr2	69004065	69013563	+	0.047437
Nostrin	MmuINT0109727	chr2	69013663	69013759	+	0.027049
Notch1	MmuINT0109730	chr2	26333511	26333589	-	0.023842
Notch1	MmuINT0109736	chr2	26328533	26329200	-	0.026465

Notch1	MmuINT0109737	chr2	26327793	26328303	-	0.050498
Notch1	MmuINT0109738	chr2	26326826	26327590	-	0.02773
Notch1	MmuINT0109740	chr2	26326527	26326671	-	0.039977
Notch1	MmuINT0109744	chr2	26324324	26325124	-	0.041119
Notch1	MmuINT0109745	chr2	26323551	26323751	-	0.021876
Notch1	MmuINT0109746	chr2	26322136	26323148	-	0.034417
Notch1	MmuINT0109747	chr2	26321087	26321986	-	0.116111
Notch1	MmuINT0109748	chr2	26320671	26320869	-	0.031126
Notch1	MmuINT0109749	chr2	26320492	26320582	-	0.064433
Notch1	MmuINT0109751	chr2	26319526	26320325	-	0.049899
Notch1	MmuINT0109752	chr2	26318010	26319229	-	0.045299
Notch1	MmuINT0109753	chr2	26317766	26317861	-	0.02843
Notch1	MmuINT0109754	chr2	26316497	26317667	-	0.03433
Notch2	MmuINT0109765	chr3	97915666	97916932	+	0.038234
Notch2	MmuINT0109768	chr3	97920744	97921115	+	0.15339
Notch2	MmuINT0109770	chr3	97924879	97925826	+	0.053297
Notch2	MmuINT0109771	chr3	97926029	97927667	+	0.069839
Notch2	MmuINT0109773	chr3	97927822	97928071	+	0.072532
Notch2	MmuINT0109775	chr3	97930168	97935120	+	0.05752
Notch2	MmuINT0109777	chr3	97938595	97939248	+	0.061866
Notch2	MmuINT0109778	chr3	97939755	97941197	+	0.077564
Notch2	MmuINT0109779	chr3	97941552	97942308	+	0.034293
Notch2	MmuINT0109780	chr3	97942452	97942564	+	0.033711
Notch2	MmuINT0109781	chr3	97942776	97943508	+	0.038841
Notch2	MmuINT0109782	chr3	97943606	97945386	+	0.045176
Notch2	MmuINT0109783	chr3	97875043	97876509	+	0.055881
Notch2	MmuINT0109784	chr3	97945553	97946815	+	0.039048
Notch2	MmuINT0109785	chr3	97947118	97948284	+	0.042039
Notch2	MmuINT0109786	chr3	97948433	97949044	+	0.051784
Notch2	MmuINT0109787	chr3	97949143	97949975	+	0.050472
Notch2	MmuINT0109788	chr3	97876846	97885839	+	0.049458
Notch3	MmuINT0109795	chr17	32290932	32291258	-	0.037244
Notch3	MmuINT0109796	chr17	32290581	32290697	-	0.030526
Notch3	MmuINT0109798	chr17	32288383	32288460	-	0.028493
Notch3	MmuINT0109803	chr17	32284074	32284206	-	0.038749
Notch3	MmuINT0109804	chr17	32283537	32283925	-	0.033061
Notch3	MmuINT0109806	chr17	32281780	32283351	-	0.063792
Notch3	MmuINT0109807	chr17	32281570	32281646	-	0.031849
Notch3	MmuINT0109808	chr17	32281232	32281311	-	0.052738
Notch3	MmuINT0109809	chr17	32280755	32281112	-	0.049964
Notch3	MmuINT0109810	chr17	32278495	32280188	-	0.039582
Notch3	MmuINT0109811	chr17	32276745	32278161	-	0.034151
Notch3	MmuINT0109814	chr17	32272493	32274760	-	0.052367
Notch3	MmuINT0109815	chr17	32270638	32272329	-	0.028719
Notch3	MmuINT0109817	chr17	32269295	32270332	-	0.122292
Notch3	MmuINT0109818	chr17	32261325	32269146	-	0.233673
Notch3	MmuINT0109819	chr17	32259806	32261226	-	0.235471
Notch3	MmuINT0109821	chr17	32295070	32295155	-	0.031767
Notch3	MmuINT0109823	chr17	32293089	32293196	-	0.062541
Notch3	MmuINT0109825	chr17	32291373	32291682	-	0.034404

Notch4	MmuINT0109826	chr17	34701455	34702245	+	0.035904
Notch4	MmuINT0109827	chr17	34709555	34709622	+	0.062108
Notch4	MmuINT0109828	chr17	34709746	34710693	+	0.018013
Notch4	MmuINT0109829	chr17	34710854	34712007	+	0.024054
Notch4	MmuINT0109830	chr17	34712154	34712351	+	0.022393
Notch4	MmuINT0109831	chr17	34712505	34713353	+	0.057496
Notch4	MmuINT0109832	chr17	34713472	34713713	+	0.037194
Notch4	MmuINT0109833	chr17	34713802	34714362	+	0.031526
Notch4	MmuINT0109834	chr17	34714514	34714892	+	0.018734
Notch4	MmuINT0109835	chr17	34715078	34717864	+	0.062046
Notch4	MmuINT0109836	chr17	34718118	34718323	+	0.022688
Notch4	MmuINT0109837	chr17	34702328	34702417	+	0.025095
Notch4	MmuINT0109838	chr17	34718437	34719343	+	0.016422
Notch4	MmuINT0109839	chr17	34719868	34720294	+	0.131932
Notch4	MmuINT0109840	chr17	34720679	34720773	+	0.057051
Notch4	MmuINT0109841	chr17	34720950	34721356	+	0.126382
Notch4	MmuINT0109842	chr17	34721577	34721725	+	0.073254
Notch4	MmuINT0109843	chr17	34721796	34721935	+	0.014716
Notch4	MmuINT0109844	chr17	34722075	34722849	+	0.050197
Notch4	MmuINT0109845	chr17	34723155	34723471	+	0.04351
Notch4	MmuINT0109846	chr17	34723620	34724061	+	0.133416
Notch4	MmuINT0109847	chr17	34724160	34724318	+	0.03046
Notch4	MmuINT0109848	chr17	34702714	34704286	+	0.013703
Notch4	MmuINT0109849	chr17	34704635	34705108	+	0.01797
Notch4	MmuINT0109850	chr17	34705232	34705337	+	0.021586
Notch4	MmuINT0109851	chr17	34705575	34705661	+	0.015215
Notch4	MmuINT0109852	chr17	34705818	34706979	+	0.018776
Notch4	MmuINT0109853	chr17	34707175	34708681	+	0.048492
Notch4	MmuINT0109854	chr17	34708796	34709440	+	0.041918
Nova1	MmuINT0109874	chr12	47814557	47821676	-	0.071858
Nova2	MmuINT0109877	chr7	19527709	19535801	+	0.03301
Nova2	MmuINT0109878	chr7	19535969	19542884	+	0.089111
Noxo1	MmuINT0109934	chr17	24835807	24835889	+	0.649877
Noxo1	MmuINT0109935	chr17	24836068	24836213	+	0.060497
Npas2	MmuINT0109962	chr1	39416669	39418699	+	0.060663
Npat	MmuINT0109992	chr9	53371782	53374821	+	0.053183
Npat	MmuINT0109993	chr9	53374938	53375020	+	0.096146
Npat	MmuINT0109994	chr9	53375130	53377991	+	0.21006
Npat	MmuINT0109995	chr9	53378053	53378151	+	0.343057
Npat	MmuINT0109996	chr9	53379284	53380675	+	0.083885
Npc1	MmuINT0110006	chr18	12381665	12394689	-	0.016301
Npc1	MmuINT0110007	chr18	12363383	12366815	-	0.015518
Npc1	MmuINT0110008	chr18	12360820	12363279	-	0.017203
Npc1	MmuINT0110009	chr18	12360256	12360629	-	0.011896
Npc1	MmuINT0110010	chr18	12359402	12360072	-	0.007958
Npc1	MmuINT0110011	chr18	12358236	12359286	-	0.01357
Npc1	MmuINT0110012	chr18	12358023	12358107	-	0.009497
Npc1	MmuINT0110013	chr18	12357107	12357881	-	0.020701
Npc1	MmuINT0110014	chr18	12356659	12357016	-	0.029938
Npc1	MmuINT0110015	chr18	12355807	12356467	-	0.009633

Npc1	MmuINT0110016	chr18	12355123	12355690	-	0.031107
Npc1	MmuINT0110017	chr18	12380422	12381541	-	0.013343
Npc1	MmuINT0110018	chr18	12353719	12354992	-	0.023195
Npc1	MmuINT0110019	chr18	12352804	12353517	-	0.017935
Npc1	MmuINT0110020	chr18	12351917	12352571	-	0.013705
Npc1	MmuINT0110021	chr18	12350356	12351802	-	0.013471
Npc1	MmuINT0110022	chr18	12349512	12350192	-	0.00885
Npc1	MmuINT0110023	chr18	12377863	12380314	-	0.015625
Npc1	MmuINT0110024	chr18	12373008	12377686	-	0.011118
Npc1	MmuINT0110025	chr18	12372016	12372839	-	0.010975
Npc1	MmuINT0110026	chr18	12370778	12371765	-	0.019117
Npc1	MmuINT0110027	chr18	12370366	12370703	-	0.012689
Npc1	MmuINT0110028	chr18	12369118	12369994	-	0.00702
Npc1	MmuINT0110029	chr18	12366917	12368890	-	0.018391
Npc2	MmuINT0110048	chr12	86106335	86113735	-	0.002216
Npc2	MmuINT0110049	chr12	86101843	86106226	-	0.010843
Npc2	MmuINT0110050	chr12	86098163	86101669	-	0.004552
Npdc1	MmuINT0110052	chr2	25258886	25261734	+	0.034503
Npdc1	MmuINT0110053	chr2	25261882	25263115	+	0.361059
Npdc1	MmuINT0110054	chr2	25263257	25263360	+	0.049219
Npdc1	MmuINT0110055	chr2	25263535	25263633	+	0.020872
Npdc1	MmuINT0110056	chr2	25263701	25263779	+	0.049256
Npdc1	MmuINT0110057	chr2	25263868	25264126	+	0.020611
Npdc1	MmuINT0110058	chr2	25264207	25264424	+	0.160005
Npdc1	MmuINT0110059	chr2	25264522	25264618	+	0.036679
Npepl1	MmuINT0110060	chr2	1.74E+08	1.74E+08	+	0.004356
Npepl1	MmuINT0110061	chr2	1.74E+08	1.74E+08	+	0.021949
Npepl1	MmuINT0110062	chr2	1.74E+08	1.74E+08	+	0.008781
Npepl1	MmuINT0110063	chr2	1.74E+08	1.74E+08	+	0.005654
Npepl1	MmuINT0110064	chr2	1.74E+08	1.74E+08	+	0.028244
Npepl1	MmuINT0110065	chr2	1.74E+08	1.74E+08	+	0.014052
Npepl1	MmuINT0110066	chr2	1.74E+08	1.74E+08	+	0.004064
Npepl1	MmuINT0110067	chr2	1.74E+08	1.74E+08	+	0.013696
Npepl1	MmuINT0110068	chr2	1.74E+08	1.74E+08	+	0.021389
Npepl1	MmuINT0110069	chr2	1.74E+08	1.74E+08	+	0.028962
Npepl1	MmuINT0110070	chr2	1.74E+08	1.74E+08	+	0.098919
Npepps	MmuINT0110071	chr11	97128994	97141514	-	0.005195
Npepps	MmuINT0110072	chr11	97097484	97099407	-	0.01531
Npepps	MmuINT0110074	chr11	97093313	97096368	-	0.003872
Npepps	MmuINT0110075	chr11	97091208	97093202	-	0.003474
Npepps	MmuINT0110076	chr11	97088183	97091143	-	0.005834
Npepps	MmuINT0110077	chr11	97086108	97088042	-	0.002641
Npepps	MmuINT0110078	chr11	97084485	97085972	-	0.002114
Npepps	MmuINT0110079	chr11	97079965	97084264	-	0.001872
Npepps	MmuINT0110080	chr11	97079162	97079821	-	0.005046
Npepps	MmuINT0110081	chr11	97075193	97079104	-	0.003682
Npepps	MmuINT0110082	chr11	97119666	97128908	-	0.00491
Npepps	MmuINT0110083	chr11	97074502	97075084	-	0.012542
Npepps	MmuINT0110084	chr11	97073642	97074345	-	0.023526
Npepps	MmuINT0110085	chr11	97068583	97073593	-	0.018084

Npepps	MmuINT0110086	chr11	97109638	97119587	-	0.005096
Npepps	MmuINT0110087	chr11	97105850	97109515	-	0.005598
Npepps	MmuINT0110088	chr11	97104118	97105741	-	0.005614
Npepps	MmuINT0110089	chr11	97103362	97103916	-	0.006458
Npepps	MmuINT0110091	chr11	97102358	97103117	-	0.014275
Npepps	MmuINT0110092	chr11	97099573	97102242	-	0.017511
Npff	MmuINT0110093	chr15	1.02E+08	1.02E+08	-	0.868965
Npff	MmuINT0110094	chr15	1.02E+08	1.02E+08	-	0.060017
Nphp1	MmuINT0110101	chr2	1.28E+08	1.28E+08	-	0.031094
Nphp1	MmuINT0110102	chr2	1.28E+08	1.28E+08	-	0.016108
Nphp1	MmuINT0110103	chr2	1.28E+08	1.28E+08	-	0.022652
Nphp1	MmuINT0110104	chr2	1.28E+08	1.28E+08	-	0.025941
Nphp1	MmuINT0110105	chr2	1.28E+08	1.28E+08	-	0.026631
Nphp1	MmuINT0110106	chr2	1.28E+08	1.28E+08	-	0.034942
Nphp1	MmuINT0110107	chr2	1.28E+08	1.28E+08	-	0.020529
Nphp1	MmuINT0110108	chr2	1.28E+08	1.28E+08	-	0.027998
Nphp1	MmuINT0110109	chr2	1.28E+08	1.28E+08	-	0.018135
Nphp1	MmuINT0110110	chr2	1.28E+08	1.28E+08	-	0.049101
Nphp1	MmuINT0110111	chr2	1.28E+08	1.28E+08	-	0.025586
Nphp1	MmuINT0110112	chr2	1.28E+08	1.28E+08	-	0.020978
Nphp1	MmuINT0110113	chr2	1.28E+08	1.28E+08	-	0.022533
Nphp1	MmuINT0110114	chr2	1.28E+08	1.28E+08	-	0.011125
Nphp1	MmuINT0110115	chr2	1.28E+08	1.28E+08	-	0.017048
Nphp1	MmuINT0110116	chr2	1.28E+08	1.28E+08	-	0.017756
Nphp1	MmuINT0110117	chr2	1.28E+08	1.28E+08	-	0.051042
Nphp1	MmuINT0110118	chr2	1.28E+08	1.28E+08	-	0.024882
Nphp1	MmuINT0110119	chr2	1.28E+08	1.28E+08	-	0.038271
Nphp3	MmuINT0110133	chr9	1.04E+08	1.04E+08	+	0.076135
Nphp3	MmuINT0110135	chr9	1.04E+08	1.04E+08	+	0.05234
Nploc4	MmuINT0110220	chr11	1.2E+08	1.2E+08	-	0.00798
Nploc4	MmuINT0110221	chr11	1.2E+08	1.2E+08	-	0.005439
Nploc4	MmuINT0110222	chr11	1.2E+08	1.2E+08	-	0.005332
Nploc4	MmuINT0110223	chr11	1.2E+08	1.2E+08	-	0.005175
Nploc4	MmuINT0110225	chr11	1.2E+08	1.2E+08	-	0.011157
Nploc4	MmuINT0110226	chr11	1.2E+08	1.2E+08	-	0.006912
Nploc4	MmuINT0110227	chr11	1.2E+08	1.2E+08	-	0.006704
Nploc4	MmuINT0110228	chr11	1.2E+08	1.2E+08	-	0.005985
Nploc4	MmuINT0110229	chr11	1.2E+08	1.2E+08	-	0.006421
Nploc4	MmuINT0110230	chr11	1.2E+08	1.2E+08	-	0.004741
Nploc4	MmuINT0110231	chr11	1.2E+08	1.2E+08	-	0.017401
Nploc4	MmuINT0110232	chr11	1.2E+08	1.2E+08	-	0.005037
Nploc4	MmuINT0110233	chr11	1.2E+08	1.2E+08	-	0.003773
Nploc4	MmuINT0110234	chr11	1.2E+08	1.2E+08	-	0.007184
Nppa	MmuINT0110271	chr4	1.47E+08	1.47E+08	+	0.000761
Nppa	MmuINT0110272	chr4	1.47E+08	1.47E+08	+	0.004097
Nppb	MmuINT0110273	chr4	1.47E+08	1.47E+08	+	0.009792
Nppb	MmuINT0110274	chr4	1.47E+08	1.47E+08	+	0.023824
Npr1	MmuINT0110278	chr3	90262659	90262966	-	0.296396
Npr1	MmuINT0110280	chr3	90262151	90262243	-	0.053451
Npr1	MmuINT0110281	chr3	90261399	90261993	-	0.03421

Npr1	MmuINT0110282	chr3	90261000	90261242	-	0.113874
Npr1	MmuINT0110283	chr3	90260232	90260830	-	0.113184
Npr1	MmuINT0110284	chr3	90259942	90260084	-	0.059128
Npr1	MmuINT0110285	chr3	90259692	90259817	-	0.09558
Npr1	MmuINT0110286	chr3	90259189	90259622	-	0.076966
Npr1	MmuINT0110287	chr3	90258839	90259013	-	0.10594
Npr1	MmuINT0110288	chr3	90267171	90267732	-	0.034832
Npr1	MmuINT0110289	chr3	90255320	90258739	-	0.028708
Npr1	MmuINT0110290	chr3	90255105	90255227	-	0.020385
Npr1	MmuINT0110291	chr3	90266626	90267056	-	0.361504
Npr1	MmuINT0110292	chr3	90266180	90266489	-	0.017952
Npr1	MmuINT0110293	chr3	90265423	90266087	-	0.032919
Npr1	MmuINT0110294	chr3	90265097	90265286	-	0.027492
Npr1	MmuINT0110295	chr3	90263976	90265011	-	0.196419
Npr1	MmuINT0110296	chr3	90263320	90263854	-	0.210005
Npr1	MmuINT0110297	chr3	90263045	90263244	-	0.144719
Npr2	MmuINT0110298	chr4	43645724	43646396	+	0.025123
Npr2	MmuINT0110299	chr4	43656556	43656954	+	0.122531
Npr2	MmuINT0110300	chr4	43657060	43657179	+	0.0082
Npr2	MmuINT0110301	chr4	43657252	43659412	+	0.023767
Npr2	MmuINT0110302	chr4	43659573	43659787	+	0.018454
Npr2	MmuINT0110303	chr4	43659944	43660020	+	0.045232
Npr2	MmuINT0110304	chr4	43660190	43660342	+	0.040401
Npr2	MmuINT0110305	chr4	43660490	43660948	+	0.03356
Npr2	MmuINT0110306	chr4	43661073	43661218	+	0.010877
Npr2	MmuINT0110307	chr4	43661288	43663020	+	0.008251
Npr2	MmuINT0110308	chr4	43663196	43663265	+	0.017018
Npr2	MmuINT0110309	chr4	43646603	43653011	+	0.018265
Npr2	MmuINT0110310	chr4	43663365	43663579	+	0.010838
Npr2	MmuINT0110311	chr4	43663672	43663784	+	0.006602
Npr2	MmuINT0110312	chr4	43653126	43653407	+	0.004192
Npr2	MmuINT0110313	chr4	43653544	43653790	+	0.006877
Npr2	MmuINT0110314	chr4	43653886	43654065	+	0.115519
Npr2	MmuINT0110315	chr4	43654199	43654420	+	0.057448
Npr2	MmuINT0110316	chr4	43654506	43655925	+	0.005272
Npr2	MmuINT0110317	chr4	43656047	43656206	+	0.010453
Npr2	MmuINT0110318	chr4	43656282	43656477	+	0.014164
Nprl2	MmuINT0110325	chr9	1.07E+08	1.07E+08	+	0.012086
Nprl2	MmuINT0110326	chr9	1.07E+08	1.07E+08	+	0.022604
Nprl2	MmuINT0110327	chr9	1.07E+08	1.07E+08	+	0.013185
Nprl2	MmuINT0110328	chr9	1.07E+08	1.07E+08	+	0.011792
Nprl2	MmuINT0110329	chr9	1.07E+08	1.07E+08	+	0.048123
Nprl2	MmuINT0110330	chr9	1.07E+08	1.07E+08	+	0.010555
Nprl2	MmuINT0110331	chr9	1.07E+08	1.07E+08	+	0.03706
Nprl2	MmuINT0110332	chr9	1.07E+08	1.07E+08	+	0.098088
Nprl2	MmuINT0110333	chr9	1.07E+08	1.07E+08	+	0.04139
Nprl2	MmuINT0110334	chr9	1.07E+08	1.07E+08	+	0.127811
Nprl3	MmuINT0110335	chr11	32163095	32167422	-	0.016621
Nprl3	MmuINT0110336	chr11	32134922	32136787	-	0.064371
Nprl3	MmuINT0110337	chr11	32134097	32134731	-	0.125313



Nprl3	MmuINT0110338	chr11	32133117	32133903	-	0.016809
Nprl3	MmuINT0110339	chr11	32155569	32163024	-	0.028293
Nprl3	MmuINT0110340	chr11	32153950	32155438	-	0.013542
Nprl3	MmuINT0110341	chr11	32150279	32153874	-	0.010894
Nprl3	MmuINT0110342	chr11	32148227	32150124	-	0.009788
Nprl3	MmuINT0110343	chr11	32141936	32148144	-	0.016172
Nprl3	MmuINT0110344	chr11	32139954	32141797	-	0.014948
Nprl3	MmuINT0110345	chr11	32137407	32139796	-	0.024657
Nprl3	MmuINT0110346	chr11	32136918	32137299	-	0.046957
Nptn	MmuINT0110358	chr9	58430334	58471493	+	0.001917
Nptn	MmuINT0110359	chr9	58471663	58475640	+	0.001975
Nptn	MmuINT0110360	chr9	58475736	58488475	+	0.00224
Nptn	MmuINT0110361	chr9	58488610	58491335	+	0.001717
Nptn	MmuINT0110362	chr9	58491610	58498303	+	0.433876
Nptn	MmuINT0110363	chr9	58498326	58499064	+	0.005043
Nptn	MmuINT0110364	chr9	58499140	58499665	+	0.009275
Nqo1	MmuINT0110388	chr8	1.1E+08	1.1E+08	-	0.001979
Nqo1	MmuINT0110389	chr8	1.1E+08	1.1E+08	-	0.002929
Nqo1	MmuINT0110390	chr8	1.1E+08	1.1E+08	-	0.004418
Nqo1	MmuINT0110391	chr8	1.1E+08	1.1E+08	-	0.007217
Nqo1	MmuINT0110392	chr8	1.1E+08	1.1E+08	-	0.017895
Nqo2	MmuINT0110396	chr13	34056670	34057913	+	0.021888
Nqo2	MmuINT0110397	chr13	34057996	34060058	+	0.015904
Nqo2	MmuINT0110398	chr13	34060147	34064180	+	0.007634
Nqo2	MmuINT0110399	chr13	34064346	34071400	+	0.004133
Nqo2	MmuINT0110400	chr13	34071532	34073293	+	0.010177
Nqo2	MmuINT0110401	chr13	34073408	34074316	+	0.012471
Nqo2	MmuINT0110402	chr13	34074419	34077184	+	0.00831
Nr0b2	MmuINT0110404	chr4	1.33E+08	1.33E+08	+	0.055949
Nr1d1	MmuINT0110405	chr11	98633449	98636031	-	0.010247
Nr1d1	MmuINT0110406	chr11	98632840	98633106	-	0.010308
Nr1d1	MmuINT0110407	chr11	98632659	98632750	-	0.012743
Nr1d1	MmuINT0110408	chr11	98632146	98632513	-	0.039595
Nr1d1	MmuINT0110409	chr11	98631203	98631501	-	0.063153
Nr1d1	MmuINT0110410	chr11	98630574	98631016	-	0.033465
Nr1d1	MmuINT0110411	chr11	98629734	98630362	-	0.377014
Nr1d2	MmuINT0110412	chr14	19054768	19071324	-	0.007067
Nr1d2	MmuINT0110414	chr14	19049309	19052481	-	0.011128
Nr1d2	MmuINT0110415	chr14	19048008	19049163	-	0.004864
Nr1d2	MmuINT0110416	chr14	19044479	19047387	-	0.175701
Nr1d2	MmuINT0110417	chr14	19040644	19044292	-	0.002811
Nr1h2	MmuINT0110420	chr7	51808128	51808948	-	0.143163
Nr1h2	MmuINT0110421	chr7	51807991	51808066	-	0.050563
Nr1h2	MmuINT0110422	chr7	51807616	51807876	-	0.365479
Nr1h2	MmuINT0110423	chr7	51807230	51807324	-	0.014299
Nr1h2	MmuINT0110424	chr7	51806868	51806969	-	0.030548
Nr1h2	MmuINT0110425	chr7	51806215	51806687	-	0.031714
Nr1h2	MmuINT0110426	chr7	51805879	51806114	-	0.045714
Nr1h2	MmuINT0110427	chr7	51805502	51805669	-	0.015484
Nr1h3	MmuINT0110429	chr2	91032900	91033773	-	0.021536

Nr1h3	MmuINT0110430	chr2	91032213	91032716	-	0.022086
Nr1h3	MmuINT0110431	chr2	91031105	91031945	-	0.01904
Nr1h3	MmuINT0110432	chr2	91030799	91030895	-	0.061148
Nr1h3	MmuINT0110433	chr2	91030442	91030618	-	0.069534
Nr1h3	MmuINT0110434	chr2	91025213	91030341	-	0.079342
Nr1h3	MmuINT0110435	chr2	91024907	91025098	-	0.033322
Nr1h3	MmuINT0110436	chr2	91024640	91024811	-	0.046653
Nr2c1	MmuINT0110468	chr10	93610848	93619651	+	0.027455
Nr2c1	MmuINT0110470	chr10	93651034	93653363	+	0.043309
Nr2c1	MmuINT0110471	chr10	93653502	93655579	+	0.084558
Nr2c1	MmuINT0110472	chr10	93655686	93657921	+	0.134112
Nr2c1	MmuINT0110476	chr10	93628343	93630154	+	0.026859
Nr2c1	MmuINT0110477	chr10	93630303	93630382	+	0.042483
Nr2c1	MmuINT0110478	chr10	93630474	93633793	+	0.029606
Nr2c1	MmuINT0110479	chr10	93633979	93634722	+	0.047828
Nr2c1	MmuINT0110480	chr10	93634883	93644238	+	0.047836
Nr2c2	MmuINT0110482	chr6	92109384	92110312	+	0.023497
Nr2c2	MmuINT0110483	chr6	92110435	92111906	+	0.035314
Nr2c2	MmuINT0110484	chr6	92112047	92113114	+	0.024206
Nr2c2	MmuINT0110485	chr6	92113253	92114181	+	0.047903
Nr2c2	MmuINT0110486	chr6	92114288	92117452	+	0.094276
Nr2c2	MmuINT0110487	chr6	92089021	92089773	+	0.052723
Nr2c2	MmuINT0110488	chr6	92089885	92099597	+	0.029443
Nr2c2	MmuINT0110489	chr6	92099799	92102308	+	0.02574
Nr2c2	MmuINT0110490	chr6	92102412	92104328	+	0.0829
Nr2c2	MmuINT0110491	chr6	92104509	92106565	+	0.040992
Nr2c2	MmuINT0110492	chr6	92106714	92107399	+	0.056682
Nr2c2	MmuINT0110493	chr6	92107494	92108323	+	0.033972
Nr2c2	MmuINT0110494	chr6	92108458	92109205	+	0.044524
Nr2c2ap	MmuINT0110495	chr8	72655499	72655816	+	0.429407
Nr2c2ap	MmuINT0110496	chr8	72655908	72656310	+	0.629915
Nr2c2ap	MmuINT0110497	chr8	72656417	72656485	+	0.683202
Nr2c2ap	MmuINT0110498	chr8	72656554	72656995	+	0.494777
Nr2f2	MmuINT0110516	chr7	77503177	77504773	-	0.111871
Nr2f2	MmuINT0110517	chr7	77499818	77502648	-	0.075564
Nr2f6	MmuINT0110519	chr8	73902383	73904889	-	0.03288
Nr2f6	MmuINT0110520	chr8	73900173	73902287	-	0.068767
Nr2f6	MmuINT0110521	chr8	73898654	73899647	-	0.148214
Nr3c1	MmuINT0110522	chr18	39588435	39645651	-	0.007561
Nr3c1	MmuINT0110523	chr18	39584154	39588270	-	0.013771
Nr3c1	MmuINT0110524	chr18	39582418	39584036	-	0.007518
Nr3c1	MmuINT0110525	chr18	39581206	39582141	-	0.010524
Nr3c1	MmuINT0110526	chr18	39580361	39581060	-	0.008692
Nr3c1	MmuINT0110527	chr18	39575508	39580229	-	0.009298
Nr3c1	MmuINT0110528	chr18	39574289	39575349	-	0.008406
Nr4a1	MmuINT0110537	chr15	1.01E+08	1.01E+08	+	0.053071
Nr4a1	MmuINT0110538	chr15	1.01E+08	1.01E+08	+	0.018347
Nr4a1	MmuINT0110539	chr15	1.01E+08	1.01E+08	+	0.023612
Nr4a1	MmuINT0110540	chr15	1.01E+08	1.01E+08	+	0.013358
Nr4a1	MmuINT0110541	chr15	1.01E+08	1.01E+08	+	0.009858

Nr4a1	MmuINT0110542	chr15	1.01E+08	1.01E+08	+	0.015411
Nr4a3	MmuINT0110553	chr4	48069579	48080534	+	0.031805
Nr4a3	MmuINT0110554	chr4	48080735	48083861	+	0.041102
Nr4a3	MmuINT0110555	chr4	48084041	48095976	+	0.036788
Nrap	MmuINT0110587	chr19	56463975	56464295	-	0.001455
Nrap	MmuINT0110588	chr19	56452662	56453549	-	0.001017
Nrap	MmuINT0110589	chr19	56447405	56452544	-	0.001552
Nrap	MmuINT0110590	chr19	56446418	56447296	-	0.001213
Nrap	MmuINT0110591	chr19	56440964	56446312	-	0.001347
Nrap	MmuINT0110592	chr19	56439987	56440864	-	0.000862
Nrap	MmuINT0110593	chr19	56438900	56439881	-	0.001025
Nrap	MmuINT0110594	chr19	56438518	56438791	-	0.001499
Nrap	MmuINT0110595	chr19	56436342	56438415	-	0.000841
Nrap	MmuINT0110596	chr19	56435707	56436143	-	0.00086
Nrap	MmuINT0110597	chr19	56431880	56435601	-	0.000941
Nrap	MmuINT0110598	chr19	56463327	56463879	-	0.001595
Nrap	MmuINT0110599	chr19	56430077	56431780	-	0.001435
Nrap	MmuINT0110600	chr19	56428718	56429971	-	0.0008
Nrap	MmuINT0110601	chr19	56426234	56428609	-	0.000614
Nrap	MmuINT0110602	chr19	56424884	56425921	-	0.000642
Nrap	MmuINT0110603	chr19	56421718	56424778	-	0.011672
Nrap	MmuINT0110604	chr19	56420055	56421618	-	0.009068
Nrap	MmuINT0110605	chr19	56419259	56419949	-	0.004988
Nrap	MmuINT0110606	chr19	56418616	56419150	-	0.001336
Nrap	MmuINT0110607	chr19	56416827	56418501	-	0.009065
Nrap	MmuINT0110608	chr19	56415114	56416628	-	0.011806
Nrap	MmuINT0110609	chr19	56460574	56463238	-	0.000975
Nrap	MmuINT0110610	chr19	56412626	56415008	-	0.006889
Nrap	MmuINT0110611	chr19	56411077	56412526	-	0.007317
Nrap	MmuINT0110612	chr19	56410641	56410971	-	0.000966
Nrap	MmuINT0110613	chr19	56409828	56410532	-	0.002022
Nrap	MmuINT0110614	chr19	56403591	56409515	-	0.001227
Nrap	MmuINT0110615	chr19	56403090	56403485	-	0.000721
Nrap	MmuINT0110616	chr19	56401790	56402990	-	0.00074
Nrap	MmuINT0110617	chr19	56398486	56401684	-	0.007924
Nrap	MmuINT0110618	chr19	56396525	56398377	-	0.005759
Nrap	MmuINT0110619	chr19	56395507	56396212	-	0.010106
Nrap	MmuINT0110620	chr19	56458654	56460474	-	0.0008
Nrap	MmuINT0110621	chr19	56394793	56395374	-	0.041128
Nrap	MmuINT0110622	chr19	56456855	56458548	-	0.001607
Nrap	MmuINT0110623	chr19	56456095	56456749	-	0.000982
Nrap	MmuINT0110624	chr19	56454804	56455989	-	0.001258
Nrap	MmuINT0110625	chr19	56454408	56454695	-	0.001038
Nrap	MmuINT0110626	chr19	56453655	56454305	-	0.003066
Nras	MmuINT0110627	chr3	1.03E+08	1.03E+08	+	0.016077
Nras	MmuINT0110628	chr3	1.03E+08	1.03E+08	+	0.022765
Nras	MmuINT0110629	chr3	1.03E+08	1.03E+08	+	0.034373
Nras	MmuINT0110630	chr3	1.03E+08	1.03E+08	+	0.039912
Nras	MmuINT0110631	chr3	1.03E+08	1.03E+08	+	0.086052
Nras	MmuINT0110632	chr3	1.03E+08	1.03E+08	+	0.035987

Nrbp1	MmuINT0110636	chr5	31543376	31546135	+	0.01574
Nrbp1	MmuINT0110637	chr5	31550370	31551921	+	0.018549
Nrbp1	MmuINT0110638	chr5	31552055	31552261	+	0.040796
Nrbp1	MmuINT0110639	chr5	31552368	31552462	+	0.035712
Nrbp1	MmuINT0110640	chr5	31552514	31552602	+	0.028595
Nrbp1	MmuINT0110641	chr5	31552739	31552916	+	0.041204
Nrbp1	MmuINT0110642	chr5	31552971	31553053	+	0.028373
Nrbp1	MmuINT0110643	chr5	31553118	31553264	+	0.027889
Nrbp1	MmuINT0110644	chr5	31553321	31553397	+	0.050541
Nrbp1	MmuINT0110645	chr5	31546365	31546538	+	0.003596
Nrbp1	MmuINT0110646	chr5	31546662	31546830	+	0.048077
Nrbp1	MmuINT0110647	chr5	31546933	31547249	+	0.007265
Nrbp1	MmuINT0110648	chr5	31547340	31547735	+	0.003848
Nrbp1	MmuINT0110649	chr5	31547777	31548123	+	0.043681
Nrbp1	MmuINT0110650	chr5	31548219	31549714	+	0.041123
Nrbp1	MmuINT0110651	chr5	31549799	31550056	+	0.022744
Nrbp1	MmuINT0110652	chr5	31550116	31550270	+	0.006304
Nrbp2	MmuINT0110653	chr15	75920262	75920331	-	0.027255
Nrbp2	MmuINT0110654	chr15	75917717	75917802	-	0.025787
Nrbp2	MmuINT0110655	chr15	75917575	75917660	-	0.03124
Nrbp2	MmuINT0110656	chr15	75920096	75920177	-	0.019952
Nrbp2	MmuINT0110657	chr15	75919963	75920039	-	0.027904
Nrbp2	MmuINT0110658	chr15	75919428	75919866	-	0.040645
Nrbp2	MmuINT0110659	chr15	75919183	75919294	-	0.039464
Nrbp2	MmuINT0110660	chr15	75918991	75919079	-	0.013351
Nrbp2	MmuINT0110661	chr15	75918857	75918939	-	0.009751
Nrbp2	MmuINT0110662	chr15	75918005	75918720	-	0.013803
Nrbp2	MmuINT0110663	chr15	75917867	75917950	-	0.033213
Nrd1	MmuINT0110695	chr4	1.09E+08	1.09E+08	+	0.001406
Nrd1	MmuINT0110696	chr4	1.09E+08	1.09E+08	+	0.002689
Nrd1	MmuINT0110697	chr4	1.09E+08	1.09E+08	+	0.002515
Nrd1	MmuINT0110698	chr4	1.09E+08	1.09E+08	+	0.004816
Nrd1	MmuINT0110699	chr4	1.09E+08	1.09E+08	+	0.003593
Nrd1	MmuINT0110700	chr4	1.09E+08	1.09E+08	+	0.002201
Nrd1	MmuINT0110701	chr4	1.09E+08	1.09E+08	+	0.006822
Nrd1	MmuINT0110702	chr4	1.09E+08	1.09E+08	+	0.00154
Nrd1	MmuINT0110703	chr4	1.09E+08	1.09E+08	+	0.002002
Nrd1	MmuINT0110704	chr4	1.09E+08	1.09E+08	+	0.002244
Nrd1	MmuINT0110705	chr4	1.09E+08	1.09E+08	+	0.002182
Nrd1	MmuINT0110706	chr4	1.09E+08	1.09E+08	+	0.008854
Nrd1	MmuINT0110707	chr4	1.09E+08	1.09E+08	+	0.002479
Nrd1	MmuINT0110708	chr4	1.09E+08	1.09E+08	+	0.001443
Nrd1	MmuINT0110709	chr4	1.09E+08	1.09E+08	+	0.003435
Nrd1	MmuINT0110710	chr4	1.09E+08	1.09E+08	+	0.00641
Nrd1	MmuINT0110711	chr4	1.09E+08	1.09E+08	+	0.021236
Nrd1	MmuINT0110712	chr4	1.09E+08	1.09E+08	+	0.025878
Nrd1	MmuINT0110713	chr4	1.09E+08	1.09E+08	+	0.010157
Nrd1	MmuINT0110714	chr4	1.09E+08	1.09E+08	+	0.0097
Nrd1	MmuINT0110715	chr4	1.09E+08	1.09E+08	+	0.004739
Nrd1	MmuINT0110716	chr4	1.09E+08	1.09E+08	+	0.004162

Nrd1	MmuINT0110717	chr4	1.09E+08	1.09E+08	+	0.002431
Nrd1	MmuINT0110718	chr4	1.09E+08	1.09E+08	+	0.002792
Nrd1	MmuINT0110719	chr4	1.09E+08	1.09E+08	+	0.001695
Nrd1	MmuINT0110720	chr4	1.09E+08	1.09E+08	+	0.00214
Nrd1	MmuINT0110721	chr4	1.09E+08	1.09E+08	+	0.003067
Nrd1	MmuINT0110722	chr4	1.09E+08	1.09E+08	+	0.00602
Nrd1	MmuINT0110723	chr4	1.09E+08	1.09E+08	+	0.022642
Nrd1	MmuINT0110724	chr4	1.09E+08	1.09E+08	+	0.024866
Nrf1	MmuINT0110732	chr6	29998114	30038832	+	0.039989
Nrf1	MmuINT0110733	chr6	30069107	30076234	+	0.061572
Nrf1	MmuINT0110734	chr6	30076360	30101513	+	0.07088
Nrf1	MmuINT0110735	chr6	30040147	30045339	+	0.049471
Nrf1	MmuINT0110736	chr6	30045455	30048448	+	0.026937
Nrf1	MmuINT0110737	chr6	30048576	30052168	+	0.02481
Nrf1	MmuINT0110738	chr6	30052310	30065012	+	0.025858
Nrf1	MmuINT0110739	chr6	30065172	30066095	+	0.019131
Nrf1	MmuINT0110740	chr6	30066294	30067055	+	0.022243
Nrf1	MmuINT0110741	chr6	30067158	30068948	+	0.026849
Nrgn	MmuINT0110775	chr9	37353760	37360121	-	0.452249
Nrgn	MmuINT0110776	chr9	37353303	37353532	-	0.98764
Nrgn	MmuINT0110777	chr9	37352917	37353284	-	0.770965
Nrip2	MmuINT0110781	chr6	1.28E+08	1.28E+08	+	0.565285
Nrip2	MmuINT0110782	chr6	1.28E+08	1.28E+08	+	0.56505
Nrm	MmuINT0110821	chr17	35998463	36000383	+	0.364099
Nrm	MmuINT0110822	chr17	36000581	36001056	+	0.507008
Nrm	MmuINT0110823	chr17	36001234	36001455	+	0.579636
Nrn1	MmuINT0110824	chr13	36822121	36826104	-	0.01428
Nrn1	MmuINT0110825	chr13	36818726	36821975	-	0.014819
Nrp1	MmuINT0110828	chr8	1.31E+08	1.31E+08	+	0.035212
Nrp1	MmuINT0110829	chr8	1.31E+08	1.31E+08	+	0.004885
Nrp1	MmuINT0110830	chr8	1.31E+08	1.31E+08	+	0.004995
Nrp1	MmuINT0110831	chr8	1.31E+08	1.31E+08	+	0.009748
Nrp1	MmuINT0110832	chr8	1.31E+08	1.31E+08	+	0.007637
Nrp1	MmuINT0110833	chr8	1.31E+08	1.31E+08	+	0.005606
Nrp1	MmuINT0110834	chr8	1.31E+08	1.31E+08	+	0.009616
Nrp1	MmuINT0110835	chr8	1.31E+08	1.31E+08	+	0.004811
Nrp1	MmuINT0110836	chr8	1.31E+08	1.31E+08	+	0.004934
Nrp1	MmuINT0110837	chr8	1.31E+08	1.31E+08	+	0.003632
Nrp1	MmuINT0110838	chr8	1.31E+08	1.31E+08	+	0.00558
Nrp1	MmuINT0110839	chr8	1.31E+08	1.31E+08	+	0.006111
Nrp1	MmuINT0110840	chr8	1.31E+08	1.31E+08	+	0.005092
Nrp1	MmuINT0110841	chr8	1.31E+08	1.31E+08	+	0.005279
Nrp1	MmuINT0110842	chr8	1.31E+08	1.31E+08	+	0.00476
Nrp1	MmuINT0110843	chr8	1.31E+08	1.31E+08	+	0.002626
Nrp2	MmuINT0110847	chr1	62750852	62765503	+	0.015055
Nrp2	MmuINT0110848	chr1	62811569	62815573	+	0.015162
Nrp2	MmuINT0110849	chr1	62815691	62818278	+	0.024389
Nrp2	MmuINT0110850	chr1	62818420	62829867	+	0.014885
Nrp2	MmuINT0110851	chr1	62830131	62831618	+	0.011787
Nrp2	MmuINT0110852	chr1	62831716	62832854	+	0.010855

Nrp2	MmuINT0110853	chr1	62765682	62784862	+	0.013491
Nrp2	MmuINT0110854	chr1	62785045	62790748	+	0.014422
Nrp2	MmuINT0110855	chr1	62790980	62791931	+	0.017412
Nrp2	MmuINT0110856	chr1	62792088	62793731	+	0.020326
Nrp2	MmuINT0110857	chr1	62793902	62795706	+	0.014574
Nrp2	MmuINT0110858	chr1	62795863	62807348	+	0.015713
Nrp2	MmuINT0110859	chr1	62807494	62809264	+	0.013726
Nrp2	MmuINT0110860	chr1	62809615	62811423	+	0.014304
Nrtn	MmuINT0110865	chr17	56891914	56896618	-	0.007677
Nrtn	MmuINT0110866	chr17	56891254	56891731	-	0.009545
Nsd1	MmuINT0110940	chr13	55378003	55378892	+	0.01236
Nsd1	MmuINT0110941	chr13	55379037	55384019	+	0.018587
Nsd1	MmuINT0110942	chr13	55384144	55391415	+	0.017266
Nsd1	MmuINT0110943	chr13	55391617	55392491	+	0.009979
Nsd1	MmuINT0110944	chr13	55392672	55394918	+	0.014439
Nsd1	MmuINT0110945	chr13	55395076	55397347	+	0.018125
Nsd1	MmuINT0110946	chr13	55397554	55399924	+	0.015166
Nsd1	MmuINT0110947	chr13	55400038	55401051	+	0.017888
Nsd1	MmuINT0110948	chr13	55401322	55403087	+	0.010944
Nsd1	MmuINT0110949	chr13	55403205	55404199	+	0.012687
Nsd1	MmuINT0110950	chr13	55315512	55335255	+	0.020809
Nsd1	MmuINT0110951	chr13	55404342	55408296	+	0.01017
Nsd1	MmuINT0110952	chr13	55408404	55411697	+	0.016251
Nsd1	MmuINT0110953	chr13	55411903	55413479	+	0.166975
Nsd1	MmuINT0110954	chr13	55335392	55340050	+	0.010618
Nsd1	MmuINT0110955	chr13	55340224	55346878	+	0.141591
Nsd1	MmuINT0110956	chr13	55349439	55361704	+	0.013432
Nsd1	MmuINT0110957	chr13	55361830	55362904	+	0.022573
Nsd1	MmuINT0110958	chr13	55363176	55364693	+	0.01565
Nsd1	MmuINT0110959	chr13	55364804	55369808	+	0.018279
Nsd1	MmuINT0110960	chr13	55369885	55377883	+	0.017382
Nsdhl	MmuINT0110961	chrX	70164033	70171632	+	0.028768
Nsdhl	MmuINT0110962	chrX	70171750	70174962	+	0.022719
Nsdhl	MmuINT0110963	chrX	70175122	70194503	+	0.049508
Nsdhl	MmuINT0110964	chrX	70194651	70198181	+	0.029756
Nsdhl	MmuINT0110965	chrX	70198311	70200410	+	0.028836
Nsdhl	MmuINT0110966	chrX	70200554	70201675	+	0.028285
Nsdhl	MmuINT0110967	chrX	70201779	70202620	+	0.038058
Nsf	MmuINT0110968	chr11	1.04E+08	1.04E+08	-	0.061636
Nsf	MmuINT0110969	chr11	1.04E+08	1.04E+08	-	0.010935
Nsf	MmuINT0110970	chr11	1.04E+08	1.04E+08	-	0.013717
Nsf	MmuINT0110971	chr11	1.04E+08	1.04E+08	-	0.013697
Nsf	MmuINT0110972	chr11	1.04E+08	1.04E+08	-	0.012684
Nsf	MmuINT0110973	chr11	1.04E+08	1.04E+08	-	0.015593
Nsf	MmuINT0110974	chr11	1.04E+08	1.04E+08	-	0.01427
Nsf	MmuINT0110975	chr11	1.04E+08	1.04E+08	-	0.022786
Nsf	MmuINT0110976	chr11	1.04E+08	1.04E+08	-	0.0218
Nsf	MmuINT0110977	chr11	1.04E+08	1.04E+08	-	0.013512
Nsf	MmuINT0110978	chr11	1.04E+08	1.04E+08	-	0.022927
Nsf	MmuINT0110979	chr11	1.04E+08	1.04E+08	-	0.025297

Nsf	MmuINT0110980	chr11	1.04E+08	1.04E+08	-	0.035982
Nsf	MmuINT0110981	chr11	1.04E+08	1.04E+08	-	0.024359
Nsf	MmuINT0110982	chr11	1.04E+08	1.04E+08	-	0.020533
Nsf	MmuINT0110983	chr11	1.04E+08	1.04E+08	-	0.016819
Nsf	MmuINT0110984	chr11	1.04E+08	1.04E+08	-	0.019894
Nsf	MmuINT0110985	chr11	1.04E+08	1.04E+08	-	0.015422
Nsf	MmuINT0110986	chr11	1.04E+08	1.04E+08	-	0.012052
Nsf	MmuINT0110987	chr11	1.04E+08	1.04E+08	-	0.01588
Nsfl1c	MmuINT0110990	chr2	1.51E+08	1.51E+08	+	0.917517
Nsfl1c	MmuINT0110994	chr2	1.51E+08	1.51E+08	+	0.005638
Nsg1	MmuINT0110997	chr5	38546964	38550115	-	0.062628
Nsg1	MmuINT0110998	chr5	38536059	38546846	-	0.048837
Nsg1	MmuINT0110999	chr5	38530112	38535947	-	0.041876
Nsmaf	MmuINT0111010	chr4	6353621	6355538	-	0.022109
Nsmaf	MmuINT0111011	chr4	6352135	6353548	-	0.018755
Nsmaf	MmuINT0111012	chr4	6350646	6352025	-	0.063321
Nsmaf	MmuINT0111013	chr4	6348284	6350468	-	0.004445
Nsmaf	MmuINT0111014	chr4	6347288	6348203	-	0.012258
Nsmaf	MmuINT0111015	chr4	6347075	6347196	-	0.024879
Nsmaf	MmuINT0111016	chr4	6345671	6347010	-	0.055246
Nsmaf	MmuINT0111017	chr4	6345529	6345618	-	0.006707
Nsmaf	MmuINT0111018	chr4	6345025	6345407	-	0.00467
Nsmaf	MmuINT0111019	chr4	6344355	6344892	-	0.171101
Nsmaf	MmuINT0111020	chr4	6365269	6368046	-	0.007294
Nsmaf	MmuINT0111021	chr4	6343811	6344311	-	0.00577
Nsmaf	MmuINT0111022	chr4	6342220	6343646	-	0.004422
Nsmaf	MmuINT0111023	chr4	6340774	6342110	-	0.006473
Nsmaf	MmuINT0111024	chr4	6337059	6340714	-	0.007583
Nsmaf	MmuINT0111025	chr4	6336305	6336990	-	0.007054
Nsmaf	MmuINT0111026	chr4	6335829	6336236	-	0.025535
Nsmaf	MmuINT0111027	chr4	6334018	6335704	-	0.035708
Nsmaf	MmuINT0111028	chr4	6326107	6333933	-	0.047575
Nsmaf	MmuINT0111029	chr4	6325795	6325955	-	0.003687
Nsmaf	MmuINT0111030	chr4	6325576	6325691	-	0.004811
Nsmaf	MmuINT0111031	chr4	6365069	6365189	-	0.009683
Nsmaf	MmuINT0111032	chr4	6323965	6325465	-	0.060541
Nsmaf	MmuINT0111033	chr4	6364926	6365000	-	0.010385
Nsmaf	MmuINT0111034	chr4	6362255	6364888	-	0.009727
Nsmaf	MmuINT0111035	chr4	6360482	6362203	-	0.008041
Nsmaf	MmuINT0111036	chr4	6360025	6360409	-	0.009737
Nsmaf	MmuINT0111037	chr4	6359880	6359976	-	0.010391
Nsmaf	MmuINT0111038	chr4	6355669	6359826	-	0.008161
Nsmce1	MmuINT0111039	chr7	1.33E+08	1.33E+08	-	0.014504
Nsmce1	MmuINT0111040	chr7	1.33E+08	1.33E+08	-	0.007452
Nsmce1	MmuINT0111041	chr7	1.33E+08	1.33E+08	-	0.001457
Nsmce1	MmuINT0111042	chr7	1.33E+08	1.33E+08	-	0.001723
Nsmce1	MmuINT0111043	chr7	1.33E+08	1.33E+08	-	0.0078
Nsmce1	MmuINT0111044	chr7	1.33E+08	1.33E+08	-	0.002086
Nsmce1	MmuINT0111045	chr7	1.33E+08	1.33E+08	-	0.003558
Nsmce2	MmuINT0111047	chr15	59205911	59210422	+	0.002431

Nsmce2	MmuINT0111049	chr15	59247687	59286867	+	0.002385
Nsmce2	MmuINT0111050	chr15	59287022	59423251	+	0.013946
Nsmce2	MmuINT0111051	chr15	59423353	59423692	+	0.005106
Nsmce2	MmuINT0111052	chr15	59423800	59432894	+	0.018908
Nsmce4a	MmuINT0111053	chr7	1.38E+08	1.38E+08	-	0.00427
Nsmce4a	MmuINT0111054	chr7	1.38E+08	1.38E+08	-	0.018717
Nsmce4a	MmuINT0111055	chr7	1.38E+08	1.38E+08	-	0.014224
Nsmce4a	MmuINT0111056	chr7	1.38E+08	1.38E+08	-	0.00532
Nsmce4a	MmuINT0111057	chr7	1.38E+08	1.38E+08	-	0.00643
Nsmce4a	MmuINT0111058	chr7	1.38E+08	1.38E+08	-	0.008219
Nsmce4a	MmuINT0111059	chr7	1.38E+08	1.38E+08	-	0.012809
Nsmce4a	MmuINT0111060	chr7	1.38E+08	1.38E+08	-	0.008224
Nsmce4a	MmuINT0111061	chr7	1.38E+08	1.38E+08	-	0.008729
Nsmce4a	MmuINT0111062	chr7	1.38E+08	1.38E+08	-	0.016509
Nsun2	MmuINT0111063	chr13	69751067	69751178	+	0.006468
Nsun2	MmuINT0111064	chr13	69765430	69765913	+	0.005459
Nsun2	MmuINT0111065	chr13	69766045	69766437	+	0.010707
Nsun2	MmuINT0111066	chr13	69766535	69768412	+	0.005813
Nsun2	MmuINT0111067	chr13	69768595	69768879	+	0.01882
Nsun2	MmuINT0111068	chr13	69768973	69769505	+	0.01248
Nsun2	MmuINT0111069	chr13	69769642	69770112	+	0.020624
Nsun2	MmuINT0111070	chr13	69770194	69770409	+	0.009192
Nsun2	MmuINT0111071	chr13	69770549	69772105	+	0.007412
Nsun2	MmuINT0111072	chr13	69772146	69772449	+	0.010636
Nsun2	MmuINT0111073	chr13	69751337	69751815	+	0.007591
Nsun2	MmuINT0111074	chr13	69751921	69754289	+	0.00602
Nsun2	MmuINT0111075	chr13	69754396	69756283	+	0.00673
Nsun2	MmuINT0111076	chr13	69756356	69756983	+	0.008008
Nsun2	MmuINT0111077	chr13	69757069	69758323	+	0.013556
Nsun2	MmuINT0111078	chr13	69758517	69760482	+	0.021735
Nsun2	MmuINT0111079	chr13	69760558	69762040	+	0.006457
Nsun2	MmuINT0111080	chr13	69762172	69765355	+	0.00695
Nsun3	MmuINT0111081	chr16	62785724	62786496	-	0.19442
Nsun3	MmuINT0111082	chr16	62776458	62785613	-	0.082589
Nsun3	MmuINT0111083	chr16	62770639	62776113	-	0.07328
Nsun3	MmuINT0111084	chr16	62769555	62770483	-	0.052014
Nsun3	MmuINT0111085	chr16	62735245	62769432	-	0.039682
Nsun4	MmuINT0111086	chr4	1.16E+08	1.16E+08	-	0.005832
Nsun4	MmuINT0111087	chr4	1.16E+08	1.16E+08	-	0.029366
Nsun4	MmuINT0111088	chr4	1.16E+08	1.16E+08	-	0.021194
Nsun4	MmuINT0111089	chr4	1.16E+08	1.16E+08	-	0.00726
Nsun4	MmuINT0111090	chr4	1.16E+08	1.16E+08	-	0.003876
Nsun5	MmuINT0111091	chr5	1.36E+08	1.36E+08	+	0.022008
Nsun5	MmuINT0111092	chr5	1.36E+08	1.36E+08	+	0.307703
Nsun5	MmuINT0111093	chr5	1.36E+08	1.36E+08	+	0.13288
Nsun5	MmuINT0111094	chr5	1.36E+08	1.36E+08	+	0.296041
Nsun5	MmuINT0111095	chr5	1.36E+08	1.36E+08	+	0.098278
Nsun5	MmuINT0111096	chr5	1.36E+08	1.36E+08	+	0.042608
Nsun5	MmuINT0111097	chr5	1.36E+08	1.36E+08	+	0.155877
Nsun5	MmuINT0111098	chr5	1.36E+08	1.36E+08	+	0.251977



Nsun5	MmuINT0111099	chr5	1.36E+08	1.36E+08	+	0.052691
Nsun6	MmuINT0111103	chr2	14918174	14919793	-	0.029416
Nsun6	MmuINT0111107	chr2	14934912	14951655	-	0.058383
Nsun6	MmuINT0111108	chr2	14931186	14934766	-	0.057808
Nsun6	MmuINT0111109	chr2	14919920	14931036	-	0.132164
Nt5c	MmuINT0111122	chr11	1.15E+08	1.15E+08	-	0.087898
Nt5c	MmuINT0111123	chr11	1.15E+08	1.15E+08	-	0.102372
Nt5c	MmuINT0111124	chr11	1.15E+08	1.15E+08	-	0.244315
Nt5c	MmuINT0111125	chr11	1.15E+08	1.15E+08	-	0.160334
Nt5c1a	MmuINT0111126	chr4	1.23E+08	1.23E+08	+	0.007863
Nt5c1a	MmuINT0111127	chr4	1.23E+08	1.23E+08	+	0.007292
Nt5c1a	MmuINT0111128	chr4	1.23E+08	1.23E+08	+	0.007173
Nt5c1a	MmuINT0111129	chr4	1.23E+08	1.23E+08	+	0.008655
Nt5c1a	MmuINT0111130	chr4	1.23E+08	1.23E+08	+	0.007535
Nt5c2	MmuINT0111141	chr19	47025456	47036761	-	0.025847
Nt5c2	MmuINT0111142	chr19	46968051	46969010	-	0.019909
Nt5c2	MmuINT0111143	chr19	46967103	46968008	-	0.01472
Nt5c2	MmuINT0111144	chr19	46966792	46966994	-	0.008073
Nt5c2	MmuINT0111145	chr19	46966170	46966724	-	0.005192
Nt5c2	MmuINT0111146	chr19	46964788	46965998	-	0.040727
Nt5c2	MmuINT0111147	chr19	46964620	46964735	-	0.009794
Nt5c2	MmuINT0111148	chr19	46964437	46964558	-	0.007513
Nt5c2	MmuINT0111149	chr19	46963542	46964259	-	0.004536
Nt5c2	MmuINT0111150	chr19	46998826	47025335	-	0.006108
Nt5c2	MmuINT0111151	chr19	46979583	46998751	-	0.012588
Nt5c2	MmuINT0111152	chr19	46978464	46979464	-	0.00541
Nt5c2	MmuINT0111153	chr19	46973385	46978367	-	0.006206
Nt5c2	MmuINT0111154	chr19	46973170	46973292	-	0.007617
Nt5c2	MmuINT0111155	chr19	46972160	46973111	-	0.027265
Nt5c2	MmuINT0111156	chr19	46971052	46972065	-	0.008118
Nt5c2	MmuINT0111157	chr19	46969095	46970997	-	0.019691
Nt5c3	MmuINT0111160	chr6	56842883	56873665	-	0.008344
Nt5c3	MmuINT0111161	chr6	56841556	56842783	-	0.003389
Nt5c3	MmuINT0111162	chr6	56839504	56841485	-	0.013396
Nt5c3	MmuINT0111163	chr6	56838403	56839456	-	0.01296
Nt5c3	MmuINT0111164	chr6	56836748	56838316	-	0.009458
Nt5c3	MmuINT0111165	chr6	56834866	56836657	-	0.010052
Nt5c3	MmuINT0111166	chr6	56833870	56834702	-	0.008535
Nt5c3	MmuINT0111167	chr6	56833053	56833668	-	0.00251
Nt5c3l	MmuINT0111169	chr11	1E+08	1E+08	-	0.017606
Nt5c3l	MmuINT0111170	chr11	1E+08	1E+08	-	0.042203
Nt5c3l	MmuINT0111171	chr11	1E+08	1E+08	-	0.130233
Nt5c3l	MmuINT0111172	chr11	1E+08	1E+08	-	0.044937
Nt5c3l	MmuINT0111173	chr11	1E+08	1E+08	-	0.006561
Nt5c3l	MmuINT0111174	chr11	1E+08	1E+08	-	0.010521
Nt5c3l	MmuINT0111175	chr11	1E+08	1E+08	-	0.008045
Nt5dc1	MmuINT0111177	chr10	34131266	34138166	-	0.025575
Nt5dc1	MmuINT0111178	chr10	34030276	34033394	-	0.034016
Nt5dc1	MmuINT0111179	chr10	34024786	34030106	-	0.025516
Nt5dc1	MmuINT0111180	chr10	34127413	34131173	-	0.029202

Nt5dc1	MmuINT0111181	chr10	34123594	34127340	-	0.025346
Nt5dc1	MmuINT0111184	chr10	34044269	34117919	-	0.034351
Nt5dc1	MmuINT0111185	chr10	34042513	34044093	-	0.022948
Nt5dc1	MmuINT0111186	chr10	34034675	34042414	-	0.022499
Nt5dc1	MmuINT0111187	chr10	34033548	34034555	-	0.021577
Nt5dc2	MmuINT0111188	chr14	31948110	31948215	+	0.007534
Nt5dc2	MmuINT0111189	chr14	31951397	31951517	+	0.005484
Nt5dc2	MmuINT0111190	chr14	31951659	31951794	+	0.013526
Nt5dc2	MmuINT0111191	chr14	31951860	31951966	+	0.006282
Nt5dc2	MmuINT0111192	chr14	31948291	31948523	+	0.008805
Nt5dc2	MmuINT0111193	chr14	31948580	31948679	+	0.010111
Nt5dc2	MmuINT0111194	chr14	31948774	31948871	+	0.008609
Nt5dc2	MmuINT0111195	chr14	31949001	31949103	+	0.004569
Nt5dc2	MmuINT0111196	chr14	31949165	31949250	+	0.009918
Nt5dc2	MmuINT0111197	chr14	31949354	31949453	+	0.010711
Nt5dc2	MmuINT0111198	chr14	31949556	31949781	+	0.008215
Nt5dc2	MmuINT0111199	chr14	31949864	31951309	+	0.01232
Nt5dc3	MmuINT0111200	chr10	86242057	86267525	+	0.010012
Nt5dc3	MmuINT0111201	chr10	86285891	86286931	+	0.00948
Nt5dc3	MmuINT0111202	chr10	86287019	86287899	+	0.008335
Nt5dc3	MmuINT0111203	chr10	86288041	86294444	+	0.013225
Nt5dc3	MmuINT0111204	chr10	86294510	86296675	+	0.00751
Nt5dc3	MmuINT0111205	chr10	86267711	86274274	+	0.007851
Nt5dc3	MmuINT0111206	chr10	86274350	86275069	+	0.009871
Nt5dc3	MmuINT0111207	chr10	86275126	86278598	+	0.02315
Nt5dc3	MmuINT0111208	chr10	86278690	86279697	+	0.028913
Nt5dc3	MmuINT0111209	chr10	86279836	86282951	+	0.017781
Nt5dc3	MmuINT0111210	chr10	86283013	86283412	+	0.010215
Nt5dc3	MmuINT0111211	chr10	86283516	86283654	+	0.022133
Nt5dc3	MmuINT0111212	chr10	86283757	86285808	+	0.007743
Nt5e	MmuINT0111213	chr9	88222869	88247100	+	0.018905
Nt5e	MmuINT0111214	chr9	88247324	88250424	+	0.019882
Nt5e	MmuINT0111215	chr9	88250614	88258273	+	0.016855
Nt5e	MmuINT0111216	chr9	88258472	88259505	+	0.017824
Nt5e	MmuINT0111217	chr9	88259661	88261199	+	0.035119
Nt5e	MmuINT0111218	chr9	88261306	88262068	+	0.034784
Nt5e	MmuINT0111219	chr9	88262219	88263883	+	0.019305
Nt5e	MmuINT0111220	chr9	88264085	88264991	+	0.031041
Nt5m	MmuINT0111221	chr11	59661875	59666292	+	0.109162
Nt5m	MmuINT0111222	chr11	59666394	59674251	+	0.016604
Nt5m	MmuINT0111223	chr11	59674313	59688054	+	0.016201
Nt5m	MmuINT0111224	chr11	59688170	59689306	+	0.004653
Ntan1	MmuINT0111225	chr16	13819530	13826975	+	0.035305
Ntan1	MmuINT0111226	chr16	13827079	13827152	+	0.075484
Ntan1	MmuINT0111227	chr16	13827219	13827480	+	0.018553
Ntan1	MmuINT0111228	chr16	13827590	13829097	+	0.010867
Ntan1	MmuINT0111229	chr16	13829172	13831210	+	0.036111
Ntan1	MmuINT0111230	chr16	13831265	13831699	+	0.097381
Ntan1	MmuINT0111231	chr16	13831754	13832429	+	0.108609
Nthl1	MmuINT0111236	chr17	24769800	24770871	+	0.094171

Nthl1	MmuINT0111237	chr17	24771111	24771669	+	0.072938
Nthl1	MmuINT0111238	chr17	24771841	24772532	+	0.129931
Nthl1	MmuINT0111239	chr17	24772693	24775368	+	0.134843
Nthl1	MmuINT0111240	chr17	24775475	24775552	+	0.053278
Ntn1	MmuINT0111248	chr11	68199687	68200111	-	0.026797
Ntn1	MmuINT0111249	chr11	68091114	68198604	-	0.005726
Ntn1	MmuINT0111250	chr11	68074149	68090924	-	0.006158
Ntn1	MmuINT0111251	chr11	68071011	68073998	-	0.00802
Ntn1	MmuINT0111252	chr11	68040113	68070956	-	0.008936
Ntn1	MmuINT0111253	chr11	68026837	68040037	-	0.00657
Ntn4	MmuINT0111260	chr10	93107746	93145162	+	0.009835
Ntn4	MmuINT0111261	chr10	93145442	93170022	+	0.022987
Ntn4	MmuINT0111262	chr10	93170150	93173222	+	0.016584
Ntn4	MmuINT0111263	chr10	93173412	93196351	+	0.009877
Ntn4	MmuINT0111264	chr10	93196566	93196917	+	0.018951
Ntn4	MmuINT0111266	chr10	93201698	93203795	+	0.017248
Ntn4	MmuINT0111267	chr10	93203967	93208461	+	0.014938
Ntng2	MmuINT0111287	chr2	29060445	29062937	-	0.049598
Ntng2	MmuINT0111289	chr2	29051302	29052501	-	0.03625
Ntng2	MmuINT0111290	chr2	29050574	29051166	-	0.03962
Ntng2	MmuINT0111292	chr2	29054436	29056393	-	0.282503
Ntsr2	MmuINT0111353	chr12	16660930	16663402	+	0.013544
Ntsr2	MmuINT0111355	chr12	16665262	16666514	+	0.021279
Nuak1	MmuINT0111356	chr10	83872482	83902859	-	0.014932
Nuak1	MmuINT0111357	chr10	83856889	83872360	-	0.013879
Nuak1	MmuINT0111358	chr10	83855067	83856736	-	0.023022
Nuak1	MmuINT0111359	chr10	83843612	83855000	-	0.041121
Nuak1	MmuINT0111360	chr10	83840970	83843491	-	0.017945
Nuak1	MmuINT0111361	chr10	83838133	83840836	-	0.01321
Nuak2	MmuINT0111365	chr1	1.34E+08	1.34E+08	+	0.167285
Nuak2	MmuINT0111366	chr1	1.34E+08	1.34E+08	+	0.097749
Nuak2	MmuINT0111367	chr1	1.34E+08	1.34E+08	+	0.08596
Nuak2	MmuINT0111368	chr1	1.34E+08	1.34E+08	+	0.064332
Nuak2	MmuINT0111369	chr1	1.34E+08	1.34E+08	+	0.087088
Nub1	MmuINT0111370	chr5	24191841	24195197	+	0.044196
Nub1	MmuINT0111371	chr5	24208303	24209236	+	0.004554
Nub1	MmuINT0111372	chr5	24209390	24212255	+	0.004498
Nub1	MmuINT0111373	chr5	24212403	24213585	+	0.018353
Nub1	MmuINT0111374	chr5	24213682	24214500	+	0.006175
Nub1	MmuINT0111375	chr5	24214679	24214806	+	0.014916
Nub1	MmuINT0111376	chr5	24195329	24198624	+	0.007858
Nub1	MmuINT0111377	chr5	24198793	24200517	+	0.008298
Nub1	MmuINT0111378	chr5	24200580	24201337	+	0.037863
Nub1	MmuINT0111379	chr5	24201409	24202822	+	0.019396
Nub1	MmuINT0111380	chr5	24203006	24203149	+	0.003883
Nub1	MmuINT0111381	chr5	24203242	24204482	+	0.006059
Nub1	MmuINT0111382	chr5	24204590	24207167	+	0.015431
Nub1	MmuINT0111383	chr5	24207352	24208194	+	0.00814
Nubp1	MmuINT0111384	chr16	10412089	10412162	+	0.085418
Nubp1	MmuINT0111385	chr16	10422999	10423333	+	0.044504

Nubp1	MmuINT0111386	chr16	10412268	10413703	+	0.016415
Nubp1	MmuINT0111387	chr16	10413838	10417753	+	0.018132
Nubp1	MmuINT0111388	chr16	10417823	10419745	+	0.039421
Nubp1	MmuINT0111389	chr16	10419779	10420348	+	0.101939
Nubp1	MmuINT0111390	chr16	10421222	10421319	+	0.056983
Nubp1	MmuINT0111391	chr16	10421431	10421669	+	0.11781
Nubp1	MmuINT0111392	chr16	10421773	10422914	+	0.036434
Nubp2	MmuINT0111393	chr17	25022783	25023223	-	0.041958
Nubp2	MmuINT0111394	chr17	25022563	25022663	-	0.048979
Nubp2	MmuINT0111395	chr17	25021501	25022363	-	0.046357
Nubp2	MmuINT0111396	chr17	25021181	25021345	-	0.017551
Nubp2	MmuINT0111397	chr17	25020821	25021069	-	0.075418
Nubp2	MmuINT0111398	chr17	25020260	25020750	-	0.082536
Nubpl	MmuINT0111401	chr12	53199488	53201453	+	0.008159
Nubpl	MmuINT0111402	chr12	53201489	53244955	+	0.007817
Nubpl	MmuINT0111403	chr12	53245047	53282078	+	0.007837
Nubpl	MmuINT0111406	chr12	53372120	53387324	+	0.003503
Nucb1	MmuINT0111410	chr7	52765218	52765692	-	0.006726
Nucb1	MmuINT0111411	chr7	52750159	52750422	-	0.002561
Nucb1	MmuINT0111412	chr7	52749320	52749486	-	0.002559
Nucb1	MmuINT0111413	chr7	52758656	52765075	-	0.003357
Nucb1	MmuINT0111414	chr7	52757086	52758547	-	0.002104
Nucb1	MmuINT0111415	chr7	52755276	52756952	-	0.006058
Nucb1	MmuINT0111416	chr7	52754281	52755171	-	0.001455
Nucb1	MmuINT0111417	chr7	52753861	52754094	-	0.002513
Nucb1	MmuINT0111418	chr7	52750984	52753769	-	0.003484
Nucb1	MmuINT0111419	chr7	52750685	52750924	-	0.016531
Nucb1	MmuINT0111420	chr7	52750516	52750591	-	0.002171
Nucb2	MmuINT0111422	chr7	1.24E+08	1.24E+08	+	0.057111
Nucb2	MmuINT0111423	chr7	1.24E+08	1.24E+08	+	0.041386
Nucb2	MmuINT0111424	chr7	1.24E+08	1.24E+08	+	0.053618
Nucb2	MmuINT0111425	chr7	1.24E+08	1.24E+08	+	0.050035
Nucb2	MmuINT0111426	chr7	1.24E+08	1.24E+08	+	0.043173
Nucb2	MmuINT0111427	chr7	1.24E+08	1.24E+08	+	0.065317
Nucb2	MmuINT0111428	chr7	1.24E+08	1.24E+08	+	0.031646
Nucb2	MmuINT0111429	chr7	1.24E+08	1.24E+08	+	0.056653
Nucb2	MmuINT0111430	chr7	1.24E+08	1.24E+08	+	0.048643
Nucb2	MmuINT0111431	chr7	1.24E+08	1.24E+08	+	0.042958
Nucks1	MmuINT0111432	chr1	1.34E+08	1.34E+08	+	0.018425
Nucks1	MmuINT0111433	chr1	1.34E+08	1.34E+08	+	0.008851
Nucks1	MmuINT0111434	chr1	1.34E+08	1.34E+08	+	0.007943
Nucks1	MmuINT0111435	chr1	1.34E+08	1.34E+08	+	0.010368
Nucks1	MmuINT0111436	chr1	1.34E+08	1.34E+08	+	0.005715
Nudc	MmuINT0111438	chr4	1.33E+08	1.33E+08	-	0.010162
Nudc	MmuINT0111439	chr4	1.33E+08	1.33E+08	-	0.00558
Nudc	MmuINT0111440	chr4	1.33E+08	1.33E+08	-	0.001702
Nudcd1	MmuINT0111445	chr15	44252420	44259207	-	0.061383
Nudcd1	MmuINT0111446	chr15	44237539	44252264	-	0.063435
Nudcd1	MmuINT0111447	chr15	44237076	44237355	-	0.058248
Nudcd1	MmuINT0111448	chr15	44233011	44236894	-	0.071895

Nudcd1	MmuINT0111449	chr15	44228202	44231565	-	0.037723
Nudcd1	MmuINT0111450	chr15	44220141	44228056	-	0.055447
Nudcd1	MmuINT0111451	chr15	44211766	44220014	-	0.056581
Nudcd1	MmuINT0111452	chr15	44208233	44211605	-	0.044144
Nudcd2	MmuINT0111454	chr11	40547657	40549519	+	0.086086
Nudcd2	MmuINT0111455	chr11	40549569	40549994	+	0.03112
Nudcd2	MmuINT0111456	chr11	40550147	40552660	+	0.014023
Nudcd3	MmuINT0111457	chr11	6093480	6099945	-	0.003134
Nudcd3	MmuINT0111458	chr11	6050631	6093156	-	0.003671
Nudcd3	MmuINT0111459	chr11	6025565	6050497	-	0.013055
Nudcd3	MmuINT0111460	chr11	6013435	6025420	-	0.008704
Nudcd3	MmuINT0111461	chr11	6008359	6013245	-	0.008512
Nudt1	MmuINT0111462	chr5	1.41E+08	1.41E+08	+	0.062753
Nudt1	MmuINT0111463	chr5	1.41E+08	1.41E+08	+	0.040086
Nudt1	MmuINT0111464	chr5	1.41E+08	1.41E+08	+	0.031596
Nudt1	MmuINT0111465	chr5	1.41E+08	1.41E+08	+	0.049537
Nudt12	MmuINT0111468	chr17	59150678	59152640	-	0.027284
Nudt12	MmuINT0111469	chr17	59149868	59150465	-	0.02288
Nudt12	MmuINT0111471	chr17	59146041	59147046	-	0.02151
Nudt12	MmuINT0111472	chr17	59142952	59145926	-	0.050414
Nudt12	MmuINT0111473	chr17	59141715	59142751	-	0.016685
Nudt13	MmuINT0111474	chr14	21114015	21119808	+	0.023021
Nudt13	MmuINT0111475	chr14	21119902	21123174	+	0.007097
Nudt13	MmuINT0111476	chr14	21123315	21125453	+	0.00681
Nudt13	MmuINT0111477	chr14	21125589	21126914	+	0.085609
Nudt13	MmuINT0111478	chr14	21127022	21128893	+	0.041061
Nudt13	MmuINT0111479	chr14	21129020	21129843	+	0.021426
Nudt13	MmuINT0111480	chr14	21129956	21130692	+	0.052717
Nudt13	MmuINT0111481	chr14	21130848	21135245	+	0.004676
Nudt14	MmuINT0111482	chr12	1.14E+08	1.14E+08	-	0.025715
Nudt14	MmuINT0111483	chr12	1.14E+08	1.14E+08	-	0.026086
Nudt14	MmuINT0111484	chr12	1.14E+08	1.14E+08	-	0.0441
Nudt14	MmuINT0111485	chr12	1.14E+08	1.14E+08	-	0.026977
Nudt16	MmuINT0111490	chr9	1.05E+08	1.05E+08	-	0.074168
Nudt16	MmuINT0111491	chr9	1.05E+08	1.05E+08	-	0.199991
Nudt16l1	MmuINT0111492	chr16	4939294	4939377	+	0.0842
Nudt16l1	MmuINT0111493	chr16	4939639	4940195	+	0.079241
Nudt17	MmuINT0111495	chr3	96512099	96512250	-	0.056757
Nudt17	MmuINT0111496	chr3	96511574	96511706	-	0.069165
Nudt17	MmuINT0111497	chr3	96511224	96511480	-	0.059985
Nudt17	MmuINT0111498	chr3	96510970	96511124	-	0.07041
Nudt17	MmuINT0111499	chr3	96510452	96510832	-	0.02938
Nudt17	MmuINT0111500	chr3	96510167	96510290	-	0.048525
Nudt18	MmuINT0111501	chr14	70977918	70978718	+	0.013689
Nudt18	MmuINT0111502	chr14	70978933	70979140	+	0.018537
Nudt19	MmuINT0111503	chr7	36336681	36340172	-	0.00408
Nudt19	MmuINT0111504	chr7	36333143	36336472	-	0.002465
Nudt2	MmuINT0111505	chr4	41412214	41424546	+	0.011514
Nudt2	MmuINT0111506	chr4	41424681	41427278	+	0.003455
Nudt22	MmuINT0111514	chr19	7069260	7069731	-	0.053557

Nudt22	MmuINT0111515	chr19	7068250	7069160	-	0.019791
Nudt22	MmuINT0111516	chr19	7068017	7068151	-	0.026284
Nudt22	MmuINT0111517	chr19	7067693	7067922	-	0.010048
Nudt3	MmuINT0111518	chr17	27733780	27760031	-	0.024343
Nudt3	MmuINT0111519	chr17	27720202	27733668	-	0.004573
Nudt3	MmuINT0111520	chr17	27719038	27720156	-	0.000715
Nudt3	MmuINT0111521	chr17	27717900	27718952	-	0.003141
Nudt4	MmuINT0111522	chr10	95015231	95026295	-	0.007057
Nudt4	MmuINT0111523	chr10	95014128	95015119	-	0.001733
Nudt4	MmuINT0111524	chr10	95012495	95014082	-	0.047786
Nudt4	MmuINT0111525	chr10	95012125	95012409	-	0.00176
Nudt5	MmuINT0111526	chr2	5766432	5775861	+	0.009718
Nudt5	MmuINT0111527	chr2	5775965	5777025	+	0.021463
Nudt5	MmuINT0111528	chr2	5777094	5782072	+	0.118582
Nudt5	MmuINT0111529	chr2	5782123	5783346	+	0.080707
Nudt5	MmuINT0111530	chr2	5783455	5784624	+	0.044484
Nudt5	MmuINT0111531	chr2	5784721	5785392	+	0.01528
Nudt5	MmuINT0111533	chr2	5787454	5789134	+	0.031927
Nudt6	MmuINT0111534	chr3	37315827	37318263	-	0.031281
Nudt6	MmuINT0111535	chr3	37311338	37315622	-	0.032202
Nudt6	MmuINT0111536	chr3	37308485	37311281	-	0.104309
Nudt6	MmuINT0111537	chr3	37304414	37308429	-	0.589009
Nudt7	MmuINT0111538	chr8	1.17E+08	1.17E+08	+	0.036027
Nudt7	MmuINT0111539	chr8	1.17E+08	1.17E+08	+	0.081624
Nudt8	MmuINT0111540	chr19	4000848	4001195	+	0.074948
Nudt8	MmuINT0111541	chr19	4001329	4001627	+	0.006264
Nudt8	MmuINT0111542	chr19	4001706	4001795	+	0.014329
Nudt9	MmuINT0111543	chr5	1.04E+08	1.04E+08	+	0.007962
Nudt9	MmuINT0111544	chr5	1.04E+08	1.04E+08	+	0.00707
Nudt9	MmuINT0111545	chr5	1.04E+08	1.04E+08	+	0.011519
Nudt9	MmuINT0111546	chr5	1.04E+08	1.04E+08	+	0.004856
Nudt9	MmuINT0111547	chr5	1.04E+08	1.04E+08	+	0.010652
Nudt9	MmuINT0111548	chr5	1.04E+08	1.04E+08	+	0.005125
Nudt9	MmuINT0111549	chr5	1.04E+08	1.04E+08	+	0.00494
Nufip1	MmuINT0111563	chr14	76511134	76511730	+	0.03318
Nufip1	MmuINT0111564	chr14	76511805	76513981	+	0.033027
Nufip1	MmuINT0111565	chr14	76514081	76514784	+	0.053179
Nufip1	MmuINT0111566	chr14	76514848	76515590	+	0.02191
Nufip1	MmuINT0111567	chr14	76515668	76524292	+	0.047225
Nufip1	MmuINT0111568	chr14	76524386	76525944	+	0.030442
Nufip1	MmuINT0111569	chr14	76526139	76530619	+	0.027799
Nufip1	MmuINT0111570	chr14	76530737	76532778	+	0.057818
Nufip1	MmuINT0111571	chr14	76533006	76534592	+	0.034769
Nufip2	MmuINT0111572	chr11	77500010	77505043	+	0.007939
Nufip2	MmuINT0111573	chr11	77506757	77519010	+	0.008665
Nufip2	MmuINT0111574	chr11	77519044	77523184	+	0.013722
Numa1	MmuINT0111576	chr7	1.09E+08	1.09E+08	+	0.009026
Numa1	MmuINT0111577	chr7	1.09E+08	1.09E+08	+	0.009669
Numa1	MmuINT0111578	chr7	1.09E+08	1.09E+08	+	0.015444
Numa1	MmuINT0111579	chr7	1.09E+08	1.09E+08	+	0.004516

Numa1	MmuINT0111580	chr7	1.09E+08	1.09E+08	+	0.83427
Numa1	MmuINT0111581	chr7	1.09E+08	1.09E+08	+	0.129763
Numa1	MmuINT0111582	chr7	1.09E+08	1.09E+08	+	0.025088
Numa1	MmuINT0111583	chr7	1.09E+08	1.09E+08	+	0.018642
Numa1	MmuINT0111584	chr7	1.09E+08	1.09E+08	+	0.032758
Numa1	MmuINT0111585	chr7	1.09E+08	1.09E+08	+	0.129517
Numa1	MmuINT0111586	chr7	1.09E+08	1.09E+08	+	0.014293
Numa1	MmuINT0111587	chr7	1.09E+08	1.09E+08	+	0.040206
Numa1	MmuINT0111588	chr7	1.09E+08	1.09E+08	+	0.04015
Numa1	MmuINT0111589	chr7	1.09E+08	1.09E+08	+	0.069689
Numa1	MmuINT0111590	chr7	1.09E+08	1.09E+08	+	0.040637
Numa1	MmuINT0111591	chr7	1.09E+08	1.09E+08	+	0.079599
Numa1	MmuINT0111592	chr7	1.09E+08	1.09E+08	+	0.018058
Numa1	MmuINT0111593	chr7	1.09E+08	1.09E+08	+	0.017716
Numa1	MmuINT0111594	chr7	1.09E+08	1.09E+08	+	0.04346
Numa1	MmuINT0111595	chr7	1.09E+08	1.09E+08	+	0.007752
Numa1	MmuINT0111596	chr7	1.09E+08	1.09E+08	+	0.013441
Numa1	MmuINT0111597	chr7	1.09E+08	1.09E+08	+	0.005686
Numa1	MmuINT0111598	chr7	1.09E+08	1.09E+08	+	0.013088
Numb	MmuINT0111599	chr12	85172947	85183167	-	0.024047
Numb	MmuINT0111600	chr12	85166242	85172871	-	0.195537
Numb	MmuINT0111601	chr12	85152311	85166208	-	0.188327
Numb	MmuINT0111602	chr12	85149192	85152235	-	0.014651
Numb	MmuINT0111603	chr12	85144935	85149050	-	0.009697
Numb	MmuINT0111604	chr12	85142257	85144729	-	0.013944
Numb	MmuINT0111605	chr12	85140608	85141962	-	0.016991
Numb	MmuINT0111606	chr12	85138294	85140457	-	0.931606
Numb	MmuINT0111607	chr12	85137105	85138146	-	0.97774
Numbl	MmuINT0111610	chr7	28047272	28049894	+	0.210416
Numbl	MmuINT0111611	chr7	28050035	28051573	+	0.112654
Numbl	MmuINT0111613	chr7	28051821	28053797	+	0.053572
Numbl	MmuINT0111614	chr7	28053939	28058973	+	0.062169
Numbl	MmuINT0111615	chr7	28059164	28061645	+	0.075588
Numbl	MmuINT0111616	chr7	28061952	28064522	+	0.056155
Numbl	MmuINT0111617	chr7	28064646	28065772	+	0.041754
Nup107	MmuINT0111618	chr10	1.17E+08	1.17E+08	-	0.035891
Nup107	MmuINT0111619	chr10	1.17E+08	1.17E+08	-	0.047971
Nup107	MmuINT0111620	chr10	1.17E+08	1.17E+08	-	0.04792
Nup107	MmuINT0111621	chr10	1.17E+08	1.17E+08	-	0.028811
Nup107	MmuINT0111622	chr10	1.17E+08	1.17E+08	-	0.049289
Nup107	MmuINT0111623	chr10	1.17E+08	1.17E+08	-	0.050489
Nup107	MmuINT0111624	chr10	1.17E+08	1.17E+08	-	0.04272
Nup107	MmuINT0111625	chr10	1.17E+08	1.17E+08	-	0.040253
Nup107	MmuINT0111626	chr10	1.17E+08	1.17E+08	-	0.040567
Nup107	MmuINT0111627	chr10	1.17E+08	1.17E+08	-	0.037633
Nup107	MmuINT0111628	chr10	1.17E+08	1.17E+08	-	0.074917
Nup107	MmuINT0111629	chr10	1.17E+08	1.17E+08	-	0.036147
Nup107	MmuINT0111630	chr10	1.17E+08	1.17E+08	-	0.058256
Nup107	MmuINT0111631	chr10	1.17E+08	1.17E+08	-	0.034463
Nup107	MmuINT0111632	chr10	1.17E+08	1.17E+08	-	0.031961

Nup107	MmuINT0111633	chr10	1.17E+08	1.17E+08	-	0.031632
Nup107	MmuINT0111634	chr10	1.17E+08	1.17E+08	-	0.021549
Nup107	MmuINT0111635	chr10	1.17E+08	1.17E+08	-	0.022322
Nup107	MmuINT0111636	chr10	1.17E+08	1.17E+08	-	0.052524
Nup107	MmuINT0111637	chr10	1.17E+08	1.17E+08	-	0.031151
Nup107	MmuINT0111638	chr10	1.17E+08	1.17E+08	-	0.039402
Nup107	MmuINT0111639	chr10	1.17E+08	1.17E+08	-	0.028528
Nup107	MmuINT0111640	chr10	1.17E+08	1.17E+08	-	0.032007
Nup107	MmuINT0111641	chr10	1.17E+08	1.17E+08	-	0.040761
Nup107	MmuINT0111642	chr10	1.17E+08	1.17E+08	-	0.045934
Nup107	MmuINT0111643	chr10	1.17E+08	1.17E+08	-	0.154668
Nup107	MmuINT0111644	chr10	1.17E+08	1.17E+08	-	0.049414
Nup133	MmuINT0111645	chr8	1.26E+08	1.26E+08	-	0.028218
Nup133	MmuINT0111646	chr8	1.26E+08	1.26E+08	-	0.022707
Nup133	MmuINT0111647	chr8	1.26E+08	1.26E+08	-	0.016359
Nup133	MmuINT0111648	chr8	1.26E+08	1.26E+08	-	0.022001
Nup133	MmuINT0111649	chr8	1.26E+08	1.26E+08	-	0.021904
Nup133	MmuINT0111650	chr8	1.26E+08	1.26E+08	-	0.031696
Nup133	MmuINT0111651	chr8	1.26E+08	1.26E+08	-	0.016149
Nup133	MmuINT0111652	chr8	1.26E+08	1.26E+08	-	0.079126
Nup133	MmuINT0111653	chr8	1.26E+08	1.26E+08	-	0.050347
Nup133	MmuINT0111654	chr8	1.26E+08	1.26E+08	-	0.014144
Nup133	MmuINT0111655	chr8	1.26E+08	1.26E+08	-	0.030424
Nup133	MmuINT0111656	chr8	1.26E+08	1.26E+08	-	0.025407
Nup133	MmuINT0111657	chr8	1.26E+08	1.26E+08	-	0.018853
Nup133	MmuINT0111658	chr8	1.26E+08	1.26E+08	-	0.024616
Nup133	MmuINT0111659	chr8	1.26E+08	1.26E+08	-	0.023744
Nup133	MmuINT0111660	chr8	1.26E+08	1.26E+08	-	0.028741
Nup133	MmuINT0111661	chr8	1.26E+08	1.26E+08	-	0.05904
Nup133	MmuINT0111662	chr8	1.26E+08	1.26E+08	-	0.041009
Nup133	MmuINT0111663	chr8	1.26E+08	1.26E+08	-	0.018849
Nup133	MmuINT0111664	chr8	1.26E+08	1.26E+08	-	0.019268
Nup133	MmuINT0111665	chr8	1.26E+08	1.26E+08	-	0.022838
Nup133	MmuINT0111666	chr8	1.26E+08	1.26E+08	-	0.015295
Nup133	MmuINT0111667	chr8	1.26E+08	1.26E+08	-	0.021487
Nup133	MmuINT0111668	chr8	1.26E+08	1.26E+08	-	0.024433
Nup133	MmuINT0111669	chr8	1.26E+08	1.26E+08	-	0.030374
Nup153	MmuINT0111670	chr13	46812693	46822728	-	0.037302
Nup153	MmuINT0111671	chr13	46800136	46800537	-	0.044326
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Nup93	MmuINT0112053	chr8	96828154	96829139	+	0.019854
Nup93	MmuINT0112061	chr8	96751756	96767553	+	0.016913
Nup93	MmuINT0112062	chr8	96767672	96805170	+	0.022385
Nup93	MmuINT0112063	chr8	96805234	96810388	+	0.016201
Nup93	MmuINT0112064	chr8	96810518	96816567	+	0.018665

Nup93	MmuINT0112065	chr8	96816643	96818920	+	0.10485
Nup93	MmuINT0112066	chr8	96819011	96820349	+	0.011516
Nup93	MmuINT0112067	chr8	96820490	96824659	+	0.02075
Nup98	MmuINT0112068	chr7	1.09E+08	1.09E+08	-	0.031606
Nup98	MmuINT0112070	chr7	1.09E+08	1.09E+08	-	0.025588
Nup98	MmuINT0112071	chr7	1.09E+08	1.09E+08	-	0.025346
Nup98	MmuINT0112073	chr7	1.09E+08	1.09E+08	-	0.022516
Nup98	MmuINT0112074	chr7	1.09E+08	1.09E+08	-	0.014769
Nup98	MmuINT0112075	chr7	1.09E+08	1.09E+08	-	0.014465
Nup98	MmuINT0112076	chr7	1.09E+08	1.09E+08	-	0.015128
Nup98	MmuINT0112077	chr7	1.09E+08	1.09E+08	-	0.012598
Nup98	MmuINT0112078	chr7	1.09E+08	1.09E+08	-	0.013221
Nup98	MmuINT0112079	chr7	1.09E+08	1.09E+08	-	0.017915
Nup98	MmuINT0112080	chr7	1.09E+08	1.09E+08	-	0.117707
Nup98	MmuINT0112081	chr7	1.09E+08	1.09E+08	-	0.0176
Nup98	MmuINT0112082	chr7	1.09E+08	1.09E+08	-	0.012096
Nup98	MmuINT0112083	chr7	1.09E+08	1.09E+08	-	0.01578
Nup98	MmuINT0112084	chr7	1.09E+08	1.09E+08	-	0.016134
Nup98	MmuINT0112085	chr7	1.09E+08	1.09E+08	-	0.018472
Nup98	MmuINT0112086	chr7	1.09E+08	1.09E+08	-	0.019627
Nup98	MmuINT0112087	chr7	1.09E+08	1.09E+08	-	0.017663
Nup98	MmuINT0112088	chr7	1.09E+08	1.09E+08	-	0.012773
Nup98	MmuINT0112089	chr7	1.09E+08	1.09E+08	-	0.021988
Nupl1	MmuINT0112090	chr14	60866304	60869999	-	0.016082
Nupl1	MmuINT0112091	chr14	60850994	60851383	-	0.016897
Nupl1	MmuINT0112092	chr14	60847748	60850910	-	0.012477
Nupl1	MmuINT0112093	chr14	60842253	60847545	-	0.230728
Nupl1	MmuINT0112094	chr14	60840516	60842153	-	0.047191
Nupl1	MmuINT0112095	chr14	60838996	60840419	-	0.157848
Nupl1	MmuINT0112096	chr14	60863501	60866160	-	0.010374
Nupl1	MmuINT0112097	chr14	60862332	60863350	-	0.008171
Nupl1	MmuINT0112098	chr14	60861495	60862193	-	0.012229
Nupl1	MmuINT0112099	chr14	60859636	60861383	-	0.025678
Nupl1	MmuINT0112101	chr14	60857464	60858317	-	0.015972
Nupl1	MmuINT0112102	chr14	60853147	60857288	-	0.010149
Nupl1	MmuINT0112103	chr14	60851503	60853066	-	0.014537
Nupl2	MmuINT0112104	chr5	23671022	23673160	+	0.032509
Nupl2	MmuINT0112105	chr5	23673384	23675113	+	0.019271
Nupl2	MmuINT0112106	chr5	23675209	23681271	+	0.055601
Nupl2	MmuINT0112107	chr5	23681349	23683817	+	0.054521
Nupl2	MmuINT0112108	chr5	23683905	23686898	+	0.028413
Nupl2	MmuINT0112109	chr5	23686984	23687725	+	0.043915
Nupr1	MmuINT0112110	chr7	1.34E+08	1.34E+08	-	0.197997
Nus1	MmuINT0112112	chr10	52137975	52148998	+	0.013148
Nus1	MmuINT0112113	chr10	52149125	52149872	+	0.003135
Nus1	MmuINT0112114	chr10	52150023	52153150	+	0.016357
Nus1	MmuINT0112115	chr10	52153251	52156382	+	0.009675
Nvl	MmuINT0112137	chr1	1.83E+08	1.83E+08	-	0.036154
Nvl	MmuINT0112138	chr1	1.83E+08	1.83E+08	-	0.024059
Nvl	MmuINT0112139	chr1	1.83E+08	1.83E+08	-	0.016318

Nvl	MmuINT0112140	chr1	1.83E+08	1.83E+08	-	0.012865
Nvl	MmuINT0112141	chr1	1.83E+08	1.83E+08	-	0.017761
Nvl	MmuINT0112142	chr1	1.83E+08	1.83E+08	-	0.022179
Nvl	MmuINT0112143	chr1	1.83E+08	1.83E+08	-	0.027162
Nvl	MmuINT0112144	chr1	1.83E+08	1.83E+08	-	0.019619
Nvl	MmuINT0112145	chr1	1.83E+08	1.83E+08	-	0.027922
Nvl	MmuINT0112146	chr1	1.83E+08	1.83E+08	-	0.031042
Nvl	MmuINT0112147	chr1	1.83E+08	1.83E+08	-	0.032944
Nvl	MmuINT0112148	chr1	1.83E+08	1.83E+08	-	0.033229
Nvl	MmuINT0112149	chr1	1.83E+08	1.83E+08	-	0.043931
Nvl	MmuINT0112150	chr1	1.83E+08	1.83E+08	-	0.109898
Nvl	MmuINT0112151	chr1	1.83E+08	1.83E+08	-	0.028241
Nvl	MmuINT0112152	chr1	1.83E+08	1.83E+08	-	0.027046
Nvl	MmuINT0112153	chr1	1.83E+08	1.83E+08	-	0.023128
Nvl	MmuINT0112154	chr1	1.83E+08	1.83E+08	-	0.024088
Nvl	MmuINT0112155	chr1	1.83E+08	1.83E+08	-	0.012453
Nvl	MmuINT0112156	chr1	1.83E+08	1.83E+08	-	0.017026
Nvl	MmuINT0112157	chr1	1.83E+08	1.83E+08	-	0.02018
Nvl	MmuINT0112158	chr1	1.83E+08	1.83E+08	-	0.026197
Nxf1	MmuINT0112177	chr19	8831750	8836801	+	0.008324
Nxf1	MmuINT0112178	chr19	8839522	8841286	+	0.605442
Nxf1	MmuINT0112179	chr19	8841324	8841569	+	0.0196
Nxf1	MmuINT0112180	chr19	8841639	8841717	+	0.066312
Nxf1	MmuINT0112181	chr19	8841774	8841856	+	0.010703
Nxf1	MmuINT0112182	chr19	8841965	8842062	+	0.008744
Nxf1	MmuINT0112183	chr19	8842122	8842219	+	0.005819
Nxf1	MmuINT0112184	chr19	8842336	8842463	+	0.007455
Nxf1	MmuINT0112185	chr19	8842507	8843078	+	0.01463
Nxf1	MmuINT0112186	chr19	8843152	8843490	+	0.007475
Nxf1	MmuINT0112187	chr19	8843674	8844749	+	0.009785
Nxf1	MmuINT0112188	chr19	8836986	8837172	+	0.004385
Nxf1	MmuINT0112189	chr19	8844811	8845063	+	0.005903
Nxf1	MmuINT0112190	chr19	8837327	8838022	+	0.010071
Nxf1	MmuINT0112191	chr19	8838107	8838186	+	0.00717
Nxf1	MmuINT0112192	chr19	8838292	8838405	+	0.008294
Nxf1	MmuINT0112193	chr19	8838487	8838569	+	0.007885
Nxf1	MmuINT0112194	chr19	8838640	8838750	+	0.008904
Nxf1	MmuINT0112195	chr19	8838840	8838988	+	0.016705
Nxf1	MmuINT0112196	chr19	8839097	8839411	+	0.004302
Nxn	MmuINT0112257	chr11	76092094	76212202	-	0.026477
Nxn	MmuINT0112258	chr11	76088151	76091975	-	0.019456
Nxn	MmuINT0112259	chr11	76087574	76088016	-	0.017911
Nxn	MmuINT0112260	chr11	76085985	76087472	-	0.024537
Nxn	MmuINT0112261	chr11	76076690	76085877	-	0.039807
Nxn	MmuINT0112262	chr11	76075169	76076509	-	0.016906
Nxn	MmuINT0112263	chr11	76072250	76075043	-	0.02792
Nxt1	MmuINT0112272	chr2	1.48E+08	1.49E+08	+	0.030806
Nxt2	MmuINT0112273	chrX	1.39E+08	1.39E+08	+	0.05297
Nxt2	MmuINT0112274	chrX	1.39E+08	1.39E+08	+	0.053319
Nxt2	MmuINT0112275	chrX	1.39E+08	1.39E+08	+	0.027491

ORF19	MmuINT0112286	chr17	66468220	66468336	+	0.038259
ORF19	MmuINT0112287	chr17	66463357	66465010	+	0.027868
ORF19	MmuINT0112288	chr17	66465123	66465293	+	0.051671
ORF19	MmuINT0112289	chr17	66465441	66465599	+	0.019464
ORF19	MmuINT0112290	chr17	66465737	66465968	+	0.057045
ORF19	MmuINT0112291	chr17	66466102	66466312	+	0.010092
ORF19	MmuINT0112292	chr17	66466515	66466603	+	0.020046
ORF19	MmuINT0112293	chr17	66466784	66467402	+	0.010882
ORF19	MmuINT0112294	chr17	66467562	66468150	+	0.009447
ORF61	MmuINT0112296	chr10	79440599	79440707	-	0.004728
ORF61	MmuINT0112297	chr10	79442136	79442240	-	0.001093
ORF61	MmuINT0112298	chr10	79441954	79442035	-	0.002024
ORF61	MmuINT0112299	chr10	79441736	79441842	-	0.002366
ORF61	MmuINT0112300	chr10	79441539	79441612	-	0.005276
ORF61	MmuINT0112301	chr10	79441351	79441437	-	0.008918
ORF61	MmuINT0112302	chr10	79441221	79441292	-	0.120918
ORF61	MmuINT0112303	chr10	79441066	79441136	-	0.020353
ORF61	MmuINT0112304	chr10	79440808	79440932	-	0.067253
Oaf	MmuINT0112309	chr9	43033094	43047389	-	0.035357
Oaf	MmuINT0112310	chr9	43032161	43032958	-	0.016757
Oaf	MmuINT0112311	chr9	43030923	43031979	-	0.041502
Oas1b	MmuINT0112318	chr5	1.21E+08	1.21E+08	+	0.552557
Oas1b	MmuINT0112322	chr5	1.21E+08	1.21E+08	+	0.177341
Oas2	MmuINT0112357	chr5	1.21E+08	1.21E+08	-	0.282934
Oas2	MmuINT0112359	chr5	1.21E+08	1.21E+08	-	0.775983
Oas2	MmuINT0112360	chr5	1.21E+08	1.21E+08	-	0.02959
Oas2	MmuINT0112361	chr5	1.21E+08	1.21E+08	-	0.017951
Oas2	MmuINT0112362	chr5	1.21E+08	1.21E+08	-	0.017188
Oas2	MmuINT0112363	chr5	1.21E+08	1.21E+08	-	0.039983
Oas2	MmuINT0112364	chr5	1.21E+08	1.21E+08	-	0.022441
Oas2	MmuINT0112365	chr5	1.21E+08	1.21E+08	-	0.027096
Oasl1	MmuINT0112385	chr5	1.15E+08	1.15E+08	+	0.355818
Oasl1	MmuINT0112386	chr5	1.15E+08	1.15E+08	+	0.055955
Oasl2	MmuINT0112388	chr5	1.15E+08	1.15E+08	+	0.052645
Oasl2	MmuINT0112389	chr5	1.15E+08	1.15E+08	+	0.169426
Oasl2	MmuINT0112390	chr5	1.15E+08	1.15E+08	+	0.021749
Oasl2	MmuINT0112391	chr5	1.15E+08	1.15E+08	+	0.058957
Oat	MmuINT0112392	chr7	1.4E+08	1.4E+08	-	0.006941
Oat	MmuINT0112393	chr7	1.4E+08	1.4E+08	-	0.000673
Oat	MmuINT0112394	chr7	1.4E+08	1.4E+08	-	0.000227
Oat	MmuINT0112395	chr7	1.4E+08	1.4E+08	-	0.004116
Oat	MmuINT0112396	chr7	1.4E+08	1.4E+08	-	0.001744
Oat	MmuINT0112397	chr7	1.4E+08	1.4E+08	-	0.006229
Oat	MmuINT0112398	chr7	1.4E+08	1.4E+08	-	0.00084
Oat	MmuINT0112399	chr7	1.4E+08	1.4E+08	-	0.002739
Oat	MmuINT0112400	chr7	1.4E+08	1.4E+08	-	0.003493
Obfc1	MmuINT0112413	chr19	47610862	47611303	-	0.018307
Obfc1	MmuINT0112414	chr19	47603223	47610685	-	0.016589
Obfc1	MmuINT0112415	chr19	47599246	47603126	-	0.014832
Obfc1	MmuINT0112416	chr19	47591685	47599176	-	0.0333



Obfc1	MmuINT0112417	chr19	47590705	47591516	-	0.034801
Obfc1	MmuINT0112418	chr19	47588473	47590580	-	0.06599
Obfc1	MmuINT0112419	chr19	47584948	47588300	-	0.022008
Obfc1	MmuINT0112420	chr19	47582369	47584824	-	0.074311
Obfc1	MmuINT0112421	chr19	47576208	47582295	-	0.023212
Obfc2a	MmuINT0112422	chr1	51534461	51534668	-	0.347891
Obfc2a	MmuINT0112423	chr1	51531450	51534321	-	0.005568
Obfc2a	MmuINT0112424	chr1	51529926	51531377	-	0.003215
Obfc2a	MmuINT0112425	chr1	51529225	51529849	-	0.004075
Obfc2a	MmuINT0112426	chr1	51528256	51529172	-	0.008558
Obfc2b	MmuINT0112427	chr10	1.28E+08	1.28E+08	-	0.046295
Obfc2b	MmuINT0112428	chr10	1.28E+08	1.28E+08	-	0.006837
Obfc2b	MmuINT0112429	chr10	1.28E+08	1.28E+08	-	0.004559
Obfc2b	MmuINT0112430	chr10	1.28E+08	1.28E+08	-	0.015695
Obfc2b	MmuINT0112431	chr10	1.28E+08	1.28E+08	-	0.005428
Obfc2b	MmuINT0112432	chr10	1.28E+08	1.28E+08	-	0.022756
Obscn	MmuINT0112450	chr11	58948323	58948895	-	0.004115
Obscn	MmuINT0112451	chr11	58929437	58936121	-	0.002483
Obscn	MmuINT0112452	chr11	58809064	58809289	-	0.00197
Obscn	MmuINT0112453	chr11	58808606	58808839	-	0.003067
Obscn	MmuINT0112454	chr11	58808337	58808529	-	0.004219
Obscn	MmuINT0112455	chr11	58808012	58808186	-	0.003486
Obscn	MmuINT0112456	chr11	58926297	58929160	-	0.003917
Obscn	MmuINT0112458	chr11	58920073	58921243	-	0.002173
Obscn	MmuINT0112459	chr11	58917053	58919796	-	0.001991
Obscn	MmuINT0112460	chr11	58913468	58916776	-	0.001035
Obscn	MmuINT0112461	chr11	58907074	58913191	-	0.004328
Obscn	MmuINT0112464	chr11	58895961	58896118	-	0.003183
Obscn	MmuINT0112465	chr11	58947463	58948052	-	0.005828
Obscn	MmuINT0112466	chr11	58895567	58895693	-	0.007955
Obscn	MmuINT0112467	chr11	58894466	58895296	-	0.003349
Obscn	MmuINT0112468	chr11	58893870	58894198	-	0.002337
Obscn	MmuINT0112469	chr11	58893422	58893602	-	0.003798
Obscn	MmuINT0112470	chr11	58893213	58893311	-	0.003113
Obscn	MmuINT0112472	chr11	58891948	58892303	-	0.002273
Obscn	MmuINT0112473	chr11	58891453	58891680	-	0.006997
Obscn	MmuINT0112474	chr11	58890615	58891182	-	0.00598
Obscn	MmuINT0112475	chr11	58890253	58890347	-	0.003361
Obscn	MmuINT0112476	chr11	58946832	58947201	-	0.004224
Obscn	MmuINT0112477	chr11	58889903	58889985	-	0.003375
Obscn	MmuINT0112478	chr11	58888666	58889635	-	0.003427
Obscn	MmuINT0112479	chr11	58887279	58888392	-	0.0026
Obscn	MmuINT0112480	chr11	58886876	58887011	-	0.002189
Obscn	MmuINT0112481	chr11	58883514	58886608	-	0.003935
Obscn	MmuINT0112482	chr11	58882797	58883240	-	0.035556
Obscn	MmuINT0112483	chr11	58881713	58882529	-	0.002703
Obscn	MmuINT0112484	chr11	58881349	58881445	-	0.001737
Obscn	MmuINT0112485	chr11	58880832	58881084	-	0.069567
Obscn	MmuINT0112486	chr11	58877953	58880567	-	0.071081
Obscn	MmuINT0112487	chr11	58946230	58946522	-	0.002897

Obscn	MmuINT0112488	chr11	58877186	58877688	-	0.456158
Obscn	MmuINT0112492	chr11	58869727	58874345	-	0.027951
Obscn	MmuINT0112495	chr11	58865297	58865946	-	0.031127
Obscn	MmuINT0112496	chr11	58864906	58865029	-	0.002541
Obscn	MmuINT0112497	chr11	58864079	58864632	-	0.001395
Obscn	MmuINT0112498	chr11	58945331	58945962	-	0.004618
Obscn	MmuINT0112499	chr11	58863376	58863802	-	0.002915
Obscn	MmuINT0112500	chr11	58863003	58863178	-	0.001791
Obscn	MmuINT0112504	chr11	58854087	58855066	-	0.001693
Obscn	MmuINT0112505	chr11	58852701	58853712	-	0.001146
Obscn	MmuINT0112506	chr11	58851316	58851823	-	0.001067
Obscn	MmuINT0112507	chr11	58850319	58851036	-	0.002152
Obscn	MmuINT0112508	chr11	58849971	58850239	-	0.002056
Obscn	MmuINT0112510	chr11	58849647	58849851	-	0.001521
Obscn	MmuINT0112511	chr11	58848914	58849448	-	0.002948
Obscn	MmuINT0112512	chr11	58848634	58848880	-	0.002143
Obscn	MmuINT0112513	chr11	58848416	58848534	-	0.004267
Obscn	MmuINT0112514	chr11	58847700	58848196	-	0.002932
Obscn	MmuINT0112515	chr11	58847285	58847638	-	0.002779
Obscn	MmuINT0112516	chr11	58846519	58847213	-	0.002234
Obscn	MmuINT0112517	chr11	58846268	58846395	-	0.001151
Obscn	MmuINT0112518	chr11	58845524	58846127	-	0.001814
Obscn	MmuINT0112519	chr11	58845167	58845322	-	0.002204
Obscn	MmuINT0112521	chr11	58844700	58845083	-	0.003798
Obscn	MmuINT0112522	chr11	58843678	58844525	-	0.004193
Obscn	MmuINT0112523	chr11	58843089	58843520	-	0.022575
Obscn	MmuINT0112524	chr11	58842868	58842971	-	0.002561
Obscn	MmuINT0112525	chr11	58842528	58842702	-	0.001336
Obscn	MmuINT0112526	chr11	58842177	58842368	-	0.001092
Obscn	MmuINT0112527	chr11	58841026	58841998	-	0.001462
Obscn	MmuINT0112528	chr11	58835898	58840911	-	0.007844
Obscn	MmuINT0112529	chr11	58835470	58835729	-	0.006503
Obscn	MmuINT0112530	chr11	58835052	58835366	-	0.001312
Obscn	MmuINT0112532	chr11	58834071	58834921	-	0.002977
Obscn	MmuINT0112534	chr11	58821712	58822010	-	0.994658
Obscn	MmuINT0112535	chr11	58821404	58821542	-	0.995834
Obscn	MmuINT0112536	chr11	58821227	58821324	-	0.985773
Obscn	MmuINT0112537	chr11	58820320	58821025	-	0.997219
Obscn	MmuINT0112538	chr11	58817209	58820258	-	0.994617
Obscn	MmuINT0112539	chr11	58816882	58817130	-	0.964848
Obscn	MmuINT0112540	chr11	58816520	58816708	-	0.921114
Obscn	MmuINT0112541	chr11	58815672	58816492	-	0.842795
Obscn	MmuINT0112543	chr11	58815427	58815518	-	0.276465
Obscn	MmuINT0112544	chr11	58815034	58815380	-	0.328554
Obscn	MmuINT0112545	chr11	58814681	58814955	-	0.267205
Obscn	MmuINT0112546	chr11	58812064	58812696	-	0.003357
Obscn	MmuINT0112548	chr11	58811645	58811762	-	0.003164
Obscn	MmuINT0112549	chr11	58810788	58811476	-	0.002152
Obscn	MmuINT0112550	chr11	58810519	58810664	-	0.002957
Obscn	MmuINT0112551	chr11	58809814	58810347	-	0.007831

Obscn	MmuINT0112552	chr11	58809530	58809728	-	0.003297
Obscn	MmuINT0112562	chr11	58867340	58867663	-	0.002489
Obscn	MmuINT0112569	chr11	58827299	58828937	-	0.082935
Obsl1	MmuINT0112570	chr1	75500542	75501787	-	0.00796
Obsl1	MmuINT0112571	chr1	75489369	75489444	-	0.016732
Obsl1	MmuINT0112572	chr1	75488033	75489080	-	0.204634
Obsl1	MmuINT0112573	chr1	75487644	75487762	-	0.147502
Obsl1	MmuINT0112574	chr1	75486325	75487370	-	0.044517
Obsl1	MmuINT0112575	chr1	75485277	75486057	-	0.044451
Obsl1	MmuINT0112576	chr1	75484638	75485163	-	0.047009
Obsl1	MmuINT0112577	chr1	75484366	75484480	-	0.005938
Obsl1	MmuINT0112578	chr1	75483903	75484203	-	0.014448
Obsl1	MmuINT0112579	chr1	75483485	75483797	-	0.030187
Obsl1	MmuINT0112580	chr1	75482535	75483214	-	0.049357
Obsl1	MmuINT0112581	chr1	75500194	75500271	-	0.015464
Obsl1	MmuINT0112582	chr1	75499791	75499941	-	0.003285
Obsl1	MmuINT0112583	chr1	75498831	75499487	-	0.005643
Obsl1	MmuINT0112584	chr1	75496750	75498533	-	0.006132
Obsl1	MmuINT0112585	chr1	75494923	75496476	-	0.003448
Obsl1	MmuINT0112586	chr1	75493856	75494649	-	0.005683
Obsl1	MmuINT0112588	chr1	75489721	75490359	-	0.006992
Ocel1	MmuINT0112625	chr8	73895885	73896366	+	0.157211
Ocel1	MmuINT0112626	chr8	73896533	73896647	+	0.106902
Ocel1	MmuINT0112627	chr8	73896702	73896844	+	0.04601
Ociad1	MmuINT0112628	chr5	73684216	73685523	+	0.001553
Ociad1	MmuINT0112629	chr5	73685587	73686164	+	0.001243
Ociad1	MmuINT0112630	chr5	73686246	73691902	+	0.004923
Ociad1	MmuINT0112631	chr5	73691957	73694830	+	0.001989
Ociad1	MmuINT0112632	chr5	73694879	73695787	+	0.00482
Ociad1	MmuINT0112633	chr5	73695924	73697816	+	0.001587
Ociad1	MmuINT0112634	chr5	73701666	73704681	+	0.035781
Ociad2	MmuINT0112636	chr5	73723440	73727058	-	0.019913
Ociad2	MmuINT0112637	chr5	73720560	73723342	-	0.028893
Ociad2	MmuINT0112639	chr5	73717638	73718901	-	0.047253
Ociad2	MmuINT0112640	chr5	73715087	73717519	-	0.031906
Ocrl	MmuINT0112653	chrX	45265869	45266145	+	0.051253
Ocrl	MmuINT0112654	chrX	45288137	45289266	+	0.031802
Ocrl	MmuINT0112655	chrX	45289384	45289477	+	0.035177
Ocrl	MmuINT0112656	chrX	45289666	45291475	+	0.024257
Ocrl	MmuINT0112657	chrX	45291588	45294285	+	0.028374
Ocrl	MmuINT0112658	chrX	45294396	45296682	+	0.028806
Ocrl	MmuINT0112659	chrX	45296819	45300179	+	0.027864
Ocrl	MmuINT0112660	chrX	45300291	45300883	+	0.040013
Ocrl	MmuINT0112661	chrX	45301050	45301301	+	0.024767
Ocrl	MmuINT0112664	chrX	45266226	45269651	+	0.060472
Ocrl	MmuINT0112665	chrX	45313747	45314553	+	0.060345
Ocrl	MmuINT0112666	chrX	45314639	45315256	+	0.037338
Ocrl	MmuINT0112667	chrX	45315385	45316317	+	0.031243
Ocrl	MmuINT0112668	chrX	45316430	45316636	+	0.019639
Ocrl	MmuINT0112670	chrX	45273377	45283547	+	0.063476

Ocrl	MmulINT0112671	chrX	45283659	45284074	+	0.029449
Ocrl	MmulINT0112672	chrX	45284162	45284752	+	0.072609
Ocrl	MmulINT0112673	chrX	45284874	45284960	+	0.028217
Ocrl	MmulINT0112674	chrX	45285123	45286550	+	0.030367
Ocrl	MmulINT0112675	chrX	45286653	45288021	+	0.040335
Odf2	MmulINT0112697	chr2	29745442	29747705	+	0.022168
Odf2	MmulINT0112698	chr2	29769823	29769913	+	0.016837
Odf2	MmulINT0112699	chr2	29770031	29770253	+	0.010357
Odf2	MmulINT0112700	chr2	29770440	29770727	+	0.013558
Odf2	MmulINT0112701	chr2	29770838	29773129	+	0.024144
Odf2	MmulINT0112702	chr2	29773266	29776294	+	0.010241
Odf2	MmulINT0112703	chr2	29776406	29776523	+	0.0091
Odf2	MmulINT0112704	chr2	29776629	29777732	+	0.015342
Odf2	MmulINT0112705	chr2	29779160	29781459	+	0.268805
Odf2	MmulINT0112706	chr2	29781623	29782223	+	0.02895
Odf2	MmulINT0112707	chr2	29747797	29748520	+	0.018461
Odf2	MmulINT0112708	chr2	29782350	29785989	+	0.020497
Odf2	MmulINT0112709	chr2	29748675	29748963	+	0.032759
Odf2	MmulINT0112710	chr2	29749090	29756596	+	0.019389
Odf2	MmulINT0112711	chr2	29756768	29757700	+	0.015367
Odf2	MmulINT0112712	chr2	29757862	29758840	+	0.01197
Odf2	MmulINT0112713	chr2	29758971	29759495	+	0.009428
Odf2	MmulINT0112714	chr2	29768161	29769750	+	0.018688
Odf2l	MmulINT0112719	chr3	1.45E+08	1.45E+08	+	0.042361
Odf2l	MmulINT0112720	chr3	1.45E+08	1.45E+08	+	0.064447
Odf2l	MmulINT0112723	chr3	1.45E+08	1.45E+08	+	0.074456
Odf2l	MmulINT0112724	chr3	1.45E+08	1.45E+08	+	0.017709
Odf2l	MmulINT0112725	chr3	1.45E+08	1.45E+08	+	0.013778
Odf2l	MmulINT0112726	chr3	1.45E+08	1.45E+08	+	0.026215
Odf2l	MmulINT0112727	chr3	1.45E+08	1.45E+08	+	0.031962
Odf2l	MmulINT0112728	chr3	1.45E+08	1.45E+08	+	0.040157
Odf2l	MmulINT0112729	chr3	1.45E+08	1.45E+08	+	0.032046
Odf2l	MmulINT0112730	chr3	1.45E+08	1.45E+08	+	0.019281
Odf2l	MmulINT0112731	chr3	1.45E+08	1.45E+08	+	0.023356
Odf2l	MmulINT0112732	chr3	1.45E+08	1.45E+08	+	0.025849
Odf2l	MmulINT0112733	chr3	1.45E+08	1.45E+08	+	0.023371
Odf1	MmulINT0112897	chrX	1.63E+08	1.63E+08	-	0.061039
Odf1	MmulINT0112898	chrX	1.63E+08	1.63E+08	-	0.031052
Odf1	MmulINT0112899	chrX	1.63E+08	1.63E+08	-	0.048318
Odf1	MmulINT0112900	chrX	1.63E+08	1.63E+08	-	0.044474
Odf1	MmulINT0112901	chrX	1.63E+08	1.63E+08	-	0.031678
Odf1	MmulINT0112902	chrX	1.63E+08	1.63E+08	-	0.036587
Odf1	MmulINT0112903	chrX	1.63E+08	1.63E+08	-	0.077408
Odf1	MmulINT0112904	chrX	1.63E+08	1.63E+08	-	0.017796
Odf1	MmulINT0112905	chrX	1.63E+08	1.63E+08	-	0.028175
Odf1	MmulINT0112906	chrX	1.63E+08	1.63E+08	-	0.050347
Odf1	MmulINT0112907	chrX	1.63E+08	1.63E+08	-	0.017176
Odf1	MmulINT0112908	chrX	1.63E+08	1.63E+08	-	0.047391
Odf1	MmulINT0112909	chrX	1.63E+08	1.63E+08	-	0.03497
Odf1	MmulINT0112910	chrX	1.63E+08	1.63E+08	-	0.071632

Ofd1	MmuINT0112911	chrX	1.63E+08	1.63E+08	-	0.244785
Ofd1	MmuINT0112912	chrX	1.63E+08	1.63E+08	-	0.053822
Ofd1	MmuINT0112913	chrX	1.63E+08	1.63E+08	-	0.060381
Ofd1	MmuINT0112914	chrX	1.63E+08	1.63E+08	-	0.041189
Ofd1	MmuINT0112915	chrX	1.63E+08	1.63E+08	-	0.052475
Ofd1	MmuINT0112916	chrX	1.63E+08	1.63E+08	-	0.0482
Ofd1	MmuINT0112917	chrX	1.63E+08	1.63E+08	-	0.085895
Ofd1	MmuINT0112918	chrX	1.63E+08	1.63E+08	-	0.041009
Ogdh	MmuINT0112919	chr11	6191697	6196954	+	0.010865
Ogdh	MmuINT0112920	chr11	6242627	6246517	+	0.001197
Ogdh	MmuINT0112921	chr11	6246698	6247100	+	0.001711
Ogdh	MmuINT0112922	chr11	6247254	6247831	+	0.000206
Ogdh	MmuINT0112923	chr11	6247935	6248237	+	0.000249
Ogdh	MmuINT0112924	chr11	6248367	6248660	+	0.0006
Ogdh	MmuINT0112925	chr11	6248812	6249102	+	0.002924
Ogdh	MmuINT0112926	chr11	6249231	6249317	+	0.001015
Ogdh	MmuINT0112927	chr11	6249497	6249844	+	0.001602
Ogdh	MmuINT0112928	chr11	6249917	6250608	+	0.006148
Ogdh	MmuINT0112929	chr11	6250738	6252128	+	0.006201
Ogdh	MmuINT0112930	chr11	6197203	6213790	+	0.000449
Ogdh	MmuINT0112931	chr11	6252202	6254931	+	0.001328
Ogdh	MmuINT0112932	chr11	6255096	6255293	+	0.000197
Ogdh	MmuINT0112933	chr11	6255449	6255556	+	0.000322
Ogdh	MmuINT0112934	chr11	6213983	6216980	+	0.000272
Ogdh	MmuINT0112935	chr11	6217084	6234535	+	0.00056
Ogdh	MmuINT0112936	chr11	6234652	6238560	+	0.000489
Ogdh	MmuINT0112937	chr11	6238716	6239111	+	0.000146
Ogdh	MmuINT0112938	chr11	6239259	6239840	+	0.000575
Ogdh	MmuINT0112939	chr11	6239932	6240445	+	0.000227
Ogdh	MmuINT0112940	chr11	6240626	6242497	+	0.000114
Ogdhl	MmuINT0112941	chr14	33135303	33137064	+	0.037537
Ogdhl	MmuINT0112942	chr14	33150808	33150940	+	0.002584
Ogdhl	MmuINT0112943	chr14	33151070	33152392	+	0.002211
Ogdhl	MmuINT0112944	chr14	33152573	33153088	+	0.002051
Ogdhl	MmuINT0112945	chr14	33153242	33153830	+	0.002099
Ogdhl	MmuINT0112946	chr14	33153934	33154387	+	0.003673
Ogdhl	MmuINT0112947	chr14	33154517	33155225	+	0.001701
Ogdhl	MmuINT0112948	chr14	33155377	33156388	+	0.043113
Ogdhl	MmuINT0112949	chr14	33156517	33157509	+	0.012282
Ogdhl	MmuINT0112950	chr14	33157689	33157899	+	0.013809
Ogdhl	MmuINT0112951	chr14	33157972	33158068	+	0.005204
Ogdhl	MmuINT0112952	chr14	33137134	33138979	+	0.038625
Ogdhl	MmuINT0112953	chr14	33158195	33158295	+	0.039134
Ogdhl	MmuINT0112954	chr14	33158369	33159583	+	0.051897
Ogdhl	MmuINT0112955	chr14	33159748	33159884	+	0.021253
Ogdhl	MmuINT0112956	chr14	33160040	33160691	+	0.007002
Ogdhl	MmuINT0112957	chr14	33139185	33140164	+	0.008444
Ogdhl	MmuINT0112958	chr14	33140336	33145366	+	0.002523
Ogdhl	MmuINT0112960	chr14	33145788	33145933	+	0.002642
Ogdhl	MmuINT0112961	chr14	33146089	33146895	+	0.002355

Ogdhl	MmuINT0112962	chr14	33147043	33148520	+	0.003109
Ogdhl	MmuINT0112963	chr14	33148612	33150627	+	0.009463
Ogfod1	MmuINT0112964	chr8	96561343	96562864	+	0.027326
Ogfod1	MmuINT0112965	chr8	96586990	96587368	+	0.028029
Ogfod1	MmuINT0112966	chr8	96587428	96588078	+	0.01896
Ogfod1	MmuINT0112967	chr8	96563011	96571171	+	0.02978
Ogfod1	MmuINT0112968	chr8	96571219	96575974	+	0.016133
Ogfod1	MmuINT0112969	chr8	96576076	96578503	+	0.01572
Ogfod1	MmuINT0112970	chr8	96578621	96579152	+	0.036437
Ogfod1	MmuINT0112972	chr8	96580058	96581615	+	0.016958
Ogfod1	MmuINT0112973	chr8	96581696	96581949	+	0.025774
Ogfod1	MmuINT0112974	chr8	96582264	96586866	+	0.011112
Ogfod2	MmuINT0112977	chr5	1.25E+08	1.25E+08	+	0.01591
Ogfod2	MmuINT0112978	chr5	1.25E+08	1.25E+08	+	0.089433
Ogfod2	MmuINT0112979	chr5	1.25E+08	1.25E+08	+	0.018201
Ogfod2	MmuINT0112980	chr5	1.25E+08	1.25E+08	+	0.045387
Ogfod2	MmuINT0112981	chr5	1.25E+08	1.25E+08	+	0.072918
Ogfod2	MmuINT0112982	chr5	1.25E+08	1.25E+08	+	0.091988
Ogfr	MmuINT0112983	chr2	1.8E+08	1.8E+08	+	0.006627
Ogfr	MmuINT0112984	chr2	1.8E+08	1.8E+08	+	0.009919
Ogfr	MmuINT0112985	chr2	1.8E+08	1.8E+08	+	0.039762
Ogfr	MmuINT0112986	chr2	1.8E+08	1.8E+08	+	0.039795
Ogfr	MmuINT0112987	chr2	1.8E+08	1.8E+08	+	0.029601
Ogfr	MmuINT0112988	chr2	1.8E+08	1.8E+08	+	0.03144
Ogfrl1	MmuINT0112989	chr1	23385898	23389653	-	0.006262
Ogfrl1	MmuINT0112990	chr1	23385644	23385810	-	0.005796
Ogfrl1	MmuINT0112991	chr1	23383089	23385564	-	0.022769
Ogfrl1	MmuINT0112992	chr1	23382894	23383009	-	0.009385
Ogfrl1	MmuINT0112993	chr1	23382715	23382826	-	0.011894
Ogfrl1	MmuINT0112994	chr1	23377288	23382568	-	0.021445
Ogg1	MmuINT0112995	chr6	1.13E+08	1.13E+08	+	0.063272
Ogg1	MmuINT0112996	chr6	1.13E+08	1.13E+08	+	0.155541
Ogg1	MmuINT0112997	chr6	1.13E+08	1.13E+08	+	0.021162
Ogg1	MmuINT0112998	chr6	1.13E+08	1.13E+08	+	0.031383
Ogg1	MmuINT0112999	chr6	1.13E+08	1.13E+08	+	0.059072
Ogg1	MmuINT0113000	chr6	1.13E+08	1.13E+08	+	0.064134
Ogn	MmuINT0113001	chr13	49703496	49704482	+	0.084588
Ogn	MmuINT0113002	chr13	49704727	49706668	+	0.003005
Ogn	MmuINT0113003	chr13	49706763	49710923	+	0.002457
Ogn	MmuINT0113004	chr13	49711083	49713461	+	0.002342
Ogn	MmuINT0113005	chr13	49713665	49716381	+	0.002216
Ogn	MmuINT0113006	chr13	49716478	49718181	+	0.007918
Ogt	MmuINT0113007	chrX	98835662	98838314	+	0.015022
Ogt	MmuINT0113008	chrX	98862771	98862854	+	0.004802
Ogt	MmuINT0113009	chrX	98862957	98863318	+	0.005965
Ogt	MmuINT0113010	chrX	98863499	98865095	+	0.007315
Ogt	MmuINT0113011	chrX	98865255	98865369	+	0.004886
Ogt	MmuINT0113012	chrX	98865460	98867786	+	0.009114
Ogt	MmuINT0113013	chrX	98867913	98868381	+	0.004945
Ogt	MmuINT0113014	chrX	98868553	98868661	+	0.00407

Ogt	MmuINT0113015	chrX	98868779	98868880	+	0.004562
Ogt	MmuINT0113016	chrX	98869052	98871487	+	0.002955
Ogt	MmuINT0113017	chrX	98871641	98874047	+	0.004304
Ogt	MmuINT0113018	chrX	98838496	98839285	+	0.005916
Ogt	MmuINT0113019	chrX	98874301	98874562	+	0.00464
Ogt	MmuINT0113020	chrX	98874687	98877494	+	0.00279
Ogt	MmuINT0113021	chrX	98839530	98847478	+	0.008167
Ogt	MmuINT0113022	chrX	98847548	98850962	+	0.502134
Ogt	MmuINT0113023	chrX	98851080	98856590	+	0.006861
Ogt	MmuINT0113024	chrX	98856671	98858697	+	0.004792
Ogt	MmuINT0113025	chrX	98858894	98859181	+	0.003277
Ogt	MmuINT0113026	chrX	98859323	98859982	+	0.003884
Ogt	MmuINT0113027	chrX	98860084	98862616	+	0.00802
Ola1	MmuINT0113050	chr2	73051018	73052342	-	0.004083
Ola1	MmuINT0113051	chr2	72931782	72935201	-	0.002989
Ola1	MmuINT0113052	chr2	73041526	73050916	-	0.002312
Ola1	MmuINT0113053	chr2	73037586	73041381	-	0.001412
Ola1	MmuINT0113054	chr2	72994971	73037457	-	0.001011
Ola1	MmuINT0113055	chr2	72980446	72994794	-	0.006611
Ola1	MmuINT0113056	chr2	72980053	72980364	-	0.008306
Ola1	MmuINT0113057	chr2	72938272	72979954	-	0.004172
Ola1	MmuINT0113058	chr2	72937446	72938130	-	0.004672
Ola1	MmuINT0113059	chr2	72935325	72937348	-	0.00344
Olfm1	MmuINT0113071	chr2	28063748	28068051	+	0.081285
Olfm1	MmuINT0113072	chr2	28068208	28070128	+	0.073618
Olfm12b	MmuINT0113101	chr1	1.73E+08	1.73E+08	+	0.056482
Olfm12b	MmuINT0113102	chr1	1.73E+08	1.73E+08	+	0.01503
Olfm12b	MmuINT0113103	chr1	1.73E+08	1.73E+08	+	0.012899
Olfm12b	MmuINT0113104	chr1	1.73E+08	1.73E+08	+	0.059433
Olfm12b	MmuINT0113105	chr1	1.73E+08	1.73E+08	+	0.060805
Olfm12b	MmuINT0113106	chr1	1.73E+08	1.73E+08	+	0.034565
Olfm12b	MmuINT0113107	chr1	1.73E+08	1.73E+08	+	0.028021
Olfm13	MmuINT0113108	chr3	1.04E+08	1.04E+08	-	0.045532
Olfm13	MmuINT0113109	chr3	1.04E+08	1.04E+08	-	0.029685
Oma1	MmuINT0113258	chr4	1.03E+08	1.03E+08	+	0.01467
Oma1	MmuINT0113259	chr4	1.03E+08	1.03E+08	+	0.004909
Oma1	MmuINT0113260	chr4	1.03E+08	1.03E+08	+	0.004822
Oma1	MmuINT0113261	chr4	1.03E+08	1.03E+08	+	0.004467
Oma1	MmuINT0113262	chr4	1.03E+08	1.03E+08	+	0.009121
Oma1	MmuINT0113263	chr4	1.03E+08	1.03E+08	+	0.007528
Oma1	MmuINT0113264	chr4	1.03E+08	1.03E+08	+	0.007073
Oma1	MmuINT0113265	chr4	1.03E+08	1.03E+08	+	0.007446
Opa1	MmuINT0113296	chr16	29579658	29586103	+	0.00205
Opa1	MmuINT0113297	chr16	29610835	29610939	+	0.003055
Opa1	MmuINT0113298	chr16	29611015	29611482	+	0.003804
Opa1	MmuINT0113299	chr16	29611555	29611636	+	0.002159
Opa1	MmuINT0113300	chr16	29611737	29611992	+	0.002077
Opa1	MmuINT0113301	chr16	29612124	29614049	+	0.002126
Opa1	MmuINT0113302	chr16	29614123	29614211	+	0.002567
Opa1	MmuINT0113303	chr16	29614285	29615134	+	0.011516

Opa1	MmuINT0113304	chr16	29615251	29615992	+	0.002636
Opa1	MmuINT0113305	chr16	29616058	29616700	+	0.002982
Opa1	MmuINT0113306	chr16	29616778	29618207	+	0.001827
Opa1	MmuINT0113307	chr16	29586423	29587055	+	0.001873
Opa1	MmuINT0113308	chr16	29618374	29620466	+	0.00339
Opa1	MmuINT0113309	chr16	29620620	29620856	+	0.002859
Opa1	MmuINT0113310	chr16	29620966	29621550	+	0.002996
Opa1	MmuINT0113311	chr16	29621631	29625549	+	0.0016
Opa1	MmuINT0113312	chr16	29625691	29628782	+	0.001596
Opa1	MmuINT0113313	chr16	29628900	29629711	+	0.001888
Opa1	MmuINT0113314	chr16	29629806	29630169	+	0.001898
Opa1	MmuINT0113315	chr16	29630281	29649022	+	0.004452
Opa1	MmuINT0113316	chr16	29649098	29651839	+	0.021644
Opa1	MmuINT0113317	chr16	29587153	29588337	+	0.002689
Opa1	MmuINT0113318	chr16	29588446	29589766	+	0.003117
Opa1	MmuINT0113319	chr16	29589835	29602297	+	0.009882
Opa1	MmuINT0113320	chr16	29602352	29605597	+	0.002887
Opa1	MmuINT0113321	chr16	29605703	29607768	+	0.005623
Opa1	MmuINT0113322	chr16	29607856	29608438	+	0.00254
Opa1	MmuINT0113323	chr16	29608553	29610753	+	0.003287
Opa3	MmuINT0113324	chr7	19813934	19830102	+	0.008366
Ophn1	MmuINT0113338	chrX	95900461	95905416	-	0.044062
Ophn1	MmuINT0113341	chrX	95893689	95894194	-	0.044268
Ophn1	MmuINT0113342	chrX	95891413	95893625	-	0.047855
Ophn1	MmuINT0113343	chrX	95840334	95891337	-	0.044813
Ophn1	MmuINT0113344	chrX	95837149	95840248	-	0.037712
Ophn1	MmuINT0113345	chrX	95836353	95837089	-	0.031008
Ophn1	MmuINT0113346	chrX	95822413	95836246	-	0.022392
Ophn1	MmuINT0113347	chrX	95792515	95822252	-	0.026864
Ophn1	MmuINT0113349	chrX	95774047	95792366	-	0.020863
Ophn1	MmuINT0113350	chrX	95760221	95773722	-	0.014709
Ophn1	MmuINT0113351	chrX	95759020	95760054	-	0.050746
Ophn1	MmuINT0113352	chrX	95754967	95758968	-	0.058387
Ophn1	MmuINT0113353	chrX	95753745	95754924	-	0.039218
Ophn1	MmuINT0113360	chrX	95905518	95907679	-	0.071953
Oplah	MmuINT0113361	chr15	76137129	76137657	-	0.165103
Oplah	MmuINT0113362	chr15	76133979	76134516	-	0.006674
Oplah	MmuINT0113363	chr15	76133779	76133865	-	0.009911
Oplah	MmuINT0113364	chr15	76133424	76133607	-	0.005535
Oplah	MmuINT0113365	chr15	76133200	76133285	-	0.004314
Oplah	MmuINT0113366	chr15	76132925	76133060	-	0.006398
Oplah	MmuINT0113367	chr15	76132628	76132811	-	0.022576
Oplah	MmuINT0113368	chr15	76131878	76132475	-	0.0379
Oplah	MmuINT0113369	chr15	76131625	76131716	-	0.022666
Oplah	MmuINT0113370	chr15	76131431	76131522	-	0.016614
Oplah	MmuINT0113371	chr15	76129002	76131255	-	0.024764
Oplah	MmuINT0113372	chr15	76136821	76136904	-	0.006527
Oplah	MmuINT0113373	chr15	76128713	76128816	-	0.040632
Oplah	MmuINT0113374	chr15	76128471	76128565	-	0.012944
Oplah	MmuINT0113375	chr15	76128199	76128335	-	0.006506



Oplah	MmuINT0113376	chr15	76127947	76128048	-	0.00607
Oplah	MmuINT0113377	chr15	76127708	76127788	-	0.020801
Oplah	MmuINT0113378	chr15	76127449	76127546	-	0.006488
Oplah	MmuINT0113379	chr15	76136191	76136628	-	0.017832
Oplah	MmuINT0113380	chr15	76136002	76136090	-	0.007617
Oplah	MmuINT0113381	chr15	76135766	76135877	-	0.00859
Oplah	MmuINT0113382	chr15	76135489	76135569	-	0.02557
Oplah	MmuINT0113383	chr15	76135203	76135322	-	0.012123
Oplah	MmuINT0113384	chr15	76134964	76135063	-	0.009098
Oplah	MmuINT0113385	chr15	76134783	76134895	-	0.01041
Opn3	MmuINT0113395	chr1	1.78E+08	1.78E+08	-	0.103291
Opn3	MmuINT0113396	chr1	1.78E+08	1.78E+08	-	0.04939
Opn3	MmuINT0113397	chr1	1.78E+08	1.78E+08	-	0.050504
Opn4	MmuINT0113403	chr14	35408061	35408905	-	0.027458
Opn4	MmuINT0113404	chr14	35407197	35407952	-	0.025178
Optn	MmuINT0113427	chr2	4975763	4984952	-	0.004216
Optn	MmuINT0113428	chr2	4952465	4954176	-	0.003843
Optn	MmuINT0113429	chr2	4948291	4952305	-	0.001975
Optn	MmuINT0113430	chr2	4945196	4948159	-	0.002623
Optn	MmuINT0113431	chr2	4942528	4945112	-	0.002446
Optn	MmuINT0113432	chr2	4942275	4942368	-	0.878689
Optn	MmuINT0113433	chr2	4974237	4975585	-	0.00203
Optn	MmuINT0113434	chr2	4967246	4974033	-	0.003542
Optn	MmuINT0113435	chr2	4963567	4967032	-	0.004722
Optn	MmuINT0113436	chr2	4961320	4963492	-	0.01467
Optn	MmuINT0113437	chr2	4957817	4961184	-	0.004836
Optn	MmuINT0113438	chr2	4956130	4957716	-	0.035687
Optn	MmuINT0113439	chr2	4955350	4956013	-	0.017966
Optn	MmuINT0113440	chr2	4954271	4955199	-	0.002016
Orai1	MmuINT0113441	chr5	1.23E+08	1.23E+08	+	0.026633
Orai3	MmuINT0113444	chr7	1.35E+08	1.35E+08	+	0.010871
Oraov1	MmuINT0113445	chr7	1.52E+08	1.52E+08	+	0.010266
Oraov1	MmuINT0113446	chr7	1.52E+08	1.52E+08	+	0.008703
Oraov1	MmuINT0113447	chr7	1.52E+08	1.52E+08	+	0.020446
Oraov1	MmuINT0113448	chr7	1.52E+08	1.52E+08	+	0.041786
Orc2	MmuINT0113466	chr1	58527931	58529148	-	0.025245
Orc2	MmuINT0113467	chr1	58526684	58527783	-	0.02605
Orc2	MmuINT0113468	chr1	58524557	58526511	-	0.025655
Orc2	MmuINT0113469	chr1	58522958	58524494	-	0.054846
Orc2	MmuINT0113470	chr1	58521135	58522838	-	0.041794
Orc2	MmuINT0113471	chr1	58550595	58554219	-	0.057923
Orc2	MmuINT0113472	chr1	58549733	58550504	-	0.026263
Orc2	MmuINT0113473	chr1	58540548	58549700	-	0.034754
Orc2	MmuINT0113474	chr1	58537998	58540486	-	0.02694
Orc2	MmuINT0113475	chr1	58537194	58537803	-	0.028968
Orc2	MmuINT0113476	chr1	58533388	58537094	-	0.02263
Orc2	MmuINT0113477	chr1	58531786	58533277	-	0.024222
Orc2	MmuINT0113478	chr1	58529246	58531652	-	0.020052
Orc2	MmuINT0113479	chr1	58558735	58561615	-	0.029725
Orc2	MmuINT0113480	chr1	58558271	58558685	-	0.02736

Orc3	MmuINT0113483	chr4	34558326	34562113	-	0.046516
Orc3	MmuINT0113484	chr4	34533757	34534197	-	0.01313
Orc3	MmuINT0113485	chr4	34532939	34533692	-	0.015422
Orc3	MmuINT0113486	chr4	34532133	34532821	-	0.009441
Orc3	MmuINT0113487	chr4	34527126	34532052	-	0.063772
Orc3	MmuINT0113488	chr4	34525282	34526991	-	0.076752
Orc3	MmuINT0113489	chr4	34522423	34523600	-	0.066523
Orc3	MmuINT0113490	chr4	34519822	34522280	-	0.027641
Orc3	MmuINT0113491	chr4	34519058	34519713	-	0.032495
Orc3	MmuINT0113492	chr4	34518268	34518977	-	0.040758
Orc3	MmuINT0113493	chr4	34554478	34558270	-	0.012471
Orc3	MmuINT0113494	chr4	34552931	34554379	-	0.010509
Orc3	MmuINT0113495	chr4	34547058	34552785	-	0.008456
Orc3	MmuINT0113496	chr4	34546006	34546952	-	0.039574
Orc3	MmuINT0113497	chr4	34544691	34545856	-	0.043491
Orc3	MmuINT0113498	chr4	34542486	34544556	-	0.011076
Orc3	MmuINT0113499	chr4	34540424	34542325	-	0.014819
Orc3	MmuINT0113500	chr4	34534332	34540309	-	0.026436
Orc4	MmuINT0113503	chr2	48765815	48768081	-	0.090963
Orc4	MmuINT0113504	chr2	48764854	48764938	-	0.01052
Orc4	MmuINT0113505	chr2	48761120	48764785	-	0.014446
Orc4	MmuINT0113506	chr2	48793049	48795852	-	0.014967
Orc4	MmuINT0113507	chr2	48792383	48792971	-	0.011158
Orc4	MmuINT0113508	chr2	48789143	48792291	-	0.07236
Orc4	MmuINT0113509	chr2	48788686	48789069	-	0.013492
Orc4	MmuINT0113510	chr2	48785250	48788599	-	0.037428
Orc4	MmuINT0113511	chr2	48782768	48785200	-	0.030463
Orc4	MmuINT0113512	chr2	48772859	48782615	-	0.008386
Orc4	MmuINT0113513	chr2	48768169	48772684	-	0.02385
Orc5	MmuINT0113514	chr5	22053835	22056009	-	0.034372
Orc5	MmuINT0113515	chr5	22028257	22029333	-	0.020444
Orc5	MmuINT0113516	chr5	22022633	22028208	-	0.026311
Orc5	MmuINT0113517	chr5	22005907	22022521	-	0.025041
Orc5	MmuINT0113518	chr5	21993036	22005793	-	0.043477
Orc5	MmuINT0113519	chr5	22052417	22053741	-	0.019442
Orc5	MmuINT0113520	chr5	22043415	22052215	-	0.020415
Orc5	MmuINT0113521	chr5	22039693	22043339	-	0.042912
Orc5	MmuINT0113522	chr5	22035104	22039580	-	0.028471
Orc5	MmuINT0113523	chr5	22032402	22034972	-	0.078161
Orc5	MmuINT0113524	chr5	22032272	22032352	-	0.12378
Orc5	MmuINT0113525	chr5	22030687	22032180	-	0.055322
Orc5	MmuINT0113526	chr5	22029447	22030633	-	0.033087
Orc6	MmuINT0113530	chr8	87823892	87825007	+	0.11766
Orc6	MmuINT0113531	chr8	87825138	87826694	+	0.259813
Orc6	MmuINT0113532	chr8	87826859	87827260	+	0.091846
Orc6	MmuINT0113533	chr8	87827351	87830115	+	0.671399
Orc6	MmuINT0113534	chr8	87830218	87831484	+	0.080342
Orm1	MmuINT0113535	chr4	63005749	63006102	+	0.026647
Orm1	MmuINT0113536	chr4	63006246	63006454	+	0.070002
Orm1	MmuINT0113537	chr4	63006526	63007073	+	0.059895

Orm1	MmuINT0113538	chr4	63007182	63007315	+	0.043601
Ormdl1	MmuINT0113550	chr1	53354033	53355815	+	0.00393
Ormdl1	MmuINT0113551	chr1	53355997	53362298	+	0.016624
Ormdl2	MmuINT0113553	chr10	1.28E+08	1.28E+08	-	0.100954
Ormdl3	MmuINT0113555	chr11	98445455	98448441	-	0.001374
Os9	MmuINT0113560	chr10	1.27E+08	1.27E+08	-	0.006411
Os9	MmuINT0113561	chr10	1.27E+08	1.27E+08	-	0.036556
Os9	MmuINT0113562	chr10	1.27E+08	1.27E+08	-	0.031382
Os9	MmuINT0113563	chr10	1.27E+08	1.27E+08	-	0.088823
Os9	MmuINT0113564	chr10	1.27E+08	1.27E+08	-	0.013344
Os9	MmuINT0113565	chr10	1.27E+08	1.27E+08	-	0.010321
Os9	MmuINT0113566	chr10	1.27E+08	1.27E+08	-	0.011314
Os9	MmuINT0113567	chr10	1.27E+08	1.27E+08	-	0.009497
Os9	MmuINT0113568	chr10	1.27E+08	1.27E+08	-	0.017309
Os9	MmuINT0113569	chr10	1.27E+08	1.27E+08	-	0.014014
Os9	MmuINT0113570	chr10	1.27E+08	1.27E+08	-	0.031902
Os9	MmuINT0113571	chr10	1.27E+08	1.27E+08	-	0.082824
Os9	MmuINT0113572	chr10	1.27E+08	1.27E+08	-	0.065369
Osbp	MmuINT0113573	chr19	12040787	12045176	+	0.003776
Osbp	MmuINT0113574	chr19	12062943	12063694	+	0.009637
Osbp	MmuINT0113575	chr19	12063791	12065090	+	0.002934
Osbp	MmuINT0113576	chr19	12065273	12066084	+	0.017241
Osbp	MmuINT0113577	chr19	12066306	12066389	+	0.007962
Osbp	MmuINT0113578	chr19	12045386	12048147	+	0.004562
Osbp	MmuINT0113579	chr19	12048399	12052291	+	0.033191
Osbp	MmuINT0113580	chr19	12052491	12052726	+	0.004127
Osbp	MmuINT0113581	chr19	12052830	12053120	+	0.003194
Osbp	MmuINT0113582	chr19	12053176	12053358	+	0.002803
Osbp	MmuINT0113583	chr19	12053491	12058393	+	0.01066
Osbp	MmuINT0113584	chr19	12058640	12058881	+	0.003201
Osbp	MmuINT0113585	chr19	12059003	12062838	+	0.010529
Osbp2	MmuINT0113586	chr11	3720049	3763235	-	0.017559
Osbp2	MmuINT0113587	chr11	3612057	3612128	-	0.009811
Osbp2	MmuINT0113588	chr11	3611873	3611960	-	0.008067
Osbp2	MmuINT0113589	chr11	3605619	3611696	-	0.021112
Osbp2	MmuINT0113590	chr11	3605211	3605391	-	0.010985
Osbp2	MmuINT0113591	chr11	3626579	3719839	-	0.020522
Osbp2	MmuINT0113592	chr11	3617990	3626321	-	0.015176
Osbp2	MmuINT0113593	chr11	3617218	3617796	-	0.009872
Osbp2	MmuINT0113594	chr11	3615555	3617099	-	0.011993
Osbp2	MmuINT0113595	chr11	3615238	3615499	-	0.011089
Osbp2	MmuINT0113596	chr11	3614720	3615090	-	0.00772
Osbp2	MmuINT0113597	chr11	3612583	3614473	-	0.017143
Osbp2	MmuINT0113598	chr11	3612233	3612461	-	0.007855
Osbp110	MmuINT0113601	chr9	1.15E+08	1.15E+08	+	0.066482
Osbp110	MmuINT0113602	chr9	1.15E+08	1.15E+08	+	0.070373
Osbp110	MmuINT0113605	chr9	1.15E+08	1.15E+08	+	0.045643
Osbp110	MmuINT0113606	chr9	1.15E+08	1.15E+08	+	0.070622
Osbp110	MmuINT0113607	chr9	1.15E+08	1.15E+08	+	0.070386
Osbp111	MmuINT0113608	chr16	33186087	33196159	+	0.023328

Osbpl11	MmuINT0113609	chr16	33229235	33234508	+	0.023276
Osbpl11	MmuINT0113610	chr16	33234692	33236340	+	0.020938
Osbpl11	MmuINT0113611	chr16	33236495	33241821	+	0.017962
Osbpl11	MmuINT0113612	chr16	33196229	33204757	+	0.023758
Osbpl11	MmuINT0113613	chr16	33204934	33206008	+	0.019387
Osbpl11	MmuINT0113614	chr16	33206089	33210011	+	0.023125
Osbpl11	MmuINT0113615	chr16	33210189	33214427	+	0.021259
Osbpl11	MmuINT0113616	chr16	33214630	33216799	+	0.040543
Osbpl11	MmuINT0113617	chr16	33216946	33224625	+	0.013115
Osbpl11	MmuINT0113618	chr16	33224767	33226942	+	0.017091
Osbpl11	MmuINT0113619	chr16	33227442	33229047	+	0.014925
Osbpl1a	MmuINT0113620	chr18	13092212	13100140	-	0.046706
Osbpl1a	MmuINT0113622	chr18	13056811	13063531	-	0.071211
Osbpl1a	MmuINT0113626	chr18	12999856	13029586	-	0.053246
Osbpl1a	MmuINT0113627	chr18	12978171	12999692	-	0.004392
Osbpl1a	MmuINT0113628	chr18	12946905	12978013	-	0.004116
Osbpl1a	MmuINT0113629	chr18	12929943	12946828	-	0.005384
Osbpl1a	MmuINT0113630	chr18	12927145	12929807	-	0.030166
Osbpl1a	MmuINT0113632	chr18	12925495	12927046	-	0.027427
Osbpl1a	MmuINT0113633	chr18	12922099	12925311	-	0.006954
Osbpl1a	MmuINT0113634	chr18	12921508	12921990	-	0.008415
Osbpl1a	MmuINT0113635	chr18	12921202	12921417	-	0.002862
Osbpl1a	MmuINT0113636	chr18	12918025	12921074	-	0.005758
Osbpl1a	MmuINT0113637	chr18	12917400	12917907	-	0.002624
Osbpl1a	MmuINT0113638	chr18	12916208	12917275	-	0.003017
Osbpl1a	MmuINT0113639	chr18	12914817	12916116	-	0.003282
Osbpl1a	MmuINT0113641	chr18	13073123	13086769	-	0.169633
Osbpl2	MmuINT0113647	chr2	1.8E+08	1.8E+08	+	0.012491
Osbpl2	MmuINT0113648	chr2	1.8E+08	1.8E+08	+	0.004842
Osbpl2	MmuINT0113649	chr2	1.8E+08	1.8E+08	+	0.005517
Osbpl2	MmuINT0113650	chr2	1.8E+08	1.8E+08	+	0.008425
Osbpl2	MmuINT0113651	chr2	1.8E+08	1.8E+08	+	0.024218
Osbpl2	MmuINT0113652	chr2	1.8E+08	1.8E+08	+	0.006038
Osbpl2	MmuINT0113653	chr2	1.8E+08	1.8E+08	+	0.007559
Osbpl2	MmuINT0113654	chr2	1.8E+08	1.8E+08	+	0.004633
Osbpl2	MmuINT0113655	chr2	1.8E+08	1.8E+08	+	0.005745
Osbpl2	MmuINT0113656	chr2	1.8E+08	1.8E+08	+	0.007633
Osbpl2	MmuINT0113657	chr2	1.8E+08	1.8E+08	+	0.006417
Osbpl2	MmuINT0113658	chr2	1.8E+08	1.8E+08	+	0.012486
Osbpl2	MmuINT0113659	chr2	1.8E+08	1.8E+08	+	0.023916
Osbpl3	MmuINT0113665	chr6	50278804	50283184	-	0.033089
Osbpl3	MmuINT0113666	chr6	50277468	50278668	-	0.010938
Osbpl3	MmuINT0113667	chr6	50273223	50277373	-	0.011987
Osbpl3	MmuINT0113668	chr6	50270174	50272971	-	0.010484
Osbpl3	MmuINT0113669	chr6	50262695	50270035	-	0.017216
Osbpl3	MmuINT0113670	chr6	50259391	50262630	-	0.019194
Osbpl3	MmuINT0113671	chr6	50258435	50259311	-	0.011922
Osbpl3	MmuINT0113672	chr6	50253161	50258289	-	0.03277
Osbpl3	MmuINT0113673	chr6	50251050	50253015	-	0.021801
Osbpl3	MmuINT0113674	chr6	50303101	50320121	-	0.009266

Osbpl3	MmuINT0113675	chr6	50249438	50250922	-	0.087446
Osbpl3	MmuINT0113676	chr6	50247161	50249314	-	0.012005
Osbpl3	MmuINT0113678	chr6	50301957	50302782	-	0.014399
Osbpl3	MmuINT0113679	chr6	50298138	50301842	-	0.009848
Osbpl3	MmuINT0113680	chr6	50297489	50297969	-	0.013291
Osbpl3	MmuINT0113681	chr6	50296431	50297364	-	0.013823
Osbpl3	MmuINT0113683	chr6	50286345	50294872	-	0.028987
Osbpl5	MmuINT0113685	chr7	1.51E+08	1.51E+08	-	0.076026
Osbpl5	MmuINT0113686	chr7	1.51E+08	1.51E+08	-	0.073264
Osbpl5	MmuINT0113687	chr7	1.51E+08	1.51E+08	-	0.075853
Osbpl5	MmuINT0113688	chr7	1.51E+08	1.51E+08	-	0.031319
Osbpl5	MmuINT0113689	chr7	1.51E+08	1.51E+08	-	0.048999
Osbpl5	MmuINT0113690	chr7	1.51E+08	1.51E+08	-	0.029915
Osbpl5	MmuINT0113691	chr7	1.51E+08	1.51E+08	-	0.024813
Osbpl5	MmuINT0113692	chr7	1.51E+08	1.51E+08	-	0.075054
Osbpl5	MmuINT0113693	chr7	1.51E+08	1.51E+08	-	0.019296
Osbpl5	MmuINT0113694	chr7	1.51E+08	1.51E+08	-	0.031593
Osbpl5	MmuINT0113695	chr7	1.51E+08	1.51E+08	-	0.035556
Osbpl5	MmuINT0113696	chr7	1.51E+08	1.51E+08	-	0.052123
Osbpl5	MmuINT0113697	chr7	1.51E+08	1.51E+08	-	0.037497
Osbpl5	MmuINT0113698	chr7	1.51E+08	1.51E+08	-	0.041705
Osbpl5	MmuINT0113699	chr7	1.51E+08	1.51E+08	-	0.039022
Osbpl5	MmuINT0113700	chr7	1.51E+08	1.51E+08	-	0.021052
Osbpl5	MmuINT0113701	chr7	1.51E+08	1.51E+08	-	0.052144
Osbpl5	MmuINT0113702	chr7	1.51E+08	1.51E+08	-	0.030048
Osbpl5	MmuINT0113703	chr7	1.51E+08	1.51E+08	-	0.022378
Osbpl5	MmuINT0113704	chr7	1.51E+08	1.51E+08	-	0.028318
Osbpl7	MmuINT0113738	chr11	96921903	96926902	+	0.177997
Osbpl7	MmuINT0113741	chr11	96928392	96928518	+	0.079663
Osbpl7	MmuINT0113743	chr11	96928664	96928747	+	0.059706
Osbpl7	MmuINT0113744	chr11	96928875	96928978	+	0.043152
Osbpl7	MmuINT0113745	chr11	96929102	96929255	+	0.070397
Osbpl8	MmuINT0113754	chr10	1.11E+08	1.11E+08	+	0.010188
Osbpl8	MmuINT0113755	chr10	1.11E+08	1.11E+08	+	0.003747
Osbpl8	MmuINT0113756	chr10	1.11E+08	1.11E+08	+	0.004379
Osbpl8	MmuINT0113757	chr10	1.11E+08	1.11E+08	+	0.006243
Osbpl8	MmuINT0113758	chr10	1.11E+08	1.11E+08	+	0.008154
Osbpl8	MmuINT0113759	chr10	1.11E+08	1.11E+08	+	0.007768
Osbpl8	MmuINT0113760	chr10	1.11E+08	1.11E+08	+	0.005004
Osbpl8	MmuINT0113761	chr10	1.11E+08	1.11E+08	+	0.005224
Osbpl8	MmuINT0113762	chr10	1.11E+08	1.11E+08	+	0.017608
Osbpl8	MmuINT0113763	chr10	1.11E+08	1.11E+08	+	0.007701
Osbpl8	MmuINT0113764	chr10	1.11E+08	1.11E+08	+	0.020968
Osbpl8	MmuINT0113766	chr10	1.11E+08	1.11E+08	+	0.005601
Osbpl8	MmuINT0113767	chr10	1.11E+08	1.11E+08	+	0.00577
Osbpl8	MmuINT0113768	chr10	1.11E+08	1.11E+08	+	0.017542
Osbpl8	MmuINT0113769	chr10	1.11E+08	1.11E+08	+	0.013562
Osbpl8	MmuINT0113770	chr10	1.11E+08	1.11E+08	+	0.067862
Osbpl8	MmuINT0113771	chr10	1.11E+08	1.11E+08	+	0.010343
Osbpl8	MmuINT0113772	chr10	1.11E+08	1.11E+08	+	0.006662

Osbpl8	MmuINT0113773	chr10	1.11E+08	1.11E+08	+	0.006273
Osbpl8	MmuINT0113774	chr10	1.11E+08	1.11E+08	+	0.007919
Osbpl8	MmuINT0113775	chr10	1.11E+08	1.11E+08	+	0.005307
Osbpl8	MmuINT0113776	chr10	1.11E+08	1.11E+08	+	0.00571
Osbpl9	MmuINT0113778	chr4	1.09E+08	1.09E+08	-	0.008433
Osbpl9	MmuINT0113779	chr4	1.09E+08	1.09E+08	-	0.023948
Osbpl9	MmuINT0113780	chr4	1.09E+08	1.09E+08	-	0.030055
Osbpl9	MmuINT0113781	chr4	1.09E+08	1.09E+08	-	0.012681
Osbpl9	MmuINT0113782	chr4	1.09E+08	1.09E+08	-	0.015941
Osbpl9	MmuINT0113783	chr4	1.09E+08	1.09E+08	-	0.004641
Osbpl9	MmuINT0113784	chr4	1.09E+08	1.09E+08	-	0.006597
Osbpl9	MmuINT0113785	chr4	1.09E+08	1.09E+08	-	0.078477
Osbpl9	MmuINT0113786	chr4	1.09E+08	1.09E+08	-	0.061058
Osbpl9	MmuINT0113787	chr4	1.09E+08	1.09E+08	-	0.057539
Osbpl9	MmuINT0113794	chr4	1.09E+08	1.09E+08	-	0.00243
Osbpl9	MmuINT0113795	chr4	1.09E+08	1.09E+08	-	0.002172
Osbpl9	MmuINT0113796	chr4	1.09E+08	1.09E+08	-	0.012832
Osbpl9	MmuINT0113797	chr4	1.09E+08	1.09E+08	-	0.031378
Osbpl9	MmuINT0113798	chr4	1.09E+08	1.09E+08	-	0.022775
Oscp1	MmuINT0113814	chr4	1.26E+08	1.26E+08	+	0.077911
Osgcp	MmuINT0113815	chr14	51539725	51544338	-	0.002895
Osgcp	MmuINT0113820	chr14	51536986	51537128	-	0.023961
Osgcp	MmuINT0113821	chr14	51536541	51536906	-	0.021366
Osgcp	MmuINT0113824	chr14	51535926	51536016	-	0.002257
Osgcp1	MmuINT0113825	chr1	53370703	53371699	+	0.005267
Osgcp1	MmuINT0113826	chr1	53371944	53374745	+	0.054906
Osgcp1	MmuINT0113827	chr1	53375134	53376786	+	0.046076
Osgcp1	MmuINT0113828	chr1	53377141	53377923	+	0.037713
Osgcp1	MmuINT0113829	chr1	53378055	53378339	+	0.011357
Osgcp1	MmuINT0113830	chr1	53378412	53380010	+	0.02085
Osgin1	MmuINT0113831	chr8	1.22E+08	1.22E+08	+	0.045593
Osgin1	MmuINT0113832	chr8	1.22E+08	1.22E+08	+	0.052062
Osgin1	MmuINT0113834	chr8	1.22E+08	1.22E+08	+	0.05621
Osgin1	MmuINT0113835	chr8	1.22E+08	1.22E+08	+	0.185629
Osgin2	MmuINT0113836	chr4	15935903	15940833	-	0.10105
Osgin2	MmuINT0113837	chr4	15933641	15935747	-	0.029347
Osgin2	MmuINT0113838	chr4	15932696	15933503	-	0.030546
Osgin2	MmuINT0113839	chr4	15929169	15932503	-	0.050577
Osgin2	MmuINT0113840	chr4	15926148	15929076	-	0.030702
Osmr	MmuINT0113843	chr15	6810378	6824200	-	0.324674
Osmr	MmuINT0113844	chr15	6777312	6778632	-	0.052127
Osmr	MmuINT0113845	chr15	6774653	6777088	-	0.059799
Osmr	MmuINT0113846	chr15	6773657	6774472	-	0.056649
Osmr	MmuINT0113847	chr15	6772188	6773551	-	0.050305
Osmr	MmuINT0113848	chr15	6771089	6772013	-	0.03688
Osmr	MmuINT0113849	chr15	6766989	6770920	-	0.134849
Osmr	MmuINT0113850	chr15	6766655	6766906	-	0.189632
Osmr	MmuINT0113851	chr15	6765929	6766581	-	0.167934
Osmr	MmuINT0113852	chr15	6802589	6810292	-	0.050474
Osmr	MmuINT0113853	chr15	6797199	6802418	-	0.038305

Osmr	MmuINT0113854	chr15	6794500	6797026	-	0.058998
Osmr	MmuINT0113855	chr15	6792918	6794220	-	0.121127
Osmr	MmuINT0113856	chr15	6792105	6792781	-	0.165202
Osmr	MmuINT0113858	chr15	6787070	6787691	-	0.211981
Osmr	MmuINT0113859	chr15	6778710	6786915	-	0.040939
Ost4	MmuINT0113865	chr5	31209910	31210037	-	0.089832
Ostc	MmuINT0113875	chr3	1.3E+08	1.3E+08	-	0.00504
Ostc	MmuINT0113876	chr3	1.3E+08	1.3E+08	-	0.001729
Ostc	MmuINT0113877	chr3	1.3E+08	1.3E+08	-	0.008089
Ostf1	MmuINT0113878	chr19	18678703	18706109	-	0.007515
Ostf1	MmuINT0113879	chr19	18670892	18678655	-	0.006963
Ostf1	MmuINT0113880	chr19	18668410	18670840	-	0.008031
Ostf1	MmuINT0113881	chr19	18667127	18668345	-	0.009922
Ostf1	MmuINT0113882	chr19	18664999	18667072	-	0.012241
Ostf1	MmuINT0113883	chr19	18664245	18664890	-	0.009125
Ostf1	MmuINT0113884	chr19	18661116	18664194	-	0.031085
Ostf1	MmuINT0113885	chr19	18659234	18661036	-	0.024586
Ostf1	MmuINT0113886	chr19	18655819	18659131	-	0.00927
Ostm1	MmuINT0113887	chr10	42399204	42402965	+	0.012215
Ostm1	MmuINT0113888	chr10	42403081	42412716	+	0.011574
Ostm1	MmuINT0113889	chr10	42412815	42416055	+	0.010852
Ostm1	MmuINT0113890	chr10	42416224	42417913	+	0.014255
Ostm1	MmuINT0113891	chr10	42418080	42420288	+	0.019839
Otub1	MmuINT0114067	chr19	7278942	7280691	-	0.109218
Otub1	MmuINT0114068	chr19	7278647	7278879	-	0.101764
Otub1	MmuINT0114069	chr19	7274552	7278547	-	0.045331
Otub1	MmuINT0114070	chr19	7274238	7274432	-	0.034098
Otub1	MmuINT0114071	chr19	7274057	7274152	-	0.01164
Otub1	MmuINT0114072	chr19	7273730	7273861	-	0.011599
Otub2	MmuINT0114077	chr12	1.05E+08	1.05E+08	+	0.04727
Otub2	MmuINT0114078	chr12	1.05E+08	1.05E+08	+	0.15257
Otub2	MmuINT0114079	chr12	1.05E+08	1.05E+08	+	0.196549
Otub2	MmuINT0114080	chr12	1.05E+08	1.05E+08	+	0.154615
Otud3	MmuINT0114081	chr4	1.38E+08	1.38E+08	-	0.029697
Otud3	MmuINT0114082	chr4	1.38E+08	1.38E+08	-	0.027582
Otud3	MmuINT0114083	chr4	1.38E+08	1.38E+08	-	0.024288
Otud3	MmuINT0114084	chr4	1.38E+08	1.38E+08	-	0.02764
Otud3	MmuINT0114085	chr4	1.38E+08	1.38E+08	-	0.018586
Otud3	MmuINT0114086	chr4	1.38E+08	1.38E+08	-	0.057592
Otud3	MmuINT0114087	chr4	1.38E+08	1.38E+08	-	0.010242
Otud4	MmuINT0114088	chr8	82163964	82167652	+	0.030402
Otud4	MmuINT0114089	chr8	82183362	82184939	+	0.2722
Otud4	MmuINT0114090	chr8	82185035	82187623	+	0.027286
Otud4	MmuINT0114091	chr8	82187725	82187820	+	0.006834
Otud4	MmuINT0114092	chr8	82188011	82188879	+	0.008346
Otud4	MmuINT0114093	chr8	82189043	82190614	+	0.018425
Otud4	MmuINT0114094	chr8	82190739	82191499	+	0.007492
Otud4	MmuINT0114095	chr8	82191556	82192335	+	0.016995
Otud4	MmuINT0114096	chr8	82192411	82193172	+	0.011168
Otud4	MmuINT0114097	chr8	82193312	82193822	+	0.009323

Otud4	MmuINT0114098	chr8	82194078	82194944	+	0.014571
Otud4	MmuINT0114099	chr8	82167737	82170196	+	0.01839
Otud4	MmuINT0114100	chr8	82194986	82196666	+	0.01666
Otud4	MmuINT0114101	chr8	82170248	82174904	+	0.022918
Otud4	MmuINT0114102	chr8	82174952	82175570	+	0.029343
Otud4	MmuINT0114103	chr8	82175644	82177261	+	0.021149
Otud4	MmuINT0114104	chr8	82177344	82179558	+	0.015211
Otud4	MmuINT0114105	chr8	82179692	82182807	+	0.022153
Otud4	MmuINT0114106	chr8	82182863	82183082	+	0.020292
Otud4	MmuINT0114107	chr8	82183201	82183296	+	0.016107
Otud5	MmuINT0114108	chrX	7419837	7433429	+	0.012347
Otud5	MmuINT0114109	chrX	7433524	7444640	+	0.017492
Otud5	MmuINT0114110	chrX	7444706	7444792	+	0.011063
Otud5	MmuINT0114111	chrX	7444950	7445048	+	0.235788
Otud5	MmuINT0114112	chrX	7445198	7449121	+	0.019177
Otud5	MmuINT0114113	chrX	7449326	7450679	+	0.065291
Otud5	MmuINT0114114	chrX	7450882	7450965	+	0.024344
Otud5	MmuINT0114115	chrX	7451080	7451358	+	0.017221
Otud6b	MmuINT0114119	chr4	14742812	14745322	-	0.002095
Otud7b	MmuINT0114137	chr3	95908743	95940396	+	0.114979
Otud7b	MmuINT0114138	chr3	95956551	95957330	+	0.01005
Otud7b	MmuINT0114139	chr3	95957416	95958691	+	0.006496
Otud7b	MmuINT0114140	chr3	95940548	95944339	+	0.008953
Otud7b	MmuINT0114141	chr3	95944529	95945410	+	0.009627
Otud7b	MmuINT0114142	chr3	95945639	95948163	+	0.011669
Otud7b	MmuINT0114143	chr3	95948266	95948890	+	0.008346
Otud7b	MmuINT0114144	chr3	95949019	95954784	+	0.012382
Otud7b	MmuINT0114145	chr3	95954898	95955260	+	0.009546
Otud7b	MmuINT0114146	chr3	95955389	95955817	+	0.01201
Otud7b	MmuINT0114147	chr3	95955968	95956435	+	0.0127
Ovca2	MmuINT0114158	chr11	74991890	74992113	-	0.417375
Ovgp1	MmuINT0114176	chr3	1.06E+08	1.06E+08	+	0.956693
Ovgp1	MmuINT0114178	chr3	1.06E+08	1.06E+08	+	0.292519
Oxa1l	MmuINT0114191	chr14	54980602	54981005	+	0.080402
Oxa1l	MmuINT0114192	chr14	54981153	54982965	+	0.003138
Oxa1l	MmuINT0114193	chr14	54983180	54986392	+	0.017364
Oxa1l	MmuINT0114194	chr14	54986537	54986708	+	0.004294
Oxa1l	MmuINT0114195	chr14	54986795	54986949	+	0.003457
Oxa1l	MmuINT0114196	chr14	54987115	54987271	+	0.004405
Oxa1l	MmuINT0114197	chr14	54987377	54987476	+	0.001266
Oxa1l	MmuINT0114198	chr14	54987640	54987836	+	0.004578
Oxa1l	MmuINT0114199	chr14	54987918	54988001	+	0.008194
Oxct1	MmuINT0114200	chr15	4044110	4046471	+	0.000224
Oxct1	MmuINT0114201	chr15	4046521	4051126	+	0.00034
Oxct1	MmuINT0114202	chr15	4051200	4051803	+	0.000335
Oxct1	MmuINT0114203	chr15	4051880	4078833	+	0.000302
Oxct1	MmuINT0114204	chr15	4078924	4092791	+	0.000238
Oxct1	MmuINT0114205	chr15	4092873	4097564	+	0.000529
Oxct1	MmuINT0114206	chr15	4097667	4103727	+	0.000389
Oxct1	MmuINT0114207	chr15	3985369	3987090	+	0.000192



Oxct1	MmuINT0114208	chr15	3987182	3997464	+	0.000197
Oxct1	MmuINT0114209	chr15	3997601	4003714	+	0.000348
Oxct1	MmuINT0114210	chr15	4003865	4007668	+	0.000165
Oxct1	MmuINT0114211	chr15	4007776	4009935	+	0.000205
Oxct1	MmuINT0114212	chr15	4009997	4041167	+	0.000208
Oxct1	MmuINT0114213	chr15	4041276	4042410	+	0.000266
Oxct1	MmuINT0114214	chr15	4042526	4044014	+	0.000465
Oxnad1	MmuINT0114218	chr14	32899240	32904821	+	0.002582
Oxnad1	MmuINT0114219	chr14	32904946	32905253	+	0.005758
Oxnad1	MmuINT0114220	chr14	32905318	32908550	+	0.012015
Oxnad1	MmuINT0114221	chr14	32908658	32909672	+	0.005707
Oxnad1	MmuINT0114222	chr14	32909815	32912574	+	0.016305
Oxnad1	MmuINT0114223	chr14	32912818	32914171	+	0.012917
Oxnad1	MmuINT0114224	chr14	32914281	32915442	+	0.002328
Oxr1	MmuINT0114230	chr15	41655042	41657435	+	0.012852
Oxr1	MmuINT0114231	chr15	41657599	41680215	+	0.239178
Oxr1	MmuINT0114232	chr15	41680297	41682004	+	0.165816
Oxr1	MmuINT0114233	chr15	41682131	41682920	+	0.00644
Oxr1	MmuINT0114234	chr15	41683074	41684867	+	0.005462
Oxr1	MmuINT0114235	chr15	41684964	41686466	+	0.00607
Oxr1	MmuINT0114236	chr15	41686541	41690703	+	0.00576
Oxr1	MmuINT0114239	chr15	41629103	41632016	+	0.023134
Oxr1	MmuINT0114240	chr15	41632125	41633127	+	0.017637
Oxr1	MmuINT0114241	chr15	41633242	41645119	+	0.019577
Oxr1	MmuINT0114242	chr15	41645273	41648627	+	0.023621
Oxr1	MmuINT0114243	chr15	41648813	41651384	+	0.012183
Oxr1	MmuINT0114244	chr15	41652125	41654872	+	0.012993
Oxsm	MmuINT0114245	chr14	17073585	17074304	-	0.007693
Oxsr1	MmuINT0114246	chr9	1.19E+08	1.19E+08	-	0.006974
Oxsr1	MmuINT0114247	chr9	1.19E+08	1.19E+08	-	0.010181
Oxsr1	MmuINT0114248	chr9	1.19E+08	1.19E+08	-	0.01569
Oxsr1	MmuINT0114249	chr9	1.19E+08	1.19E+08	-	0.009856
Oxsr1	MmuINT0114250	chr9	1.19E+08	1.19E+08	-	0.033299
Oxsr1	MmuINT0114251	chr9	1.19E+08	1.19E+08	-	0.059697
Oxsr1	MmuINT0114252	chr9	1.19E+08	1.19E+08	-	0.009534
Oxsr1	MmuINT0114253	chr9	1.19E+08	1.19E+08	-	0.007837
Oxsr1	MmuINT0114254	chr9	1.19E+08	1.19E+08	-	0.006488
Oxsr1	MmuINT0114255	chr9	1.19E+08	1.19E+08	-	0.010212
Oxsr1	MmuINT0114256	chr9	1.19E+08	1.19E+08	-	0.008407
Oxsr1	MmuINT0114257	chr9	1.19E+08	1.19E+08	-	0.007695
Oxsr1	MmuINT0114258	chr9	1.19E+08	1.19E+08	-	0.006041
Oxsr1	MmuINT0114259	chr9	1.19E+08	1.19E+08	-	0.00789
Oxsr1	MmuINT0114260	chr9	1.19E+08	1.19E+08	-	0.015343
Oxsr1	MmuINT0114261	chr9	1.19E+08	1.19E+08	-	0.007705
P2rx4	MmuINT0114298	chr5	1.23E+08	1.23E+08	+	0.055133
P2rx4	MmuINT0114299	chr5	1.23E+08	1.23E+08	+	0.094492
P2rx4	MmuINT0114300	chr5	1.23E+08	1.23E+08	+	0.037785
P2rx4	MmuINT0114301	chr5	1.23E+08	1.23E+08	+	0.017415
P2rx4	MmuINT0114302	chr5	1.23E+08	1.23E+08	+	0.016991
P2rx4	MmuINT0114303	chr5	1.23E+08	1.23E+08	+	0.058526

P2rx4	MmuINT0114304	chr5	1.23E+08	1.23E+08	+	0.222207
P2rx4	MmuINT0114305	chr5	1.23E+08	1.23E+08	+	0.110324
P2rx4	MmuINT0114306	chr5	1.23E+08	1.23E+08	+	0.021339
P2rx4	MmuINT0114307	chr5	1.23E+08	1.23E+08	+	0.02664
P2rx4	MmuINT0114308	chr5	1.23E+08	1.23E+08	+	0.041001
P2rx5	MmuINT0114309	chr11	72974236	72978357	+	0.068993
P2rx5	MmuINT0114310	chr11	72981657	72983917	+	0.079274
P2rx5	MmuINT0114311	chr11	72984001	72984584	+	0.015758
P2rx5	MmuINT0114312	chr11	72984753	72985266	+	0.165752
P2rx5	MmuINT0114313	chr11	72978509	72979041	+	0.102896
P2rx5	MmuINT0114314	chr11	72979114	72979644	+	0.028965
P2rx5	MmuINT0114315	chr11	72979721	72979806	+	0.181658
P2rx5	MmuINT0114316	chr11	72979904	72980063	+	0.017973
P2rx5	MmuINT0114317	chr11	72980145	72980414	+	0.043317
P2rx5	MmuINT0114318	chr11	72980554	72980995	+	0.071983
P2rx5	MmuINT0114319	chr11	72981130	72981380	+	0.039774
P2rx5	MmuINT0114320	chr11	72981475	72981590	+	0.029006
P2rx7	MmuINT0114343	chr5	1.23E+08	1.23E+08	+	0.043854
P2ry1	MmuINT0114347	chr3	60808522	60810820	+	0.811593
P2ry2	MmuINT0114355	chr7	1.08E+08	1.08E+08	-	0.014166
P2ry2	MmuINT0114356	chr7	1.08E+08	1.08E+08	-	0.013642
P2ry6	MmuINT0114359	chr7	1.08E+08	1.08E+08	-	0.051802
P2ry6	MmuINT0114360	chr7	1.08E+08	1.08E+08	-	0.070075
P4ha1	MmuINT0114361	chr10	58786225	58799801	+	0.005934
P4ha1	MmuINT0114362	chr10	58824709	58828036	+	0.012617
P4ha1	MmuINT0114363	chr10	58828091	58830036	+	0.007387
P4ha1	MmuINT0114364	chr10	58830103	58831988	+	0.00629
P4ha1	MmuINT0114365	chr10	58832058	58832334	+	0.007098
P4ha1	MmuINT0114366	chr10	58832432	58833751	+	0.016319
P4ha1	MmuINT0114367	chr10	58799905	58802043	+	0.007274
P4ha1	MmuINT0114368	chr10	58802141	58805431	+	0.005748
P4ha1	MmuINT0114369	chr10	58805584	58806404	+	0.00551
P4ha1	MmuINT0114370	chr10	58806543	58810928	+	0.005014
P4ha1	MmuINT0114371	chr10	58811169	58813151	+	0.013771
P4ha1	MmuINT0114372	chr10	58813349	58814830	+	0.005787
P4ha1	MmuINT0114373	chr10	58815008	58817087	+	0.032619
P4ha1	MmuINT0114374	chr10	58817159	58824608	+	0.050675
P4ha2	MmuINT0114377	chr11	53914543	53915021	+	0.084709
P4ha2	MmuINT0114378	chr11	53938230	53938447	+	0.005988
P4ha2	MmuINT0114379	chr11	53938548	53939264	+	0.004995
P4ha2	MmuINT0114380	chr11	53939319	53939847	+	0.159445
P4ha2	MmuINT0114381	chr11	53939914	53942549	+	0.2336
P4ha2	MmuINT0114382	chr11	53942619	53942967	+	0.028201
P4ha2	MmuINT0114383	chr11	53943065	53944691	+	0.065185
P4ha2	MmuINT0114384	chr11	53915150	53923710	+	0.004756
P4ha2	MmuINT0114385	chr11	53923817	53924487	+	0.006111
P4ha2	MmuINT0114386	chr11	53924585	53924924	+	0.010854
P4ha2	MmuINT0114387	chr11	53925077	53927638	+	0.011853
P4ha2	MmuINT0114388	chr11	53927777	53930945	+	0.004493
P4ha2	MmuINT0114389	chr11	53931186	53932635	+	0.002745

P4ha2	MmuINT0114390	chr11	53932830	53933571	+	0.08227
P4ha2	MmuINT0114391	chr11	53933749	53938158	+	0.032279
P4hb	MmuINT0114404	chr11	1.2E+08	1.2E+08	-	0.002093
P4hb	MmuINT0114405	chr11	1.2E+08	1.2E+08	-	0.00455
P4hb	MmuINT0114406	chr11	1.2E+08	1.2E+08	-	0.003977
P4hb	MmuINT0114407	chr11	1.2E+08	1.2E+08	-	0.00464
P4hb	MmuINT0114408	chr11	1.2E+08	1.2E+08	-	0.005238
P4hb	MmuINT0114409	chr11	1.2E+08	1.2E+08	-	0.002304
P4hb	MmuINT0114410	chr11	1.2E+08	1.2E+08	-	0.001888
P4hb	MmuINT0114411	chr11	1.2E+08	1.2E+08	-	0.001533
P4hb	MmuINT0114412	chr11	1.2E+08	1.2E+08	-	0.004639
P4hb	MmuINT0114413	chr11	1.2E+08	1.2E+08	-	0.002934
P4htm	MmuINT0114414	chr9	1.08E+08	1.08E+08	-	0.039415
P4htm	MmuINT0114415	chr9	1.08E+08	1.08E+08	-	0.012167
P4htm	MmuINT0114416	chr9	1.08E+08	1.08E+08	-	0.015246
P4htm	MmuINT0114417	chr9	1.08E+08	1.08E+08	-	0.014097
P4htm	MmuINT0114418	chr9	1.08E+08	1.08E+08	-	0.011731
P4htm	MmuINT0114419	chr9	1.08E+08	1.08E+08	-	0.037492
P4htm	MmuINT0114420	chr9	1.08E+08	1.08E+08	-	0.009444
P4htm	MmuINT0114421	chr9	1.08E+08	1.08E+08	-	0.007383
Pa2g4	MmuINT0114422	chr10	1.28E+08	1.28E+08	-	0.025219
Pa2g4	MmuINT0114424	chr10	1.28E+08	1.28E+08	-	0.001852
Pa2g4	MmuINT0114425	chr10	1.28E+08	1.28E+08	-	0.000826
Pa2g4	MmuINT0114427	chr10	1.28E+08	1.28E+08	-	0.000454
Pa2g4	MmuINT0114429	chr10	1.28E+08	1.28E+08	-	0.003514
Pa2g4	MmuINT0114430	chr10	1.28E+08	1.28E+08	-	0.005868
Pa2g4	MmuINT0114432	chr10	1.28E+08	1.28E+08	-	0.003226
Pabpc1	MmuINT0114434	chr15	36527883	36527956	-	0.000469
Pabpc1	MmuINT0114439	chr15	36535313	36535498	-	0.000048
Pabpc1	MmuINT0114440	chr15	36532741	36535196	-	0.001861
Pabpc1	MmuINT0114442	chr15	36530763	36531069	-	0.00084
Pabpn1	MmuINT0114476	chr14	55513332	55513684	+	0.031662
Pabpn1	MmuINT0114478	chr14	55514534	55514653	+	0.009871
Pabpn1	MmuINT0114479	chr14	55514761	55515788	+	0.011548
Pabpn1	MmuINT0114480	chr14	55515877	55515957	+	0.078816
Pabpn1	MmuINT0114481	chr14	55516110	55516853	+	0.317857
Pacrgl	MmuINT0114493	chr5	48765487	48765622	+	0.052078
Pacrgl	MmuINT0114494	chr5	48765778	48766781	+	0.05976
Pacrgl	MmuINT0114498	chr5	48771471	48773025	+	0.053249
Pacs1	MmuINT0114500	chr19	5168012	5272538	-	0.018336
Pacs1	MmuINT0114501	chr19	5147208	5152273	-	0.027313
Pacs1	MmuINT0114502	chr19	5145187	5147126	-	0.010013
Pacs1	MmuINT0114503	chr19	5144936	5145070	-	0.009568
Pacs1	MmuINT0114504	chr19	5143880	5144799	-	0.016709
Pacs1	MmuINT0114505	chr19	5143458	5143774	-	0.0137
Pacs1	MmuINT0114506	chr19	5142671	5143350	-	0.009087
Pacs1	MmuINT0114507	chr19	5142355	5142515	-	0.008856
Pacs1	MmuINT0114508	chr19	5141710	5142243	-	0.014953
Pacs1	MmuINT0114509	chr19	5141203	5141606	-	0.036513
Pacs1	MmuINT0114510	chr19	5139323	5141159	-	0.062662

Pacs1	MmuINT0114511	chr19	5160808	5167923	-	0.012576
Pacs1	MmuINT0114512	chr19	5139066	5139279	-	0.026075
Pacs1	MmuINT0114513	chr19	5136920	5138929	-	0.032415
Pacs1	MmuINT0114514	chr19	5135240	5136692	-	0.009425
Pacs1	MmuINT0114515	chr19	5135026	5135119	-	0.007822
Pacs1	MmuINT0114516	chr19	5160094	5160717	-	0.024333
Pacs1	MmuINT0114517	chr19	5156502	5159967	-	0.010573
Pacs1	MmuINT0114518	chr19	5155948	5156356	-	0.012332
Pacs1	MmuINT0114519	chr19	5155770	5155855	-	0.008768
Pacs1	MmuINT0114520	chr19	5153724	5155688	-	0.012931
Pacs1	MmuINT0114521	chr19	5152821	5153663	-	0.008509
Pacs1	MmuINT0114522	chr19	5152368	5152659	-	0.013528
Pacs2	MmuINT0114523	chr12	1.14E+08	1.14E+08	+	0.031647
Pacs2	MmuINT0114524	chr12	1.14E+08	1.14E+08	+	0.009356
Pacs2	MmuINT0114525	chr12	1.14E+08	1.14E+08	+	0.010465
Pacs2	MmuINT0114526	chr12	1.14E+08	1.14E+08	+	0.007207
Pacs2	MmuINT0114527	chr12	1.14E+08	1.14E+08	+	0.064983
Pacs2	MmuINT0114528	chr12	1.14E+08	1.14E+08	+	0.031063
Pacs2	MmuINT0114529	chr12	1.14E+08	1.14E+08	+	0.03145
Pacs2	MmuINT0114530	chr12	1.14E+08	1.14E+08	+	0.006028
Pacs2	MmuINT0114531	chr12	1.14E+08	1.14E+08	+	0.040548
Pacs2	MmuINT0114532	chr12	1.14E+08	1.14E+08	+	0.144815
Pacs2	MmuINT0114533	chr12	1.14E+08	1.14E+08	+	0.035873
Pacs2	MmuINT0114534	chr12	1.14E+08	1.14E+08	+	0.012293
Pacs2	MmuINT0114535	chr12	1.14E+08	1.14E+08	+	0.053997
Pacs2	MmuINT0114536	chr12	1.14E+08	1.14E+08	+	0.024471
Pacs2	MmuINT0114537	chr12	1.14E+08	1.14E+08	+	0.049631
Pacs2	MmuINT0114538	chr12	1.14E+08	1.14E+08	+	0.058038
Pacs2	MmuINT0114539	chr12	1.14E+08	1.14E+08	+	0.009966
Pacs2	MmuINT0114540	chr12	1.14E+08	1.14E+08	+	0.009525
Pacs2	MmuINT0114541	chr12	1.14E+08	1.14E+08	+	0.016426
Pacs2	MmuINT0114542	chr12	1.14E+08	1.14E+08	+	0.012408
Pacs2	MmuINT0114543	chr12	1.14E+08	1.14E+08	+	0.013779
Pacs2	MmuINT0114544	chr12	1.14E+08	1.14E+08	+	0.027516
Pacs2	MmuINT0114545	chr12	1.14E+08	1.14E+08	+	0.005885
Pacsin2	MmuINT0114557	chr15	83232430	83263093	-	0.004693
Pacsin2	MmuINT0114558	chr15	83208161	83209428	-	0.002312
Pacsin2	MmuINT0114559	chr15	83223088	83232296	-	0.001122
Pacsin2	MmuINT0114560	chr15	83221089	83222930	-	0.001035
Pacsin2	MmuINT0114561	chr15	83219101	83220852	-	0.001139
Pacsin2	MmuINT0114562	chr15	83217268	83218944	-	0.005968
Pacsin2	MmuINT0114563	chr15	83215538	83217091	-	0.009273
Pacsin2	MmuINT0114564	chr15	83212314	83215416	-	0.013526
Pacsin2	MmuINT0114565	chr15	83210237	83212191	-	0.01062
Pacsin2	MmuINT0114566	chr15	83209626	83210113	-	0.011867
Pacsin3	MmuINT0114568	chr2	91097084	91100024	+	0.917954
Pacsin3	MmuINT0114569	chr2	91104044	91104347	+	0.012832
Pacsin3	MmuINT0114570	chr2	91100085	91100327	+	0.028146
Pacsin3	MmuINT0114571	chr2	91100419	91100560	+	0.002277
Pacsin3	MmuINT0114572	chr2	91100718	91101327	+	0.013863

Pacsin3	MmuINT0114573	chr2	91101564	91101667	+	0.004009
Pacsin3	MmuINT0114574	chr2	91101824	91102924	+	0.006336
Pacsin3	MmuINT0114575	chr2	91103101	91103215	+	0.013606
Pacsin3	MmuINT0114576	chr2	91103337	91103443	+	0.0059
Pacsin3	MmuINT0114577	chr2	91103581	91103921	+	0.028963
Padi4	MmuINT0114628	chr4	1.4E+08	1.4E+08	-	0.489669
Padi4	MmuINT0114629	chr4	1.4E+08	1.4E+08	-	0.06094
Paf1	MmuINT0114653	chr7	29178274	29178687	+	0.008304
Paf1	MmuINT0114654	chr7	29181746	29181839	+	0.003277
Paf1	MmuINT0114655	chr7	29181969	29183466	+	0.043602
Paf1	MmuINT0114656	chr7	29183573	29183677	+	0.021537
Paf1	MmuINT0114657	chr7	29183769	29183844	+	0.036358
Paf1	MmuINT0114658	chr7	29178718	29180061	+	0.017004
Paf1	MmuINT0114659	chr7	29180155	29180436	+	0.007764
Paf1	MmuINT0114660	chr7	29180559	29180647	+	0.032167
Paf1	MmuINT0114661	chr7	29180715	29180789	+	0.035575
Paf1	MmuINT0114662	chr7	29180892	29180970	+	0.045741
Paf1	MmuINT0114663	chr7	29181077	29181152	+	0.073947
Paf1	MmuINT0114664	chr7	29181222	29181302	+	0.007916
Paf1	MmuINT0114665	chr7	29181407	29181628	+	0.009142
Pafah1b1	MmuINT0114666	chr11	74513023	74537500	-	0.005968
Pafah1b1	MmuINT0114667	chr11	74491245	74492959	-	0.002643
Pafah1b1	MmuINT0114668	chr11	74504113	74512812	-	0.000302
Pafah1b1	MmuINT0114669	chr11	74503787	74504027	-	0.002204
Pafah1b1	MmuINT0114670	chr11	74502686	74503711	-	0.002391
Pafah1b1	MmuINT0114671	chr11	74499567	74502478	-	0.000986
Pafah1b1	MmuINT0114672	chr11	74498011	74499397	-	0.008309
Pafah1b1	MmuINT0114673	chr11	74497190	74497907	-	0.000059
Pafah1b1	MmuINT0114675	chr11	74493117	74495736	-	0.000341
Pafah1b2	MmuINT0114676	chr9	45786813	45792787	-	0.012519
Pafah1b2	MmuINT0114677	chr9	45784214	45786724	-	0.009181
Pafah1b2	MmuINT0114678	chr9	45783281	45784123	-	0.005793
Pafah1b2	MmuINT0114679	chr9	45781148	45783163	-	0.004857
Pafah1b2	MmuINT0114680	chr9	45777050	45781024	-	0.034285
Pafah1b3	MmuINT0114682	chr7	26082195	26082390	-	0.063376
Pafah1b3	MmuINT0114683	chr7	26081457	26082104	-	0.07232
Pafah1b3	MmuINT0114684	chr7	26081263	26081339	-	0.045417
Pafah1b3	MmuINT0114685	chr7	26080396	26081139	-	0.073267
Pafah2	MmuINT0114686	chr4	1.34E+08	1.34E+08	+	0.065172
Pafah2	MmuINT0114687	chr4	1.34E+08	1.34E+08	+	0.020509
Pafah2	MmuINT0114688	chr4	1.34E+08	1.34E+08	+	0.017366
Pafah2	MmuINT0114689	chr4	1.34E+08	1.34E+08	+	0.176438
Pafah2	MmuINT0114690	chr4	1.34E+08	1.34E+08	+	0.082067
Pafah2	MmuINT0114691	chr4	1.34E+08	1.34E+08	+	0.02458
Pafah2	MmuINT0114692	chr4	1.34E+08	1.34E+08	+	0.037087
Pafah2	MmuINT0114693	chr4	1.34E+08	1.34E+08	+	0.069378
Pafah2	MmuINT0114694	chr4	1.34E+08	1.34E+08	+	0.02746
Pafah2	MmuINT0114695	chr4	1.34E+08	1.34E+08	+	0.012852
Paics	MmuINT0114717	chr5	77380861	77385570	+	0.001722
Paics	MmuINT0114720	chr5	77390315	77390417	+	0.001108

Paip1	MmuINT0114725	chr13	1.2E+08	1.2E+08	+	0.237048
Paip1	MmuINT0114726	chr13	1.2E+08	1.2E+08	+	0.00292
Paip1	MmuINT0114727	chr13	1.2E+08	1.2E+08	+	0.002627
Paip1	MmuINT0114728	chr13	1.2E+08	1.2E+08	+	0.00428
Paip1	MmuINT0114729	chr13	1.2E+08	1.2E+08	+	0.003415
Paip1	MmuINT0114730	chr13	1.2E+08	1.2E+08	+	0.003022
Paip1	MmuINT0114731	chr13	1.2E+08	1.2E+08	+	0.004449
Paip1	MmuINT0114732	chr13	1.2E+08	1.2E+08	+	0.001951
Paip1	MmuINT0114733	chr13	1.2E+08	1.2E+08	+	0.003469
Paip1	MmuINT0114734	chr13	1.2E+08	1.2E+08	+	0.003682
Paip2	MmuINT0114736	chr18	35758414	35770524	+	0.014696
Paip2	MmuINT0114737	chr18	35770689	35772976	+	0.000859
Paip2	MmuINT0114738	chr18	35773157	35775852	+	0.001555
Paip2b	MmuINT0114739	chr6	83781323	83781628	-	0.011108
Paip2b	MmuINT0114740	chr6	83764864	83781264	-	0.005553
Paip2b	MmuINT0114741	chr6	83760070	83764715	-	0.004604
Paip2b	MmuINT0114742	chr6	83758887	83759892	-	0.027325
Pak1ip1	MmuINT0114757	chr13	41096783	41100105	+	0.010481
Pak1ip1	MmuINT0114758	chr13	41100269	41103384	+	0.008028
Pak1ip1	MmuINT0114759	chr13	41103506	41103579	+	0.055712
Pak1ip1	MmuINT0114760	chr13	41103655	41104254	+	0.031774
Pak1ip1	MmuINT0114761	chr13	41104308	41104587	+	0.039339
Pak1ip1	MmuINT0114762	chr13	41104734	41104816	+	0.024125
Pak1ip1	MmuINT0114763	chr13	41104915	41106551	+	0.021297
Pak1ip1	MmuINT0114764	chr13	41106652	41107702	+	0.010548
Pak1ip1	MmuINT0114765	chr13	41107827	41107933	+	0.00532
Pak2	MmuINT0114766	chr16	32052470	32079173	-	0.010961
Pak2	MmuINT0114767	chr16	32031788	32033872	-	0.009324
Pak2	MmuINT0114768	chr16	32027898	32031669	-	0.010113
Pak2	MmuINT0114769	chr16	32023372	32027797	-	0.014456
Pak2	MmuINT0114770	chr16	32021998	32023174	-	0.006819
Pak2	MmuINT0114771	chr16	32020353	32021859	-	0.011704
Pak2	MmuINT0114772	chr16	32044668	32052261	-	0.009842
Pak2	MmuINT0114773	chr16	32044087	32044566	-	0.009087
Pak2	MmuINT0114774	chr16	32043264	32043938	-	0.011502
Pak2	MmuINT0114775	chr16	32041662	32043231	-	0.017863
Pak2	MmuINT0114776	chr16	32040018	32041553	-	0.007545
Pak2	MmuINT0114777	chr16	32037395	32039884	-	0.007796
Pak2	MmuINT0114778	chr16	32035030	32037330	-	0.014664
Pak2	MmuINT0114779	chr16	32033986	32034980	-	0.019712
Pak4	MmuINT0114806	chr7	29350291	29353052	-	0.035042
Pak4	MmuINT0114807	chr7	29349666	29349831	-	0.041878
Pak4	MmuINT0114808	chr7	29348101	29349224	-	0.067744
Pak4	MmuINT0114809	chr7	29347684	29347966	-	0.04239
Pak4	MmuINT0114810	chr7	29345944	29347556	-	0.040179
Pak4	MmuINT0114811	chr7	29345299	29345817	-	0.042945
Pak4	MmuINT0114812	chr7	29344825	29345163	-	0.035055
Pak6	MmuINT0114813	chr2	1.18E+08	1.18E+08	+	0.022605
Pak6	MmuINT0114816	chr2	1.19E+08	1.19E+08	+	0.047407
Pak6	MmuINT0114817	chr2	1.19E+08	1.19E+08	+	0.020775

Pak6	MmuINT0114818	chr2	1.19E+08	1.19E+08	+	0.016325
Pak6	MmuINT0114819	chr2	1.19E+08	1.19E+08	+	0.018877
Pak6	MmuINT0114820	chr2	1.19E+08	1.19E+08	+	0.028216
Pak6	MmuINT0114821	chr2	1.19E+08	1.19E+08	+	0.024604
Pak6	MmuINT0114822	chr2	1.19E+08	1.19E+08	+	0.027481
Pak6	MmuINT0114823	chr2	1.19E+08	1.19E+08	+	0.024577
Palld	MmuINT0114845	chr8	64356713	64381337	-	0.002243
Palld	MmuINT0114847	chr8	64014582	64017484	-	0.001555
Palld	MmuINT0114848	chr8	64012373	64014482	-	0.401603
Palld	MmuINT0114849	chr8	64010859	64012150	-	0.001562
Palld	MmuINT0114850	chr8	64003960	64010708	-	0.002543
Palld	MmuINT0114851	chr8	64001814	64003864	-	0.001788
Palld	MmuINT0114852	chr8	63995540	64001680	-	0.004819
Palld	MmuINT0114853	chr8	63994832	63995331	-	0.002738
Palld	MmuINT0114854	chr8	63994134	63994665	-	0.002278
Palld	MmuINT0114855	chr8	63993832	63993999	-	0.316202
Palld	MmuINT0114856	chr8	64199492	64355709	-	0.002931
Palld	MmuINT0114857	chr8	64191676	64199312	-	0.002684
Palld	MmuINT0114858	chr8	64190278	64191608	-	0.003246
Palld	MmuINT0114859	chr8	64187865	64190171	-	0.002976
Palld	MmuINT0114860	chr8	64182041	64187789	-	0.002522
Palld	MmuINT0114861	chr8	64180991	64181898	-	0.002067
Palld	MmuINT0114862	chr8	64166247	64180966	-	0.002963
Palld	MmuINT0114863	chr8	64163875	64166126	-	0.001481
Palm	MmuINT0114866	chr10	79269437	79269778	+	0.017681
Palm	MmuINT0114867	chr10	79269860	79270322	+	0.087849
Palm	MmuINT0114868	chr10	79270454	79272214	+	0.012802
Palm	MmuINT0114869	chr10	79272366	79275087	+	0.250495
Palm	MmuINT0114870	chr10	79275110	79277929	+	0.081383
Palm	MmuINT0114871	chr10	79277987	79279536	+	0.147094
Palm	MmuINT0114872	chr10	79279669	79281785	+	0.129337
Palm2	MmuINT0114873	chr4	57581288	57650881	+	0.024531
Palm2	MmuINT0114874	chr4	57650963	57660861	+	0.010148
Palm2	MmuINT0114875	chr4	57660993	57701287	+	0.008742
Palm2	MmuINT0114876	chr4	57701403	57702394	+	0.0065
Palmd	MmuINT0114884	chr3	1.17E+08	1.17E+08	-	0.038361
Palmd	MmuINT0114885	chr3	1.17E+08	1.17E+08	-	0.010298
Palmd	MmuINT0114886	chr3	1.17E+08	1.17E+08	-	0.006041
Palmd	MmuINT0114887	chr3	1.17E+08	1.17E+08	-	0.013661
Palmd	MmuINT0114888	chr3	1.17E+08	1.17E+08	-	0.008649
Palmd	MmuINT0114889	chr3	1.17E+08	1.17E+08	-	0.005409
Palmd	MmuINT0114890	chr3	1.17E+08	1.17E+08	-	0.010617
Pam	MmuINT0114891	chr1	99873837	99992061	-	0.160867
Pam	MmuINT0114892	chr1	99792286	99792545	-	0.000695
Pam	MmuINT0114893	chr1	99791042	99792208	-	0.000933
Pam	MmuINT0114894	chr1	99782364	99790937	-	0.000714
Pam	MmuINT0114895	chr1	99780775	99782178	-	0.000571
Pam	MmuINT0114896	chr1	99761098	99780702	-	0.000601
Pam	MmuINT0114897	chr1	99749810	99760779	-	0.001009
Pam	MmuINT0114898	chr1	99741290	99749679	-	0.001154

Pam	MmuINT0114899	chr1	99738882	99741172	-	0.000624
Pam	MmuINT0114900	chr1	99737487	99738808	-	0.00053
Pam	MmuINT0114901	chr1	99737058	99737275	-	0.000686
Pam	MmuINT0114902	chr1	99872483	99873433	-	0.001236
Pam	MmuINT0114903	chr1	99734656	99736856	-	0.000458
Pam	MmuINT0114904	chr1	99731094	99734539	-	0.001668
Pam	MmuINT0114905	chr1	99728086	99730984	-	0.002503
Pam	MmuINT0114906	chr1	99722615	99728031	-	0.62209
Pam	MmuINT0114907	chr1	99719567	99722413	-	0.009716
Pam	MmuINT0114908	chr1	99718566	99719512	-	0.002313
Pam	MmuINT0114909	chr1	99841255	99872361	-	0.001364
Pam	MmuINT0114910	chr1	99831316	99841196	-	0.001088
Pam	MmuINT0114911	chr1	99821094	99831227	-	0.001325
Pam	MmuINT0114912	chr1	99819755	99821007	-	0.001111
Pam	MmuINT0114913	chr1	99794967	99819670	-	0.000953
Pam	MmuINT0114915	chr1	99792627	99793784	-	0.001206
Pan2	MmuINT0114930	chr10	1.28E+08	1.28E+08	+	0.027256
Pan2	MmuINT0114931	chr10	1.28E+08	1.28E+08	+	0.248548
Pan2	MmuINT0114932	chr10	1.28E+08	1.28E+08	+	0.032594
Pan2	MmuINT0114933	chr10	1.28E+08	1.28E+08	+	0.147251
Pan2	MmuINT0114934	chr10	1.28E+08	1.28E+08	+	0.651619
Pan2	MmuINT0114935	chr10	1.28E+08	1.28E+08	+	0.079459
Pan2	MmuINT0114936	chr10	1.28E+08	1.28E+08	+	0.021525
Pan2	MmuINT0114937	chr10	1.28E+08	1.28E+08	+	0.027646
Pan2	MmuINT0114938	chr10	1.28E+08	1.28E+08	+	0.617581
Pan2	MmuINT0114939	chr10	1.28E+08	1.28E+08	+	0.135219
Pan2	MmuINT0114940	chr10	1.28E+08	1.28E+08	+	0.052746
Pan2	MmuINT0114941	chr10	1.28E+08	1.28E+08	+	0.137196
Pan2	MmuINT0114942	chr10	1.28E+08	1.28E+08	+	0.045447
Pan2	MmuINT0114943	chr10	1.28E+08	1.28E+08	+	0.022054
Pan2	MmuINT0114944	chr10	1.28E+08	1.28E+08	+	0.072579
Pan2	MmuINT0114945	chr10	1.28E+08	1.28E+08	+	0.45294
Pan2	MmuINT0114946	chr10	1.28E+08	1.28E+08	+	0.05628
Pan2	MmuINT0114947	chr10	1.28E+08	1.28E+08	+	0.111494
Pan2	MmuINT0114948	chr10	1.28E+08	1.28E+08	+	0.0618
Pan2	MmuINT0114949	chr10	1.28E+08	1.28E+08	+	0.027086
Pan2	MmuINT0114950	chr10	1.28E+08	1.28E+08	+	0.037681
Pan2	MmuINT0114951	chr10	1.28E+08	1.28E+08	+	0.017416
Pan2	MmuINT0114952	chr10	1.28E+08	1.28E+08	+	0.089267
Pan2	MmuINT0114953	chr10	1.28E+08	1.28E+08	+	0.064329
Pan2	MmuINT0114954	chr10	1.28E+08	1.28E+08	+	0.170935
Pan3	MmuINT0114956	chr5	1.48E+08	1.48E+08	+	0.033649
Pan3	MmuINT0114957	chr5	1.48E+08	1.48E+08	+	0.072989
Pan3	MmuINT0114958	chr5	1.48E+08	1.48E+08	+	0.029913
Pan3	MmuINT0114959	chr5	1.48E+08	1.48E+08	+	0.078918
Pan3	MmuINT0114960	chr5	1.48E+08	1.48E+08	+	0.069385
Pan3	MmuINT0114961	chr5	1.48E+08	1.48E+08	+	0.256781
Pan3	MmuINT0114962	chr5	1.48E+08	1.48E+08	+	0.358345
Pan3	MmuINT0114963	chr5	1.48E+08	1.48E+08	+	0.090203
Pan3	MmuINT0114964	chr5	1.48E+08	1.48E+08	+	0.653533



Pan3	MmuINT0114966	chr5	1.48E+08	1.48E+08	+	0.036595
Pan3	MmuINT0114970	chr5	1.48E+08	1.48E+08	+	0.035029
Pan3	MmuINT0114972	chr5	1.48E+08	1.48E+08	+	0.027027
Pank1	MmuINT0114974	chr19	34915600	34952175	-	0.287977
Pank1	MmuINT0114975	chr19	34901864	34915246	-	0.005663
Pank1	MmuINT0114976	chr19	34896380	34901609	-	0.01179
Pank1	MmuINT0114977	chr19	34895714	34896202	-	0.005158
Pank1	MmuINT0114978	chr19	34888308	34895589	-	0.014506
Pank1	MmuINT0114979	chr19	34886878	34888181	-	0.003316
Pank2	MmuINT0114980	chr2	1.31E+08	1.31E+08	+	0.048304
Pank2	MmuINT0114981	chr2	1.31E+08	1.31E+08	+	0.068423
Pank2	MmuINT0114982	chr2	1.31E+08	1.31E+08	+	0.057935
Pank2	MmuINT0114983	chr2	1.31E+08	1.31E+08	+	0.026867
Pank2	MmuINT0114984	chr2	1.31E+08	1.31E+08	+	0.103313
Pank2	MmuINT0114985	chr2	1.31E+08	1.31E+08	+	0.013345
Pank3	MmuINT0114986	chr11	35583450	35589587	+	0.064834
Pank3	MmuINT0114987	chr11	35589941	35591068	+	0.01846
Pank3	MmuINT0114988	chr11	35591323	35592077	+	0.016509
Pank3	MmuINT0114989	chr11	35592255	35595085	+	0.015441
Pank3	MmuINT0114990	chr11	35595210	35596949	+	0.021718
Pank3	MmuINT0114991	chr11	35597076	35598909	+	0.016359
Pank4	MmuINT0114992	chr4	1.54E+08	1.54E+08	+	0.009969
Pank4	MmuINT0114993	chr4	1.54E+08	1.54E+08	+	0.032759
Pank4	MmuINT0114994	chr4	1.54E+08	1.54E+08	+	0.079372
Pank4	MmuINT0114995	chr4	1.54E+08	1.54E+08	+	0.011954
Pank4	MmuINT0114996	chr4	1.54E+08	1.54E+08	+	0.066248
Pank4	MmuINT0114997	chr4	1.54E+08	1.54E+08	+	0.015073
Pank4	MmuINT0114998	chr4	1.54E+08	1.54E+08	+	0.02627
Pank4	MmuINT0114999	chr4	1.54E+08	1.54E+08	+	0.136433
Pank4	MmuINT0115000	chr4	1.54E+08	1.54E+08	+	0.008531
Pank4	MmuINT0115001	chr4	1.54E+08	1.54E+08	+	0.029795
Pank4	MmuINT0115002	chr4	1.54E+08	1.54E+08	+	0.017891
Pank4	MmuINT0115003	chr4	1.54E+08	1.54E+08	+	0.003934
Pank4	MmuINT0115004	chr4	1.54E+08	1.54E+08	+	0.055016
Pank4	MmuINT0115005	chr4	1.54E+08	1.54E+08	+	0.06811
Pank4	MmuINT0115006	chr4	1.54E+08	1.54E+08	+	0.027705
Pank4	MmuINT0115007	chr4	1.54E+08	1.54E+08	+	0.036416
Pank4	MmuINT0115008	chr4	1.54E+08	1.54E+08	+	0.225776
Pank4	MmuINT0115009	chr4	1.54E+08	1.54E+08	+	0.220754
Paox	MmuINT0115019	chr7	1.47E+08	1.47E+08	+	0.096241
Papd4	MmuINT0115025	chr13	93956432	93962048	-	0.120153
Papd4	MmuINT0115032	chr13	93954272	93955762	-	0.018832
Papd4	MmuINT0115035	chr13	93944674	93945473	-	0.033669
Papd4	MmuINT0115036	chr13	93941848	93944594	-	0.062461
Papd5	MmuINT0115040	chr8	90776185	90776284	+	0.016724
Papd5	MmuINT0115041	chr8	90776473	90779007	+	0.024453
Papd5	MmuINT0115042	chr8	90779173	90780997	+	0.024006
Papd5	MmuINT0115043	chr8	90767264	90769496	+	0.140188
Papd5	MmuINT0115044	chr8	90769544	90770263	+	0.017499
Papd5	MmuINT0115045	chr8	90770385	90771407	+	0.018518

Papd5	MmuINT0115046	chr8	90771516	90773003	+	0.023511
Papd5	MmuINT0115047	chr8	90773133	90774538	+	0.013097
Papd5	MmuINT0115048	chr8	90774753	90775853	+	0.012175
Papd5	MmuINT0115049	chr8	90775981	90776080	+	0.014984
Papd7	MmuINT0115051	chr13	69654782	69672365	-	0.11501
Papd7	MmuINT0115052	chr13	69641228	69641783	-	0.021772
Papd7	MmuINT0115053	chr13	69639516	69641068	-	0.025299
Papd7	MmuINT0115054	chr13	69653890	69654657	-	0.037908
Papd7	MmuINT0115055	chr13	69651889	69653842	-	0.026089
Papd7	MmuINT0115056	chr13	69649606	69651767	-	0.022579
Papd7	MmuINT0115057	chr13	69648570	69649497	-	0.028727
Papd7	MmuINT0115058	chr13	69646008	69648440	-	0.02515
Papd7	MmuINT0115059	chr13	69643611	69645793	-	0.029815
Papd7	MmuINT0115060	chr13	69642614	69643483	-	0.03255
Papd7	MmuINT0115061	chr13	69641957	69642512	-	0.034439
Papola	MmuINT0115089	chr12	1.07E+08	1.07E+08	+	0.00345
Papola	MmuINT0115090	chr12	1.07E+08	1.07E+08	+	0.097155
Papola	MmuINT0115091	chr12	1.07E+08	1.07E+08	+	0.012176
Papola	MmuINT0115092	chr12	1.07E+08	1.07E+08	+	0.029019
Papola	MmuINT0115093	chr12	1.07E+08	1.07E+08	+	0.008004
Papola	MmuINT0115094	chr12	1.07E+08	1.07E+08	+	0.00038
Papola	MmuINT0115095	chr12	1.07E+08	1.07E+08	+	0.007265
Papola	MmuINT0115096	chr12	1.07E+08	1.07E+08	+	0.006036
Papola	MmuINT0115097	chr12	1.07E+08	1.07E+08	+	0.004193
Papola	MmuINT0115098	chr12	1.07E+08	1.07E+08	+	0.004779
Papola	MmuINT0115099	chr12	1.07E+08	1.07E+08	+	0.033892
Papola	MmuINT0115101	chr12	1.07E+08	1.07E+08	+	0.055768
Papola	MmuINT0115102	chr12	1.07E+08	1.07E+08	+	0.033479
Papola	MmuINT0115103	chr12	1.07E+08	1.07E+08	+	0.004553
Papola	MmuINT0115104	chr12	1.07E+08	1.07E+08	+	0.004027
Papola	MmuINT0115105	chr12	1.07E+08	1.07E+08	+	0.002527
Papola	MmuINT0115106	chr12	1.07E+08	1.07E+08	+	0.0025
Papola	MmuINT0115107	chr12	1.07E+08	1.07E+08	+	0.00772
Papola	MmuINT0115108	chr12	1.07E+08	1.07E+08	+	0.006063
Papola	MmuINT0115109	chr12	1.07E+08	1.07E+08	+	0.108251
Papolg	MmuINT0115110	chr11	23791905	23795021	-	0.034905
Papolg	MmuINT0115111	chr11	23773911	23774474	-	0.042339
Papolg	MmuINT0115112	chr11	23773313	23773789	-	0.035837
Papolg	MmuINT0115113	chr11	23772481	23773227	-	0.060861
Papolg	MmuINT0115114	chr11	23770863	23772426	-	0.042718
Papolg	MmuINT0115115	chr11	23770303	23770742	-	0.027193
Papolg	MmuINT0115116	chr11	23768481	23770192	-	0.044141
Papolg	MmuINT0115117	chr11	23768127	23768358	-	0.024791
Papolg	MmuINT0115118	chr11	23767591	23767956	-	0.034287
Papolg	MmuINT0115119	chr11	23767419	23767501	-	0.029492
Papolg	MmuINT0115120	chr11	23766696	23767197	-	0.046894
Papolg	MmuINT0115122	chr11	23766468	23766629	-	0.044974
Papolg	MmuINT0115123	chr11	23764057	23766410	-	0.030532
Papolg	MmuINT0115124	chr11	23785573	23790228	-	0.059054
Papolg	MmuINT0115126	chr11	23784115	23785163	-	0.048843

Papolg	MmuINT0115129	chr11	23776459	23779873	-	0.045198
Papolg	MmuINT0115130	chr11	23774548	23776319	-	0.052549
Papss1	MmuINT0115173	chr3	1.31E+08	1.31E+08	+	0.026455
Papss1	MmuINT0115174	chr3	1.31E+08	1.31E+08	+	0.024679
Papss1	MmuINT0115175	chr3	1.31E+08	1.31E+08	+	0.019686
Papss1	MmuINT0115176	chr3	1.31E+08	1.31E+08	+	0.022145
Papss1	MmuINT0115177	chr3	1.31E+08	1.31E+08	+	0.028233
Papss1	MmuINT0115178	chr3	1.31E+08	1.31E+08	+	0.031482
Papss1	MmuINT0115179	chr3	1.31E+08	1.31E+08	+	0.020877
Papss1	MmuINT0115180	chr3	1.31E+08	1.31E+08	+	0.03097
Papss1	MmuINT0115181	chr3	1.31E+08	1.31E+08	+	0.025923
Papss1	MmuINT0115182	chr3	1.31E+08	1.31E+08	+	0.016178
Papss1	MmuINT0115183	chr3	1.31E+08	1.31E+08	+	0.022666
Papss2	MmuINT0115185	chr19	32735205	32737544	+	0.042906
Papss2	MmuINT0115186	chr19	32737814	32738910	+	0.042413
Papss2	MmuINT0115187	chr19	32739141	32739915	+	0.036967
Papss2	MmuINT0115188	chr19	32708491	32711523	+	0.034569
Papss2	MmuINT0115189	chr19	32711760	32712743	+	0.027154
Papss2	MmuINT0115191	chr19	32713528	32713707	+	0.021252
Papss2	MmuINT0115192	chr19	32713822	32715789	+	0.033812
Papss2	MmuINT0115195	chr19	32726592	32735068	+	0.053757
Paqr3	MmuINT0115197	chr5	97532535	97537184	-	0.043141
Paqr4	MmuINT0115202	chr17	23875329	23876826	-	0.012921
Paqr4	MmuINT0115203	chr17	23874967	23875106	-	0.006546
Pard3	MmuINT0115225	chr8	1.3E+08	1.3E+08	+	0.017815
Pard3	MmuINT0115226	chr8	1.3E+08	1.3E+08	+	0.009465
Pard3	MmuINT0115227	chr8	1.3E+08	1.3E+08	+	0.012887
Pard3	MmuINT0115228	chr8	1.3E+08	1.3E+08	+	0.008695
Pard3	MmuINT0115229	chr8	1.3E+08	1.3E+08	+	0.00819
Pard3	MmuINT0115230	chr8	1.3E+08	1.3E+08	+	0.012903
Pard3	MmuINT0115231	chr8	1.3E+08	1.3E+08	+	0.185149
Pard3	MmuINT0115232	chr8	1.3E+08	1.3E+08	+	0.010194
Pard3	MmuINT0115234	chr8	1.3E+08	1.3E+08	+	0.009456
Pard3	MmuINT0115235	chr8	1.3E+08	1.3E+08	+	0.010829
Pard3	MmuINT0115236	chr8	1.3E+08	1.3E+08	+	0.038584
Pard3	MmuINT0115237	chr8	1.3E+08	1.3E+08	+	0.013282
Pard3	MmuINT0115238	chr8	1.3E+08	1.3E+08	+	0.020253
Pard3	MmuINT0115239	chr8	1.3E+08	1.3E+08	+	0.018956
Pard3	MmuINT0115240	chr8	1.3E+08	1.3E+08	+	0.013061
Pard3	MmuINT0115241	chr8	1.3E+08	1.3E+08	+	0.008566
Pard3	MmuINT0115242	chr8	1.3E+08	1.3E+08	+	0.013875
Pard3	MmuINT0115243	chr8	1.3E+08	1.3E+08	+	0.011107
Pard3	MmuINT0115244	chr8	1.3E+08	1.3E+08	+	0.01134
Pard3	MmuINT0115245	chr8	1.3E+08	1.3E+08	+	0.020457
Pard3	MmuINT0115246	chr8	1.3E+08	1.3E+08	+	0.010749
Pard3	MmuINT0115247	chr8	1.3E+08	1.3E+08	+	0.010897
Pard3b	MmuINT0115257	chr1	62391682	62486584	+	0.027127
Pard3b	MmuINT0115260	chr1	62526370	62579218	+	0.038521
Pard6a	MmuINT0115272	chr8	1.08E+08	1.08E+08	+	0.35036
Parg	MmuINT0115277	chr14	33015652	33021342	+	0.031288

Parg	MmuINT0115278	chr14	33063283	33067721	+	0.031635
Parg	MmuINT0115279	chr14	33067783	33071263	+	0.022535
Parg	MmuINT0115280	chr14	33071340	33075869	+	0.020383
Parg	MmuINT0115281	chr14	33076018	33084815	+	0.013906
Parg	MmuINT0115282	chr14	33084895	33088035	+	0.019076
Parg	MmuINT0115283	chr14	33088145	33097284	+	0.029729
Parg	MmuINT0115284	chr14	33097391	33108384	+	0.023669
Parg	MmuINT0115285	chr14	33108514	33109375	+	0.012245
Parg	MmuINT0115286	chr14	33021410	33021897	+	0.044189
Parg	MmuINT0115287	chr14	33022861	33023640	+	0.012957
Parg	MmuINT0115288	chr14	33023825	33027509	+	0.015552
Parg	MmuINT0115289	chr14	33027633	33027752	+	0.01514
Parg	MmuINT0115290	chr14	33027837	33030845	+	0.022894
Parg	MmuINT0115291	chr14	33030921	33051716	+	0.027758
Parg	MmuINT0115292	chr14	33051810	33055374	+	0.019636
Parg	MmuINT0115293	chr14	33055533	33063202	+	0.026358
Park2	MmuINT0115294	chr17	11033356	11259994	+	0.017822
Park2	MmuINT0115295	chr17	12196995	12243491	+	0.02322
Park2	MmuINT0115296	chr17	12243610	12254406	+	0.02469
Park2	MmuINT0115297	chr17	11260159	11430327	+	0.02198
Park2	MmuINT0115298	chr17	11430569	11496458	+	0.763248
Park2	MmuINT0115299	chr17	11496578	11627415	+	0.037479
Park2	MmuINT0115300	chr17	11627500	11685544	+	0.028524
Park2	MmuINT0115301	chr17	11685661	11828175	+	0.025537
Park2	MmuINT0115302	chr17	11828313	12031467	+	0.030286
Park2	MmuINT0115303	chr17	12031530	12047592	+	0.039266
Park2	MmuINT0115304	chr17	12047743	12196910	+	0.028195
Park7	MmuINT0115305	chr4	1.5E+08	1.5E+08	-	0.002931
Park7	MmuINT0115306	chr4	1.5E+08	1.5E+08	-	0.00081
Park7	MmuINT0115307	chr4	1.5E+08	1.5E+08	-	0.002127
Park7	MmuINT0115308	chr4	1.5E+08	1.5E+08	-	0.004629
Park7	MmuINT0115309	chr4	1.5E+08	1.5E+08	-	0.004797
Park7	MmuINT0115310	chr4	1.5E+08	1.5E+08	-	0.004084
Parl	MmuINT0115311	chr16	20298400	20302281	-	0.001422
Parl	MmuINT0115312	chr16	20297807	20298203	-	0.001916
Parl	MmuINT0115313	chr16	20293476	20297665	-	0.002687
Parl	MmuINT0115314	chr16	20288026	20293426	-	0.020693
Parl	MmuINT0115315	chr16	20287143	20287929	-	0.008044
Parl	MmuINT0115316	chr16	20285909	20286992	-	0.000698
Parm1	MmuINT0115320	chr5	91946984	92022843	+	0.001899
Parm1	MmuINT0115321	chr5	92023528	92042023	+	0.001938
Parm1	MmuINT0115322	chr5	92042103	92051958	+	0.001955
Parn	MmuINT0115323	chr16	13667705	13668103	-	0.033146
Parn	MmuINT0115324	chr16	13648593	13650727	-	0.038458
Parn	MmuINT0115325	chr16	13647393	13648511	-	0.058578
Parn	MmuINT0115326	chr16	13640424	13647335	-	0.031005
Parn	MmuINT0115327	chr16	13631667	13640345	-	0.034317
Parn	MmuINT0115328	chr16	13629719	13631622	-	0.044515
Parn	MmuINT0115329	chr16	13628543	13629675	-	0.038179
Parn	MmuINT0115330	chr16	13626318	13628466	-	0.021833

Parn	MmuINT0115331	chr16	13625672	13626206	-	0.027135
Parn	MmuINT0115332	chr16	13607400	13625601	-	0.044469
Parn	MmuINT0115333	chr16	13606328	13607343	-	0.066385
Parn	MmuINT0115334	chr16	13666075	13667626	-	0.018534
Parn	MmuINT0115335	chr16	13603196	13606240	-	0.019565
Parn	MmuINT0115336	chr16	13566832	13603120	-	0.020689
Parn	MmuINT0115337	chr16	13541342	13566662	-	0.014113
Parn	MmuINT0115338	chr16	13538996	13541147	-	0.025292
Parn	MmuINT0115339	chr16	13664982	13665994	-	0.048249
Parn	MmuINT0115340	chr16	13664831	13664913	-	0.035509
Parn	MmuINT0115341	chr16	13657070	13664748	-	0.030273
Parn	MmuINT0115342	chr16	13654687	13657008	-	0.028038
Parn	MmuINT0115343	chr16	13652804	13654541	-	0.027118
Parn	MmuINT0115344	chr16	13651930	13652737	-	0.063384
Parn	MmuINT0115345	chr16	13650771	13651890	-	0.041192
Parp1	MmuINT0115346	chr1	1.82E+08	1.83E+08	+	0.005778
Parp1	MmuINT0115347	chr1	1.83E+08	1.83E+08	+	0.006091
Parp1	MmuINT0115348	chr1	1.83E+08	1.83E+08	+	0.006509
Parp1	MmuINT0115349	chr1	1.83E+08	1.83E+08	+	0.007572
Parp1	MmuINT0115350	chr1	1.83E+08	1.83E+08	+	0.004006
Parp1	MmuINT0115351	chr1	1.83E+08	1.83E+08	+	0.005122
Parp1	MmuINT0115352	chr1	1.83E+08	1.83E+08	+	0.012109
Parp1	MmuINT0115353	chr1	1.83E+08	1.83E+08	+	0.00507
Parp1	MmuINT0115354	chr1	1.83E+08	1.83E+08	+	0.003732
Parp1	MmuINT0115355	chr1	1.83E+08	1.83E+08	+	0.005913
Parp1	MmuINT0115356	chr1	1.83E+08	1.83E+08	+	0.008601
Parp1	MmuINT0115357	chr1	1.83E+08	1.83E+08	+	0.004331
Parp1	MmuINT0115358	chr1	1.83E+08	1.83E+08	+	0.00852
Parp1	MmuINT0115359	chr1	1.83E+08	1.83E+08	+	0.019529
Parp1	MmuINT0115360	chr1	1.83E+08	1.83E+08	+	0.00933
Parp1	MmuINT0115361	chr1	1.83E+08	1.83E+08	+	0.006729
Parp1	MmuINT0115362	chr1	1.83E+08	1.83E+08	+	0.004733
Parp1	MmuINT0115363	chr1	1.83E+08	1.83E+08	+	0.00421
Parp1	MmuINT0115364	chr1	1.83E+08	1.83E+08	+	0.005233
Parp1	MmuINT0115365	chr1	1.83E+08	1.83E+08	+	0.008465
Parp1	MmuINT0115366	chr1	1.83E+08	1.83E+08	+	0.008196
Parp1	MmuINT0115367	chr1	1.83E+08	1.83E+08	+	0.007576
Parp10	MmuINT0115368	chr15	76073673	76073776	-	0.412596
Parp10	MmuINT0115369	chr15	76064037	76064127	-	0.012705
Parp10	MmuINT0115370	chr15	76073417	76073493	-	0.019386
Parp10	MmuINT0115371	chr15	76073070	76073161	-	0.027262
Parp10	MmuINT0115372	chr15	76072753	76072832	-	0.061213
Parp10	MmuINT0115373	chr15	76071978	76072087	-	0.052341
Parp10	MmuINT0115374	chr15	76071659	76071755	-	0.018076
Parp10	MmuINT0115375	chr15	76071362	76071585	-	0.080545
Parp10	MmuINT0115376	chr15	76070613	76070716	-	0.335956
Parp10	MmuINT0115377	chr15	76064303	76070478	-	0.153738
Parp11	MmuINT0115378	chr6	1.27E+08	1.27E+08	+	0.047577
Parp11	MmuINT0115379	chr6	1.27E+08	1.27E+08	+	0.074483
Parp11	MmuINT0115382	chr6	1.27E+08	1.27E+08	+	0.135118

Parp11	MmuINT0115383	chr6	1.27E+08	1.27E+08	+	0.04224
Parp11	MmuINT0115384	chr6	1.27E+08	1.27E+08	+	0.076963
Parp11	MmuINT0115385	chr6	1.27E+08	1.27E+08	+	0.023377
Parp12	MmuINT0115387	chr6	39039129	39040197	-	0.011117
Parp12	MmuINT0115388	chr6	39037640	39038976	-	0.027885
Parp12	MmuINT0115389	chr6	39061811	39064164	-	0.011219
Parp12	MmuINT0115390	chr6	39055991	39061509	-	0.017273
Parp12	MmuINT0115391	chr6	39052682	39055888	-	0.017815
Parp12	MmuINT0115392	chr6	39050444	39052557	-	0.01936
Parp12	MmuINT0115393	chr6	39046677	39050247	-	0.016276
Parp12	MmuINT0115394	chr6	39043724	39046534	-	0.046977
Parp12	MmuINT0115395	chr6	39041380	39043626	-	0.364621
Parp12	MmuINT0115396	chr6	39040329	39041303	-	0.295095
Parp14	MmuINT0115398	chr16	35844877	35845355	-	0.073149
Parp14	MmuINT0115399	chr16	35844498	35844813	-	0.032775
Parp14	MmuINT0115400	chr16	35841717	35844329	-	0.038076
Parp14	MmuINT0115401	chr16	35841408	35841494	-	0.060391
Parp14	MmuINT0115402	chr16	35839482	35840807	-	0.053507
Parp14	MmuINT0115409	chr16	35853845	35856568	-	0.024711
Parp14	MmuINT0115410	chr16	35853040	35853604	-	0.032348
Parp14	MmuINT0115411	chr16	35846172	35852817	-	0.022919
Parp16	MmuINT0115413	chr9	65062671	65063155	+	0.883043
Parp16	MmuINT0115414	chr9	65063440	65073859	+	0.053397
Parp16	MmuINT0115415	chr9	65073998	65077612	+	0.070185
Parp16	MmuINT0115416	chr9	65077820	65081475	+	0.058261
Parp16	MmuINT0115417	chr9	65081648	65084447	+	0.073556
Parp16	MmuINT0115418	chr9	65084590	65085660	+	0.083915
Parp2	MmuINT0115419	chr14	51427663	51429748	+	0.056954
Parp2	MmuINT0115420	chr14	51438949	51439028	+	0.024528
Parp2	MmuINT0115421	chr14	51439164	51439335	+	0.025531
Parp2	MmuINT0115422	chr14	51439464	51439616	+	0.059108
Parp2	MmuINT0115423	chr14	51439717	51440152	+	0.048185
Parp2	MmuINT0115424	chr14	51440252	51440469	+	0.035886
Parp2	MmuINT0115425	chr14	51440595	51440709	+	0.013672
Parp2	MmuINT0115426	chr14	51429890	51430174	+	0.010677
Parp2	MmuINT0115427	chr14	51430246	51431450	+	0.018919
Parp2	MmuINT0115428	chr14	51431502	51434544	+	0.05013
Parp2	MmuINT0115429	chr14	51434642	51435026	+	0.264264
Parp2	MmuINT0115430	chr14	51435103	51435871	+	0.056749
Parp2	MmuINT0115431	chr14	51435975	51436647	+	0.013221
Parp2	MmuINT0115432	chr14	51436799	51437006	+	0.094507
Parp2	MmuINT0115433	chr14	51437146	51438884	+	0.099396
Parp3	MmuINT0115434	chr9	1.06E+08	1.06E+08	-	0.014451
Parp3	MmuINT0115435	chr9	1.06E+08	1.06E+08	-	0.014058
Parp3	MmuINT0115436	chr9	1.06E+08	1.06E+08	-	0.025133
Parp3	MmuINT0115437	chr9	1.06E+08	1.06E+08	-	0.014066
Parp3	MmuINT0115438	chr9	1.06E+08	1.06E+08	-	0.152178
Parp3	MmuINT0115439	chr9	1.06E+08	1.06E+08	-	0.006651
Parp3	MmuINT0115440	chr9	1.06E+08	1.06E+08	-	0.068703
Parp3	MmuINT0115441	chr9	1.06E+08	1.06E+08	-	0.144612

Parp3	MmuINT0115442	chr9	1.06E+08	1.06E+08	-	0.027241
Parp3	MmuINT0115443	chr9	1.06E+08	1.06E+08	-	0.121261
Parp4	MmuINT0115444	chr14	57194568	57202995	+	0.022244
Parp4	MmuINT0115445	chr14	57214252	57216412	+	0.012113
Parp4	MmuINT0115446	chr14	57216551	57217168	+	0.020927
Parp4	MmuINT0115447	chr14	57217265	57221100	+	0.012901
Parp4	MmuINT0115448	chr14	57221285	57221587	+	0.010232
Parp4	MmuINT0115449	chr14	57221745	57226258	+	0.016163
Parp4	MmuINT0115450	chr14	57226384	57227197	+	0.012905
Parp4	MmuINT0115451	chr14	57227330	57229590	+	0.017572
Parp4	MmuINT0115452	chr14	57229678	57232490	+	0.01674
Parp4	MmuINT0115453	chr14	57232656	57233236	+	0.011104
Parp4	MmuINT0115454	chr14	57233284	57233523	+	0.019411
Parp4	MmuINT0115455	chr14	57203129	57204393	+	0.017072
Parp4	MmuINT0115456	chr14	57233603	57235168	+	0.021243
Parp4	MmuINT0115457	chr14	57235307	57239290	+	0.016555
Parp4	MmuINT0115458	chr14	57239487	57241020	+	0.01435
Parp4	MmuINT0115459	chr14	57241089	57242853	+	0.015593
Parp4	MmuINT0115460	chr14	57243042	57246226	+	0.010935
Parp4	MmuINT0115461	chr14	57246327	57247910	+	0.015209
Parp4	MmuINT0115462	chr14	57248082	57248303	+	0.011164
Parp4	MmuINT0115463	chr14	57248385	57253048	+	0.081507
Parp4	MmuINT0115464	chr14	57253130	57254563	+	0.009729
Parp4	MmuINT0115465	chr14	57254660	57256684	+	0.015694
Parp4	MmuINT0115466	chr14	57204590	57206585	+	0.019504
Parp4	MmuINT0115467	chr14	57256808	57260091	+	0.011487
Parp4	MmuINT0115468	chr14	57260155	57266010	+	0.033462
Parp4	MmuINT0115469	chr14	57267787	57271084	+	0.049984
Parp4	MmuINT0115470	chr14	57271185	57274318	+	0.010033
Parp4	MmuINT0115471	chr14	57274452	57278074	+	0.014712
Parp4	MmuINT0115473	chr14	57207332	57208715	+	0.030057
Parp4	MmuINT0115474	chr14	57208818	57209200	+	0.018114
Parp4	MmuINT0115475	chr14	57209351	57211127	+	0.01003
Parp4	MmuINT0115476	chr14	57211266	57212060	+	0.010137
Parp4	MmuINT0115477	chr14	57212235	57214090	+	0.013514
Parp6	MmuINT0115478	chr9	59465216	59466274	+	0.184737
Parp6	MmuINT0115479	chr9	59478577	59479146	+	0.618414
Parp6	MmuINT0115480	chr9	59479201	59480722	+	0.013365
Parp6	MmuINT0115481	chr9	59480819	59481318	+	0.01308
Parp6	MmuINT0115482	chr9	59481412	59482662	+	0.019058
Parp6	MmuINT0115483	chr9	59482789	59484476	+	0.011196
Parp6	MmuINT0115484	chr9	59484543	59485440	+	0.021029
Parp6	MmuINT0115485	chr9	59485509	59487570	+	0.023471
Parp6	MmuINT0115486	chr9	59487620	59487846	+	0.050757
Parp6	MmuINT0115487	chr9	59487957	59488830	+	0.053591
Parp6	MmuINT0115488	chr9	59488904	59489547	+	0.596365
Parp6	MmuINT0115489	chr9	59466515	59470155	+	0.007663
Parp6	MmuINT0115490	chr9	59489618	59496636	+	0.490394
Parp6	MmuINT0115491	chr9	59496717	59497096	+	0.045544
Parp6	MmuINT0115492	chr9	59497161	59497325	+	0.048333

Parp6	MmuINT0115493	chr9	59497411	59497730	+	0.065407
Parp6	MmuINT0115494	chr9	59470351	59470929	+	0.010227
Parp6	MmuINT0115495	chr9	59471008	59471724	+	0.013606
Parp6	MmuINT0115496	chr9	59471820	59472179	+	0.032724
Parp6	MmuINT0115497	chr9	59472241	59472470	+	0.013248
Parp6	MmuINT0115498	chr9	59472562	59473129	+	0.020237
Parp6	MmuINT0115499	chr9	59473197	59476325	+	0.017497
Parp6	MmuINT0115500	chr9	59476476	59478425	+	0.011495
Parp8	MmuINT0115501	chr13	1.18E+08	1.18E+08	-	0.669585
Parp8	MmuINT0115502	chr13	1.18E+08	1.18E+08	-	0.028769
Parp8	MmuINT0115503	chr13	1.18E+08	1.18E+08	-	0.026317
Parp8	MmuINT0115504	chr13	1.18E+08	1.18E+08	-	0.01961
Parp8	MmuINT0115505	chr13	1.18E+08	1.18E+08	-	0.040244
Parp8	MmuINT0115506	chr13	1.18E+08	1.18E+08	-	0.035843
Parp8	MmuINT0115507	chr13	1.18E+08	1.18E+08	-	0.043073
Parp8	MmuINT0115508	chr13	1.18E+08	1.18E+08	-	0.02906
Parp8	MmuINT0115509	chr13	1.18E+08	1.18E+08	-	0.024507
Parp8	MmuINT0115510	chr13	1.18E+08	1.18E+08	-	0.033439
Parp8	MmuINT0115511	chr13	1.18E+08	1.18E+08	-	0.050139
Parp8	MmuINT0115512	chr13	1.18E+08	1.18E+08	-	0.414467
Parp8	MmuINT0115513	chr13	1.18E+08	1.18E+08	-	0.0384
Parp8	MmuINT0115514	chr13	1.18E+08	1.18E+08	-	0.041416
Parp8	MmuINT0115515	chr13	1.18E+08	1.18E+08	-	0.058514
Parp8	MmuINT0115516	chr13	1.18E+08	1.18E+08	-	0.059102
Parp8	MmuINT0115517	chr13	1.18E+08	1.18E+08	-	0.03143
Parp8	MmuINT0115518	chr13	1.18E+08	1.18E+08	-	0.019652
Parp8	MmuINT0115519	chr13	1.18E+08	1.18E+08	-	0.017476
Parp8	MmuINT0115520	chr13	1.18E+08	1.18E+08	-	0.040841
Parp8	MmuINT0115521	chr13	1.18E+08	1.18E+08	-	0.031243
Parp8	MmuINT0115523	chr13	1.18E+08	1.18E+08	-	0.031714
Parp8	MmuINT0115524	chr13	1.18E+08	1.18E+08	-	0.030156
Parp8	MmuINT0115525	chr13	1.18E+08	1.18E+08	-	0.037178
Parp8	MmuINT0115526	chr13	1.18E+08	1.18E+08	-	0.043897
Parp9	MmuINT0115527	chr16	35939147	35941118	+	0.085344
Parp9	MmuINT0115528	chr16	35969852	35971920	+	0.038422
Parp9	MmuINT0115529	chr16	35941222	35943454	+	0.021203
Parp9	MmuINT0115530	chr16	35943489	35947586	+	0.23828
Parp9	MmuINT0115531	chr16	35948441	35953648	+	0.020578
Parp9	MmuINT0115532	chr16	35953865	35956892	+	0.041338
Parp9	MmuINT0115533	chr16	35957112	35960089	+	0.097238
Parp9	MmuINT0115534	chr16	35960148	35964060	+	0.039628
Parp9	MmuINT0115535	chr16	35964451	35967735	+	0.014987
Parp9	MmuINT0115536	chr16	35967873	35969676	+	0.010769
Parva	MmuINT0115538	chr7	1.2E+08	1.2E+08	+	0.006203
Parva	MmuINT0115539	chr7	1.2E+08	1.2E+08	+	0.012741
Parva	MmuINT0115540	chr7	1.2E+08	1.2E+08	+	0.02343
Parva	MmuINT0115541	chr7	1.2E+08	1.2E+08	+	0.009468
Parva	MmuINT0115542	chr7	1.2E+08	1.2E+08	+	0.008364
Parva	MmuINT0115543	chr7	1.2E+08	1.2E+08	+	0.008639
Parva	MmuINT0115544	chr7	1.2E+08	1.2E+08	+	0.009449



Parva	MmuINT0115545	chr7	1.2E+08	1.2E+08	+	0.015635
Parva	MmuINT0115546	chr7	1.2E+08	1.2E+08	+	0.028075
Parva	MmuINT0115547	chr7	1.2E+08	1.2E+08	+	0.064331
Parva	MmuINT0115548	chr7	1.2E+08	1.2E+08	+	0.008299
Parva	MmuINT0115549	chr7	1.2E+08	1.2E+08	+	0.016105
Parvb	MmuINT0115550	chr15	84062617	84101660	+	0.002086
Parvb	MmuINT0115551	chr15	84134334	84139282	+	0.015322
Parvb	MmuINT0115552	chr15	84139385	84143132	+	0.003228
Parvb	MmuINT0115553	chr15	84143206	84143384	+	0.002966
Parvb	MmuINT0115554	chr15	84101751	84103928	+	0.002467
Parvb	MmuINT0115555	chr15	84104000	84113191	+	0.002552
Parvb	MmuINT0115556	chr15	84113295	84120816	+	0.003527
Parvb	MmuINT0115557	chr15	84120958	84123211	+	0.00242
Parvb	MmuINT0115558	chr15	84123328	84125986	+	0.003699
Parvb	MmuINT0115559	chr15	84126046	84128395	+	0.008569
Parvb	MmuINT0115560	chr15	84128416	84133837	+	0.01496
Parvb	MmuINT0115561	chr15	84133900	84134264	+	0.00209
Patl1	MmuINT0115608	chr19	11987068	11988837	+	0.186453
Patl1	MmuINT0115609	chr19	12004546	12006022	+	0.009174
Patl1	MmuINT0115610	chr19	12006147	12006627	+	0.025909
Patl1	MmuINT0115611	chr19	12006726	12008169	+	0.013142
Patl1	MmuINT0115612	chr19	12008230	12010168	+	0.021649
Patl1	MmuINT0115613	chr19	12010318	12011709	+	0.01433
Patl1	MmuINT0115614	chr19	12011870	12014173	+	0.016019
Patl1	MmuINT0115615	chr19	12014330	12017118	+	0.015056
Patl1	MmuINT0115616	chr19	12017211	12017314	+	0.010132
Patl1	MmuINT0115617	chr19	12017465	12017820	+	0.049707
Patl1	MmuINT0115618	chr19	11988950	11994667	+	0.007567
Patl1	MmuINT0115619	chr19	11994886	11995294	+	0.011778
Patl1	MmuINT0115620	chr19	11995376	11995858	+	0.011656
Patl1	MmuINT0115621	chr19	11996054	11996956	+	0.017463
Patl1	MmuINT0115622	chr19	11997059	11997876	+	0.014057
Patl1	MmuINT0115623	chr19	11997967	11998290	+	0.010716
Patl1	MmuINT0115624	chr19	11998509	11999626	+	0.006928
Patl1	MmuINT0115625	chr19	11999717	12004364	+	0.009054
Patz1	MmuINT0115643	chr11	3191888	3193282	+	0.029356
Patz1	MmuINT0115644	chr11	3193347	3199036	+	0.045627
Patz1	MmuINT0115645	chr11	3199209	3207650	+	0.031327
Pawr	MmuINT0115650	chr10	1.08E+08	1.08E+08	+	0.062974
Pawr	MmuINT0115651	chr10	1.08E+08	1.08E+08	+	0.083795
Paxip1	MmuINT0115728	chr5	28115318	28117738	-	0.055488
Paxip1	MmuINT0115729	chr5	28086032	28086512	-	0.032017
Paxip1	MmuINT0115730	chr5	28085156	28085909	-	0.018263
Paxip1	MmuINT0115731	chr5	28083537	28084970	-	0.014945
Paxip1	MmuINT0115732	chr5	28081096	28083492	-	0.026834
Paxip1	MmuINT0115733	chr5	28079387	28081024	-	0.028868
Paxip1	MmuINT0115734	chr5	28077672	28079283	-	0.016549
Paxip1	MmuINT0115735	chr5	28075455	28077502	-	0.025219
Paxip1	MmuINT0115736	chr5	28071096	28075353	-	0.03916
Paxip1	MmuINT0115737	chr5	28070873	28070960	-	0.050017

Paxip1	MmuINT0115738	chr5	28070716	28070796	-	0.070136
Paxip1	MmuINT0115739	chr5	28110314	28115182	-	0.028533
Paxip1	MmuINT0115740	chr5	28069042	28070652	-	0.153788
Paxip1	MmuINT0115743	chr5	28099165	28102105	-	0.011569
Paxip1	MmuINT0115744	chr5	28092831	28098543	-	0.013187
Paxip1	MmuINT0115745	chr5	28091773	28092130	-	0.023074
Paxip1	MmuINT0115746	chr5	28088213	28091677	-	0.015565
Paxip1	MmuINT0115747	chr5	28086651	28088116	-	0.016493
Pbk	MmuINT0115753	chr14	66434139	66435436	+	0.050413
Pbrm1	MmuINT0115766	chr14	31859610	31863223	+	0.017774
Pbrm1	MmuINT0115767	chr14	31863438	31865365	+	0.014934
Pbrm1	MmuINT0115768	chr14	31865508	31867343	+	0.017352
Pbrm1	MmuINT0115769	chr14	31867442	31869421	+	0.061983
Pbrm1	MmuINT0115770	chr14	31869467	31874654	+	0.056336
Pbrm1	MmuINT0115771	chr14	31874932	31877931	+	0.013929
Pbrm1	MmuINT0115772	chr14	31878038	31880507	+	0.017831
Pbrm1	MmuINT0115773	chr14	31881151	31887956	+	0.019261
Pbrm1	MmuINT0115775	chr14	31888169	31895735	+	0.011718
Pbrm1	MmuINT0115776	chr14	31895922	31897259	+	0.017242
Pbrm1	MmuINT0115777	chr14	31897418	31897971	+	0.012594
Pbrm1	MmuINT0115778	chr14	31898236	31900701	+	0.012089
Pbrm1	MmuINT0115779	chr14	31900848	31902650	+	0.020668
Pbrm1	MmuINT0115780	chr14	31902809	31918532	+	0.007427
Pbrm1	MmuINT0115781	chr14	31918717	31919323	+	0.008905
Pbrm1	MmuINT0115782	chr14	31919535	31920294	+	0.022036
Pbrm1	MmuINT0115783	chr14	31920497	31923600	+	0.3488
Pbrm1	MmuINT0115785	chr14	31838837	31840633	+	0.016217
Pbrm1	MmuINT0115786	chr14	31927191	31930198	+	0.199427
Pbrm1	MmuINT0115787	chr14	31930270	31930385	+	0.010755
Pbrm1	MmuINT0115788	chr14	31930603	31931914	+	0.008721
Pbrm1	MmuINT0115789	chr14	31840732	31844029	+	0.019263
Pbrm1	MmuINT0115790	chr14	31844178	31845594	+	0.01357
Pbrm1	MmuINT0115791	chr14	31845739	31849128	+	0.031985
Pbrm1	MmuINT0115792	chr14	31849246	31852118	+	0.014949
Pbrm1	MmuINT0115793	chr14	31852188	31853618	+	0.022741
Pbrm1	MmuINT0115794	chr14	31853718	31857809	+	0.047642
Pbx1	MmuINT0115803	chr1	1.7E+08	1.7E+08	-	0.011159
Pbx1	MmuINT0115804	chr1	1.7E+08	1.7E+08	-	0.008983
Pbx1	MmuINT0115805	chr1	1.7E+08	1.7E+08	-	0.007142
Pbx1	MmuINT0115806	chr1	1.7E+08	1.7E+08	-	0.005754
Pbx1	MmuINT0115807	chr1	1.7E+08	1.7E+08	-	0.005826
Pbx1	MmuINT0115808	chr1	1.7E+08	1.7E+08	-	0.012926
Pbx1	MmuINT0115809	chr1	1.7E+08	1.7E+08	-	0.009782
Pbx1	MmuINT0115810	chr1	1.7E+08	1.7E+08	-	0.007863
Pbx2	MmuINT0115811	chr17	34729720	34730516	+	0.062231
Pbx2	MmuINT0115812	chr17	34730591	34730811	+	0.031009
Pbx2	MmuINT0115813	chr17	34731060	34731182	+	0.013804
Pbx2	MmuINT0115814	chr17	34731374	34731526	+	0.013124
Pbx2	MmuINT0115815	chr17	34731663	34731745	+	0.014943
Pbx2	MmuINT0115816	chr17	34731900	34732209	+	0.054209

Pbx2	MmuINT0115817	chr17	34732299	34732572	+	0.056883
Pbx2	MmuINT0115818	chr17	34732660	34732768	+	0.016756
Pbx3	MmuINT0115819	chr2	34226418	34227240	-	0.040086
Pbx3	MmuINT0115820	chr2	34080167	34226343	-	0.02827
Pbx3	MmuINT0115821	chr2	34068963	34079924	-	0.021915
Pbx3	MmuINT0115822	chr2	34060436	34068771	-	0.020934
Pbx3	MmuINT0115823	chr2	34033863	34060299	-	0.023497
Pbx3	MmuINT0115824	chr2	34032382	34033696	-	0.031648
Pbx3	MmuINT0115825	chr2	34031475	34032268	-	0.062642
Pbx3	MmuINT0115826	chr2	34028494	34031384	-	0.02029
Pbxip1	MmuINT0115834	chr3	89240703	89243438	+	0.084781
Pbxip1	MmuINT0115835	chr3	89252188	89252594	+	0.005246
Pbxip1	MmuINT0115836	chr3	89243524	89247043	+	0.039303
Pbxip1	MmuINT0115837	chr3	89247171	89247373	+	0.016424
Pbxip1	MmuINT0115838	chr3	89247439	89247517	+	0.004563
Pbxip1	MmuINT0115839	chr3	89247678	89249373	+	0.004969
Pbxip1	MmuINT0115840	chr3	89249602	89249713	+	0.016471
Pbxip1	MmuINT0115841	chr3	89249738	89250012	+	0.052319
Pbxip1	MmuINT0115842	chr3	89250096	89250201	+	0.006818
Pbxip1	MmuINT0115843	chr3	89250334	89250967	+	0.021047
Pcbd2	MmuINT0115847	chr13	55828836	55834296	+	0.010468
Pcbd2	MmuINT0115848	chr13	55834429	55876727	+	0.006279
Pcbd2	MmuINT0115849	chr13	55876809	55877965	+	0.009211
Pcbp2	MmuINT0115854	chr15	1.02E+08	1.02E+08	+	0.002034
Pcbp2	MmuINT0115856	chr15	1.02E+08	1.02E+08	+	0.372626
Pcbp2	MmuINT0115857	chr15	1.02E+08	1.02E+08	+	0.000695
Pcbp2	MmuINT0115858	chr15	1.02E+08	1.02E+08	+	0.000856
Pcbp2	MmuINT0115859	chr15	1.02E+08	1.02E+08	+	0.000799
Pcbp2	MmuINT0115860	chr15	1.02E+08	1.02E+08	+	0.003261
Pcbp2	MmuINT0115861	chr15	1.02E+08	1.02E+08	+	0.00054
Pcbp2	MmuINT0115862	chr15	1.02E+08	1.02E+08	+	0.003135
Pcbp2	MmuINT0115863	chr15	1.02E+08	1.02E+08	+	0.006306
Pcbp3	MmuINT0115870	chr10	76225272	76225966	-	0.065657
Pcbp3	MmuINT0115873	chr10	76262298	76263504	-	0.063399
Pcbp3	MmuINT0115876	chr10	76252615	76260539	-	0.045903
Pcbp4	MmuINT0115879	chr9	1.06E+08	1.06E+08	+	0.01665
Pcbp4	MmuINT0115880	chr9	1.06E+08	1.06E+08	+	0.066045
Pcbp4	MmuINT0115881	chr9	1.06E+08	1.06E+08	+	0.011287
Pcbp4	MmuINT0115882	chr9	1.06E+08	1.06E+08	+	0.058507
Pcbp4	MmuINT0115883	chr9	1.06E+08	1.06E+08	+	0.005309
Pcbp4	MmuINT0115884	chr9	1.06E+08	1.06E+08	+	0.014256
Pcbp4	MmuINT0115885	chr9	1.06E+08	1.06E+08	+	0.073823
Pcbp4	MmuINT0115886	chr9	1.06E+08	1.06E+08	+	0.056621
Pcbp4	MmuINT0115887	chr9	1.06E+08	1.06E+08	+	0.013051
Pcbp4	MmuINT0115888	chr9	1.06E+08	1.06E+08	+	0.028772
Pcbp4	MmuINT0115889	chr9	1.06E+08	1.06E+08	+	0.010513
Pcbp4	MmuINT0115890	chr9	1.06E+08	1.06E+08	+	0.035186
Pcca	MmuINT0115891	chr14	1.23E+08	1.23E+08	+	0.004791
Pcca	MmuINT0115892	chr14	1.23E+08	1.23E+08	+	0.004838
Pcca	MmuINT0115893	chr14	1.23E+08	1.23E+08	+	0.003633

Pcca	MmuINT0115894	chr14	1.23E+08	1.23E+08	+	0.002194
Pcca	MmuINT0115895	chr14	1.23E+08	1.23E+08	+	0.003116
Pcca	MmuINT0115896	chr14	1.23E+08	1.23E+08	+	0.003362
Pcca	MmuINT0115897	chr14	1.23E+08	1.23E+08	+	0.003642
Pcca	MmuINT0115898	chr14	1.23E+08	1.23E+08	+	0.003522
Pcca	MmuINT0115899	chr14	1.23E+08	1.23E+08	+	0.00245
Pcca	MmuINT0115900	chr14	1.23E+08	1.23E+08	+	0.002791
Pcca	MmuINT0115901	chr14	1.23E+08	1.23E+08	+	0.002591
Pcca	MmuINT0115902	chr14	1.23E+08	1.23E+08	+	0.004243
Pcca	MmuINT0115903	chr14	1.23E+08	1.23E+08	+	0.002596
Pcca	MmuINT0115904	chr14	1.23E+08	1.23E+08	+	0.003279
Pcca	MmuINT0115905	chr14	1.23E+08	1.23E+08	+	0.002449
Pcca	MmuINT0115906	chr14	1.23E+08	1.23E+08	+	0.004781
Pcca	MmuINT0115907	chr14	1.23E+08	1.23E+08	+	0.005305
Pcca	MmuINT0115908	chr14	1.23E+08	1.23E+08	+	0.003683
Pcca	MmuINT0115909	chr14	1.23E+08	1.23E+08	+	0.006357
Pcca	MmuINT0115910	chr14	1.23E+08	1.23E+08	+	0.002817
Pcca	MmuINT0115911	chr14	1.23E+08	1.23E+08	+	0.002713
Pcca	MmuINT0115912	chr14	1.23E+08	1.23E+08	+	0.003715
Pcca	MmuINT0115913	chr14	1.23E+08	1.23E+08	+	0.005351
Pccb	MmuINT0115914	chr9	1.01E+08	1.01E+08	-	0.001703
Pccb	MmuINT0115915	chr9	1.01E+08	1.01E+08	-	0.002216
Pccb	MmuINT0115916	chr9	1.01E+08	1.01E+08	-	0.00517
Pccb	MmuINT0115917	chr9	1.01E+08	1.01E+08	-	0.008603
Pccb	MmuINT0115918	chr9	1.01E+08	1.01E+08	-	0.001735
Pccb	MmuINT0115919	chr9	1.01E+08	1.01E+08	-	0.003199
Pccb	MmuINT0115920	chr9	1.01E+08	1.01E+08	-	0.001802
Pccb	MmuINT0115921	chr9	1.01E+08	1.01E+08	-	0.001736
Pccb	MmuINT0115922	chr9	1.01E+08	1.01E+08	-	0.001619
Pccb	MmuINT0115923	chr9	1.01E+08	1.01E+08	-	0.001876
Pccb	MmuINT0115924	chr9	1.01E+08	1.01E+08	-	0.001563
Pccb	MmuINT0115925	chr9	1.01E+08	1.01E+08	-	0.002093
Pccb	MmuINT0115926	chr9	1.01E+08	1.01E+08	-	0.003941
Pccb	MmuINT0115927	chr9	1.01E+08	1.01E+08	-	0.00163
Pcdh1	MmuINT0115929	chr18	38359183	38362397	-	0.01366
Pcdh12	MmuINT0115948	chr18	38437583	38440844	-	0.072522
Pcdh12	MmuINT0115949	chr18	38435125	38437481	-	0.047246
Pcdh12	MmuINT0115950	chr18	38428866	38434969	-	0.022095
Pcdh18	MmuINT0116001	chr3	49549197	49557205	-	0.058898
Pcdh7	MmuINT0116011	chr5	58304612	58520213	+	0.026703
Pcdh7	MmuINT0116012	chr5	58113518	58119352	+	0.028816
Pcf11	MmuINT0116059	chr7	99814376	99817938	-	0.495321
Pcf11	MmuINT0116060	chr7	99797542	99797965	-	0.074796
Pcf11	MmuINT0116061	chr7	99796636	99797435	-	0.159291
Pcf11	MmuINT0116062	chr7	99795594	99796451	-	0.090845
Pcf11	MmuINT0116063	chr7	99795033	99795437	-	0.116103
Pcf11	MmuINT0116064	chr7	99794536	99794939	-	0.114886
Pcf11	MmuINT0116065	chr7	99793288	99794499	-	0.130321
Pcf11	MmuINT0116066	chr7	99812666	99814249	-	0.024398
Pcf11	MmuINT0116067	chr7	99812167	99812476	-	0.026632

Pcf11	MmuINT0116068	chr7	99810587	99811971	-	0.017126
Pcf11	MmuINT0116069	chr7	99808691	99809468	-	0.013879
Pcf11	MmuINT0116070	chr7	99808399	99808509	-	0.016001
Pcf11	MmuINT0116071	chr7	99807377	99808307	-	0.083716
Pcf11	MmuINT0116072	chr7	99801760	99805817	-	0.018517
Pcf11	MmuINT0116073	chr7	99798086	99801659	-	0.054289
Pcgf1	MmuINT0116075	chr6	83028995	83029109	+	0.023308
Pcgf1	MmuINT0116078	chr6	83029740	83029915	+	0.060742
Pcgf1	MmuINT0116079	chr6	83029950	83030047	+	0.136245
Pcgf1	MmuINT0116080	chr6	83030135	83030543	+	0.026634
Pcgf2	MmuINT0116082	chr11	97551673	97552274	-	0.113695
Pcgf2	MmuINT0116084	chr11	97554137	97554729	-	0.057889
Pcgf2	MmuINT0116085	chr11	97553874	97554039	-	0.055744
Pcgf2	MmuINT0116086	chr11	97553734	97553817	-	0.051814
Pcgf2	MmuINT0116087	chr11	97553450	97553682	-	0.094986
Pcgf2	MmuINT0116088	chr11	97553227	97553340	-	0.049192
Pcgf2	MmuINT0116089	chr11	97553094	97553171	-	0.075131
Pcgf2	MmuINT0116090	chr11	97552356	97552997	-	0.112713
Pcgf3	MmuINT0116093	chr5	1.09E+08	1.09E+08	+	0.018858
Pcgf3	MmuINT0116094	chr5	1.09E+08	1.09E+08	+	0.039576
Pcgf3	MmuINT0116095	chr5	1.09E+08	1.09E+08	+	0.016613
Pcgf3	MmuINT0116096	chr5	1.09E+08	1.09E+08	+	0.012554
Pcgf3	MmuINT0116097	chr5	1.09E+08	1.09E+08	+	0.014008
Pcgf3	MmuINT0116098	chr5	1.09E+08	1.09E+08	+	0.013962
Pcgf3	MmuINT0116099	chr5	1.09E+08	1.09E+08	+	0.016538
Pcgf3	MmuINT0116100	chr5	1.09E+08	1.09E+08	+	0.010821
Pcgf3	MmuINT0116101	chr5	1.09E+08	1.09E+08	+	0.021511
Pcgf3	MmuINT0116102	chr5	1.09E+08	1.09E+08	+	0.019859
Pcgf5	MmuINT0116104	chr19	36486727	36509059	+	0.002378
Pcgf5	MmuINT0116105	chr19	36509157	36511644	+	0.007149
Pcgf5	MmuINT0116106	chr19	36511701	36511792	+	0.008315
Pcgf5	MmuINT0116107	chr19	36511853	36514488	+	0.002512
Pcgf5	MmuINT0116108	chr19	36514638	36517333	+	0.003892
Pcgf5	MmuINT0116109	chr19	36517433	36519477	+	0.003291
Pcgf5	MmuINT0116110	chr19	36519568	36530110	+	0.016769
Pcgf6	MmuINT0116111	chr19	47123580	47124940	-	0.0518
Pcgf6	MmuINT0116112	chr19	47123387	47123479	-	0.042168
Pcgf6	MmuINT0116113	chr19	47122654	47123289	-	0.03693
Pcgf6	MmuINT0116114	chr19	47122497	47122597	-	0.033871
Pcgf6	MmuINT0116115	chr19	47120409	47122436	-	0.041824
Pcgf6	MmuINT0116116	chr19	47117284	47120299	-	0.052191
Pcgf6	MmuINT0116117	chr19	47114633	47117255	-	0.209212
Pcgf6	MmuINT0116118	chr19	47111815	47114533	-	0.048449
Pcgf6	MmuINT0116119	chr19	47109176	47111727	-	0.042375
Pcid2	MmuINT0116120	chr8	13100415	13104774	-	0.054
Pcid2	MmuINT0116121	chr8	13079969	13081263	-	0.020914
Pcid2	MmuINT0116122	chr8	13079764	13079894	-	0.025411
Pcid2	MmuINT0116123	chr8	13078672	13079637	-	0.022528
Pcid2	MmuINT0116124	chr8	13078290	13078547	-	0.020547
Pcid2	MmuINT0116125	chr8	13098637	13100324	-	0.028021

Pcid2	MmuINT0116126	chr8	13097669	13098562	-	0.027071
Pcid2	MmuINT0116127	chr8	13095871	13097600	-	0.028856
Pcid2	MmuINT0116128	chr8	13094198	13095830	-	0.020983
Pcid2	MmuINT0116129	chr8	13090761	13094142	-	0.01958
Pcid2	MmuINT0116130	chr8	13086327	13090656	-	0.108709
Pcid2	MmuINT0116131	chr8	13085465	13086250	-	0.030709
Pcid2	MmuINT0116132	chr8	13081365	13085322	-	0.023406
Pcif1	MmuINT0116133	chr2	1.65E+08	1.65E+08	+	0.077301
Pcif1	MmuINT0116134	chr2	1.65E+08	1.65E+08	+	0.055456
Pcif1	MmuINT0116135	chr2	1.65E+08	1.65E+08	+	0.041424
Pcif1	MmuINT0116136	chr2	1.65E+08	1.65E+08	+	0.033745
Pcif1	MmuINT0116137	chr2	1.65E+08	1.65E+08	+	0.038414
Pcif1	MmuINT0116138	chr2	1.65E+08	1.65E+08	+	0.034125
Pcif1	MmuINT0116139	chr2	1.65E+08	1.65E+08	+	0.021331
Pcif1	MmuINT0116140	chr2	1.65E+08	1.65E+08	+	0.072003
Pcif1	MmuINT0116141	chr2	1.65E+08	1.65E+08	+	0.405645
Pcif1	MmuINT0116142	chr2	1.65E+08	1.65E+08	+	0.094951
Pcif1	MmuINT0116143	chr2	1.65E+08	1.65E+08	+	0.095429
Pcif1	MmuINT0116144	chr2	1.65E+08	1.65E+08	+	0.063583
Pcif1	MmuINT0116145	chr2	1.65E+08	1.65E+08	+	0.065458
Pcif1	MmuINT0116146	chr2	1.65E+08	1.65E+08	+	0.066814
Pcif1	MmuINT0116147	chr2	1.65E+08	1.65E+08	+	0.042803
Pcif1	MmuINT0116148	chr2	1.65E+08	1.65E+08	+	0.058563
Pck2	MmuINT0116158	chr14	56159351	56161242	+	0.056444
Pck2	MmuINT0116159	chr14	56161489	56162425	+	0.074279
Pck2	MmuINT0116160	chr14	56162611	56162696	+	0.150669
Pck2	MmuINT0116161	chr14	56162901	56163231	+	0.281207
Pck2	MmuINT0116162	chr14	56163420	56163721	+	0.293595
Pck2	MmuINT0116163	chr14	56163885	56164043	+	0.096216
Pck2	MmuINT0116164	chr14	56164263	56166533	+	0.022132
Pck2	MmuINT0116165	chr14	56166672	56166876	+	0.032402
Pck2	MmuINT0116166	chr14	56166973	56167141	+	0.027717
Pcm1	MmuINT0116189	chr8	42325318	42341349	+	0.01911
Pcm1	MmuINT0116190	chr8	42360523	42361006	+	0.027887
Pcm1	MmuINT0116191	chr8	42361162	42361279	+	0.009307
Pcm1	MmuINT0116192	chr8	42361507	42365104	+	0.01391
Pcm1	MmuINT0116193	chr8	42365248	42365375	+	0.010095
Pcm1	MmuINT0116194	chr8	42365506	42367933	+	0.013768
Pcm1	MmuINT0116195	chr8	42368075	42368909	+	0.009053
Pcm1	MmuINT0116196	chr8	42369101	42371318	+	0.006324
Pcm1	MmuINT0116197	chr8	42371517	42373035	+	0.006685
Pcm1	MmuINT0116198	chr8	42373256	42373362	+	0.00787
Pcm1	MmuINT0116199	chr8	42373509	42373984	+	0.007957
Pcm1	MmuINT0116200	chr8	42341465	42343144	+	0.013298
Pcm1	MmuINT0116201	chr8	42374176	42376074	+	0.008098
Pcm1	MmuINT0116202	chr8	42376247	42378811	+	0.006665
Pcm1	MmuINT0116203	chr8	42379171	42389340	+	0.018599
Pcm1	MmuINT0116204	chr8	42389506	42394873	+	0.012351
Pcm1	MmuINT0116205	chr8	42395047	42395362	+	0.007087
Pcm1	MmuINT0116206	chr8	42395495	42397511	+	0.0079

Pcm1	MmuINT0116207	chr8	42397633	42398655	+	0.007049
Pcm1	MmuINT0116208	chr8	42398815	42399198	+	0.007273
Pcm1	MmuINT0116209	chr8	42399336	42401273	+	0.007255
Pcm1	MmuINT0116210	chr8	42401409	42407207	+	0.009396
Pcm1	MmuINT0116211	chr8	42343391	42344390	+	0.009078
Pcm1	MmuINT0116212	chr8	42407406	42410308	+	0.010526
Pcm1	MmuINT0116213	chr8	42410372	42410617	+	0.01271
Pcm1	MmuINT0116214	chr8	42410754	42411180	+	0.006411
Pcm1	MmuINT0116215	chr8	42411342	42412880	+	0.009014
Pcm1	MmuINT0116216	chr8	42412954	42414122	+	0.010279
Pcm1	MmuINT0116217	chr8	42414380	42415986	+	0.041764
Pcm1	MmuINT0116218	chr8	42416080	42416159	+	0.023501
Pcm1	MmuINT0116219	chr8	42416275	42417336	+	0.081612
Pcm1	MmuINT0116220	chr8	42344661	42346364	+	0.010888
Pcm1	MmuINT0116222	chr8	42352719	42355794	+	0.014836
Pcm1	MmuINT0116223	chr8	42355905	42357597	+	0.01061
Pcm1	MmuINT0116224	chr8	42357815	42359453	+	0.011276
Pcm1	MmuINT0116225	chr8	42359653	42360348	+	0.04692
Pcmt1	MmuINT0116226	chr10	7368954	7382872	-	0.002555
Pcmt1	MmuINT0116227	chr10	7367420	7368848	-	0.002483
Pcmt1	MmuINT0116228	chr10	7364228	7367387	-	0.007659
Pcmt1	MmuINT0116229	chr10	7360614	7364122	-	0.003076
Pcmt1	MmuINT0116230	chr10	7359929	7360492	-	0.004466
Pcmt1	MmuINT0116231	chr10	7358024	7359842	-	0.004619
Pcmt1	MmuINT0116232	chr10	7350775	7357806	-	0.237952
Pcmtd1	MmuINT0116233	chr1	7079298	7110274	+	0.00758
Pcmtd1	MmuINT0116234	chr1	7110697	7137717	+	0.003424
Pcmtd1	MmuINT0116235	chr1	7137821	7150972	+	0.019113
Pcmtd1	MmuINT0116236	chr1	7151145	7153328	+	0.002729
Pcmtd1	MmuINT0116237	chr1	7153453	7159595	+	0.012404
Pcmtd2	MmuINT0116238	chr2	1.82E+08	1.82E+08	+	0.008065
Pcmtd2	MmuINT0116239	chr2	1.82E+08	1.82E+08	+	0.004483
Pcmtd2	MmuINT0116240	chr2	1.82E+08	1.82E+08	+	0.004255
Pcmtd2	MmuINT0116241	chr2	1.82E+08	1.82E+08	+	0.008045
Pcmtd2	MmuINT0116242	chr2	1.82E+08	1.82E+08	+	0.084051
Pcmtd2	MmuINT0116243	chr2	1.82E+08	1.82E+08	+	0.106908
Pcnt	MmuINT0116253	chr10	75903101	75905309	-	0.027777
Pcnt	MmuINT0116254	chr10	75885971	75889629	-	0.025476
Pcnt	MmuINT0116255	chr10	75883288	75885512	-	0.03049
Pcnt	MmuINT0116256	chr10	75881312	75882722	-	0.067874
Pcnt	MmuINT0116257	chr10	75875395	75881104	-	0.036325
Pcnt	MmuINT0116258	chr10	75874918	75875242	-	0.012243
Pcnt	MmuINT0116259	chr10	75874504	75874765	-	0.008522
Pcnt	MmuINT0116260	chr10	75872376	75874270	-	0.008867
Pcnt	MmuINT0116261	chr10	75871656	75872212	-	0.006371
Pcnt	MmuINT0116262	chr10	75867397	75871442	-	0.074882
Pcnt	MmuINT0116263	chr10	75866620	75867166	-	0.008568
Pcnt	MmuINT0116265	chr10	75866390	75866502	-	0.052893
Pcnt	MmuINT0116266	chr10	75864281	75866368	-	0.008961
Pcnt	MmuINT0116267	chr10	75862772	75864076	-	0.00572

Pcnt	MmuINT0116268	chr10	75855785	75862600	-	0.008302
Pcnt	MmuINT0116269	chr10	75852278	75854938	-	0.007582
Pcnt	MmuINT0116270	chr10	75850275	75851596	-	0.011395
Pcnt	MmuINT0116271	chr10	75848616	75850171	-	0.013336
Pcnt	MmuINT0116272	chr10	75847651	75848448	-	0.008358
Pcnt	MmuINT0116273	chr10	75844933	75847485	-	0.010314
Pcnt	MmuINT0116274	chr10	75844171	75844764	-	0.005544
Pcnt	MmuINT0116276	chr10	75843185	75843977	-	0.005115
Pcnt	MmuINT0116278	chr10	75838046	75842649	-	0.006162
Pcnt	MmuINT0116279	chr10	75832825	75837595	-	0.037174
Pcnt	MmuINT0116280	chr10	75831579	75832579	-	0.009396
Pcnt	MmuINT0116281	chr10	75830227	75831475	-	0.023199
Pcnt	MmuINT0116282	chr10	75819900	75830052	-	0.007944
Pcnt	MmuINT0116283	chr10	75819142	75819779	-	0.017024
Pcnt	MmuINT0116284	chr10	75817881	75818908	-	0.0144
Pcnt	MmuINT0116285	chr10	75817057	75817803	-	0.031835
Pcnt	MmuINT0116287	chr10	75815782	75816917	-	0.021077
Pcnt	MmuINT0116288	chr10	75814525	75815653	-	0.057149
Pcnt	MmuINT0116290	chr10	75895886	75896351	-	0.019058
Pcnt	MmuINT0116291	chr10	75892057	75895748	-	0.023953
Pcnt	MmuINT0116292	chr10	75890799	75891944	-	0.023989
Pcnt	MmuINT0116293	chr10	75889718	75890557	-	0.020506
Pcnx	MmuINT0116294	chr12	82961512	82995969	+	0.009167
Pcnx	MmuINT0116296	chr12	83051306	83053774	+	0.006124
Pcnx	MmuINT0116297	chr12	83053929	83057217	+	0.018726
Pcnx	MmuINT0116298	chr12	83057251	83059669	+	0.02218
Pcnx	MmuINT0116299	chr12	83059842	83060980	+	0.026316
Pcnx	MmuINT0116300	chr12	83061092	83063624	+	0.036046
Pcnx	MmuINT0116301	chr12	83063717	83065024	+	0.016746
Pcnx	MmuINT0116302	chr12	83065135	83065412	+	0.010473
Pcnx	MmuINT0116303	chr12	83065519	83068042	+	0.014251
Pcnx	MmuINT0116304	chr12	83068136	83072232	+	0.028537
Pcnx	MmuINT0116305	chr12	82996179	83007435	+	0.008822
Pcnx	MmuINT0116306	chr12	83072384	83074200	+	0.044863
Pcnx	MmuINT0116307	chr12	83074343	83075376	+	0.009237
Pcnx	MmuINT0116308	chr12	83075555	83076230	+	0.008923
Pcnx	MmuINT0116309	chr12	83076340	83076783	+	0.015786
Pcnx	MmuINT0116310	chr12	83076914	83080055	+	0.011779
Pcnx	MmuINT0116311	chr12	83080115	83081795	+	0.00976
Pcnx	MmuINT0116312	chr12	83082012	83082878	+	0.004996
Pcnx	MmuINT0116313	chr12	83083133	83084454	+	0.006384
Pcnx	MmuINT0116314	chr12	83084686	83087645	+	0.008885
Pcnx	MmuINT0116315	chr12	83087747	83088879	+	0.007474
Pcnx	MmuINT0116316	chr12	83007542	83013651	+	0.020799
Pcnx	MmuINT0116317	chr12	83089031	83091536	+	0.008727
Pcnx	MmuINT0116318	chr12	83091768	83092760	+	0.006803
Pcnx	MmuINT0116319	chr12	83093036	83094013	+	0.007403
Pcnx	MmuINT0116320	chr12	83094220	83095874	+	0.013711
Pcnx	MmuINT0116321	chr12	83096318	83096707	+	0.01172
Pcnx	MmuINT0116322	chr12	83096849	83097008	+	0.004106



Pcnx	MmuINT0116323	chr12	83013698	83014372	+	0.032956
Pcnx	MmuINT0116324	chr12	83014463	83018651	+	0.011382
Pcnx	MmuINT0116326	chr12	83029362	83034517	+	0.022377
Pcnx	MmuINT0116327	chr12	83034703	83047917	+	0.014919
Pcnx	MmuINT0116328	chr12	83048009	83049344	+	0.01894
PcnxI3	MmuINT0116362	chr19	5687639	5687996	-	0.166255
PcnxI3	MmuINT0116363	chr19	5681554	5683276	-	0.509352
PcnxI3	MmuINT0116364	chr19	5680397	5681431	-	0.127028
PcnxI3	MmuINT0116365	chr19	5680001	5680242	-	0.036011
PcnxI3	MmuINT0116366	chr19	5679742	5679967	-	0.070468
PcnxI3	MmuINT0116367	chr19	5679471	5679569	-	0.016303
PcnxI3	MmuINT0116368	chr19	5679004	5679359	-	0.032285
PcnxI3	MmuINT0116369	chr19	5678753	5678911	-	0.029373
PcnxI3	MmuINT0116370	chr19	5677726	5678642	-	0.026717
PcnxI3	MmuINT0116371	chr19	5677499	5677619	-	0.026973
PcnxI3	MmuINT0116372	chr19	5677276	5677405	-	0.047945
PcnxI3	MmuINT0116373	chr19	5687219	5687450	-	0.024798
PcnxI3	MmuINT0116374	chr19	5675505	5677124	-	0.023917
PcnxI3	MmuINT0116375	chr19	5675055	5675359	-	0.040089
PcnxI3	MmuINT0116376	chr19	5673589	5674876	-	0.037608
PcnxI3	MmuINT0116377	chr19	5673355	5673479	-	0.023736
PcnxI3	MmuINT0116378	chr19	5672817	5673224	-	0.027478
PcnxI3	MmuINT0116379	chr19	5672663	5672757	-	0.04001
PcnxI3	MmuINT0116380	chr19	5671777	5672446	-	0.020433
PcnxI3	MmuINT0116381	chr19	5667610	5671522	-	0.106505
PcnxI3	MmuINT0116382	chr19	5667253	5667378	-	0.025587
PcnxI3	MmuINT0116383	chr19	5666983	5667148	-	0.02963
PcnxI3	MmuINT0116384	chr19	5686667	5687118	-	0.090798
PcnxI3	MmuINT0116385	chr19	5666740	5666834	-	0.01663
PcnxI3	MmuINT0116386	chr19	5666425	5666508	-	0.02237
PcnxI3	MmuINT0116387	chr19	5665842	5666149	-	0.047758
PcnxI3	MmuINT0116388	chr19	5665628	5665707	-	0.151759
PcnxI3	MmuINT0116389	chr19	5665248	5665328	-	0.098351
PcnxI3	MmuINT0116390	chr19	5686527	5686626	-	0.033718
PcnxI3	MmuINT0116391	chr19	5686220	5686430	-	0.022705
PcnxI3	MmuINT0116392	chr19	5684673	5685091	-	0.023039
PcnxI3	MmuINT0116394	chr19	5683879	5684289	-	0.027119
PcnxI3	MmuINT0116395	chr19	5683413	5683787	-	0.031483
Pcolce	MmuINT0116396	chr5	1.38E+08	1.38E+08	-	0.067018
Pcolce	MmuINT0116397	chr5	1.38E+08	1.38E+08	-	0.027137
Pcolce	MmuINT0116398	chr5	1.38E+08	1.38E+08	-	0.024948
Pcolce	MmuINT0116399	chr5	1.38E+08	1.38E+08	-	0.035305
Pcolce	MmuINT0116400	chr5	1.38E+08	1.38E+08	-	0.016542
Pcolce	MmuINT0116401	chr5	1.38E+08	1.38E+08	-	0.069773
Pcolce	MmuINT0116402	chr5	1.38E+08	1.38E+08	-	0.020778
Pcolce2	MmuINT0116404	chr9	95538293	95539070	+	0.026383
Pcolce2	MmuINT0116405	chr9	95539180	95570423	+	0.012279
Pcolce2	MmuINT0116406	chr9	95570680	95578763	+	0.013575
Pcolce2	MmuINT0116407	chr9	95578889	95581951	+	0.012257
Pcolce2	MmuINT0116408	chr9	95582089	95587104	+	0.013041

Pcolce2	MmuINT0116409	chr9	95587260	95593279	+	0.014303
Pcolce2	MmuINT0116410	chr9	95593364	95595042	+	0.011532
Pcolce2	MmuINT0116411	chr9	95595211	95595384	+	0.015108
Pcp4	MmuINT0116417	chr16	96715475	96746996	+	0.0516
Pcp4l1	MmuINT0116418	chr1	1.73E+08	1.73E+08	-	0.002273
Pcp4l1	MmuINT0116419	chr1	1.73E+08	1.73E+08	-	0.001804
Pcsk4	MmuINT0116448	chr10	79785921	79786227	-	0.947603
Pcsk4	MmuINT0116449	chr10	79785594	79785734	-	0.714914
Pcsk4	MmuINT0116450	chr10	79784955	79785468	-	0.163559
Pcsk6	MmuINT0116500	chr7	73115546	73125032	+	0.00917
Pcsk6	MmuINT0116501	chr7	73125222	73128598	+	0.006568
Pcsk6	MmuINT0116505	chr7	73176738	73178635	+	0.014889
Pcsk6	MmuINT0116506	chr7	73178833	73180066	+	0.010151
Pcsk6	MmuINT0116507	chr7	73180155	73183866	+	0.021993
Pcsk6	MmuINT0116510	chr7	73188531	73192442	+	0.019292
Pcsk6	MmuINT0116511	chr7	73192556	73193791	+	0.014851
Pcsk7	MmuINT0116519	chr9	45715123	45716610	+	0.208829
Pcsk7	MmuINT0116520	chr9	45727013	45727328	+	0.035588
Pcsk7	MmuINT0116521	chr9	45727437	45727874	+	0.045682
Pcsk7	MmuINT0116522	chr9	45727978	45733993	+	0.156208
Pcsk7	MmuINT0116523	chr9	45734151	45734816	+	0.077371
Pcsk7	MmuINT0116524	chr9	45734912	45735657	+	0.064657
Pcsk7	MmuINT0116525	chr9	45735752	45735969	+	0.021963
Pcsk7	MmuINT0116526	chr9	45736088	45736593	+	0.012777
Pcsk7	MmuINT0116527	chr9	45716735	45717342	+	0.086285
Pcsk7	MmuINT0116528	chr9	45717820	45718457	+	0.018697
Pcsk7	MmuINT0116529	chr9	45718593	45719166	+	0.024361
Pcsk7	MmuINT0116530	chr9	45719333	45721033	+	0.021178
Pcsk7	MmuINT0116531	chr9	45721125	45722412	+	0.023935
Pcsk7	MmuINT0116532	chr9	45722468	45723170	+	0.027237
Pcsk7	MmuINT0116533	chr9	45723310	45724070	+	0.037335
Pcsk7	MmuINT0116534	chr9	45724172	45726844	+	0.032963
Pcsk9	MmuINT0116544	chr4	1.06E+08	1.06E+08	-	0.954156
Pctp	MmuINT0116546	chr11	89852503	89864015	-	0.039216
Pctp	MmuINT0116547	chr11	89850089	89852384	-	0.05345
Pctp	MmuINT0116548	chr11	89848682	89850008	-	0.057004
Pctp	MmuINT0116549	chr11	89847475	89848509	-	0.047176
Pctp	MmuINT0116550	chr11	89846071	89847406	-	0.043073
Pcx	MmuINT0116551	chr19	4510582	4515653	+	0.042212
Pcx	MmuINT0116552	chr19	4607695	4609863	+	0.009373
Pcx	MmuINT0116553	chr19	4610047	4617579	+	0.01276
Pcx	MmuINT0116554	chr19	4617725	4617964	+	0.051584
Pcx	MmuINT0116555	chr19	4618055	4618141	+	0.00882
Pcx	MmuINT0116556	chr19	4618521	4618957	+	0.022426
Pcx	MmuINT0116557	chr19	4619199	4619319	+	0.012137
Pcx	MmuINT0116558	chr19	4619570	4619779	+	0.023258
Pcx	MmuINT0116559	chr19	4620025	4620113	+	0.012979
Pcx	MmuINT0116560	chr19	4620294	4620366	+	0.008403
Pcx	MmuINT0116561	chr19	4620616	4620819	+	0.005623
Pcx	MmuINT0116562	chr19	4515691	4601599	+	0.017782

Pcx	MmuINT0116563	chr19	4620961	4621039	+	0.008488
Pcx	MmuINT0116564	chr19	4601736	4601864	+	0.00758
Pcx	MmuINT0116565	chr19	4602050	4602209	+	0.008694
Pcx	MmuINT0116566	chr19	4602376	4602473	+	0.008084
Pcx	MmuINT0116567	chr19	4602620	4602757	+	0.008387
Pcx	MmuINT0116568	chr19	4602876	4603059	+	0.012102
Pcx	MmuINT0116569	chr19	4603212	4604464	+	0.007011
Pcx	MmuINT0116570	chr19	4604584	4607531	+	0.010347
Pcyox1	MmuINT0116572	chr6	86346115	86346966	-	0.006939
Pcyox1	MmuINT0116573	chr6	86344578	86345907	-	0.005784
Pcyox1	MmuINT0116574	chr6	86342343	86344402	-	0.006842
Pcyox1	MmuINT0116575	chr6	86341823	86342130	-	0.003048
Pcyox1	MmuINT0116576	chr6	86339366	86341669	-	0.00304
Pcyox1l	MmuINT0116581	chr18	61857631	61858017	-	0.049295
Pcyt1a	MmuINT0116583	chr16	32451918	32455297	+	0.004511
Pcyt1a	MmuINT0116584	chr16	32455398	32462086	+	0.006293
Pcyt1a	MmuINT0116585	chr16	32462204	32463116	+	0.004566
Pcyt1a	MmuINT0116586	chr16	32463269	32466525	+	0.006584
Pcyt1a	MmuINT0116587	chr16	32466605	32467163	+	0.003334
Pcyt1a	MmuINT0116588	chr16	32467307	32470136	+	0.003228
Pcyt1a	MmuINT0116589	chr16	32470326	32471382	+	0.059325
Pcyt2	MmuINT0116598	chr11	1.2E+08	1.2E+08	-	0.012085
Pcyt2	MmuINT0116599	chr11	1.2E+08	1.2E+08	-	0.04778
Pcyt2	MmuINT0116600	chr11	1.2E+08	1.2E+08	-	0.006307
Pcyt2	MmuINT0116601	chr11	1.2E+08	1.2E+08	-	0.004692
Pcyt2	MmuINT0116602	chr11	1.2E+08	1.2E+08	-	0.002822
Pcyt2	MmuINT0116603	chr11	1.2E+08	1.2E+08	-	0.008
Pcyt2	MmuINT0116604	chr11	1.2E+08	1.2E+08	-	0.033058
Pcyt2	MmuINT0116605	chr11	1.2E+08	1.2E+08	-	0.035155
Pcyt2	MmuINT0116606	chr11	1.2E+08	1.2E+08	-	0.013257
Pcyt2	MmuINT0116607	chr11	1.2E+08	1.2E+08	-	0.094153
Pcyt2	MmuINT0116608	chr11	1.2E+08	1.2E+08	-	0.219211
Pcyt2	MmuINT0116609	chr11	1.2E+08	1.2E+08	-	0.196061
Pcyt2	MmuINT0116610	chr11	1.2E+08	1.2E+08	-	0.049545
Pdap1	MmuINT0116611	chr5	1.46E+08	1.46E+08	-	0.005242
Pdap1	MmuINT0116612	chr5	1.46E+08	1.46E+08	-	0.008442
Pdap1	MmuINT0116613	chr5	1.46E+08	1.46E+08	-	0.005873
Pdap1	MmuINT0116614	chr5	1.46E+08	1.46E+08	-	0.001922
Pdap1	MmuINT0116615	chr5	1.46E+08	1.46E+08	-	0.005314
Pdcd11	MmuINT0116630	chr19	47165358	47167271	+	0.02778
Pdcd11	MmuINT0116631	chr19	47178367	47178522	+	0.017434
Pdcd11	MmuINT0116632	chr19	47178584	47179145	+	0.031721
Pdcd11	MmuINT0116633	chr19	47179293	47180786	+	0.023876
Pdcd11	MmuINT0116634	chr19	47181039	47181500	+	0.026436
Pdcd11	MmuINT0116635	chr19	47181642	47182043	+	0.02088
Pdcd11	MmuINT0116636	chr19	47182239	47182912	+	0.019204
Pdcd11	MmuINT0116637	chr19	47183084	47184043	+	0.015978
Pdcd11	MmuINT0116638	chr19	47184264	47185450	+	0.017468
Pdcd11	MmuINT0116639	chr19	47185601	47186527	+	0.023541
Pdcd11	MmuINT0116640	chr19	47186644	47187630	+	0.031192

Pdcd11	MmuINT0116641	chr19	47167391	47168240	+	0.019949
Pdcd11	MmuINT0116642	chr19	47188206	47189044	+	0.045496
Pdcd11	MmuINT0116643	chr19	47189108	47191786	+	0.038909
Pdcd11	MmuINT0116644	chr19	47191893	47194025	+	0.027797
Pdcd11	MmuINT0116645	chr19	47194116	47194282	+	0.028765
Pdcd11	MmuINT0116646	chr19	47194386	47194736	+	0.210216
Pdcd11	MmuINT0116647	chr19	47194915	47198920	+	0.03224
Pdcd11	MmuINT0116648	chr19	47198978	47199534	+	0.066722
Pdcd11	MmuINT0116649	chr19	47199658	47200795	+	0.071015
Pdcd11	MmuINT0116650	chr19	47200919	47201364	+	0.066333
Pdcd11	MmuINT0116651	chr19	47201600	47201740	+	0.078842
Pdcd11	MmuINT0116652	chr19	47168373	47169697	+	0.025383
Pdcd11	MmuINT0116653	chr19	47201858	47202435	+	0.06432
Pdcd11	MmuINT0116654	chr19	47202583	47202764	+	0.055158
Pdcd11	MmuINT0116655	chr19	47203013	47203631	+	0.085475
Pdcd11	MmuINT0116656	chr19	47203801	47204118	+	0.070862
Pdcd11	MmuINT0116657	chr19	47204273	47204437	+	0.054578
Pdcd11	MmuINT0116658	chr19	47204604	47205128	+	0.044908
Pdcd11	MmuINT0116659	chr19	47169866	47171344	+	0.019919
Pdcd11	MmuINT0116660	chr19	47171507	47172610	+	0.023824
Pdcd11	MmuINT0116661	chr19	47172735	47173180	+	0.029031
Pdcd11	MmuINT0116662	chr19	47173363	47175552	+	0.045119
Pdcd11	MmuINT0116663	chr19	47175661	47177056	+	0.024665
Pdcd11	MmuINT0116664	chr19	47177264	47178241	+	0.03884
Pdcd2	MmuINT0116670	chr17	15663577	15663954	-	0.018649
Pdcd2	MmuINT0116671	chr17	15662365	15663336	-	0.009019
Pdcd2	MmuINT0116672	chr17	15659871	15662232	-	0.01427
Pdcd2	MmuINT0116673	chr17	15658994	15659766	-	0.036754
Pdcd2	MmuINT0116674	chr17	15658758	15658879	-	0.061842
Pdcd2l	MmuINT0116675	chr7	34981458	34981554	-	0.049192
Pdcd2l	MmuINT0116676	chr7	34981146	34981290	-	0.015189
Pdcd2l	MmuINT0116677	chr7	34978126	34981084	-	0.009981
Pdcd2l	MmuINT0116678	chr7	34974476	34977754	-	0.008313
Pdcd2l	MmuINT0116679	chr7	34971462	34974367	-	0.100599
Pdcd2l	MmuINT0116680	chr7	34969831	34971312	-	0.054331
Pdcd4	MmuINT0116681	chr19	53977979	53981938	+	0.029033
Pdcd4	MmuINT0116682	chr19	54001136	54001683	+	0.0425
Pdcd4	MmuINT0116683	chr19	54001824	54003572	+	0.043675
Pdcd4	MmuINT0116684	chr19	53982046	53983601	+	0.01208
Pdcd4	MmuINT0116685	chr19	53983905	53985417	+	0.021963
Pdcd4	MmuINT0116686	chr19	53985513	53987301	+	0.01315
Pdcd4	MmuINT0116687	chr19	53987416	53994104	+	0.016211
Pdcd4	MmuINT0116688	chr19	53994327	53995707	+	0.020165
Pdcd4	MmuINT0116689	chr19	53995806	53996506	+	0.014366
Pdcd4	MmuINT0116690	chr19	53996622	54000695	+	0.038193
Pdcd4	MmuINT0116691	chr19	54000804	54001024	+	0.032652
Pdcd6	MmuINT0116698	chr13	74453840	74454554	-	0.008536
Pdcd6	MmuINT0116699	chr13	74449161	74453777	-	0.005249
Pdcd6	MmuINT0116700	chr13	74447291	74449115	-	0.015649
Pdcd6	MmuINT0116701	chr13	74443099	74447131	-	0.03392

Pdcd6	MmuINT0116702	chr13	74441497	74442988	-	0.011298
Pdcd6ip	MmuINT0116705	chr9	1.14E+08	1.14E+08	-	0.00827
Pdcd6ip	MmuINT0116706	chr9	1.14E+08	1.14E+08	-	0.002862
Pdcd6ip	MmuINT0116707	chr9	1.14E+08	1.14E+08	-	0.002947
Pdcd6ip	MmuINT0116708	chr9	1.14E+08	1.14E+08	-	0.00523
Pdcd6ip	MmuINT0116709	chr9	1.14E+08	1.14E+08	-	0.002344
Pdcd6ip	MmuINT0116710	chr9	1.14E+08	1.14E+08	-	0.003419
Pdcd6ip	MmuINT0116711	chr9	1.14E+08	1.14E+08	-	0.036568
Pdcd6ip	MmuINT0116712	chr9	1.14E+08	1.14E+08	-	0.022125
Pdcd6ip	MmuINT0116713	chr9	1.14E+08	1.14E+08	-	0.011091
Pdcd6ip	MmuINT0116714	chr9	1.14E+08	1.14E+08	-	0.00474
Pdcd6ip	MmuINT0116715	chr9	1.14E+08	1.14E+08	-	0.005879
Pdcd6ip	MmuINT0116716	chr9	1.14E+08	1.14E+08	-	0.005033
Pdcd6ip	MmuINT0116717	chr9	1.14E+08	1.14E+08	-	0.004889
Pdcd6ip	MmuINT0116718	chr9	1.14E+08	1.14E+08	-	0.00426
Pdcd6ip	MmuINT0116719	chr9	1.14E+08	1.14E+08	-	0.004451
Pdcd7	MmuINT0116720	chr9	65194816	65202416	+	0.026609
Pdcd7	MmuINT0116721	chr9	65202556	65204051	+	0.011486
Pdcd7	MmuINT0116722	chr9	65204289	65204524	+	0.014696
Pdcd7	MmuINT0116723	chr9	65204613	65206400	+	0.016075
Pdcl	MmuINT0116724	chr2	37212901	37214662	-	0.067823
Pdcl	MmuINT0116725	chr2	37211338	37212723	-	0.046355
Pdcl	MmuINT0116726	chr2	37207903	37211155	-	0.012012
Pdcl3	MmuINT0116732	chr1	39044695	39048090	+	0.003669
Pdcl3	MmuINT0116733	chr1	39048221	39051759	+	0.010843
Pdcl3	MmuINT0116734	chr1	39051851	39052089	+	0.015748
Pdcl3	MmuINT0116735	chr1	39052234	39052579	+	0.007709
Pdcl3	MmuINT0116736	chr1	39052789	39052985	+	0.001894
Pddc1	MmuINT0116737	chr7	1.49E+08	1.49E+08	-	0.024143
Pddc1	MmuINT0116738	chr7	1.49E+08	1.49E+08	-	0.082194
Pddc1	MmuINT0116739	chr7	1.49E+08	1.49E+08	-	0.066579
Pddc1	MmuINT0116740	chr7	1.49E+08	1.49E+08	-	0.146635
Pddc1	MmuINT0116741	chr7	1.49E+08	1.49E+08	-	0.079141
Pddc1	MmuINT0116742	chr7	1.49E+08	1.49E+08	-	0.018202
Pddc1	MmuINT0116743	chr7	1.49E+08	1.49E+08	-	0.018218
Pde12	MmuINT0116784	chr14	27485943	27487733	-	0.026058
Pde1a	MmuINT0116791	chr2	79705900	79708386	-	0.056555
Pde1a	MmuINT0116792	chr2	79705383	79705778	-	0.057128
Pde1a	MmuINT0116800	chr2	79718406	79727997	-	0.056645
Pde1b	MmuINT0116805	chr15	1.03E+08	1.03E+08	+	0.056621
Pde1b	MmuINT0116811	chr15	1.03E+08	1.03E+08	+	0.055111
Pde1c	MmuINT0116820	chr6	56021036	56022198	-	0.191961
Pde1c	MmuINT0116822	chr6	56032183	56041356	-	0.042045
Pde1c	MmuINT0116825	chr6	56100711	56101285	-	0.006686
Pde1c	MmuINT0116826	chr6	56092170	56100589	-	0.007248
Pde1c	MmuINT0116827	chr6	56089506	56092087	-	0.005394
Pde1c	MmuINT0116828	chr6	56087515	56089384	-	0.005234
Pde1c	MmuINT0116829	chr6	56077075	56087338	-	0.004074
Pde1c	MmuINT0116830	chr6	56073064	56076852	-	0.004651
Pde1c	MmuINT0116831	chr6	56056858	56072985	-	0.012129

Pde1c	MmuINT0116832	chr6	56131792	56295119	-	0.008178
Pde1c	MmuINT0116833	chr6	56130246	56131677	-	0.008712
Pde1c	MmuINT0116834	chr6	56129154	56130062	-	0.007842
Pde1c	MmuINT0116835	chr6	56125019	56129086	-	0.008593
Pde1c	MmuINT0116836	chr6	56123738	56124901	-	0.006428
Pde1c	MmuINT0116837	chr6	56109022	56123596	-	0.006315
Pde1c	MmuINT0116838	chr6	56107146	56108920	-	0.006659
Pde1c	MmuINT0116839	chr6	56101388	56107016	-	0.01288
Pde2a	MmuINT0116842	chr7	1.09E+08	1.09E+08	+	0.022058
Pde2a	MmuINT0116843	chr7	1.09E+08	1.09E+08	+	0.00751
Pde2a	MmuINT0116844	chr7	1.09E+08	1.09E+08	+	0.046562
Pde2a	MmuINT0116845	chr7	1.09E+08	1.09E+08	+	0.028128
Pde2a	MmuINT0116846	chr7	1.09E+08	1.09E+08	+	0.011833
Pde2a	MmuINT0116847	chr7	1.09E+08	1.09E+08	+	0.010362
Pde2a	MmuINT0116848	chr7	1.09E+08	1.09E+08	+	0.020852
Pde2a	MmuINT0116849	chr7	1.09E+08	1.09E+08	+	0.005501
Pde2a	MmuINT0116850	chr7	1.09E+08	1.09E+08	+	0.148763
Pde2a	MmuINT0116851	chr7	1.09E+08	1.09E+08	+	0.16127
Pde2a	MmuINT0116853	chr7	1.09E+08	1.09E+08	+	0.006755
Pde2a	MmuINT0116854	chr7	1.09E+08	1.09E+08	+	0.005647
Pde2a	MmuINT0116855	chr7	1.09E+08	1.09E+08	+	0.011515
Pde2a	MmuINT0116856	chr7	1.09E+08	1.09E+08	+	0.005783
Pde2a	MmuINT0116857	chr7	1.09E+08	1.09E+08	+	0.009815
Pde2a	MmuINT0116858	chr7	1.09E+08	1.09E+08	+	0.017795
Pde2a	MmuINT0116859	chr7	1.09E+08	1.09E+08	+	0.010407
Pde2a	MmuINT0116860	chr7	1.09E+08	1.09E+08	+	0.026758
Pde2a	MmuINT0116861	chr7	1.09E+08	1.09E+08	+	0.029927
Pde2a	MmuINT0116862	chr7	1.09E+08	1.09E+08	+	0.019495
Pde2a	MmuINT0116863	chr7	1.09E+08	1.09E+08	+	0.007057
Pde2a	MmuINT0116864	chr7	1.09E+08	1.09E+08	+	0.019407
Pde2a	MmuINT0116865	chr7	1.09E+08	1.09E+08	+	0.006378
Pde2a	MmuINT0116866	chr7	1.09E+08	1.09E+08	+	0.006992
Pde2a	MmuINT0116867	chr7	1.09E+08	1.09E+08	+	0.101255
Pde2a	MmuINT0116868	chr7	1.09E+08	1.09E+08	+	0.061723
Pde2a	MmuINT0116869	chr7	1.09E+08	1.09E+08	+	0.012636
Pde2a	MmuINT0116870	chr7	1.09E+08	1.09E+08	+	0.025823
Pde3a	MmuINT0116873	chr6	1.41E+08	1.41E+08	+	0.006811
Pde3a	MmuINT0116874	chr6	1.41E+08	1.41E+08	+	0.005977
Pde3a	MmuINT0116875	chr6	1.41E+08	1.41E+08	+	0.006132
Pde3a	MmuINT0116876	chr6	1.41E+08	1.41E+08	+	0.006831
Pde3a	MmuINT0116877	chr6	1.41E+08	1.41E+08	+	0.004156
Pde3a	MmuINT0116880	chr6	1.41E+08	1.41E+08	+	0.007522
Pde3a	MmuINT0116881	chr6	1.41E+08	1.41E+08	+	0.004581
Pde3a	MmuINT0116883	chr6	1.41E+08	1.41E+08	+	0.004877
Pde3a	MmuINT0116884	chr6	1.41E+08	1.41E+08	+	0.024152
Pde3a	MmuINT0116885	chr6	1.41E+08	1.41E+08	+	0.006403
Pde3b	MmuINT0116888	chr7	1.22E+08	1.22E+08	+	0.048069
Pde3b	MmuINT0116890	chr7	1.22E+08	1.22E+08	+	0.080944
Pde3b	MmuINT0116891	chr7	1.22E+08	1.22E+08	+	0.098444
Pde3b	MmuINT0116892	chr7	1.22E+08	1.22E+08	+	0.050291

Pde4a	MmuINT0116903	chr9	21007997	21008767	+	0.023491
Pde4a	MmuINT0116904	chr9	21008868	21009413	+	0.040828
Pde4a	MmuINT0116905	chr9	21009569	21009734	+	0.059323
Pde4a	MmuINT0116907	chr9	21010772	21015137	+	0.005292
Pde4a	MmuINT0116913	chr9	21003131	21005664	+	0.00795
Pde4b	MmuINT0116917	chr4	1.02E+08	1.02E+08	+	0.01642
Pde4b	MmuINT0116918	chr4	1.02E+08	1.02E+08	+	0.01281
Pde4b	MmuINT0116919	chr4	1.02E+08	1.02E+08	+	0.0161
Pde4b	MmuINT0116920	chr4	1.02E+08	1.02E+08	+	0.027728
Pde4b	MmuINT0116921	chr4	1.02E+08	1.02E+08	+	0.02664
Pde4b	MmuINT0116922	chr4	1.02E+08	1.02E+08	+	0.009574
Pde4b	MmuINT0116923	chr4	1.02E+08	1.02E+08	+	0.012841
Pde4b	MmuINT0116924	chr4	1.02E+08	1.02E+08	+	0.024089
Pde4b	MmuINT0116927	chr4	1.02E+08	1.02E+08	+	0.046043
Pde4b	MmuINT0116928	chr4	1.02E+08	1.02E+08	+	0.096943
Pde4b	MmuINT0116929	chr4	1.02E+08	1.02E+08	+	0.030255
Pde4b	MmuINT0116930	chr4	1.02E+08	1.02E+08	+	0.033278
Pde4d	MmuINT0116948	chr13	1.09E+08	1.1E+08	+	0.017168
Pde4d	MmuINT0116950	chr13	1.11E+08	1.11E+08	+	0.019719
Pde4d	MmuINT0116951	chr13	1.11E+08	1.11E+08	+	0.021032
Pde4d	MmuINT0116952	chr13	1.11E+08	1.11E+08	+	0.019004
Pde4d	MmuINT0116953	chr13	1.11E+08	1.11E+08	+	0.019593
Pde4d	MmuINT0116954	chr13	1.11E+08	1.11E+08	+	0.013534
Pde4d	MmuINT0116955	chr13	1.11E+08	1.11E+08	+	0.012542
Pde4d	MmuINT0116962	chr13	1.11E+08	1.11E+08	+	0.119402
Pde4d	MmuINT0116963	chr13	1.11E+08	1.11E+08	+	0.021318
Pde4dip	MmuINT0116965	chr3	97645709	97647581	-	0.004703
Pde4dip	MmuINT0116966	chr3	97558469	97559361	-	0.007223
Pde4dip	MmuINT0116967	chr3	97558187	97558354	-	0.000401
Pde4dip	MmuINT0116968	chr3	97557119	97558048	-	0.000402
Pde4dip	MmuINT0116969	chr3	97555927	97556938	-	0.000305
Pde4dip	MmuINT0116970	chr3	97551859	97555731	-	0.000304
Pde4dip	MmuINT0116971	chr3	97551522	97551687	-	0.000311
Pde4dip	MmuINT0116972	chr3	97550687	97551439	-	0.000421
Pde4dip	MmuINT0116973	chr3	97547526	97550594	-	0.000894
Pde4dip	MmuINT0116974	chr3	97547226	97547408	-	0.000963
Pde4dip	MmuINT0116975	chr3	97546525	97547087	-	0.000408
Pde4dip	MmuINT0116976	chr3	97597532	97600654	-	0.000632
Pde4dip	MmuINT0116977	chr3	97545369	97546411	-	0.001266
Pde4dip	MmuINT0116978	chr3	97528245	97534749	-	0.001298
Pde4dip	MmuINT0116979	chr3	97523641	97528011	-	0.000449
Pde4dip	MmuINT0116980	chr3	97522265	97523204	-	0.005699
Pde4dip	MmuINT0116981	chr3	97521008	97522071	-	0.000239
Pde4dip	MmuINT0116982	chr3	97519566	97520890	-	0.00147
Pde4dip	MmuINT0116983	chr3	97517227	97519036	-	0.001199
Pde4dip	MmuINT0116984	chr3	97515372	97516990	-	0.000455
Pde4dip	MmuINT0116985	chr3	97514368	97515319	-	0.000884
Pde4dip	MmuINT0116986	chr3	97597244	97597407	-	0.000799
Pde4dip	MmuINT0116987	chr3	97513507	97514143	-	0.224677
Pde4dip	MmuINT0116988	chr3	97510981	97513404	-	0.003204

Pde4dip	MmuINT0116989	chr3	97507342	97510794	-	0.004487
Pde4dip	MmuINT0116990	chr3	97506291	97507089	-	0.000474
Pde4dip	MmuINT0116991	chr3	97505601	97506158	-	0.000317
Pde4dip	MmuINT0116992	chr3	97503908	97505480	-	0.000728
Pde4dip	MmuINT0116993	chr3	97503157	97503717	-	0.000641
Pde4dip	MmuINT0116994	chr3	97501138	97503031	-	0.001857
Pde4dip	MmuINT0116995	chr3	97499922	97500912	-	0.001147
Pde4dip	MmuINT0116996	chr3	97499042	97499801	-	0.000568
Pde4dip	MmuINT0116997	chr3	97596780	97597067	-	0.000312
Pde4dip	MmuINT0116998	chr3	97498003	97498814	-	0.0006
Pde4dip	MmuINT0116999	chr3	97496658	97497858	-	0.001492
Pde4dip	MmuINT0117000	chr3	97496291	97496518	-	0.003573
Pde4dip	MmuINT0117001	chr3	97494777	97496243	-	0.657857
Pde4dip	MmuINT0117002	chr3	97562854	97596661	-	0.000373
Pde4dip	MmuINT0117003	chr3	97561575	97562721	-	0.000517
Pde4dip	MmuINT0117004	chr3	97561220	97561454	-	0.000318
Pde4dip	MmuINT0117005	chr3	97561020	97561126	-	0.000336
Pde4dip	MmuINT0117006	chr3	97559521	97560806	-	0.00045
Pde6d	MmuINT0117093	chr1	88444193	88478874	-	0.010948
Pde6d	MmuINT0117095	chr1	88442383	88443231	-	0.006071
Pde6d	MmuINT0117096	chr1	88440159	88442276	-	0.007931
Pde7a	MmuINT0117105	chr3	19130353	19130956	-	0.385486
Pde7a	MmuINT0117106	chr3	19129769	19130255	-	0.418877
Pde7a	MmuINT0117107	chr3	19127842	19129687	-	0.389732
Pde7a	MmuINT0117109	chr3	19143202	19156777	-	0.019028
Pde7a	MmuINT0117110	chr3	19141210	19143049	-	0.064047
Pde7a	MmuINT0117112	chr3	19136014	19136443	-	0.011145
Pde7a	MmuINT0117113	chr3	19133808	19135912	-	0.042266
Pde7a	MmuINT0117114	chr3	19133192	19133675	-	0.039291
Pde7a	MmuINT0117115	chr3	19131102	19133099	-	0.024183
Pde7b	MmuINT0117117	chr10	20130246	20132801	-	0.011928
Pde7b	MmuINT0117118	chr10	20127015	20130148	-	0.016576
Pde7b	MmuINT0117119	chr10	20120439	20126933	-	0.014154
Pde7b	MmuINT0117121	chr10	20163176	20199480	-	0.010648
Pde7b	MmuINT0117122	chr10	20160635	20163023	-	0.019633
Pde7b	MmuINT0117124	chr10	20156103	20158530	-	0.023106
Pde7b	MmuINT0117125	chr10	20154403	20156001	-	0.012641
Pde7b	MmuINT0117126	chr10	20138630	20154270	-	0.012159
Pde7b	MmuINT0117127	chr10	20132947	20138537	-	0.010815
Pde8a	MmuINT0117128	chr7	88358975	88426063	+	0.02864
Pde8a	MmuINT0117129	chr7	88453743	88453824	+	0.034319
Pde8a	MmuINT0117130	chr7	88453868	88459995	+	0.092189
Pde8a	MmuINT0117131	chr7	88460074	88461847	+	0.034809
Pde8a	MmuINT0117132	chr7	88461919	88462171	+	0.017783
Pde8a	MmuINT0117133	chr7	88462334	88463953	+	0.030141
Pde8a	MmuINT0117134	chr7	88464003	88464208	+	0.022477
Pde8a	MmuINT0117135	chr7	88464345	88465537	+	0.016645
Pde8a	MmuINT0117136	chr7	88465737	88468901	+	0.033663
Pde8a	MmuINT0117137	chr7	88469120	88471136	+	0.02635
Pde8a	MmuINT0117138	chr7	88471267	88472913	+	0.029849



Pde8a	MmuINT0117139	chr7	88426121	88427708	+	0.021628
Pde8a	MmuINT0117140	chr7	88473082	88477755	+	0.035771
Pde8a	MmuINT0117141	chr7	88477886	88478301	+	0.061353
Pde8a	MmuINT0117142	chr7	88427900	88437122	+	0.022784
Pde8a	MmuINT0117144	chr7	88438073	88440563	+	0.026182
Pde8a	MmuINT0117145	chr7	88440653	88445525	+	0.033303
Pde8a	MmuINT0117146	chr7	88445605	88447040	+	0.023994
Pde8a	MmuINT0117147	chr7	88447179	88451580	+	0.040473
Pde8a	MmuINT0117148	chr7	88451670	88453690	+	0.034538
Pde8b	MmuINT0117157	chr13	95797703	95800267	-	0.321937
Pde9a	MmuINT0117174	chr17	31603414	31606738	+	0.260548
Pde9a	MmuINT0117175	chr17	31606844	31607625	+	0.145342
Pde9a	MmuINT0117176	chr17	31607755	31608703	+	0.181554
Pdf	MmuINT0117187	chr8	1.1E+08	1.1E+08	-	0.024511
Pdgfa	MmuINT0117188	chr5	1.39E+08	1.39E+08	-	0.008251
Pdgfa	MmuINT0117189	chr5	1.39E+08	1.39E+08	-	0.008591
Pdgfa	MmuINT0117190	chr5	1.39E+08	1.39E+08	-	0.010693
Pdgfa	MmuINT0117191	chr5	1.39E+08	1.39E+08	-	0.009458
Pdgfa	MmuINT0117192	chr5	1.39E+08	1.39E+08	-	0.023686
Pdgfb	MmuINT0117193	chr15	79835996	79844365	-	0.032249
Pdgfb	MmuINT0117194	chr15	79833845	79835898	-	0.030047
Pdgfb	MmuINT0117195	chr15	79832318	79833754	-	0.071812
Pdgfb	MmuINT0117196	chr15	79830904	79832111	-	0.03281
Pdgfb	MmuINT0117197	chr15	79828135	79830758	-	0.036408
Pdgfb	MmuINT0117198	chr15	79827688	79827985	-	0.017423
Pdgfd	MmuINT0117207	chr9	6333387	6337242	+	0.020345
Pdgfra	MmuINT0117211	chr5	75548483	75558255	+	0.050564
Pdgfra	MmuINT0117212	chr5	75572886	75573669	+	0.065361
Pdgfra	MmuINT0117213	chr5	75573765	75573954	+	0.052138
Pdgfra	MmuINT0117214	chr5	75574088	75576192	+	0.063813
Pdgfra	MmuINT0117215	chr5	75576298	75577023	+	0.035473
Pdgfra	MmuINT0117216	chr5	75577135	75577546	+	0.033176
Pdgfra	MmuINT0117217	chr5	75577701	75579000	+	0.025554
Pdgfra	MmuINT0117218	chr5	75579168	75581538	+	0.128753
Pdgfra	MmuINT0117219	chr5	75581655	75581975	+	0.035001
Pdgfra	MmuINT0117220	chr5	75582099	75583887	+	0.054333
Pdgfra	MmuINT0117221	chr5	75584000	75585044	+	0.043088
Pdgfra	MmuINT0117223	chr5	75585145	75585255	+	0.050402
Pdgfra	MmuINT0117224	chr5	75585362	75588455	+	0.025249
Pdgfra	MmuINT0117225	chr5	75588698	75590977	+	0.035818
Pdgfra	MmuINT0117226	chr5	75559878	75562535	+	0.037591
Pdgfra	MmuINT0117227	chr5	75562797	75563861	+	0.036968
Pdgfra	MmuINT0117229	chr5	75566692	75566786	+	0.038832
Pdgfra	MmuINT0117230	chr5	75566977	75569413	+	0.028386
Pdgfra	MmuINT0117231	chr5	75569530	75570969	+	0.032771
Pdgfra	MmuINT0117232	chr5	75571097	75572691	+	0.02754
Pdgfrb	MmuINT0117234	chr18	61205227	61219797	+	0.029008
Pdgfrb	MmuINT0117235	chr18	61228611	61231314	+	0.017822
Pdgfrb	MmuINT0117236	chr18	61231410	61232283	+	0.091276
Pdgfrb	MmuINT0117237	chr18	61232417	61232894	+	0.01918

Pdgfrb	MmuINT0117238	chr18	61233000	61233281	+	0.015181
Pdgfrb	MmuINT0117239	chr18	61233393	61236172	+	0.078527
Pdgfrb	MmuINT0117240	chr18	61236333	61237271	+	0.021873
Pdgfrb	MmuINT0117241	chr18	61237433	61238182	+	0.017883
Pdgfrb	MmuINT0117242	chr18	61238302	61238531	+	0.036193
Pdgfrb	MmuINT0117243	chr18	61238655	61239277	+	0.025947
Pdgfrb	MmuINT0117244	chr18	61239390	61239949	+	0.014166
Pdgfrb	MmuINT0117245	chr18	61219844	61220858	+	0.02052
Pdgfrb	MmuINT0117246	chr18	61240050	61240608	+	0.027308
Pdgfrb	MmuINT0117247	chr18	61240715	61241470	+	0.055347
Pdgfrb	MmuINT0117248	chr18	61241704	61242874	+	0.027505
Pdgfrb	MmuINT0117249	chr18	61221180	61223520	+	0.015798
Pdgfrb	MmuINT0117250	chr18	61223788	61224450	+	0.014835
Pdgfrb	MmuINT0117251	chr18	61224579	61224658	+	0.016795
Pdgfrb	MmuINT0117252	chr18	61224834	61225368	+	0.013229
Pdgfrb	MmuINT0117253	chr18	61225562	61226151	+	0.028738
Pdgfrb	MmuINT0117254	chr18	61226268	61227749	+	0.018584
Pdha1	MmuINT0117260	chrX	1.57E+08	1.57E+08	-	0.000564
Pdha1	MmuINT0117262	chrX	1.57E+08	1.57E+08	-	0.000361
Pdha1	MmuINT0117263	chrX	1.57E+08	1.57E+08	-	0.000878
Pdha1	MmuINT0117264	chrX	1.57E+08	1.57E+08	-	0.000416
Pdha1	MmuINT0117265	chrX	1.57E+08	1.57E+08	-	0.001258
Pdha1	MmuINT0117266	chrX	1.57E+08	1.57E+08	-	0.000344
Pdha1	MmuINT0117267	chrX	1.57E+08	1.57E+08	-	0.000235
Pdha1	MmuINT0117268	chrX	1.57E+08	1.57E+08	-	0.000459
Pdha1	MmuINT0117269	chrX	1.57E+08	1.57E+08	-	0.001227
Pdhb	MmuINT0117270	chr14	9005332	9005404	-	0.003392
Pdhb	MmuINT0117271	chr14	9004045	9005277	-	0.001487
Pdhb	MmuINT0117273	chr14	9003690	9003780	-	0.000464
Pdhb	MmuINT0117274	chr14	9002961	9003653	-	0.008221
Pdhb	MmuINT0117277	chr14	8999369	9001858	-	0.000524
Pdhx	MmuINT0117279	chr2	1.03E+08	1.03E+08	-	0.00083
Pdhx	MmuINT0117280	chr2	1.03E+08	1.03E+08	-	0.000556
Pdhx	MmuINT0117281	chr2	1.03E+08	1.03E+08	-	0.001415
Pdhx	MmuINT0117282	chr2	1.03E+08	1.03E+08	-	0.000522
Pdhx	MmuINT0117283	chr2	1.03E+08	1.03E+08	-	0.001063
Pdhx	MmuINT0117284	chr2	1.03E+08	1.03E+08	-	0.001318
Pdhx	MmuINT0117285	chr2	1.03E+08	1.03E+08	-	0.002831
Pdhx	MmuINT0117286	chr2	1.03E+08	1.03E+08	-	0.003341
Pdhx	MmuINT0117287	chr2	1.03E+08	1.03E+08	-	0.001288
Pdhx	MmuINT0117288	chr2	1.03E+08	1.03E+08	-	0.001438
Pdia3	MmuINT0117299	chr2	1.21E+08	1.21E+08	+	0.003049
Pdia3	MmuINT0117300	chr2	1.21E+08	1.21E+08	+	0.002184
Pdia3	MmuINT0117301	chr2	1.21E+08	1.21E+08	+	0.001847
Pdia3	MmuINT0117302	chr2	1.21E+08	1.21E+08	+	0.004976
Pdia3	MmuINT0117303	chr2	1.21E+08	1.21E+08	+	0.002651
Pdia3	MmuINT0117304	chr2	1.21E+08	1.21E+08	+	0.002662
Pdia3	MmuINT0117305	chr2	1.21E+08	1.21E+08	+	0.002023
Pdia3	MmuINT0117306	chr2	1.21E+08	1.21E+08	+	0.002545
Pdia3	MmuINT0117307	chr2	1.21E+08	1.21E+08	+	0.001903

Pdia3	MmuINT0117308	chr2	1.21E+08	1.21E+08	+	0.001866
Pdia3	MmuINT0117309	chr2	1.21E+08	1.21E+08	+	0.002004
Pdia3	MmuINT0117310	chr2	1.21E+08	1.21E+08	+	0.001825
Pdia4	MmuINT0117311	chr6	47758343	47763215	-	0.011811
Pdia4	MmuINT0117312	chr6	47757211	47758173	-	0.014552
Pdia4	MmuINT0117314	chr6	47753910	47756504	-	0.013328
Pdia4	MmuINT0117315	chr6	47753589	47753703	-	0.020914
Pdia4	MmuINT0117316	chr6	47751089	47753429	-	0.00768
Pdia4	MmuINT0117317	chr6	47749342	47750936	-	0.038864
Pdia4	MmuINT0117318	chr6	47748598	47749184	-	0.011026
Pdia4	MmuINT0117319	chr6	47746903	47748363	-	0.006578
Pdia5	MmuINT0117321	chr16	35423089	35429818	-	0.042587
Pdia5	MmuINT0117322	chr16	35411084	35422951	-	0.06733
Pdia5	MmuINT0117323	chr16	35410541	35411012	-	0.041062
Pdia5	MmuINT0117324	chr16	35407851	35410379	-	0.041944
Pdia5	MmuINT0117325	chr16	35404170	35407719	-	0.067181
Pdia5	MmuINT0117326	chr16	35398498	35404098	-	0.073929
Pdia5	MmuINT0117327	chr16	35397625	35398362	-	0.032602
Pdia5	MmuINT0117328	chr16	35464509	35466616	-	0.038135
Pdia5	MmuINT0117329	chr16	35456632	35464420	-	0.065744
Pdia5	MmuINT0117330	chr16	35456228	35456547	-	0.067429
Pdia5	MmuINT0117333	chr16	35438267	35449488	-	0.059789
Pdia5	MmuINT0117335	chr16	35429891	35429978	-	0.055138
Pdia6	MmuINT0117336	chr12	17273458	17277201	+	0.006597
Pdia6	MmuINT0117337	chr12	17287446	17287716	+	0.003935
Pdia6	MmuINT0117338	chr12	17287876	17290005	+	0.004898
Pdia6	MmuINT0117339	chr12	17290103	17290743	+	0.004364
Pdia6	MmuINT0117340	chr12	17277344	17280750	+	0.003788
Pdia6	MmuINT0117341	chr12	17280809	17281189	+	0.003337
Pdia6	MmuINT0117342	chr12	17281317	17284003	+	0.003014
Pdia6	MmuINT0117343	chr12	17284111	17285319	+	0.015381
Pdia6	MmuINT0117344	chr12	17285451	17285641	+	0.007866
Pdia6	MmuINT0117345	chr12	17285757	17286384	+	0.009764
Pdia6	MmuINT0117346	chr12	17286526	17287183	+	0.002068
Pdia6	MmuINT0117347	chr12	17287269	17287372	+	0.00376
Pdk1	MmuINT0117362	chr2	71711623	71713462	+	0.005609
Pdk1	MmuINT0117363	chr2	71735818	71738040	+	0.002205
Pdk1	MmuINT0117364	chr2	71713605	71718095	+	0.002947
Pdk1	MmuINT0117365	chr2	71718168	71721479	+	0.002259
Pdk1	MmuINT0117366	chr2	71721665	71721899	+	0.001834
Pdk1	MmuINT0117367	chr2	71721990	71724038	+	0.006244
Pdk1	MmuINT0117368	chr2	71724117	71725438	+	0.015186
Pdk1	MmuINT0117369	chr2	71725516	71726952	+	0.007488
Pdk1	MmuINT0117370	chr2	71727052	71733745	+	0.002447
Pdk1	MmuINT0117371	chr2	71733857	71735703	+	0.00424
Pdk2	MmuINT0117372	chr11	94900805	94902452	-	0.000491
Pdk2	MmuINT0117373	chr11	94888637	94889178	-	0.003824
Pdk2	MmuINT0117374	chr11	94893851	94900662	-	0.000787
Pdk2	MmuINT0117375	chr11	94893335	94893778	-	0.000819
Pdk2	MmuINT0117376	chr11	94891321	94893149	-	0.00132

Pdk2	MmuINT0117377	chr11	94891046	94891230	-	0.001093
Pdk2	MmuINT0117378	chr11	94890313	94890967	-	0.001256
Pdk2	MmuINT0117379	chr11	94890111	94890235	-	0.000577
Pdk2	MmuINT0117380	chr11	94889901	94890011	-	0.000422
Pdk2	MmuINT0117381	chr11	94889293	94889792	-	0.007564
Pdk3	MmuINT0117383	chrX	91014368	91022647	-	0.068047
Pdk3	MmuINT0117385	chrX	91054282	91059265	-	0.057701
Pdk3	MmuINT0117387	chrX	91045543	91047547	-	0.060465
Pdk4	MmuINT0117393	chr6	5445032	5446032	-	0.002767
Pdk4	MmuINT0117394	chr6	5435593	5436677	-	0.004434
Pdk4	MmuINT0117395	chr6	5442778	5444889	-	0.007132
Pdk4	MmuINT0117396	chr6	5442015	5442705	-	0.001076
Pdk4	MmuINT0117397	chr6	5441678	5441829	-	0.000864
Pdk4	MmuINT0117398	chr6	5441148	5441590	-	0.001784
Pdk4	MmuINT0117399	chr6	5439212	5441069	-	0.002528
Pdk4	MmuINT0117400	chr6	5437478	5439134	-	0.002794
Pdk4	MmuINT0117401	chr6	5437175	5437378	-	0.001823
Pdk4	MmuINT0117402	chr6	5436792	5437063	-	0.002459
Pdlim1	MmuINT0117403	chr19	40326552	40345835	-	0.00281
Pdlim1	MmuINT0117406	chr19	40305149	40317895	-	0.000625
Pdlim2	MmuINT0117415	chr14	70567596	70567771	-	0.040705
Pdlim2	MmuINT0117416	chr14	70566015	70567467	-	0.026854
Pdlim2	MmuINT0117417	chr14	70564601	70565896	-	0.015203
Pdlim3	MmuINT0117418	chr8	46971027	46982101	+	0.025985
Pdlim3	MmuINT0117419	chr8	46982254	46985828	+	0.026775
Pdlim3	MmuINT0117420	chr8	46985914	46993822	+	0.112796
Pdlim3	MmuINT0117421	chr8	46994011	47000482	+	0.150288
Pdlim3	MmuINT0117422	chr8	47000614	47002811	+	0.051308
Pdlim3	MmuINT0117423	chr8	47002924	47004178	+	0.079937
Pdlim4	MmuINT0117424	chr11	53877289	53882341	-	0.013279
Pdlim4	MmuINT0117425	chr11	53873519	53877136	-	0.022431
Pdlim4	MmuINT0117426	chr11	53869827	53873439	-	0.03804
Pdlim4	MmuINT0117427	chr11	53869456	53869644	-	0.008529
Pdlim4	MmuINT0117428	chr11	53868977	53869291	-	0.029476
Pdlim4	MmuINT0117429	chr11	53868742	53868858	-	0.013832
Pdlim5	MmuINT0117434	chr3	1.42E+08	1.42E+08	-	0.001385
Pdlim5	MmuINT0117435	chr3	1.42E+08	1.42E+08	-	0.009289
Pdlim5	MmuINT0117436	chr3	1.42E+08	1.42E+08	-	0.015914
Pdlim5	MmuINT0117437	chr3	1.42E+08	1.42E+08	-	0.010372
Pdlim5	MmuINT0117438	chr3	1.42E+08	1.42E+08	-	0.000171
Pdlim5	MmuINT0117439	chr3	1.42E+08	1.42E+08	-	0.000332
Pdlim5	MmuINT0117442	chr3	1.42E+08	1.42E+08	-	0.236976
Pdlim5	MmuINT0117443	chr3	1.42E+08	1.42E+08	-	0.00784
Pdlim5	MmuINT0117444	chr3	1.42E+08	1.42E+08	-	0.023694
Pdlim7	MmuINT0117455	chr13	55600583	55606018	-	0.157194
Pdlim7	MmuINT0117456	chr13	55600371	55600461	-	0.020275
Pdlim7	MmuINT0117457	chr13	55600096	55600254	-	0.068193
Pdlim7	MmuINT0117461	chr13	55607530	55607666	-	0.156987
Pdlim7	MmuINT0117462	chr13	55606200	55607294	-	0.015209
Pdlim7	MmuINT0117463	chr13	55613780	55614727	-	0.014585

Pdlim7	MmuINT0117464	chr13	55610405	55613672	-	0.013391
Pdlim7	MmuINT0117465	chr13	55610172	55610252	-	0.012846
Pdlim7	MmuINT0117467	chr13	55608986	55609224	-	0.042724
Pdlim7	MmuINT0117468	chr13	55608728	55608848	-	0.107222
Pdlim7	MmuINT0117469	chr13	55608485	55608690	-	0.239138
Pdp1	MmuINT0117471	chr4	11889381	11892760	-	0.044658
Pdp2	MmuINT0117472	chr8	1.07E+08	1.07E+08	+	0.021518
Pdpk1	MmuINT0117473	chr17	24225189	24228387	-	0.012606
Pdpk1	MmuINT0117474	chr17	24217403	24224970	-	0.04678
Pdpk1	MmuINT0117475	chr17	24216612	24217344	-	0.021404
Pdpk1	MmuINT0117476	chr17	24216110	24216458	-	0.025829
Pdpk1	MmuINT0117477	chr17	24244239	24247814	-	0.021718
Pdpk1	MmuINT0117478	chr17	24243932	24244195	-	0.035741
Pdpk1	MmuINT0117479	chr17	24238714	24243793	-	0.01638
Pdpk1	MmuINT0117480	chr17	24237876	24238568	-	0.013719
Pdpk1	MmuINT0117481	chr17	24235137	24237777	-	0.017909
Pdpk1	MmuINT0117482	chr17	24230576	24235060	-	0.034476
Pdpk1	MmuINT0117483	chr17	24230255	24230506	-	0.027141
Pdpk1	MmuINT0117484	chr17	24228562	24230157	-	0.021552
Pdpn	MmuINT0117485	chr4	1.43E+08	1.43E+08	-	0.061121
Pdpn	MmuINT0117487	chr4	1.43E+08	1.43E+08	-	0.031158
Pdrg1	MmuINT0117490	chr2	1.53E+08	1.53E+08	-	0.008372
Pdrg1	MmuINT0117491	chr2	1.53E+08	1.53E+08	-	0.012167
Pdrg1	MmuINT0117492	chr2	1.53E+08	1.53E+08	-	0.009076
Pdrg1	MmuINT0117493	chr2	1.53E+08	1.53E+08	-	0.009317
Pds5a	MmuINT0117494	chr5	66088177	66088988	-	0.022569
Pds5a	MmuINT0117495	chr5	66043773	66045243	-	0.013153
Pds5a	MmuINT0117496	chr5	66042536	66043626	-	0.011102
Pds5a	MmuINT0117497	chr5	66041746	66042383	-	0.01185
Pds5a	MmuINT0117498	chr5	66039245	66041631	-	0.013639
Pds5a	MmuINT0117499	chr5	66038376	66039162	-	0.020597
Pds5a	MmuINT0117500	chr5	66037712	66038326	-	0.018605
Pds5a	MmuINT0117501	chr5	66035375	66037571	-	0.015405
Pds5a	MmuINT0117502	chr5	66029902	66035258	-	0.012366
Pds5a	MmuINT0117503	chr5	66029142	66029795	-	0.01147
Pds5a	MmuINT0117504	chr5	66026678	66028980	-	0.01008
Pds5a	MmuINT0117505	chr5	66057551	66088001	-	0.011437
Pds5a	MmuINT0117506	chr5	66025570	66026553	-	0.009844
Pds5a	MmuINT0117507	chr5	66023021	66025410	-	0.011884
Pds5a	MmuINT0117508	chr5	66021295	66022951	-	0.017225
Pds5a	MmuINT0117509	chr5	66019362	66021157	-	0.017995
Pds5a	MmuINT0117510	chr5	66019004	66019237	-	0.013682
Pds5a	MmuINT0117511	chr5	66018439	66018798	-	0.013414
Pds5a	MmuINT0117512	chr5	66015292	66018323	-	0.011882
Pds5a	MmuINT0117513	chr5	66014339	66015158	-	0.015855
Pds5a	MmuINT0117514	chr5	66011852	66014218	-	0.063963
Pds5a	MmuINT0117517	chr5	66010292	66010858	-	0.048249
Pds5a	MmuINT0117518	chr5	66006844	66010182	-	0.01462
Pds5a	MmuINT0117519	chr5	66055193	66055666	-	0.024572
Pds5a	MmuINT0117520	chr5	66050973	66055094	-	0.023617

Pds5a	MmuINT0117521	chr5	66049667	66050845	-	0.014321
Pds5a	MmuINT0117522	chr5	66047648	66049585	-	0.015779
Pds5a	MmuINT0117523	chr5	66046144	66047506	-	0.015906
Pds5a	MmuINT0117524	chr5	66045339	66046027	-	0.011412
Pds5b	MmuINT0117526	chr5	1.52E+08	1.52E+08	+	0.032765
Pds5b	MmuINT0117527	chr5	1.52E+08	1.52E+08	+	0.03717
Pds5b	MmuINT0117528	chr5	1.52E+08	1.52E+08	+	0.028321
Pds5b	MmuINT0117529	chr5	1.52E+08	1.52E+08	+	0.036826
Pds5b	MmuINT0117530	chr5	1.52E+08	1.52E+08	+	0.033967
Pds5b	MmuINT0117531	chr5	1.52E+08	1.52E+08	+	0.033244
Pds5b	MmuINT0117532	chr5	1.52E+08	1.52E+08	+	0.027158
Pds5b	MmuINT0117533	chr5	1.52E+08	1.52E+08	+	0.029506
Pds5b	MmuINT0117534	chr5	1.52E+08	1.52E+08	+	0.029108
Pds5b	MmuINT0117535	chr5	1.52E+08	1.52E+08	+	0.024248
Pds5b	MmuINT0117536	chr5	1.52E+08	1.52E+08	+	0.025497
Pds5b	MmuINT0117537	chr5	1.52E+08	1.52E+08	+	0.020782
Pds5b	MmuINT0117538	chr5	1.52E+08	1.52E+08	+	0.023527
Pds5b	MmuINT0117539	chr5	1.52E+08	1.52E+08	+	0.023086
Pds5b	MmuINT0117540	chr5	1.52E+08	1.52E+08	+	0.017972
Pds5b	MmuINT0117541	chr5	1.52E+08	1.52E+08	+	0.016803
Pds5b	MmuINT0117542	chr5	1.52E+08	1.52E+08	+	0.025205
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Pds5b	MmuINT0117544	chr5	1.52E+08	1.52E+08	+	0.034784
Pds5b	MmuINT0117545	chr5	1.52E+08	1.52E+08	+	0.053488
Pds5b	MmuINT0117546	chr5	1.52E+08	1.52E+08	+	0.033061
Pds5b	MmuINT0117547	chr5	1.52E+08	1.52E+08	+	0.028535
Pds5b	MmuINT0117548	chr5	1.52E+08	1.52E+08	+	0.028181
Pds5b	MmuINT0117549	chr5	1.52E+08	1.52E+08	+	0.245295
Pds5b	MmuINT0117550	chr5	1.52E+08	1.52E+08	+	0.013329
Pds5b	MmuINT0117551	chr5	1.52E+08	1.52E+08	+	0.016496
Pds5b	MmuINT0117552	chr5	1.52E+08	1.52E+08	+	0.015038
Pds5b	MmuINT0117553	chr5	1.52E+08	1.52E+08	+	0.045804
Pds5b	MmuINT0117555	chr5	1.52E+08	1.52E+08	+	0.037017
Pds5b	MmuINT0117557	chr5	1.52E+08	1.52E+08	+	0.021485
Pds5b	MmuINT0117558	chr5	1.52E+08	1.52E+08	+	0.029073
Pdss1	MmuINT0117559	chr2	22751283	22756800	+	0.016828
Pdss1	MmuINT0117560	chr2	22791160	22795342	+	0.042665
Pdss1	MmuINT0117561	chr2	22756866	22757272	+	0.01087
Pdss1	MmuINT0117562	chr2	22757394	22762314	+	0.009667
Pdss1	MmuINT0117563	chr2	22762446	22768119	+	0.031535
Pdss1	MmuINT0117564	chr2	22768262	22770721	+	0.014651
Pdss1	MmuINT0117565	chr2	22770834	22770934	+	0.008069
Pdss1	MmuINT0117566	chr2	22771045	22785059	+	0.04754
Pdss1	MmuINT0117567	chr2	22785141	22785263	+	0.029906
Pdss1	MmuINT0117568	chr2	22785378	22791078	+	0.119964
Pdss2	MmuINT0117569	chr10	42941867	43018604	+	0.005241
Pdss2	MmuINT0117570	chr10	43018740	43065333	+	0.005916
Pdss2	MmuINT0117571	chr10	43065533	43091940	+	0.0153
Pdss2	MmuINT0117572	chr10	43092016	43113676	+	0.009952
Pdss2	MmuINT0117573	chr10	43113851	43115366	+	0.013408

Pdss2	MmuINT0117574	chr10	43115499	43133320	+	0.008637
Pdxdc1	MmuINT0117579	chr16	13887864	13903007	-	0.003513
Pdxdc1	MmuINT0117580	chr16	13859052	13859202	-	0.00623
Pdxdc1	MmuINT0117581	chr16	13857596	13858949	-	0.006885
Pdxdc1	MmuINT0117582	chr16	13854539	13857469	-	0.002673
Pdxdc1	MmuINT0117583	chr16	13847883	13854487	-	0.004122
Pdxdc1	MmuINT0117584	chr16	13845517	13847818	-	0.003647
Pdxdc1	MmuINT0117585	chr16	13843970	13845427	-	0.004727
Pdxdc1	MmuINT0117586	chr16	13840552	13843863	-	0.002186
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Pdxdc1	MmuINT0117589	chr16	13838488	13839324	-	0.002254
Pdxdc1	MmuINT0117590	chr16	13884725	13887789	-	0.007181
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Pdxdc1	MmuINT0117592	chr16	13837241	13838188	-	0.004282
Pdxdc1	MmuINT0117593	chr16	13836709	13837135	-	0.021749
Pdxdc1	MmuINT0117594	chr16	13882052	13884658	-	0.003486
Pdxdc1	MmuINT0117595	chr16	13879666	13881970	-	0.003577
Pdxdc1	MmuINT0117596	chr16	13876261	13879518	-	0.002582
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Pdxdc1	MmuINT0117599	chr16	13860132	13869895	-	0.003995
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Pdxk	MmuINT0117602	chr10	77903659	77903881	-	0.013191
Pdxk	MmuINT0117603	chr10	77914329	77916218	-	0.023228
Pdxk	MmuINT0117604	chr10	77913112	77914223	-	0.018087
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Pdxk	MmuINT0117607	chr10	77909741	77910639	-	0.025996
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Pdxk	MmuINT0117609	chr10	77906663	77907727	-	0.035707
Pdxk	MmuINT0117610	chr10	77903949	77906525	-	0.086037
Pdzd11	MmuINT0117621	chrX	97820727	97821154	-	0.050054
Pdzd11	MmuINT0117622	chrX	97820218	97820626	-	0.006383
Pdzd11	MmuINT0117623	chrX	97819929	97820133	-	0.01005
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Pdzd11	MmuINT0117626	chrX	97818767	97818921	-	0.038552
Pdzd2	MmuINT0117629	chr15	12331309	12332049	-	0.018815
Pdzd2	MmuINT0117630	chr15	12329067	12331190	-	0.026392
Pdzd2	MmuINT0117631	chr15	12319805	12328933	-	0.022739
Pdzd2	MmuINT0117632	chr15	12318334	12319722	-	0.023
Pdzd2	MmuINT0117634	chr15	12315704	12317291	-	0.019153
Pdzd2	MmuINT0117636	chr15	12306136	12312353	-	0.020299
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Pdzd2	MmuINT0117639	chr15	12298476	12301343	-	0.016254
Pdzd2	MmuINT0117640	chr15	12297836	12298373	-	0.008961
Pdzd2	MmuINT0117641	chr15	12295518	12297564	-	0.021984
Pdzd2	MmuINT0117642	chr15	12291995	12295382	-	0.035074
Pdzd2	MmuINT0117647	chr15	12337135	12340762	-	0.025455
Pdzd3	MmuINT0117651	chr9	44056100	44056313	-	0.144015

Pdzd3	MmuINT0117658	chr9	44056846	44056929	-	0.066309
Pdzd3	MmuINT0117659	chr9	44056515	44056638	-	0.101306
Pdzd8	MmuINT0117682	chr19	59402364	59419208	-	0.017386
Pdzd8	MmuINT0117683	chr19	59389851	59402240	-	0.018034
Pdzd8	MmuINT0117684	chr19	59379811	59389747	-	0.017643
Pdzd8	MmuINT0117685	chr19	59376199	59379647	-	0.024909
Pdzk1	MmuINT0117693	chr3	96672456	96672863	+	0.982114
Pdzk1	MmuINT0117694	chr3	96673155	96674032	+	0.984927
Pdzrn3	MmuINT0117698	chr6	1.01E+08	1.01E+08	-	0.023029
Pdzrn3	MmuINT0117699	chr6	1.01E+08	1.01E+08	-	0.018561
Pdzrn3	MmuINT0117700	chr6	1.01E+08	1.01E+08	-	0.009755
Pdzrn3	MmuINT0117701	chr6	1.01E+08	1.01E+08	-	0.014736
Pdzrn3	MmuINT0117702	chr6	1.01E+08	1.01E+08	-	0.02815
Pdzrn3	MmuINT0117703	chr6	1.01E+08	1.01E+08	-	0.015167
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Pdzrn3	MmuINT0117705	chr6	1.01E+08	1.01E+08	-	0.012401
Pdzrn3	MmuINT0117706	chr6	1.01E+08	1.01E+08	-	0.00735
Pea15a	MmuINT0117717	chr1	1.74E+08	1.74E+08	-	0.021428
Pea15a	MmuINT0117718	chr1	1.74E+08	1.74E+08	-	0.049134
Pear1	MmuINT0117724	chr3	87560687	87560770	-	0.02883
Pear1	MmuINT0117725	chr3	87560203	87560473	-	0.016336
Pear1	MmuINT0117726	chr3	87559948	87560027	-	0.019059
Pear1	MmuINT0117727	chr3	87558584	87559826	-	0.029061
Pear1	MmuINT0117728	chr3	87558318	87558419	-	0.021935
Pear1	MmuINT0117729	chr3	87558133	87558214	-	0.025853
Pear1	MmuINT0117730	chr3	87557817	87557985	-	0.257441
Pear1	MmuINT0117731	chr3	87556759	87557687	-	0.317763
Pear1	MmuINT0117732	chr3	87556523	87556629	-	0.160087
Pear1	MmuINT0117733	chr3	87556242	87556393	-	0.141018
Pear1	MmuINT0117734	chr3	87555865	87556028	-	0.241527
Pear1	MmuINT0117735	chr3	87555696	87555775	-	0.125024
Pear1	MmuINT0117736	chr3	87555437	87555571	-	0.026079
Pear1	MmuINT0117737	chr3	87555278	87555361	-	0.021228
Pear1	MmuINT0117738	chr3	87554220	87555031	-	0.010441
Pear1	MmuINT0117740	chr3	87563504	87564145	-	0.039751
Pear1	MmuINT0117741	chr3	87563117	87563398	-	0.181231
Pear1	MmuINT0117742	chr3	87562340	87563015	-	0.451924
Pear1	MmuINT0117743	chr3	87562093	87562246	-	0.12045
Pear1	MmuINT0117744	chr3	87561187	87561848	-	0.26398
Pear1	MmuINT0117745	chr3	87560908	87561065	-	0.178096
Pecam1	MmuINT0117755	chr11	1.07E+08	1.07E+08	-	0.004175
Pecam1	MmuINT0117756	chr11	1.07E+08	1.07E+08	-	0.014311
Pecam1	MmuINT0117757	chr11	1.07E+08	1.07E+08	-	0.007048
Pecam1	MmuINT0117758	chr11	1.07E+08	1.07E+08	-	0.016318
Pecam1	MmuINT0117759	chr11	1.07E+08	1.07E+08	-	0.008714
Pecam1	MmuINT0117760	chr11	1.07E+08	1.07E+08	-	0.048207
Pecam1	MmuINT0117761	chr11	1.07E+08	1.07E+08	-	0.003123
Pecam1	MmuINT0117762	chr11	1.07E+08	1.07E+08	-	0.004626
Pecam1	MmuINT0117763	chr11	1.07E+08	1.07E+08	-	0.003724
Pecam1	MmuINT0117764	chr11	1.07E+08	1.07E+08	-	0.003422



Pecam1	MmuINT0117765	chr11	1.07E+08	1.07E+08	-	0.004336
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Pecam1	MmuINT0117767	chr11	1.07E+08	1.07E+08	-	0.003859
Peci	MmuINT0117769	chr13	35085100	35085698	-	0.471176
Peci	MmuINT0117772	chr13	35079438	35080151	-	0.013937
Peci	MmuINT0117773	chr13	35078057	35079337	-	0.002933
Peci	MmuINT0117774	chr13	35072221	35077935	-	0.003517
Peci	MmuINT0117776	chr13	35069936	35070518	-	0.00214
Pecr	MmuINT0117777	chr1	72323995	72330666	-	0.011782
Pecr	MmuINT0117778	chr1	72322906	72323860	-	0.009979
Pecr	MmuINT0117779	chr1	72321542	72322739	-	0.021739
Pecr	MmuINT0117780	chr1	72316948	72321459	-	0.038743
Pecr	MmuINT0117781	chr1	72314092	72316850	-	0.014169
Pecr	MmuINT0117782	chr1	72308638	72313980	-	0.036698
Pecr	MmuINT0117783	chr1	72306008	72308525	-	0.024777
Pef1	MmuINT0117784	chr4	1.3E+08	1.3E+08	+	0.012974
Pef1	MmuINT0117785	chr4	1.3E+08	1.3E+08	+	0.016908
Pef1	MmuINT0117786	chr4	1.3E+08	1.3E+08	+	0.02169
Pef1	MmuINT0117787	chr4	1.3E+08	1.3E+08	+	0.023108
Peli1	MmuINT0117797	chr11	20991682	21036048	+	0.03717
Peli1	MmuINT0117798	chr11	21036189	21040566	+	0.021465
Peli1	MmuINT0117799	chr11	21040697	21042558	+	0.034746
Peli1	MmuINT0117800	chr11	21042661	21046917	+	0.04685
Peli1	MmuINT0117801	chr11	21047116	21047260	+	0.031466
Peli1	MmuINT0117802	chr11	21047450	21047959	+	0.018912
Peli2	MmuINT0117803	chr14	48740909	48787871	+	0.048352
Peli2	MmuINT0117804	chr14	48788002	48859884	+	0.026237
Peli2	MmuINT0117805	chr14	48859987	48870184	+	0.04459
Peli2	MmuINT0117806	chr14	48870380	48872251	+	0.02091
Peli2	MmuINT0117807	chr14	48872441	48875690	+	0.030879
Pelo	MmuINT0117814	chr13	1.16E+08	1.16E+08	-	0.020846
Pelp1	MmuINT0117815	chr11	70219824	70223265	-	0.017579
Pelp1	MmuINT0117816	chr11	70210437	70210516	-	0.023831
Pelp1	MmuINT0117817	chr11	70210206	70210319	-	0.009601
Pelp1	MmuINT0117818	chr11	70209948	70210057	-	0.011869
Pelp1	MmuINT0117819	chr11	70209218	70209787	-	0.018066
Pelp1	MmuINT0117820	chr11	70209011	70209161	-	0.026042
Pelp1	MmuINT0117821	chr11	70208695	70208803	-	0.01195
Pelp1	MmuINT0117822	chr11	70206525	70207263	-	0.01873
Pelp1	MmuINT0117823	chr11	70219235	70219758	-	0.038434
Pelp1	MmuINT0117824	chr11	70215569	70219128	-	0.016239
Pelp1	MmuINT0117825	chr11	70215224	70215418	-	0.018004
Pelp1	MmuINT0117826	chr11	70212043	70215151	-	0.026186
Pelp1	MmuINT0117827	chr11	70211719	70211982	-	0.017582
Pelp1	MmuINT0117828	chr11	70211275	70211567	-	0.020386
Pelp1	MmuINT0117829	chr11	70211040	70211144	-	0.016349
Pelp1	MmuINT0117830	chr11	70210606	70210951	-	0.019493
Pemt	MmuINT0117832	chr11	59797061	59845214	-	0.037484
Pemt	MmuINT0117833	chr11	59790487	59796944	-	0.060462
Pemt	MmuINT0117835	chr11	59784761	59787569	-	0.057413

Pemt	MmuINT0117836	chr11	59784378	59784685	-	0.052193
Peo1	MmuINT0117838	chr19	45082866	45083769	+	0.095757
Peo1	MmuINT0117839	chr19	45084011	45084621	+	0.014924
Peo1	MmuINT0117840	chr19	45084730	45084907	+	0.025031
Peo1	MmuINT0117841	chr19	45085050	45086073	+	0.017533
Pepd	MmuINT0117842	chr7	35697474	35706347	+	0.016029
Pepd	MmuINT0117843	chr7	35806053	35806711	+	0.010604
Pepd	MmuINT0117844	chr7	35806790	35816361	+	0.010099
Pepd	MmuINT0117845	chr7	35816511	35825689	+	0.022169
Pepd	MmuINT0117846	chr7	35825875	35828708	+	0.03296
Pepd	MmuINT0117847	chr7	35828901	35829249	+	0.008104
Pepd	MmuINT0117848	chr7	35706532	35709399	+	0.006893
Pepd	MmuINT0117849	chr7	35709528	35719700	+	0.012601
Pepd	MmuINT0117850	chr7	35719765	35727657	+	0.019252
Pepd	MmuINT0117851	chr7	35727706	35730605	+	0.013233
Pepd	MmuINT0117852	chr7	35730668	35739576	+	0.01159
Pepd	MmuINT0117853	chr7	35739622	35754523	+	0.012112
Pepd	MmuINT0117854	chr7	35754600	35756675	+	0.014494
Pepd	MmuINT0117855	chr7	35756723	35805983	+	0.021384
Per1	MmuINT0117857	chr11	68912511	68914010	+	0.035605
Per1	MmuINT0117858	chr11	68916434	68916605	+	0.027355
Per1	MmuINT0117859	chr11	68916760	68916854	+	0.005303
Per1	MmuINT0117860	chr11	68916964	68917050	+	0.010059
Per1	MmuINT0117861	chr11	68917183	68917343	+	0.0561
Per1	MmuINT0117862	chr11	68917450	68917532	+	0.011307
Per1	MmuINT0117863	chr11	68917705	68917792	+	0.006416
Per1	MmuINT0117864	chr11	68917924	68918135	+	0.020071
Per1	MmuINT0117865	chr11	68918316	68918891	+	0.038245
Per1	MmuINT0117866	chr11	68919126	68919954	+	0.196535
Per1	MmuINT0117867	chr11	68920572	68921034	+	0.088891
Per1	MmuINT0117868	chr11	68914419	68914506	+	0.005388
Per1	MmuINT0117869	chr11	68921222	68921362	+	0.063191
Per1	MmuINT0117870	chr11	68921553	68921862	+	0.023097
Per1	MmuINT0117871	chr11	68922014	68922582	+	0.065479
Per1	MmuINT0117872	chr11	68914606	68914697	+	0.006914
Per1	MmuINT0117873	chr11	68914853	68914952	+	0.015814
Per1	MmuINT0117874	chr11	68915075	68915176	+	0.005652
Per1	MmuINT0117875	chr11	68915379	68915488	+	0.008379
Per1	MmuINT0117876	chr11	68915541	68915665	+	0.015283
Per1	MmuINT0117877	chr11	68915809	68916175	+	0.015883
Per1	MmuINT0117878	chr11	68916255	68916326	+	0.006679
Per2	MmuINT0117881	chr1	93331308	93331593	-	0.045071
Per2	MmuINT0117886	chr1	93326126	93327350	-	0.025564
Per2	MmuINT0117888	chr1	93321064	93324315	-	0.087861
Per2	MmuINT0117889	chr1	93318132	93320266	-	0.078871
Per2	MmuINT0117891	chr1	93317176	93317944	-	0.080242
Per2	MmuINT0117892	chr1	93316103	93316982	-	0.222889
Per2	MmuINT0117893	chr1	93314598	93315951	-	0.074791
Per3	MmuINT0117902	chr4	1.5E+08	1.5E+08	-	0.034567
Per3	MmuINT0117908	chr4	1.5E+08	1.5E+08	-	0.026313

Per3	MmuINT0117909	chr4	1.5E+08	1.5E+08	-	0.077294
Per3	MmuINT0117912	chr4	1.5E+08	1.5E+08	-	0.033808
Per3	MmuINT0117913	chr4	1.5E+08	1.5E+08	-	0.750406
Perp	MmuINT0117921	chr10	18565213	18573342	+	0.001691
Perp	MmuINT0117922	chr10	18573484	18575455	+	0.001949
Pes1	MmuINT0117923	chr11	3864064	3868265	+	0.003977
Pes1	MmuINT0117926	chr11	3877204	3877628	+	0.001453
Pes1	MmuINT0117930	chr11	3869590	3870627	+	0.001743
Pet112l	MmuINT0117937	chr3	85378242	85379785	+	0.004412
Pet112l	MmuINT0117938	chr3	85440980	85448891	+	0.00513
Pet112l	MmuINT0117939	chr3	85448971	85456202	+	0.004366
Pet112l	MmuINT0117940	chr3	85456338	85457645	+	0.009849
Pet112l	MmuINT0117941	chr3	85379937	85405781	+	0.006006
Pet112l	MmuINT0117942	chr3	85405896	85408302	+	0.004821
Pet112l	MmuINT0117943	chr3	85408502	85408936	+	0.007632
Pet112l	MmuINT0117944	chr3	85409060	85415273	+	0.003615
Pet112l	MmuINT0117945	chr3	85415388	85417384	+	0.00407
Pet112l	MmuINT0117947	chr3	85420582	85422745	+	0.004197
Pet112l	MmuINT0117948	chr3	85422936	85440845	+	0.003741
Pex1	MmuINT0117962	chr5	3620766	3622232	+	0.053979
Pex1	MmuINT0117963	chr5	3622388	3623940	+	0.028701
Pex1	MmuINT0117964	chr5	3624131	3624419	+	0.024649
Pex1	MmuINT0117965	chr5	3624587	3625999	+	0.019219
Pex1	MmuINT0117966	chr5	3626135	3627517	+	0.103337
Pex1	MmuINT0117967	chr5	3627583	3629969	+	0.230345
Pex1	MmuINT0117968	chr5	3630113	3630188	+	0.175809
Pex1	MmuINT0117969	chr5	3630293	3631588	+	0.315905
Pex1	MmuINT0117970	chr5	3631766	3633715	+	0.175232
Pex1	MmuINT0117971	chr5	3603376	3604795	+	0.042306
Pex1	MmuINT0117972	chr5	3633947	3635314	+	0.258721
Pex1	MmuINT0117973	chr5	3635513	3635779	+	0.074266
Pex1	MmuINT0117974	chr5	3635911	3636770	+	0.088302
Pex1	MmuINT0117975	chr5	3604880	3605433	+	0.050434
Pex1	MmuINT0117976	chr5	3605549	3605646	+	0.023766
Pex1	MmuINT0117980	chr5	3612964	3615074	+	0.039265
Pex1	MmuINT0117981	chr5	3615208	3618816	+	0.05098
Pex10	MmuINT0117982	chr4	1.54E+08	1.54E+08	+	0.044532
Pex10	MmuINT0117983	chr4	1.54E+08	1.54E+08	+	0.045299
Pex10	MmuINT0117984	chr4	1.54E+08	1.54E+08	+	0.124734
Pex10	MmuINT0117985	chr4	1.54E+08	1.54E+08	+	0.021506
Pex10	MmuINT0117986	chr4	1.54E+08	1.54E+08	+	0.02454
Pex11a	MmuINT0117987	chr7	86885167	86887795	-	0.089119
Pex11a	MmuINT0117988	chr7	86882797	86885050	-	0.034389
Pex11b	MmuINT0117989	chr3	96447939	96448358	+	0.774994
Pex11b	MmuINT0117991	chr3	96439667	96440596	+	0.01006
Pex11b	MmuINT0117992	chr3	96440713	96441053	+	0.022063
Pex11c	MmuINT0117993	chr8	3465972	3467571	-	0.045602
Pex11c	MmuINT0117994	chr8	3464101	3465782	-	0.025026
Pex11c	MmuINT0117995	chr8	3460335	3463921	-	0.054496
Pex11c	MmuINT0117996	chr8	3459435	3460271	-	0.078298

Pex12	MmuINT0117997	chr11	83112056	83112341	-	0.769882
Pex12	MmuINT0117998	chr11	83111544	83111817	-	0.068651
Pex12	MmuINT0117999	chr11	83109943	83110989	-	0.020369
Pex13	MmuINT0118000	chr11	23556131	23565746	-	0.056586
Pex13	MmuINT0118001	chr11	23551056	23555435	-	0.004514
Pex13	MmuINT0118002	chr11	23549591	23550929	-	0.013267
Pex14	MmuINT0118003	chr4	1.48E+08	1.48E+08	-	0.01766
Pex14	MmuINT0118004	chr4	1.48E+08	1.48E+08	-	0.008992
Pex14	MmuINT0118005	chr4	1.48E+08	1.48E+08	-	0.00768
Pex14	MmuINT0118006	chr4	1.48E+08	1.48E+08	-	0.019503
Pex14	MmuINT0118007	chr4	1.48E+08	1.48E+08	-	0.042848
Pex14	MmuINT0118008	chr4	1.48E+08	1.48E+08	-	0.061557
Pex14	MmuINT0118009	chr4	1.48E+08	1.48E+08	-	0.126327
Pex14	MmuINT0118010	chr4	1.48E+08	1.48E+08	-	0.126287
Pex16	MmuINT0118012	chr2	92214979	92216027	+	0.31102
Pex16	MmuINT0118013	chr2	92220632	92221192	+	0.10182
Pex16	MmuINT0118014	chr2	92216064	92216783	+	0.00909
Pex16	MmuINT0118015	chr2	92216861	92217586	+	0.012823
Pex16	MmuINT0118016	chr2	92217721	92217847	+	0.016672
Pex16	MmuINT0118017	chr2	92217949	92218749	+	0.008624
Pex16	MmuINT0118018	chr2	92218831	92218952	+	0.010648
Pex16	MmuINT0118019	chr2	92219106	92219190	+	0.01932
Pex16	MmuINT0118020	chr2	92219264	92219372	+	0.008403
Pex16	MmuINT0118021	chr2	92219493	92220566	+	0.033393
Pex19	MmuINT0118023	chr1	1.74E+08	1.74E+08	+	0.001735
Pex19	MmuINT0118024	chr1	1.74E+08	1.74E+08	+	0.004945
Pex19	MmuINT0118025	chr1	1.74E+08	1.74E+08	+	0.002612
Pex19	MmuINT0118026	chr1	1.74E+08	1.74E+08	+	0.003144
Pex19	MmuINT0118027	chr1	1.74E+08	1.74E+08	+	0.016348
Pex19	MmuINT0118028	chr1	1.74E+08	1.74E+08	+	0.016835
Pex19	MmuINT0118029	chr1	1.74E+08	1.74E+08	+	0.011128
Pex3	MmuINT0118034	chr10	13266288	13272631	-	0.006379
Pex3	MmuINT0118035	chr10	13247644	13251063	-	0.014183
Pex3	MmuINT0118037	chr10	13262512	13266155	-	0.008328
Pex3	MmuINT0118038	chr10	13257281	13262429	-	0.012739
Pex3	MmuINT0118039	chr10	13255874	13257236	-	0.047726
Pex3	MmuINT0118040	chr10	13255582	13255748	-	0.02681
Pex3	MmuINT0118041	chr10	13255416	13255514	-	0.018568
Pex3	MmuINT0118042	chr10	13254644	13255360	-	0.010225
Pex3	MmuINT0118043	chr10	13252217	13254477	-	0.011726
Pex3	MmuINT0118044	chr10	13251187	13252145	-	0.013194
Pex5	MmuINT0118046	chr6	1.24E+08	1.24E+08	-	0.022093
Pex5	MmuINT0118047	chr6	1.24E+08	1.24E+08	-	0.014377
Pex5	MmuINT0118048	chr6	1.24E+08	1.24E+08	-	0.047778
Pex5	MmuINT0118049	chr6	1.24E+08	1.24E+08	-	0.011517
Pex5	MmuINT0118050	chr6	1.24E+08	1.24E+08	-	0.017415
Pex5	MmuINT0118051	chr6	1.24E+08	1.24E+08	-	0.008591
Pex5	MmuINT0118052	chr6	1.24E+08	1.24E+08	-	0.016921
Pex5	MmuINT0118053	chr6	1.24E+08	1.24E+08	-	0.033871
Pex5	MmuINT0118054	chr6	1.24E+08	1.24E+08	-	0.008981

Pex5	MmuINT0118055	chr6	1.24E+08	1.24E+08	-	0.016688
Pex5	MmuINT0118056	chr6	1.24E+08	1.24E+08	-	0.007619
Pex5	MmuINT0118057	chr6	1.24E+08	1.24E+08	-	0.109985
Pex5	MmuINT0118058	chr6	1.24E+08	1.24E+08	-	0.072993
Pex5	MmuINT0118059	chr6	1.24E+08	1.24E+08	-	0.008688
Pex6	MmuINT0118078	chr17	46849334	46850856	+	0.046824
Pex6	MmuINT0118079	chr17	46860194	46860272	+	0.003727
Pex6	MmuINT0118080	chr17	46860479	46860622	+	0.004821
Pex6	MmuINT0118081	chr17	46860685	46860867	+	0.082628
Pex6	MmuINT0118082	chr17	46860977	46861339	+	0.032387
Pex6	MmuINT0118083	chr17	46861457	46861575	+	0.018231
Pex6	MmuINT0118084	chr17	46861654	46861773	+	0.027997
Pex6	MmuINT0118085	chr17	46861914	46862136	+	0.006651
Pex6	MmuINT0118086	chr17	46851021	46851409	+	0.004537
Pex6	MmuINT0118087	chr17	46851494	46857276	+	0.016151
Pex6	MmuINT0118088	chr17	46857380	46857460	+	0.023921
Pex6	MmuINT0118089	chr17	46857595	46858131	+	0.020218
Pex6	MmuINT0118090	chr17	46858244	46858618	+	0.012936
Pex6	MmuINT0118091	chr17	46858828	46859192	+	0.005848
Pex6	MmuINT0118092	chr17	46859389	46859570	+	0.015075
Pex6	MmuINT0118093	chr17	46859648	46860060	+	0.007164
Pex7	MmuINT0118095	chr10	19625709	19627264	-	0.006416
Pex7	MmuINT0118096	chr10	19624520	19625650	-	0.005923
Pex7	MmuINT0118097	chr10	19614609	19624368	-	0.00699
Pex7	MmuINT0118098	chr10	19614165	19614530	-	0.006458
Pex7	MmuINT0118099	chr10	19608569	19614055	-	0.004133
Pex7	MmuINT0118100	chr10	19606980	19608461	-	0.005597
Pex7	MmuINT0118101	chr10	19604640	19606865	-	0.0053
Pex7	MmuINT0118102	chr10	19589200	19604583	-	0.009021
Pex7	MmuINT0118103	chr10	19580801	19589099	-	0.034222
Pf4	MmuINT0118104	chr5	91201705	91201937	+	0.019168
Pf4	MmuINT0118105	chr5	91202071	91202198	+	0.014754
Pfas	MmuINT0118107	chr11	68811295	68811414	-	0.036325
Pfas	MmuINT0118108	chr11	68807834	68811165	-	0.040175
Pfas	MmuINT0118109	chr11	68807467	68807759	-	0.038471
Pfas	MmuINT0118112	chr11	68806541	68806798	-	0.057759
Pfas	MmuINT0118113	chr11	68806289	68806417	-	0.036017
Pfas	MmuINT0118115	chr11	68805539	68805681	-	0.043242
Pfas	MmuINT0118118	chr11	68804996	68805186	-	0.031926
Pfas	MmuINT0118119	chr11	68804662	68804839	-	0.04486
Pfas	MmuINT0118120	chr11	68804321	68804541	-	0.214395
Pfas	MmuINT0118121	chr11	68804078	68804174	-	0.079699
Pfas	MmuINT0118122	chr11	68803764	68803869	-	0.038416
Pfas	MmuINT0118123	chr11	68803588	68803671	-	0.031019
Pfas	MmuINT0118124	chr11	68802193	68803472	-	0.034894
Pfas	MmuINT0118125	chr11	68801776	68801868	-	0.024014
Pfas	MmuINT0118128	chr11	68814482	68814608	-	0.033239
Pfas	MmuINT0118129	chr11	68814092	68814375	-	0.044753
Pfdn1	MmuINT0118133	chr18	36610901	36614106	-	0.001176
Pfdn1	MmuINT0118134	chr18	36592045	36610733	-	0.000464

Pfdn1	MmuINT0118135	chr18	36564115	36591959	-	0.001386
Pfdn2	MmuINT0118136	chr1	1.73E+08	1.73E+08	+	0.010551
Pfdn2	MmuINT0118137	chr1	1.73E+08	1.73E+08	+	0.001936
Pfdn2	MmuINT0118138	chr1	1.73E+08	1.73E+08	+	0.012059
Pfdn4	MmuINT0118139	chr2	1.7E+08	1.7E+08	+	0.044121
Pfdn4	MmuINT0118140	chr2	1.7E+08	1.7E+08	+	0.017872
Pfdn4	MmuINT0118141	chr2	1.7E+08	1.7E+08	+	0.006765
Pfdn5	MmuINT0118144	chr15	1.02E+08	1.02E+08	+	0.003141
Pfdn5	MmuINT0118145	chr15	1.02E+08	1.02E+08	+	0.000119
Pfkfb1	MmuINT0118148	chrX	1.47E+08	1.47E+08	+	0.105142
Pfkfb1	MmuINT0118149	chrX	1.47E+08	1.47E+08	+	0.039635
Pfkfb1	MmuINT0118150	chrX	1.47E+08	1.47E+08	+	0.042545
Pfkfb1	MmuINT0118151	chrX	1.47E+08	1.47E+08	+	0.031714
Pfkfb1	MmuINT0118153	chrX	1.47E+08	1.47E+08	+	0.068311
Pfkfb1	MmuINT0118156	chrX	1.47E+08	1.47E+08	+	0.041311
Pfkfb1	MmuINT0118157	chrX	1.47E+08	1.47E+08	+	0.266924
Pfkfb1	MmuINT0118158	chrX	1.47E+08	1.47E+08	+	0.035812
Pfkfb1	MmuINT0118159	chrX	1.47E+08	1.47E+08	+	0.021681
Pfkfb2	MmuINT0118162	chr1	1.33E+08	1.33E+08	-	0.051189
Pfkfb2	MmuINT0118163	chr1	1.33E+08	1.33E+08	-	0.004009
Pfkfb2	MmuINT0118164	chr1	1.33E+08	1.33E+08	-	0.003324
Pfkfb2	MmuINT0118165	chr1	1.33E+08	1.33E+08	-	0.011289
Pfkfb2	MmuINT0118166	chr1	1.33E+08	1.33E+08	-	0.014927
Pfkfb2	MmuINT0118167	chr1	1.33E+08	1.33E+08	-	0.043144
Pfkfb2	MmuINT0118168	chr1	1.33E+08	1.33E+08	-	0.015347
Pfkfb2	MmuINT0118169	chr1	1.33E+08	1.33E+08	-	0.054048
Pfkfb2	MmuINT0118170	chr1	1.33E+08	1.33E+08	-	0.071434
Pfkfb2	MmuINT0118171	chr1	1.33E+08	1.33E+08	-	0.017429
Pfkfb2	MmuINT0118172	chr1	1.33E+08	1.33E+08	-	0.005136
Pfkfb2	MmuINT0118173	chr1	1.33E+08	1.33E+08	-	0.004628
Pfkfb2	MmuINT0118174	chr1	1.33E+08	1.33E+08	-	0.04345
Pfkfb2	MmuINT0118175	chr1	1.33E+08	1.33E+08	-	0.035558
Pfkfb3	MmuINT0118177	chr2	11415656	11423251	-	0.044389
Pfkfb3	MmuINT0118178	chr2	11404202	11405555	-	0.051598
Pfkfb3	MmuINT0118179	chr2	11403744	11404071	-	0.059478
Pfkfb3	MmuINT0118180	chr2	11403563	11403680	-	0.077047
Pfkfb3	MmuINT0118187	chr2	11411984	11414186	-	0.043301
Pfkfb3	MmuINT0118189	chr2	11410410	11411297	-	0.056635
Pfkfb3	MmuINT0118190	chr2	11407971	11410352	-	0.052344
Pfkfb3	MmuINT0118191	chr2	11406490	11407845	-	0.052613
Pfkfb3	MmuINT0118192	chr2	11405979	11406281	-	0.048258
Pfkfb3	MmuINT0118193	chr2	11405661	11405831	-	0.041373
Pfkfb4	MmuINT0118199	chr9	1.09E+08	1.09E+08	+	0.319998
Pfkfb4	MmuINT0118201	chr9	1.09E+08	1.09E+08	+	0.087455
Pfkfb4	MmuINT0118202	chr9	1.09E+08	1.09E+08	+	0.143385
Pfkl	MmuINT0118211	chr10	77468260	77472343	-	0.002028
Pfkl	MmuINT0118212	chr10	77456946	77457988	-	0.002572
Pfkl	MmuINT0118213	chr10	77456191	77456880	-	0.003733
Pfkl	MmuINT0118214	chr10	77455284	77456126	-	0.004077
Pfkl	MmuINT0118215	chr10	77454832	77455136	-	0.006361

Pfkl	MmuINT0118216	chr10	77454187	77454760	-	0.002811
Pfkl	MmuINT0118217	chr10	77453570	77454098	-	0.005081
Pfkl	MmuINT0118218	chr10	77453052	77453416	-	0.001191
Pfkl	MmuINT0118219	chr10	77452697	77452886	-	0.001775
Pfkl	MmuINT0118220	chr10	77452423	77452634	-	0.001918
Pfkl	MmuINT0118221	chr10	77451710	77452310	-	0.002196
Pfkl	MmuINT0118222	chr10	77464833	77468185	-	0.004584
Pfkl	MmuINT0118223	chr10	77451526	77451609	-	0.001332
Pfkl	MmuINT0118224	chr10	77451103	77451419	-	0.001413
Pfkl	MmuINT0118225	chr10	77464246	77464754	-	0.001936
Pfkl	MmuINT0118226	chr10	77463587	77464055	-	0.00204
Pfkl	MmuINT0118227	chr10	77462925	77463420	-	0.002119
Pfkl	MmuINT0118228	chr10	77462680	77462879	-	0.003973
Pfkl	MmuINT0118229	chr10	77460365	77462570	-	0.004083
Pfkl	MmuINT0118230	chr10	77459158	77460268	-	0.039975
Pfkl	MmuINT0118231	chr10	77458115	77459064	-	0.001817
Pfkm	MmuINT0118232	chr15	97954353	97955456	+	0.001603
Pfkm	MmuINT0118233	chr15	97955522	97955980	+	0.003527
Pfkm	MmuINT0118234	chr15	97956045	97956734	+	0.001644
Pfkm	MmuINT0118235	chr15	97956885	97957283	+	0.001527
Pfkm	MmuINT0118236	chr15	97957355	97957868	+	0.005027
Pfkm	MmuINT0118237	chr15	97957957	97958037	+	0.004349
Pfkm	MmuINT0118238	chr15	97958191	97958609	+	0.001201
Pfkm	MmuINT0118239	chr15	97958775	97959696	+	0.001864
Pfkm	MmuINT0118240	chr15	97959759	97960152	+	0.003469
Pfkm	MmuINT0118241	chr15	97960265	97961849	+	0.008583
Pfkm	MmuINT0118242	chr15	97948687	97949823	+	0.000386
Pfkm	MmuINT0118243	chr15	97961950	97962032	+	0.00068
Pfkm	MmuINT0118244	chr15	97962139	97962345	+	0.002506
Pfkm	MmuINT0118245	chr15	97949902	97951221	+	0.00049
Pfkm	MmuINT0118246	chr15	97951412	97951627	+	0.000242
Pfkm	MmuINT0118247	chr15	97951794	97952649	+	0.001346
Pfkm	MmuINT0118248	chr15	97952695	97953060	+	0.021113
Pfkm	MmuINT0118249	chr15	97953170	97953282	+	0.000333
Pfkm	MmuINT0118250	chr15	97953379	97953576	+	0.009455
Pfkm	MmuINT0118251	chr15	97953670	97954226	+	0.001312
Pfkp	MmuINT0118252	chr13	6635245	6647816	-	0.004534
Pfkp	MmuINT0118253	chr13	6602710	6604201	-	0.003823
Pfkp	MmuINT0118254	chr13	6602395	6602644	-	0.006663
Pfkp	MmuINT0118255	chr13	6602106	6602324	-	0.00649
Pfkp	MmuINT0118256	chr13	6599913	6601958	-	0.00549
Pfkp	MmuINT0118257	chr13	6598073	6599841	-	0.006754
Pfkp	MmuINT0118258	chr13	6597258	6597984	-	0.020715
Pfkp	MmuINT0118259	chr13	6587900	6597104	-	0.045777
Pfkp	MmuINT0118260	chr13	6586360	6587734	-	0.01293
Pfkp	MmuINT0118261	chr13	6585838	6586297	-	0.008675
Pfkp	MmuINT0118262	chr13	6583947	6585725	-	0.015384
Pfkp	MmuINT0118263	chr13	6624460	6635170	-	0.012355
Pfkp	MmuINT0118264	chr13	6581752	6583846	-	0.008733
Pfkp	MmuINT0118265	chr13	6580839	6581648	-	0.009877

Pfkp	MmuINT0118266	chr13	6621343	6624381	-	0.005959
Pfkp	MmuINT0118267	chr13	6620298	6621152	-	0.003873
Pfkp	MmuINT0118268	chr13	6618811	6620131	-	0.007298
Pfkp	MmuINT0118269	chr13	6618530	6618765	-	0.005731
Pfkp	MmuINT0118270	chr13	6614046	6618420	-	0.004417
Pfkp	MmuINT0118271	chr13	6604975	6613949	-	0.007046
Pfkp	MmuINT0118272	chr13	6604328	6604881	-	0.0044
Pfn1	MmuINT0118273	chr11	70466482	70467850	-	0.019248
Pfn1	MmuINT0118274	chr11	70465724	70466288	-	0.001245
Pfn2	MmuINT0118275	chr3	57649289	57651272	-	0.011252
Pfn2	MmuINT0118276	chr3	57647237	57649095	-	0.018002
Pgam2	MmuINT0118292	chr11	5703183	5703277	-	0.002889
Pgam2	MmuINT0118293	chr11	5701843	5703001	-	0.00226
Pgam5	MmuINT0118295	chr5	1.11E+08	1.11E+08	-	0.010272
Pgam5	MmuINT0118296	chr5	1.11E+08	1.11E+08	-	0.00671
Pgam5	MmuINT0118297	chr5	1.11E+08	1.11E+08	-	0.005569
Pgam5	MmuINT0118298	chr5	1.11E+08	1.11E+08	-	0.022601
Pgap2	MmuINT0118325	chr7	1.09E+08	1.09E+08	+	0.145784
Pgap2	MmuINT0118326	chr7	1.09E+08	1.09E+08	+	0.006727
Pgap2	MmuINT0118327	chr7	1.09E+08	1.09E+08	+	0.018911
Pgap2	MmuINT0118328	chr7	1.09E+08	1.09E+08	+	0.034843
Pgap2	MmuINT0118329	chr7	1.09E+08	1.09E+08	+	0.398792
Pgap2	MmuINT0118330	chr7	1.09E+08	1.09E+08	+	0.007413
Pgap3	MmuINT0118331	chr11	98260297	98261528	-	0.024182
Pgap3	MmuINT0118332	chr11	98259363	98260198	-	0.032154
Pgap3	MmuINT0118333	chr11	98253072	98259209	-	0.044596
Pgap3	MmuINT0118334	chr11	98252456	98253008	-	0.071766
Pgap3	MmuINT0118335	chr11	98252128	98252393	-	0.063908
Pgap3	MmuINT0118336	chr11	98251806	98251990	-	0.023644
Pgap3	MmuINT0118337	chr11	98251416	98251600	-	0.024126
Pgcp	MmuINT0118358	chr15	33013078	33083913	+	0.720459
Pgcp	MmuINT0118360	chr15	33143019	33179680	+	0.007313
Pgcp	MmuINT0118361	chr15	33179889	33232094	+	0.00436
Pgcp	MmuINT0118362	chr15	33232303	33311090	+	0.018592
Pgcp	MmuINT0118363	chr15	33311203	33396380	+	0.004753
Pgcp	MmuINT0118364	chr15	33396473	33426917	+	0.007481
Pgcp	MmuINT0118365	chr15	33427120	33523848	+	0.004885
Pgd	MmuINT0118367	chr4	1.49E+08	1.49E+08	-	0.020678
Pgd	MmuINT0118368	chr4	1.49E+08	1.49E+08	-	0.013622
Pgd	MmuINT0118369	chr4	1.49E+08	1.49E+08	-	0.00933
Pgd	MmuINT0118370	chr4	1.49E+08	1.49E+08	-	0.006355
Pgd	MmuINT0118371	chr4	1.49E+08	1.49E+08	-	0.010286
Pgd	MmuINT0118372	chr4	1.49E+08	1.49E+08	-	0.014464
Pgd	MmuINT0118373	chr4	1.49E+08	1.49E+08	-	0.009292
Pgd	MmuINT0118374	chr4	1.49E+08	1.49E+08	-	0.020146
Pgd	MmuINT0118375	chr4	1.49E+08	1.49E+08	-	0.236445
Pgd	MmuINT0118376	chr4	1.49E+08	1.49E+08	-	0.007213
Pgd	MmuINT0118377	chr4	1.49E+08	1.49E+08	-	0.013039
Pgd	MmuINT0118378	chr4	1.49E+08	1.49E+08	-	0.010411
Pgf	MmuINT0118379	chr12	86516746	86517847	-	0.073326



Pgf	MmuINT0118380	chr12	86512807	86516705	-	0.15169
Pgf	MmuINT0118381	chr12	86512405	86512609	-	0.033349
Pgf	MmuINT0118382	chr12	86510491	86512324	-	0.170801
Pgf	MmuINT0118383	chr12	86510368	86510460	-	0.207547
Pgf	MmuINT0118384	chr12	86508365	86510307	-	0.085438
Pggt1b	MmuINT0118385	chr18	46434363	46440333	-	0.012925
Pggt1b	MmuINT0118386	chr18	46422612	46434243	-	0.046946
Pggt1b	MmuINT0118387	chr18	46419410	46422543	-	0.015058
Pggt1b	MmuINT0118388	chr18	46417872	46419257	-	0.014083
Pggt1b	MmuINT0118389	chr18	46413979	46417738	-	0.019851
Pggt1b	MmuINT0118390	chr18	46408710	46413932	-	0.04941
Pggt1b	MmuINT0118391	chr18	46406325	46408524	-	0.021482
Pggt1b	MmuINT0118392	chr18	46401356	46406215	-	0.013145
Pgls	MmuINT0118403	chr8	74116404	74117982	+	0.029419
Pgls	MmuINT0118404	chr8	74118091	74118567	+	0.006998
Pgls	MmuINT0118405	chr8	74118670	74118959	+	0.004242
Pgls	MmuINT0118406	chr8	74119101	74119955	+	0.015018
Pgm1	MmuINT0118425	chr5	64484328	64488217	+	0.073671
Pgm1	MmuINT0118426	chr5	64499503	64501754	+	0.058396
Pgm1	MmuINT0118427	chr5	64501885	64503246	+	0.049826
Pgm1	MmuINT0118428	chr5	64503437	64507538	+	0.167228
Pgm1	MmuINT0118429	chr5	64507673	64519015	+	0.044174
Pgm1	MmuINT0118430	chr5	64488386	64492185	+	0.040717
Pgm1	MmuINT0118432	chr5	64494178	64494615	+	0.105303
Pgm1	MmuINT0118434	chr5	64495147	64496993	+	0.061373
Pgm1	MmuINT0118435	chr5	64497184	64497846	+	0.069115
Pgm1	MmuINT0118436	chr5	64497945	64498907	+	0.043702
Pgm1	MmuINT0118437	chr5	64499089	64499408	+	0.034827
Pgm2	MmuINT0118438	chr4	99602417	99634060	+	0.006922
Pgm2	MmuINT0118439	chr4	99656709	99659279	+	0.002235
Pgm2	MmuINT0118440	chr4	99634224	99634648	+	0.000718
Pgm2	MmuINT0118441	chr4	99634796	99636122	+	0.000454
Pgm2	MmuINT0118442	chr4	99636249	99637279	+	0.000892
Pgm2	MmuINT0118443	chr4	99637471	99639663	+	0.003096
Pgm2	MmuINT0118444	chr4	99639819	99642591	+	0.001818
Pgm2	MmuINT0118445	chr4	99642708	99651469	+	0.001171
Pgm2	MmuINT0118446	chr4	99651606	99654488	+	0.000482
Pgm2	MmuINT0118447	chr4	99654673	99656573	+	0.001745
Pgm2l1	MmuINT0118451	chr7	1.07E+08	1.07E+08	+	0.093908
Pgm2l1	MmuINT0118452	chr7	1.07E+08	1.07E+08	+	0.061308
Pgm2l1	MmuINT0118458	chr7	1.07E+08	1.07E+08	+	0.070763
Pgm2l1	MmuINT0118459	chr7	1.07E+08	1.07E+08	+	0.050843
Pgm3	MmuINT0118462	chr9	86464015	86465336	-	0.05374
Pgm3	MmuINT0118463	chr9	86451233	86452001	-	0.047121
Pgm3	MmuINT0118464	chr9	86449973	86451109	-	0.035491
Pgm3	MmuINT0118465	chr9	86463003	86463808	-	0.0351
Pgm3	MmuINT0118466	chr9	86461184	86462817	-	0.04039
Pgm3	MmuINT0118467	chr9	86459339	86461115	-	0.050201
Pgm3	MmuINT0118468	chr9	86458480	86459204	-	0.050189
Pgm3	MmuINT0118469	chr9	86456301	86458283	-	0.059769

Pgm3	MmuINT0118470	chr9	86455512	86456142	-	0.045295
Pgm3	MmuINT0118471	chr9	86453121	86455427	-	0.095939
Pgm3	MmuINT0118472	chr9	86452116	86453021	-	0.053311
Pgm5	MmuINT0118473	chr19	24909396	24936018	-	0.001671
Pgm5	MmuINT0118474	chr19	24759065	24783717	-	0.001913
Pgm5	MmuINT0118475	chr19	24898929	24909232	-	0.001509
Pgm5	MmuINT0118476	chr19	24894736	24898781	-	0.001847
Pgm5	MmuINT0118477	chr19	24891092	24894609	-	0.00196
Pgm5	MmuINT0118478	chr19	24890303	24890900	-	0.001808
Pgm5	MmuINT0118479	chr19	24824971	24890147	-	0.002042
Pgm5	MmuINT0118480	chr19	24808168	24824854	-	0.001435
Pgm5	MmuINT0118481	chr19	24802343	24808031	-	0.001303
Pgm5	MmuINT0118482	chr19	24783853	24802158	-	0.00235
Pgp	MmuINT0118483	chr17	24608095	24608186	+	0.194644
Pgpep1	MmuINT0118484	chr8	73181380	73183508	-	0.030247
Pgpep1	MmuINT0118485	chr8	73176421	73181326	-	0.015987
Pgpep1	MmuINT0118486	chr8	73175314	73176303	-	0.005286
Pgpep1	MmuINT0118487	chr8	73174685	73175080	-	0.010104
Pgrmc1	MmuINT0118502	chrX	34138610	34142115	+	0.027923
Pgrmc1	MmuINT0118503	chrX	34142272	34144782	+	0.012503
Pgrmc2	MmuINT0118504	chr3	40874358	40886516	-	0.009125
Pgrmc2	MmuINT0118505	chr3	40872647	40874201	-	0.007042
Pgs1	MmuINT0118506	chr11	1.18E+08	1.18E+08	+	0.012442
Pgs1	MmuINT0118507	chr11	1.18E+08	1.18E+08	+	0.008975
Pgs1	MmuINT0118508	chr11	1.18E+08	1.18E+08	+	0.0111
Pgs1	MmuINT0118509	chr11	1.18E+08	1.18E+08	+	0.008172
Pgs1	MmuINT0118510	chr11	1.18E+08	1.18E+08	+	0.006682
Pgs1	MmuINT0118511	chr11	1.18E+08	1.18E+08	+	0.030769
Pgs1	MmuINT0118512	chr11	1.18E+08	1.18E+08	+	0.085102
Pgs1	MmuINT0118513	chr11	1.18E+08	1.18E+08	+	0.03389
Phactr2	MmuINT0118526	chr10	13011769	13043869	-	0.010084
Phactr2	MmuINT0118527	chr10	12944667	12952344	-	0.005076
Phactr2	MmuINT0118528	chr10	12934080	12944589	-	0.00675
Phactr2	MmuINT0118529	chr10	12986860	13011600	-	0.004649
Phactr2	MmuINT0118530	chr10	12981731	12986778	-	0.006171
Phactr2	MmuINT0118531	chr10	12973686	12981571	-	0.210001
Phactr2	MmuINT0118532	chr10	12967002	12973147	-	0.003255
Phactr2	MmuINT0118533	chr10	12965374	12966807	-	0.011803
Phactr2	MmuINT0118534	chr10	12959772	12965216	-	0.004748
Phactr2	MmuINT0118535	chr10	12954018	12959715	-	0.008711
Phactr2	MmuINT0118536	chr10	12952483	12953955	-	0.027956
Phactr3	MmuINT0118554	chr2	1.78E+08	1.78E+08	+	0.971448
Phactr4	MmuINT0118556	chr4	1.32E+08	1.32E+08	-	0.027348
Phactr4	MmuINT0118557	chr4	1.32E+08	1.32E+08	-	0.085323
Phactr4	MmuINT0118558	chr4	1.32E+08	1.32E+08	-	0.038632
Phactr4	MmuINT0118559	chr4	1.32E+08	1.32E+08	-	0.023695
Phactr4	MmuINT0118560	chr4	1.32E+08	1.32E+08	-	0.033733
Phactr4	MmuINT0118561	chr4	1.32E+08	1.32E+08	-	0.034508
Phactr4	MmuINT0118562	chr4	1.32E+08	1.32E+08	-	0.057328
Phactr4	MmuINT0118563	chr4	1.32E+08	1.32E+08	-	0.058273

Phactr4	MmuINT0118564	chr4	1.32E+08	1.32E+08	-	0.015018
Phactr4	MmuINT0118565	chr4	1.32E+08	1.32E+08	-	0.059979
Phactr4	MmuINT0118566	chr4	1.32E+08	1.32E+08	-	0.048676
Phactr4	MmuINT0118567	chr4	1.32E+08	1.32E+08	-	0.055013
Phactr4	MmuINT0118568	chr4	1.32E+08	1.32E+08	-	0.019609
Phax	MmuINT0118570	chr18	56735703	56739833	+	0.007667
Phax	MmuINT0118571	chr18	56739955	56743944	+	0.008064
Phax	MmuINT0118572	chr18	56744029	56746530	+	0.013791
Phb	MmuINT0118574	chr11	95528357	95529350	+	0.000193
Phb2	MmuINT0118580	chr6	1.25E+08	1.25E+08	+	0.005424
Phb2	MmuINT0118581	chr6	1.25E+08	1.25E+08	+	0.00677
Phb2	MmuINT0118582	chr6	1.25E+08	1.25E+08	+	0.011503
Phb2	MmuINT0118583	chr6	1.25E+08	1.25E+08	+	0.022669
Phb2	MmuINT0118584	chr6	1.25E+08	1.25E+08	+	0.000964
Phb2	MmuINT0118585	chr6	1.25E+08	1.25E+08	+	0.006164
Phb2	MmuINT0118586	chr6	1.25E+08	1.25E+08	+	0.00637
Phb2	MmuINT0118587	chr6	1.25E+08	1.25E+08	+	0.003837
Phc1	MmuINT0118589	chr6	1.22E+08	1.22E+08	-	0.018034
Phc1	MmuINT0118590	chr6	1.22E+08	1.22E+08	-	0.018321
Phc1	MmuINT0118591	chr6	1.22E+08	1.22E+08	-	0.016756
Phc1	MmuINT0118592	chr6	1.22E+08	1.22E+08	-	0.021185
Phc1	MmuINT0118593	chr6	1.22E+08	1.22E+08	-	0.012241
Phc1	MmuINT0118598	chr6	1.22E+08	1.22E+08	-	0.026544
Phc1	MmuINT0118599	chr6	1.22E+08	1.22E+08	-	0.043937
Phc1	MmuINT0118600	chr6	1.22E+08	1.22E+08	-	0.102189
Phc1	MmuINT0118601	chr6	1.22E+08	1.22E+08	-	0.022896
Phc2	MmuINT0118602	chr4	1.28E+08	1.28E+08	+	0.093463
Phc2	MmuINT0118603	chr4	1.28E+08	1.28E+08	+	0.014134
Phc2	MmuINT0118604	chr4	1.28E+08	1.28E+08	+	0.008775
Phc2	MmuINT0118605	chr4	1.28E+08	1.28E+08	+	0.019402
Phc2	MmuINT0118606	chr4	1.28E+08	1.28E+08	+	0.007612
Phc2	MmuINT0118607	chr4	1.28E+08	1.28E+08	+	0.015026
Phc3	MmuINT0118619	chr3	30828986	30830660	-	0.036727
Phc3	MmuINT0118620	chr3	30821279	30828734	-	0.027602
Phc3	MmuINT0118621	chr3	30815640	30821118	-	0.035256
Phc3	MmuINT0118622	chr3	30813473	30815524	-	0.066499
Phc3	MmuINT0118623	chr3	30813249	30813339	-	0.04316
Phc3	MmuINT0118624	chr3	30806413	30813016	-	0.02586
Phc3	MmuINT0118627	chr3	30849954	30856930	-	0.041688
Phf1	MmuINT0118655	chr17	27070480	27071138	+	0.010207
Phf1	MmuINT0118656	chr17	27073137	27073231	+	0.146937
Phf1	MmuINT0118657	chr17	27073337	27073456	+	0.218824
Phf1	MmuINT0118658	chr17	27073626	27073715	+	0.032474
Phf1	MmuINT0118659	chr17	27073811	27073998	+	0.049691
Phf1	MmuINT0118660	chr17	27074080	27074224	+	0.038212
Phf1	MmuINT0118661	chr17	27071314	27071398	+	0.102161
Phf1	MmuINT0118662	chr17	27071481	27071575	+	0.063325
Phf1	MmuINT0118663	chr17	27071672	27071998	+	0.124709
Phf1	MmuINT0118664	chr17	27072100	27072193	+	0.042265
Phf1	MmuINT0118665	chr17	27072343	27072484	+	0.011115

Phf1	MmulINT0118666	chr17	27072581	27072694	+	0.060271
Phf1	MmulINT0118667	chr17	27072764	27072863	+	0.086692
Phf1	MmulINT0118668	chr17	27072988	27073068	+	0.015761
Phf10	MmulINT0118670	chr17	15083393	15083659	-	0.038852
Phf10	MmulINT0118671	chr17	15093870	15096423	-	0.004696
Phf10	MmulINT0118672	chr17	15093073	15093738	-	0.010512
Phf10	MmulINT0118673	chr17	15092172	15092988	-	0.008038
Phf10	MmulINT0118674	chr17	15091947	15092037	-	0.004657
Phf10	MmulINT0118675	chr17	15091130	15091796	-	0.029701
Phf10	MmulINT0118676	chr17	15089779	15091019	-	0.007471
Phf10	MmulINT0118677	chr17	15087721	15089624	-	0.006883
Phf10	MmulINT0118678	chr17	15083769	15087564	-	0.274619
Phf12	MmulINT0118686	chr11	77796880	77797517	+	0.041697
Phf12	MmulINT0118687	chr11	77838589	77839386	+	0.063386
Phf12	MmulINT0118688	chr11	77839531	77840821	+	0.071337
Phf12	MmulINT0118689	chr11	77840921	77841728	+	0.125667
Phf12	MmulINT0118690	chr11	77841812	77842344	+	0.062121
Phf12	MmulINT0118691	chr11	77842484	77842818	+	0.072877
Phf12	MmulINT0118692	chr11	77797700	77820228	+	0.020381
Phf12	MmulINT0118693	chr11	77820302	77822902	+	0.01618
Phf12	MmulINT0118694	chr11	77823297	77826672	+	0.016111
Phf12	MmulINT0118695	chr11	77826794	77828999	+	0.014102
Phf12	MmulINT0118696	chr11	77829133	77831566	+	0.010409
Phf12	MmulINT0118697	chr11	77831732	77835859	+	0.026525
Phf12	MmulINT0118698	chr11	77836019	77836528	+	0.027484
Phf12	MmulINT0118699	chr11	77837322	77838462	+	0.070569
Phf13	MmulINT0118700	chr4	1.51E+08	1.51E+08	-	0.045108
Phf13	MmulINT0118701	chr4	1.51E+08	1.51E+08	-	0.081635
Phf13	MmulINT0118702	chr4	1.51E+08	1.51E+08	-	0.029627
Phf14	MmulINT0118703	chr6	11876293	11876726	+	0.004402
Phf14	MmulINT0118704	chr6	11937683	11938721	+	0.001046
Phf14	MmulINT0118705	chr6	11938818	11940028	+	0.008093
Phf14	MmulINT0118706	chr6	11940133	11941985	+	0.007608
Phf14	MmulINT0118708	chr6	11947195	11956810	+	0.004756
Phf14	MmulINT0118709	chr6	11956862	11956984	+	0.006089
Phf14	MmulINT0118710	chr6	11957107	11997826	+	0.093527
Phf14	MmulINT0118711	chr6	11997945	12030996	+	0.007522
Phf14	MmulINT0118712	chr6	11876838	11883252	+	0.016016
Phf14	MmulINT0118715	chr6	11903448	11911549	+	0.00984
Phf14	MmulINT0118717	chr6	11912790	11936341	+	0.00405
Phf14	MmulINT0118718	chr6	11936489	11937003	+	0.004933
Phf14	MmulINT0118719	chr6	11937275	11937575	+	0.010641
Phf15	MmulINT0118722	chr11	51632131	51634580	-	0.055592
Phf15	MmulINT0118723	chr11	51631203	51631998	-	0.037936
Phf15	MmulINT0118725	chr11	51649233	51660107	-	0.018477
Phf15	MmulINT0118726	chr11	51644916	51649074	-	0.038235
Phf15	MmulINT0118727	chr11	51644130	51644754	-	0.029257
Phf15	MmulINT0118728	chr11	51641936	51643917	-	0.034951
Phf15	MmulINT0118729	chr11	51640178	51641767	-	0.027355
Phf15	MmulINT0118730	chr11	51638910	51640060	-	0.024422

Phf15	MmuINT0118731	chr11	51634699	51638444	-	0.036561
Phf17	MmuINT0118744	chr3	41413843	41417044	+	0.031409
Phf17	MmuINT0118745	chr3	41385195	41392855	+	0.032525
Phf17	MmuINT0118746	chr3	41392945	41395604	+	0.017559
Phf17	MmuINT0118747	chr3	41395763	41397688	+	0.012689
Phf17	MmuINT0118748	chr3	41397877	41400536	+	0.012061
Phf17	MmuINT0118749	chr3	41400749	41403943	+	0.017179
Phf17	MmuINT0118750	chr3	41404112	41405288	+	0.011078
Phf17	MmuINT0118751	chr3	41405406	41408391	+	0.011989
Phf17	MmuINT0118752	chr3	41408914	41413724	+	0.079156
Phf2	MmuINT0118769	chr13	48913761	48914908	-	0.012761
Phf2	MmuINT0118770	chr13	48913235	48913670	-	0.009156
Phf2	MmuINT0118771	chr13	48911924	48912874	-	0.004565
Phf2	MmuINT0118772	chr13	48911440	48911803	-	0.007655
Phf2	MmuINT0118773	chr13	48909414	48911323	-	0.009578
Phf2	MmuINT0118774	chr13	48909143	48909234	-	0.017099
Phf2	MmuINT0118775	chr13	48908439	48909071	-	0.020384
Phf2	MmuINT0118776	chr13	48903246	48908277	-	0.025257
Phf2	MmuINT0118777	chr13	48901290	48902973	-	0.036161
Phf2	MmuINT0118778	chr13	48900710	48901193	-	0.010805
Phf2	MmuINT0118779	chr13	48927488	48930578	-	0.013876
Phf2	MmuINT0118780	chr13	48900092	48900599	-	0.012912
Phf2	MmuINT0118781	chr13	48899057	48899703	-	0.063853
Phf2	MmuINT0118782	chr13	48924316	48927372	-	0.010134
Phf2	MmuINT0118783	chr13	48921563	48924154	-	0.010941
Phf2	MmuINT0118784	chr13	48918505	48921420	-	0.008605
Phf2	MmuINT0118785	chr13	48917063	48918317	-	0.031029
Phf2	MmuINT0118786	chr13	48915983	48916899	-	0.011749
Phf2	MmuINT0118787	chr13	48915517	48915894	-	0.018519
Phf2	MmuINT0118788	chr13	48915001	48915409	-	0.012321
Phf20	MmuINT0118789	chr2	1.56E+08	1.56E+08	+	0.06231
Phf20	MmuINT0118791	chr2	1.56E+08	1.56E+08	+	0.026416
Phf20	MmuINT0118792	chr2	1.56E+08	1.56E+08	+	0.008761
Phf20	MmuINT0118797	chr2	1.56E+08	1.56E+08	+	0.035849
Phf20	MmuINT0118799	chr2	1.56E+08	1.56E+08	+	0.02784
Phf20	MmuINT0118800	chr2	1.56E+08	1.56E+08	+	0.045978
Phf20	MmuINT0118801	chr2	1.56E+08	1.56E+08	+	0.01478
Phf20	MmuINT0118802	chr2	1.56E+08	1.56E+08	+	0.013142
Phf20	MmuINT0118803	chr2	1.56E+08	1.56E+08	+	0.020185
Phf20	MmuINT0118804	chr2	1.56E+08	1.56E+08	+	0.003606
Phf20l1	MmuINT0118806	chr15	66409410	66411630	+	0.015777
Phf20l1	MmuINT0118807	chr15	66444833	66446781	+	0.141734
Phf20l1	MmuINT0118808	chr15	66446971	66447199	+	0.013638
Phf20l1	MmuINT0118809	chr15	66447410	66454322	+	0.028881
Phf20l1	MmuINT0118810	chr15	66454380	66455553	+	0.140424
Phf20l1	MmuINT0118811	chr15	66455662	66460486	+	0.012439
Phf20l1	MmuINT0118812	chr15	66460652	66461361	+	0.015628
Phf20l1	MmuINT0118813	chr15	66461544	66462428	+	0.014903
Phf20l1	MmuINT0118814	chr15	66462529	66464267	+	0.050265
Phf20l1	MmuINT0118815	chr15	66464464	66468245	+	0.008413

Phf20l1	MmuINT0118816	chr15	66468595	66471474	+	0.046864
Phf20l1	MmuINT0118817	chr15	66411751	66426368	+	0.0119
Phf20l1	MmuINT0118818	chr15	66471638	66473359	+	0.118181
Phf20l1	MmuINT0118819	chr15	66426541	66426676	+	0.011048
Phf20l1	MmuINT0118820	chr15	66426762	66428920	+	0.010849
Phf20l1	MmuINT0118821	chr15	66429010	66429238	+	0.295058
Phf20l1	MmuINT0118822	chr15	66429317	66435588	+	0.034096
Phf20l1	MmuINT0118823	chr15	66435803	66436341	+	0.013274
Phf20l1	MmuINT0118824	chr15	66436468	66441087	+	0.029735
Phf20l1	MmuINT0118825	chr15	66441171	66444582	+	0.176745
Phf21a	MmuINT0118829	chr2	92170966	92184700	+	0.013091
Phf21a	MmuINT0118830	chr2	92184800	92188152	+	0.049375
Phf21a	MmuINT0118831	chr2	92188205	92189034	+	0.055851
Phf21a	MmuINT0118832	chr2	92189115	92189544	+	0.074039
Phf21a	MmuINT0118833	chr2	92192022	92197020	+	0.106669
Phf21a	MmuINT0118834	chr2	92197177	92198850	+	0.020066
Phf21a	MmuINT0118835	chr2	92198927	92199262	+	0.016898
Phf21a	MmuINT0118836	chr2	92199367	92200325	+	0.0286
Phf21a	MmuINT0118839	chr2	92055733	92061628	+	0.019781
Phf21a	MmuINT0118840	chr2	92068639	92070815	+	0.048772
Phf21a	MmuINT0118841	chr2	92070882	92160385	+	0.02762
Phf23	MmuINT0118859	chr11	69809556	69811098	+	0.187414
Phf23	MmuINT0118860	chr11	69811131	69811247	+	0.025699
Phf23	MmuINT0118861	chr11	69811341	69811802	+	0.064623
Phf23	MmuINT0118862	chr11	69812635	69812739	+	0.013814
Phf3	MmuINT0118863	chr1	30894112	30919831	-	0.027217
Phf3	MmuINT0118864	chr1	30868813	30869861	-	0.095551
Phf3	MmuINT0118865	chr1	30867676	30868616	-	0.040873
Phf3	MmuINT0118866	chr1	30865658	30867527	-	0.022549
Phf3	MmuINT0118867	chr1	30863210	30865567	-	0.019074
Phf3	MmuINT0118868	chr1	30862788	30863013	-	0.01255
Phf3	MmuINT0118869	chr1	30888405	30893949	-	0.019442
Phf3	MmuINT0118872	chr1	30877673	30877975	-	0.013882
Phf3	MmuINT0118873	chr1	30877083	30877527	-	0.014188
Phf3	MmuINT0118874	chr1	30873430	30876925	-	0.021605
Phf3	MmuINT0118875	chr1	30870937	30873312	-	0.045315
Phf3	MmuINT0118876	chr1	30869998	30870804	-	0.069184
Phf5a	MmuINT0118877	chr15	81701620	81702242	-	0.002795
Phf5a	MmuINT0118878	chr15	81700929	81701595	-	0.010165
Phf6	MmuINT0118880	chrX	50265614	50269729	+	0.052792
Phf6	MmuINT0118881	chrX	50306756	50307082	+	0.047695
Phf6	MmuINT0118883	chrX	50270445	50284749	+	0.050795
Phf6	MmuINT0118885	chrX	50285202	50293401	+	0.06379
Phf6	MmuINT0118886	chrX	50293569	50293713	+	0.040252
Phf6	MmuINT0118887	chrX	50293858	50295740	+	0.025954
Phf6	MmuINT0118888	chrX	50295846	50299060	+	0.061555
Phf6	MmuINT0118889	chrX	50299195	50306628	+	0.034044
Phf7	MmuINT0118890	chr14	32062904	32063890	-	0.111928
Phf7	MmuINT0118891	chr14	32051340	32051522	-	0.061258
Phf7	MmuINT0118892	chr14	32062234	32062793	-	0.057275

Phf7	MmuINT0118893	chr14	32061321	32062180	-	0.112977
Phf7	MmuINT0118894	chr14	32055014	32061228	-	0.046661
Phf7	MmuINT0118895	chr14	32054170	32054911	-	0.059192
Phf7	MmuINT0118896	chr14	32053620	32054044	-	0.061154
Phf7	MmuINT0118897	chr14	32052924	32053459	-	0.053945
Phf7	MmuINT0118899	chr14	32051669	32052305	-	0.074989
Phf8	MmuINT0118901	chrX	1.48E+08	1.48E+08	+	0.042549
Phf8	MmuINT0118902	chrX	1.48E+08	1.48E+08	+	0.037973
Phf8	MmuINT0118903	chrX	1.48E+08	1.48E+08	+	0.04999
Phf8	MmuINT0118904	chrX	1.48E+08	1.48E+08	+	0.037039
Phf8	MmuINT0118905	chrX	1.48E+08	1.48E+08	+	0.025757
Phf8	MmuINT0118906	chrX	1.48E+08	1.48E+08	+	0.025837
Phf8	MmuINT0118907	chrX	1.48E+08	1.48E+08	+	0.041115
Phf8	MmuINT0118908	chrX	1.48E+08	1.48E+08	+	0.042158
Phf8	MmuINT0118909	chrX	1.48E+08	1.48E+08	+	0.068691
Phf8	MmuINT0118910	chrX	1.48E+08	1.48E+08	+	0.047028
Phf8	MmuINT0118911	chrX	1.48E+08	1.48E+08	+	0.047431
Phf8	MmuINT0118912	chrX	1.48E+08	1.48E+08	+	0.038829
Phf8	MmuINT0118913	chrX	1.48E+08	1.48E+08	+	0.033539
Phf8	MmuINT0118914	chrX	1.48E+08	1.48E+08	+	0.041426
Phf8	MmuINT0118915	chrX	1.48E+08	1.48E+08	+	0.035411
Phf8	MmuINT0118916	chrX	1.48E+08	1.48E+08	+	0.037042
Phf8	MmuINT0118917	chrX	1.48E+08	1.48E+08	+	0.031886
Phf8	MmuINT0118918	chrX	1.48E+08	1.48E+08	+	0.031811
Phf8	MmuINT0118919	chrX	1.48E+08	1.48E+08	+	0.037238
Phip	MmuINT0118939	chr9	82820139	82820641	-	0.052434
Phip	MmuINT0118942	chr9	82803532	82807294	-	0.036432
Phip	MmuINT0118943	chr9	82802482	82803393	-	0.061248
Phip	MmuINT0118944	chr9	82800666	82802297	-	0.063427
Phip	MmuINT0118946	chr9	82799397	82800547	-	0.041216
Phip	MmuINT0118947	chr9	82796808	82799255	-	0.050622
Phip	MmuINT0118948	chr9	82794461	82796730	-	0.044759
Phip	MmuINT0118949	chr9	82789749	82794228	-	0.106197
Phip	MmuINT0118954	chr9	82783783	82783967	-	0.037337
Phip	MmuINT0118955	chr9	82781277	82783720	-	0.039732
Phip	MmuINT0118957	chr9	82780350	82781120	-	0.028361
Phip	MmuINT0118958	chr9	82778566	82780228	-	0.035965
Phip	MmuINT0118959	chr9	82775347	82778439	-	0.048047
Phip	MmuINT0118960	chr9	82774979	82775276	-	0.050942
Phip	MmuINT0118961	chr9	82773869	82774927	-	0.063618
Phip	MmuINT0118962	chr9	82770950	82773718	-	0.021316
Phip	MmuINT0118963	chr9	82770497	82770796	-	0.045508
Phip	MmuINT0118964	chr9	82769876	82770332	-	0.041483
Phip	MmuINT0118965	chr9	82769095	82769615	-	0.064988
Phip	MmuINT0118966	chr9	82765469	82768896	-	0.029084
Phip	MmuINT0118968	chr9	82853218	82853307	-	0.072489
Phka1	MmuINT0118973	chrX	99837719	99839185	-	0.010626
Phka1	MmuINT0118974	chrX	99793621	99804380	-	0.017125
Phka1	MmuINT0118975	chrX	99792849	99793524	-	0.017869
Phka1	MmuINT0118976	chrX	99788045	99792740	-	0.019244

Phka1	MmuINT0118977	chrX	99781551	99787965	-	0.015785
Phka1	MmuINT0118978	chrX	99770414	99781415	-	0.018986
Phka1	MmuINT0118979	chrX	99768952	99770303	-	0.010151
Phka1	MmuINT0118980	chrX	99764708	99768806	-	0.00918
Phka1	MmuINT0118981	chrX	99755074	99764628	-	0.012771
Phka1	MmuINT0118984	chrX	99834468	99837559	-	0.010054
Phka1	MmuINT0118985	chrX	99750363	99750864	-	0.010259
Phka1	MmuINT0118986	chrX	99740804	99750222	-	0.018301
Phka1	MmuINT0118987	chrX	99740093	99740646	-	0.026783
Phka1	MmuINT0118988	chrX	99736790	99740012	-	0.040529
Phka1	MmuINT0118989	chrX	99736581	99736710	-	0.01493
Phka1	MmuINT0118990	chrX	99732625	99736450	-	0.010757
Phka1	MmuINT0118991	chrX	99727858	99732522	-	0.010114
Phka1	MmuINT0118992	chrX	99727455	99727741	-	0.011888
Phka1	MmuINT0118993	chrX	99723457	99727415	-	0.04111
Phka1	MmuINT0118994	chrX	99716264	99723405	-	0.035025
Phka1	MmuINT0118995	chrX	99832051	99834419	-	0.012542
Phka1	MmuINT0118996	chrX	99712836	99716092	-	0.040455
Phka1	MmuINT0118997	chrX	99712317	99712781	-	0.01521
Phka1	MmuINT0118998	chrX	99711555	99712115	-	0.009119
Phka1	MmuINT0118999	chrX	99821010	99831881	-	0.012685
Phka1	MmuINT0119000	chrX	99816758	99820926	-	0.013133
Phka1	MmuINT0119001	chrX	99812755	99816676	-	0.037906
Phka1	MmuINT0119002	chrX	99811397	99812655	-	0.016841
Phka1	MmuINT0119003	chrX	99805545	99811249	-	0.018903
Phka1	MmuINT0119004	chrX	99804504	99805490	-	0.015828
Phka2	MmuINT0119007	chrX	1.57E+08	1.57E+08	+	0.022186
Phka2	MmuINT0119008	chrX	1.57E+08	1.57E+08	+	0.030311
Phka2	MmuINT0119009	chrX	1.57E+08	1.57E+08	+	0.031837
Phka2	MmuINT0119010	chrX	1.57E+08	1.57E+08	+	0.015683
Phka2	MmuINT0119011	chrX	1.57E+08	1.57E+08	+	0.033494
Phka2	MmuINT0119012	chrX	1.57E+08	1.57E+08	+	0.108706
Phka2	MmuINT0119013	chrX	1.57E+08	1.57E+08	+	0.142768
Phka2	MmuINT0119014	chrX	1.57E+08	1.57E+08	+	0.156947
Phka2	MmuINT0119015	chrX	1.57E+08	1.57E+08	+	0.013153
Phka2	MmuINT0119016	chrX	1.57E+08	1.57E+08	+	0.019965
Phka2	MmuINT0119017	chrX	1.57E+08	1.57E+08	+	0.023804
Phka2	MmuINT0119018	chrX	1.57E+08	1.57E+08	+	0.012911
Phka2	MmuINT0119019	chrX	1.57E+08	1.57E+08	+	0.014027
Phka2	MmuINT0119020	chrX	1.57E+08	1.57E+08	+	0.126232
Phka2	MmuINT0119021	chrX	1.57E+08	1.57E+08	+	0.015442
Phka2	MmuINT0119022	chrX	1.57E+08	1.57E+08	+	0.05271
Phka2	MmuINT0119023	chrX	1.57E+08	1.57E+08	+	0.014872
Phka2	MmuINT0119024	chrX	1.57E+08	1.57E+08	+	0.017553
Phka2	MmuINT0119025	chrX	1.57E+08	1.57E+08	+	0.019841
Phka2	MmuINT0119026	chrX	1.57E+08	1.57E+08	+	0.023693
Phka2	MmuINT0119027	chrX	1.57E+08	1.57E+08	+	0.031393
Phka2	MmuINT0119028	chrX	1.57E+08	1.57E+08	+	0.026331
Phka2	MmuINT0119029	chrX	1.57E+08	1.57E+08	+	0.017055
Phka2	MmuINT0119030	chrX	1.57E+08	1.57E+08	+	0.018031



Phka2	MmuINT0119031	chrX	1.57E+08	1.57E+08	+	0.020144
Phka2	MmuINT0119032	chrX	1.57E+08	1.57E+08	+	0.093908
Phka2	MmuINT0119033	chrX	1.57E+08	1.57E+08	+	0.087091
Phka2	MmuINT0119034	chrX	1.57E+08	1.57E+08	+	0.023565
Phka2	MmuINT0119035	chrX	1.57E+08	1.57E+08	+	0.026532
Phka2	MmuINT0119036	chrX	1.57E+08	1.57E+08	+	0.031463
Phka2	MmuINT0119037	chrX	1.57E+08	1.57E+08	+	0.029213
Phkb	MmuINT0119039	chr8	88464836	88466090	+	0.007627
Phkb	MmuINT0119040	chr8	88466289	88469950	+	0.014072
Phkb	MmuINT0119041	chr8	88470009	88471033	+	0.00857
Phkb	MmuINT0119042	chr8	88471112	88481394	+	0.006266
Phkb	MmuINT0119043	chr8	88481554	88494801	+	0.006124
Phkb	MmuINT0119044	chr8	88494897	88534915	+	0.010858
Phkb	MmuINT0119045	chr8	88534972	88535468	+	0.00844
Phkb	MmuINT0119046	chr8	88535563	88540757	+	0.009785
Phkb	MmuINT0119047	chr8	88540842	88541290	+	0.011561
Phkb	MmuINT0119048	chr8	88541396	88542367	+	0.006961
Phkb	MmuINT0119050	chr8	88542451	88542934	+	0.006894
Phkb	MmuINT0119051	chr8	88543026	88545283	+	0.007355
Phkb	MmuINT0119052	chr8	88545346	88545441	+	0.005227
Phkb	MmuINT0119053	chr8	88545605	88546636	+	0.00549
Phkb	MmuINT0119054	chr8	88546719	88548179	+	0.00877
Phkb	MmuINT0119055	chr8	88548238	88550355	+	0.049152
Phkb	MmuINT0119056	chr8	88550447	88553380	+	0.030206
Phkb	MmuINT0119057	chr8	88553584	88567608	+	0.004039
Phkb	MmuINT0119058	chr8	88567744	88573588	+	0.004974
Phkb	MmuINT0119059	chr8	88573719	88580346	+	0.004648
Phkb	MmuINT0119060	chr8	88399623	88402008	+	0.008214
Phkb	MmuINT0119061	chr8	88580455	88582443	+	0.00638
Phkb	MmuINT0119062	chr8	88582585	88583203	+	0.003685
Phkb	MmuINT0119063	chr8	88402148	88403609	+	0.006876
Phkb	MmuINT0119064	chr8	88403710	88420328	+	0.009569
Phkb	MmuINT0119065	chr8	88420437	88425775	+	0.008177
Phkb	MmuINT0119066	chr8	88425857	88446025	+	0.010237
Phkb	MmuINT0119067	chr8	88446142	88459306	+	0.011619
Phkb	MmuINT0119068	chr8	88459371	88464739	+	0.013035
Phkg1	MmuINT0119069	chr5	1.3E+08	1.3E+08	-	0.029686
Phkg1	MmuINT0119070	chr5	1.3E+08	1.3E+08	-	0.008626
Phkg1	MmuINT0119071	chr5	1.3E+08	1.3E+08	-	0.013368
Phkg1	MmuINT0119072	chr5	1.3E+08	1.3E+08	-	0.295771
Phkg1	MmuINT0119073	chr5	1.3E+08	1.3E+08	-	0.037007
Phkg1	MmuINT0119074	chr5	1.3E+08	1.3E+08	-	0.173993
Phkg1	MmuINT0119075	chr5	1.3E+08	1.3E+08	-	0.029806
Phkg1	MmuINT0119076	chr5	1.3E+08	1.3E+08	-	0.076679
Phkg1	MmuINT0119077	chr5	1.3E+08	1.3E+08	-	0.050604
Phkg2	MmuINT0119078	chr7	1.35E+08	1.35E+08	+	0.178136
Phkg2	MmuINT0119079	chr7	1.35E+08	1.35E+08	+	0.049638
Phkg2	MmuINT0119080	chr7	1.35E+08	1.35E+08	+	0.27309
Phkg2	MmuINT0119081	chr7	1.35E+08	1.35E+08	+	0.260065
Phkg2	MmuINT0119082	chr7	1.35E+08	1.35E+08	+	0.08834

Phkg2	MmuINT0119083	chr7	1.35E+08	1.35E+08	+	0.062098
Phkg2	MmuINT0119084	chr7	1.35E+08	1.35E+08	+	0.040272
Phkg2	MmuINT0119085	chr7	1.35E+08	1.35E+08	+	0.130945
Phkg2	MmuINT0119086	chr7	1.35E+08	1.35E+08	+	0.090779
Phlda1	MmuINT0119087	chr10	1.11E+08	1.11E+08	+	0.025851
Phlda3	MmuINT0119089	chr1	1.38E+08	1.38E+08	+	0.020981
Phldb1	MmuINT0119090	chr9	44536184	44543207	-	0.047774
Phldb1	MmuINT0119091	chr9	44512255	44515967	-	0.014865
Phldb1	MmuINT0119092	chr9	44511976	44512143	-	0.003694
Phldb1	MmuINT0119094	chr9	44507780	44509028	-	0.022448
Phldb1	MmuINT0119095	chr9	44507533	44507638	-	0.014497
Phldb1	MmuINT0119096	chr9	44506304	44507429	-	0.110925
Phldb1	MmuINT0119097	chr9	44505926	44506008	-	0.084601
Phldb1	MmuINT0119098	chr9	44504267	44505834	-	0.204145
Phldb1	MmuINT0119099	chr9	44502574	44504119	-	0.002054
Phldb1	MmuINT0119100	chr9	44502215	44502456	-	0.002438
Phldb1	MmuINT0119101	chr9	44535258	44536102	-	0.023767
Phldb1	MmuINT0119102	chr9	44496786	44502111	-	0.012894
Phldb1	MmuINT0119103	chr9	44495782	44496699	-	0.046848
Phldb1	MmuINT0119104	chr9	44534264	44535133	-	0.018348
Phldb1	MmuINT0119105	chr9	44526483	44534092	-	0.019382
Phldb1	MmuINT0119106	chr9	44524749	44526356	-	0.003199
Phldb1	MmuINT0119107	chr9	44520006	44523396	-	0.004321
Phldb1	MmuINT0119108	chr9	44519372	44519723	-	0.002407
Phldb1	MmuINT0119109	chr9	44519144	44519230	-	0.00249
Phldb1	MmuINT0119110	chr9	44516124	44519005	-	0.051458
Phldb2	MmuINT0119113	chr16	45770885	45772247	-	0.075079
Phldb2	MmuINT0119114	chr16	45763228	45770784	-	0.07254
Phldb2	MmuINT0119115	chr16	45758321	45763022	-	0.02006
Phldb2	MmuINT0119116	chr16	45757359	45758229	-	0.019048
Phldb2	MmuINT0119117	chr16	45751679	45757211	-	0.02297
Phldb2	MmuINT0119118	chr16	45748926	45751458	-	0.01531
Phldb2	MmuINT0119119	chr16	45748045	45748839	-	0.020773
Phldb2	MmuINT0119120	chr16	45808623	45824871	-	0.021422
Phldb2	MmuINT0119121	chr16	45802953	45808238	-	0.015678
Phldb2	MmuINT0119122	chr16	45801743	45802808	-	0.020235
Phldb2	MmuINT0119123	chr16	45789231	45801604	-	0.039674
Phldb2	MmuINT0119124	chr16	45781571	45789101	-	0.042568
Phldb2	MmuINT0119125	chr16	45780480	45781414	-	0.021414
Phldb2	MmuINT0119126	chr16	45777916	45780368	-	0.02644
Phlpp1	MmuINT0119142	chr1	1.08E+08	1.08E+08	+	0.014726
Phlpp1	MmuINT0119143	chr1	1.08E+08	1.08E+08	+	0.012508
Phlpp1	MmuINT0119144	chr1	1.08E+08	1.08E+08	+	0.009364
Phlpp1	MmuINT0119145	chr1	1.08E+08	1.08E+08	+	0.016469
Phlpp1	MmuINT0119146	chr1	1.08E+08	1.08E+08	+	0.012496
Phlpp1	MmuINT0119147	chr1	1.08E+08	1.08E+08	+	0.025472
Phlpp1	MmuINT0119148	chr1	1.08E+08	1.08E+08	+	0.013553
Phlpp1	MmuINT0119149	chr1	1.08E+08	1.08E+08	+	0.018376
Phlpp1	MmuINT0119150	chr1	1.08E+08	1.08E+08	+	0.015231
Phlpp1	MmuINT0119151	chr1	1.08E+08	1.08E+08	+	0.020507

Phlpp1	MmuINT0119152	chr1	1.08E+08	1.08E+08	+	0.00994
Phlpp1	MmuINT0119153	chr1	1.08E+08	1.08E+08	+	0.017207
Phlpp1	MmuINT0119154	chr1	1.08E+08	1.08E+08	+	0.010826
Phlpp1	MmuINT0119155	chr1	1.08E+08	1.08E+08	+	0.020919
Phlpp1	MmuINT0119156	chr1	1.08E+08	1.08E+08	+	0.019708
Phlpp1	MmuINT0119157	chr1	1.08E+08	1.08E+08	+	0.013974
Phlpp2	MmuINT0119167	chr8	1.12E+08	1.12E+08	+	0.058838
Phospho1	MmuINT0119176	chr11	95686024	95689979	+	0.012698
Phospho2	MmuINT0119177	chr2	69628014	69628342	+	0.018285
Phospho2	MmuINT0119178	chr2	69628379	69630393	+	0.01924
Phospho2	MmuINT0119179	chr2	69630549	69633532	+	0.028247
Phpt1	MmuINT0119184	chr2	25429833	25430202	-	0.023144
Phpt1	MmuINT0119185	chr2	25429220	25429707	-	0.004343
Phrf1	MmuINT0119186	chr7	1.48E+08	1.48E+08	+	0.020326
Phrf1	MmuINT0119187	chr7	1.48E+08	1.48E+08	+	0.028685
Phrf1	MmuINT0119188	chr7	1.48E+08	1.48E+08	+	0.029935
Phrf1	MmuINT0119189	chr7	1.48E+08	1.48E+08	+	0.072687
Phrf1	MmuINT0119190	chr7	1.48E+08	1.48E+08	+	0.102038
Phrf1	MmuINT0119191	chr7	1.48E+08	1.48E+08	+	0.145036
Phrf1	MmuINT0119192	chr7	1.48E+08	1.48E+08	+	0.064874
Phrf1	MmuINT0119193	chr7	1.48E+08	1.48E+08	+	0.017603
Phrf1	MmuINT0119194	chr7	1.48E+08	1.48E+08	+	0.011339
Phrf1	MmuINT0119195	chr7	1.48E+08	1.48E+08	+	0.022986
Phrf1	MmuINT0119196	chr7	1.48E+08	1.48E+08	+	0.019508
Phrf1	MmuINT0119197	chr7	1.48E+08	1.48E+08	+	0.027772
Phrf1	MmuINT0119198	chr7	1.48E+08	1.48E+08	+	0.060682
Phrf1	MmuINT0119199	chr7	1.48E+08	1.48E+08	+	0.055852
Phrf1	MmuINT0119200	chr7	1.48E+08	1.48E+08	+	0.030727
Phrf1	MmuINT0119201	chr7	1.48E+08	1.48E+08	+	0.028068
Phrf1	MmuINT0119202	chr7	1.48E+08	1.48E+08	+	0.016472
Phtf1	MmuINT0119207	chr3	1.04E+08	1.04E+08	+	0.06115
Phtf1	MmuINT0119208	chr3	1.04E+08	1.04E+08	+	0.022199
Phtf1	MmuINT0119209	chr3	1.04E+08	1.04E+08	+	0.081038
Phtf1	MmuINT0119210	chr3	1.04E+08	1.04E+08	+	0.058451
Phtf1	MmuINT0119211	chr3	1.04E+08	1.04E+08	+	0.046918
Phtf1	MmuINT0119212	chr3	1.04E+08	1.04E+08	+	0.041459
Phtf1	MmuINT0119213	chr3	1.04E+08	1.04E+08	+	0.023163
Phtf1	MmuINT0119214	chr3	1.04E+08	1.04E+08	+	0.026933
Phtf1	MmuINT0119218	chr3	1.04E+08	1.04E+08	+	0.051132
Phtf1	MmuINT0119219	chr3	1.04E+08	1.04E+08	+	0.122188
Phtf1	MmuINT0119220	chr3	1.04E+08	1.04E+08	+	0.092727
Phtf1	MmuINT0119221	chr3	1.04E+08	1.04E+08	+	0.0423
Phtf1	MmuINT0119222	chr3	1.04E+08	1.04E+08	+	0.038842
Phtf2	MmuINT0119224	chr5	20361020	20387773	-	0.010027
Phtf2	MmuINT0119225	chr5	20281826	20288090	-	0.003005
Phtf2	MmuINT0119226	chr5	20280094	20281696	-	0.002967
Phtf2	MmuINT0119227	chr5	20279635	20279820	-	0.00384
Phtf2	MmuINT0119228	chr5	20278080	20279502	-	0.005843
Phtf2	MmuINT0119229	chr5	20271732	20277992	-	0.004969
Phtf2	MmuINT0119230	chr5	20270128	20271575	-	0.009148

Phtf2	MmuINT0119231	chr5	20267608	20270031	-	0.010417
Phtf2	MmuINT0119232	chr5	20266894	20267481	-	0.002352
Phtf2	MmuINT0119233	chr5	20319115	20360939	-	0.006308
Phtf2	MmuINT0119234	chr5	20313292	20319057	-	0.01564
Phtf2	MmuINT0119235	chr5	20311632	20313221	-	0.005023
Phtf2	MmuINT0119237	chr5	20307885	20309002	-	0.00241
Phtf2	MmuINT0119238	chr5	20300300	20307719	-	0.004982
Phtf2	MmuINT0119239	chr5	20295603	20300112	-	0.010421
Phtf2	MmuINT0119240	chr5	20288310	20295446	-	0.013959
Phyh	MmuINT0119241	chr2	4840191	4843873	+	0.000218
Phyh	MmuINT0119242	chr2	4843933	4846643	+	0.000225
Phyh	MmuINT0119243	chr2	4846755	4848395	+	0.000209
Phyh	MmuINT0119244	chr2	4848565	4849716	+	0.00022
Phyh	MmuINT0119245	chr2	4849799	4851758	+	0.004126
Phyh	MmuINT0119246	chr2	4851941	4857014	+	0.000538
Phyh	MmuINT0119247	chr2	4857165	4858721	+	0.001937
Phyh	MmuINT0119248	chr2	4858857	4859352	+	0.000225
Phyhd1	MmuINT0119249	chr2	30122146	30122382	+	0.673664
Phyhd1	MmuINT0119250	chr2	30135808	30136529	+	0.039244
Phyhd1	MmuINT0119251	chr2	30136657	30137289	+	0.060522
Phyhd1	MmuINT0119252	chr2	30122462	30125208	+	0.001984
Phyhd1	MmuINT0119253	chr2	30125368	30129989	+	0.159026
Phyhd1	MmuINT0119254	chr2	30130066	30130195	+	0.206582
Phyhd1	MmuINT0119255	chr2	30130244	30132522	+	0.067736
Phyhd1	MmuINT0119256	chr2	30132579	30132667	+	0.013957
Phyhd1	MmuINT0119257	chr2	30132731	30133142	+	0.099629
Phyhd1	MmuINT0119258	chr2	30133165	30135474	+	0.176987
Phyhd1	MmuINT0119259	chr2	30135604	30135690	+	0.032451
Phyhip	MmuINT0119261	chr14	70861731	70863046	+	0.080012
Phyhip	MmuINT0119262	chr14	70863222	70865256	+	0.294404
Phyhip	MmuINT0119263	chr14	70865375	70866607	+	0.600786
Pi16	MmuINT0119274	chr17	29456337	29459130	+	0.003862
Pi16	MmuINT0119275	chr17	29459353	29462817	+	0.011747
Pi16	MmuINT0119276	chr17	29462928	29463218	+	0.020606
Pi16	MmuINT0119277	chr17	29463308	29463792	+	0.3497
Pi16	MmuINT0119278	chr17	29464579	29464782	+	0.265678
Pi16	MmuINT0119279	chr17	29464916	29465452	+	0.068857
Pi4k2a	MmuINT0119280	chr19	42165427	42175126	+	0.011291
Pi4k2a	MmuINT0119281	chr19	42175328	42179347	+	0.007854
Pi4k2a	MmuINT0119282	chr19	42179480	42179819	+	0.011763
Pi4k2a	MmuINT0119283	chr19	42179974	42187532	+	0.00855
Pi4k2a	MmuINT0119284	chr19	42187595	42189526	+	0.023353
Pi4k2a	MmuINT0119285	chr19	42189627	42190374	+	0.040365
Pi4k2a	MmuINT0119286	chr19	42190509	42190996	+	0.023958
Pi4k2a	MmuINT0119287	chr19	42191057	42194282	+	0.027286
Pi4ka	MmuINT0119299	chr16	17359180	17360589	-	0.009827
Pi4ka	MmuINT0119300	chr16	17358481	17358987	-	0.011489
Pi4ka	MmuINT0119301	chr16	17357769	17358379	-	0.017559
Pi4ka	MmuINT0119302	chr16	17356310	17357638	-	0.011489
Pi4ka	MmuINT0119303	chr16	17355060	17356176	-	0.007637

Pi4ka	MmuINT0119304	chr16	17354327	17354963	-	0.008223
Pi4ka	MmuINT0119305	chr16	17352935	17354142	-	0.008855
Pi4ka	MmuINT0119306	chr16	17351024	17352830	-	0.006164
Pi4ka	MmuINT0119307	chr16	17348859	17350854	-	0.010477
Pi4ka	MmuINT0119308	chr16	17326143	17348807	-	0.008849
Pi4ka	MmuINT0119309	chr16	17386423	17389433	-	0.011275
Pi4ka	MmuINT0119310	chr16	17325624	17326033	-	0.00846
Pi4ka	MmuINT0119311	chr16	17325340	17325486	-	0.006643
Pi4ka	MmuINT0119312	chr16	17323164	17325205	-	0.008528
Pi4ka	MmuINT0119313	chr16	17318647	17323080	-	0.024368
Pi4ka	MmuINT0119314	chr16	17318498	17318575	-	0.013122
Pi4ka	MmuINT0119315	chr16	17317469	17318372	-	0.009284
Pi4ka	MmuINT0119316	chr16	17317139	17317386	-	0.010796
Pi4ka	MmuINT0119317	chr16	17315732	17317054	-	0.00851
Pi4ka	MmuINT0119318	chr16	17312565	17315641	-	0.005965
Pi4ka	MmuINT0119319	chr16	17309492	17312444	-	0.0087
Pi4ka	MmuINT0119320	chr16	17381983	17386328	-	0.013508
Pi4ka	MmuINT0119321	chr16	17308316	17309398	-	0.008246
Pi4ka	MmuINT0119322	chr16	17307924	17308158	-	0.012908
Pi4ka	MmuINT0119323	chr16	17303537	17307795	-	0.005543
Pi4ka	MmuINT0119324	chr16	17303236	17303377	-	0.005703
Pi4ka	MmuINT0119325	chr16	17301194	17303083	-	0.007747
Pi4ka	MmuINT0119326	chr16	17299663	17301085	-	0.005901
Pi4ka	MmuINT0119327	chr16	17297764	17299534	-	0.006978
Pi4ka	MmuINT0119328	chr16	17297383	17297643	-	0.006631
Pi4ka	MmuINT0119329	chr16	17297183	17297302	-	0.006997
Pi4ka	MmuINT0119330	chr16	17295556	17296988	-	0.005858
Pi4ka	MmuINT0119331	chr16	17378608	17381893	-	0.013807
Pi4ka	MmuINT0119332	chr16	17294104	17295464	-	0.01112
Pi4ka	MmuINT0119333	chr16	17293027	17293935	-	0.028822
Pi4ka	MmuINT0119334	chr16	17291329	17292972	-	0.013114
Pi4ka	MmuINT0119335	chr16	17286875	17291207	-	0.007901
Pi4ka	MmuINT0119336	chr16	17285371	17286744	-	0.022758
Pi4ka	MmuINT0119337	chr16	17284762	17285299	-	0.036234
Pi4ka	MmuINT0119338	chr16	17284611	17284688	-	0.036678
Pi4ka	MmuINT0119339	chr16	17283503	17284539	-	0.0295
Pi4ka	MmuINT0119340	chr16	17283021	17283392	-	0.052178
Pi4ka	MmuINT0119341	chr16	17282836	17282915	-	0.026289
Pi4ka	MmuINT0119342	chr16	17377271	17378534	-	0.010797
Pi4ka	MmuINT0119343	chr16	17282500	17282709	-	0.021598
Pi4ka	MmuINT0119344	chr16	17282102	17282378	-	0.075133
Pi4ka	MmuINT0119345	chr16	17281203	17281941	-	0.040712
Pi4ka	MmuINT0119346	chr16	17280894	17281112	-	0.017724
Pi4ka	MmuINT0119347	chr16	17280714	17280809	-	0.005339
Pi4ka	MmuINT0119348	chr16	17373510	17377010	-	0.010697
Pi4ka	MmuINT0119349	chr16	17367646	17373442	-	0.011941
Pi4ka	MmuINT0119350	chr16	17364106	17367496	-	0.026164
Pi4ka	MmuINT0119351	chr16	17360687	17364039	-	0.013627
Pi4kb	MmuINT0119352	chr3	94779008	94787904	+	0.02179
Pi4kb	MmuINT0119353	chr3	94808677	94809680	+	0.214434

Pi4kb	MmuINT0119354	chr3	94788842	94796887	+	0.038111
Pi4kb	MmuINT0119355	chr3	94797116	94798082	+	0.019178
Pi4kb	MmuINT0119356	chr3	94798311	94799756	+	0.066452
Pi4kb	MmuINT0119357	chr3	94799867	94800501	+	0.079959
Pi4kb	MmuINT0119358	chr3	94800607	94800773	+	0.11879
Pi4kb	MmuINT0119359	chr3	94800898	94802769	+	0.043351
Pi4kb	MmuINT0119360	chr3	94803036	94808161	+	0.069822
Pi4kb	MmuINT0119361	chr3	94808295	94808555	+	0.135765
Pias1	MmuINT0119362	chr9	62800008	62828654	-	0.021355
Pias1	MmuINT0119363	chr9	62740114	62740935	-	0.015721
Pias1	MmuINT0119364	chr9	62735258	62739932	-	0.012676
Pias1	MmuINT0119365	chr9	62732617	62735114	-	0.023111
Pias1	MmuINT0119366	chr9	62730069	62732578	-	0.07346
Pias1	MmuINT0119367	chr9	62771463	62799562	-	0.012885
Pias1	MmuINT0119368	chr9	62771136	62771377	-	0.033555
Pias1	MmuINT0119369	chr9	62768356	62771087	-	0.037546
Pias1	MmuINT0119370	chr9	62767293	62768264	-	0.016244
Pias1	MmuINT0119371	chr9	62760663	62767157	-	0.015701
Pias1	MmuINT0119372	chr9	62750640	62760556	-	0.021864
Pias1	MmuINT0119373	chr9	62743799	62750565	-	0.015134
Pias1	MmuINT0119374	chr9	62741067	62743637	-	0.015603
Pias2	MmuINT0119377	chr18	77304159	77335987	+	0.01932
Pias2	MmuINT0119378	chr18	77372807	77374518	+	0.011156
Pias2	MmuINT0119379	chr18	77374691	77383741	+	0.01886
Pias2	MmuINT0119380	chr18	77383882	77388799	+	0.009575
Pias2	MmuINT0119382	chr18	77336463	77344543	+	0.008536
Pias2	MmuINT0119383	chr18	77344629	77358650	+	0.02306
Pias2	MmuINT0119384	chr18	77358702	77358794	+	0.028579
Pias2	MmuINT0119385	chr18	77358886	77365595	+	0.016877
Pias2	MmuINT0119386	chr18	77365731	77367694	+	0.013733
Pias2	MmuINT0119387	chr18	77367801	77368788	+	0.015433
Pias2	MmuINT0119388	chr18	77368863	77371829	+	0.018412
Pias2	MmuINT0119389	chr18	77371991	77372672	+	0.011183
Pias3	MmuINT0119391	chr3	96503577	96503681	+	0.922111
Pias3	MmuINT0119393	chr3	96507583	96507661	+	0.037337
Pias3	MmuINT0119394	chr3	96507831	96507981	+	0.074322
Pias3	MmuINT0119395	chr3	96508116	96508271	+	0.082629
Pias3	MmuINT0119396	chr3	96508310	96508771	+	0.462279
Pias3	MmuINT0119397	chr3	96504001	96504140	+	0.050986
Pias3	MmuINT0119399	chr3	96504503	96505208	+	0.032056
Pias3	MmuINT0119400	chr3	96505344	96505538	+	0.017142
Pias3	MmuINT0119401	chr3	96505645	96506096	+	0.030272
Pias3	MmuINT0119402	chr3	96506171	96506279	+	0.014824
Pias3	MmuINT0119403	chr3	96506441	96507448	+	0.04163
Pias4	MmuINT0119404	chr10	80626936	80630429	-	0.016433
Pias4	MmuINT0119405	chr10	80617118	80617192	-	0.03638
Pias4	MmuINT0119406	chr10	80620763	80626529	-	0.066428
Pias4	MmuINT0119407	chr10	80620438	80620677	-	0.01713
Pias4	MmuINT0119408	chr10	80620273	80620395	-	0.018918
Pias4	MmuINT0119409	chr10	80620101	80620181	-	0.017004

Pias4	MmuINT0119410	chr10	80619863	80619971	-	0.019869
Pias4	MmuINT0119411	chr10	80618652	80619756	-	0.056471
Pias4	MmuINT0119412	chr10	80618497	80618577	-	0.029089
Pias4	MmuINT0119413	chr10	80617324	80618335	-	0.025413
Pibf1	MmuINT0119414	chr14	99499349	99500247	+	0.026898
Pibf1	MmuINT0119415	chr14	99549961	99578533	+	0.022573
Pibf1	MmuINT0119416	chr14	99585851	99586936	+	0.025433
Pibf1	MmuINT0119417	chr14	99587028	99595567	+	0.036221
Pibf1	MmuINT0119418	chr14	99595671	99610158	+	0.022947
Pibf1	MmuINT0119419	chr14	99610290	99620777	+	0.038558
Pibf1	MmuINT0119420	chr14	99620863	99642057	+	0.042347
Pibf1	MmuINT0119421	chr14	99642229	99653379	+	0.015144
Pibf1	MmuINT0119422	chr14	99500521	99504387	+	0.029497
Pibf1	MmuINT0119423	chr14	99504489	99506517	+	0.022765
Pibf1	MmuINT0119425	chr14	99512309	99532454	+	0.026096
Pibf1	MmuINT0119426	chr14	99532589	99535671	+	0.026287
Pibf1	MmuINT0119428	chr14	99536443	99539755	+	0.032328
Pibf1	MmuINT0119429	chr14	99539882	99549861	+	0.021816
Picalm	MmuINT0119430	chr7	97279213	97308957	+	0.004643
Picalm	MmuINT0119431	chr7	97324913	97325168	+	0.00272
Picalm	MmuINT0119432	chr7	97325306	97326009	+	0.002158
Picalm	MmuINT0119433	chr7	97326114	97330728	+	0.056308
Picalm	MmuINT0119434	chr7	97330879	97337659	+	0.050874
Picalm	MmuINT0119435	chr7	97337768	97339650	+	0.020001
Picalm	MmuINT0119436	chr7	97339783	97339868	+	0.003196
Picalm	MmuINT0119437	chr7	97339900	97340163	+	0.002601
Picalm	MmuINT0119438	chr7	97340264	97342782	+	0.330251
Picalm	MmuINT0119439	chr7	97342807	97344164	+	0.286808
Picalm	MmuINT0119440	chr7	97344225	97345425	+	0.002806
Picalm	MmuINT0119441	chr7	97309101	97309769	+	0.002396
Picalm	MmuINT0119442	chr7	97345531	97356092	+	0.007843
Picalm	MmuINT0119443	chr7	97309846	97314023	+	0.002806
Picalm	MmuINT0119444	chr7	97314127	97317691	+	0.004327
Picalm	MmuINT0119445	chr7	97317786	97319088	+	0.002313
Picalm	MmuINT0119446	chr7	97319201	97320743	+	0.002549
Picalm	MmuINT0119447	chr7	97320851	97321543	+	0.003128
Picalm	MmuINT0119448	chr7	97321586	97322957	+	0.002967
Picalm	MmuINT0119449	chr7	97323044	97324788	+	0.001847
Pick1	MmuINT0119450	chr15	79060001	79060179	+	0.013041
Pick1	MmuINT0119451	chr15	79076931	79077694	+	0.00796
Pick1	MmuINT0119452	chr15	79077746	79078581	+	0.207693
Pick1	MmuINT0119453	chr15	79078727	79079150	+	0.022087
Pick1	MmuINT0119454	chr15	79060284	79060973	+	0.010718
Pick1	MmuINT0119455	chr15	79061086	79070013	+	0.00759
Pick1	MmuINT0119456	chr15	79070143	79071656	+	0.020859
Pick1	MmuINT0119457	chr15	79071724	79073397	+	0.038884
Pick1	MmuINT0119458	chr15	79073488	79075284	+	0.164811
Pick1	MmuINT0119459	chr15	79075339	79075719	+	0.019332
Pick1	MmuINT0119460	chr15	79075783	79076407	+	0.064571
Pick1	MmuINT0119461	chr15	79076542	79076837	+	0.014149

Pid1	MmuINT0119462	chr1	84155954	84280915	-	0.038076
Pid1	MmuINT0119463	chr1	84035083	84155806	-	0.034617
Piga	MmuINT0119479	chrX	1.61E+08	1.61E+08	+	0.058546
Pigb	MmuINT0119481	chr9	72865379	72865676	-	0.452465
Pigb	MmuINT0119482	chr9	72864103	72865197	-	0.56238
Pigb	MmuINT0119489	chr9	72869158	72870081	-	0.242625
Pigb	MmuINT0119490	chr9	72865891	72869092	-	0.658273
Pigc	MmuINT0119491	chr1	1.64E+08	1.64E+08	+	0.377799
Pigf	MmuINT0119492	chr17	87423254	87424637	-	0.08671
Pigf	MmuINT0119493	chr17	87421291	87423004	-	0.24978
Pigf	MmuINT0119494	chr17	87419858	87421198	-	0.054469
Pigf	MmuINT0119495	chr17	87408252	87419740	-	0.098289
Pigg	MmuINT0119496	chr5	1.09E+08	1.09E+08	+	0.024423
Pigg	MmuINT0119497	chr5	1.09E+08	1.09E+08	+	0.022749
Pigg	MmuINT0119498	chr5	1.09E+08	1.09E+08	+	0.038539
Pigg	MmuINT0119499	chr5	1.09E+08	1.09E+08	+	0.072336
Pigg	MmuINT0119500	chr5	1.09E+08	1.09E+08	+	0.018731
Pigg	MmuINT0119501	chr5	1.09E+08	1.09E+08	+	0.019749
Pigg	MmuINT0119502	chr5	1.09E+08	1.09E+08	+	0.020753
Pigg	MmuINT0119503	chr5	1.09E+08	1.09E+08	+	0.013035
Pigg	MmuINT0119504	chr5	1.09E+08	1.09E+08	+	0.0204
Pigg	MmuINT0119506	chr5	1.09E+08	1.09E+08	+	0.012788
Pigg	MmuINT0119507	chr5	1.09E+08	1.09E+08	+	0.026291
Pigh	MmuINT0119508	chr12	80186844	80190426	-	0.041148
Pigh	MmuINT0119510	chr12	80183484	80184602	-	0.101665
Pigk	MmuINT0119511	chr3	1.52E+08	1.52E+08	+	0.015895
Pigk	MmuINT0119512	chr3	1.52E+08	1.52E+08	+	0.013904
Pigk	MmuINT0119513	chr3	1.52E+08	1.52E+08	+	0.01754
Pigk	MmuINT0119514	chr3	1.52E+08	1.52E+08	+	0.011166
Pigk	MmuINT0119515	chr3	1.52E+08	1.52E+08	+	0.011636
Pigk	MmuINT0119516	chr3	1.52E+08	1.52E+08	+	0.019383
Pigk	MmuINT0119517	chr3	1.52E+08	1.52E+08	+	0.017533
Pigk	MmuINT0119518	chr3	1.52E+08	1.52E+08	+	0.012254
Pigk	MmuINT0119519	chr3	1.52E+08	1.52E+08	+	0.011458
Pigk	MmuINT0119520	chr3	1.52E+08	1.52E+08	+	0.010975
Pigl	MmuINT0119523	chr11	62272197	62286870	+	0.399269
Pigl	MmuINT0119528	chr11	62325774	62326405	+	0.042397
Pign	MmuINT0119531	chr1	1.08E+08	1.08E+08	-	0.046509
Pign	MmuINT0119532	chr1	1.08E+08	1.08E+08	-	0.064829
Pign	MmuINT0119533	chr1	1.08E+08	1.08E+08	-	0.051551
Pign	MmuINT0119534	chr1	1.07E+08	1.08E+08	-	0.060354
Pign	MmuINT0119535	chr1	1.07E+08	1.07E+08	-	0.044994
Pign	MmuINT0119536	chr1	1.07E+08	1.07E+08	-	0.031691
Pign	MmuINT0119537	chr1	1.07E+08	1.07E+08	-	0.040416
Pign	MmuINT0119538	chr1	1.07E+08	1.07E+08	-	0.044821
Pign	MmuINT0119539	chr1	1.07E+08	1.07E+08	-	0.048761
Pign	MmuINT0119541	chr1	1.07E+08	1.07E+08	-	0.063023
Pign	MmuINT0119542	chr1	1.07E+08	1.07E+08	-	0.059441
Pign	MmuINT0119543	chr1	1.07E+08	1.07E+08	-	0.077499
Pign	MmuINT0119544	chr1	1.07E+08	1.07E+08	-	0.099431



Pign	MmulNT0119545	chr1	1.07E+08	1.07E+08	-	0.062306
Pign	MmulNT0119546	chr1	1.07E+08	1.07E+08	-	0.04056
Pign	MmulNT0119551	chr1	1.08E+08	1.08E+08	-	0.065932
Pign	MmulNT0119552	chr1	1.07E+08	1.07E+08	-	0.054801
Pign	MmulNT0119553	chr1	1.08E+08	1.08E+08	-	0.044409
Pign	MmulNT0119554	chr1	1.08E+08	1.08E+08	-	0.037155
Pign	MmulNT0119555	chr1	1.08E+08	1.08E+08	-	0.039515
Pign	MmulNT0119556	chr1	1.08E+08	1.08E+08	-	0.061099
Pign	MmulNT0119557	chr1	1.08E+08	1.08E+08	-	0.036283
Pign	MmulNT0119558	chr1	1.08E+08	1.08E+08	-	0.042147
Pigo	MmulNT0119559	chr4	43036688	43037434	-	0.01467
Pigo	MmulNT0119560	chr4	43036366	43036543	-	0.013082
Pigo	MmulNT0119561	chr4	43035639	43036241	-	0.019299
Pigo	MmulNT0119562	chr4	43035067	43035478	-	0.021193
Pigo	MmulNT0119563	chr4	43034667	43034883	-	0.026461
Pigo	MmulNT0119564	chr4	43032726	43033138	-	0.040956
Pigo	MmulNT0119565	chr4	43032308	43032518	-	0.023529
Pigo	MmulNT0119566	chr4	43031091	43032083	-	0.029839
Pigo	MmulNT0119567	chr4	43030911	43031019	-	0.012479
Pigp	MmulNT0119568	chr16	94589241	94591695	-	0.007611
Pigq	MmulNT0119572	chr17	26074408	26078759	-	0.012501
Pigq	MmulNT0119573	chr17	26064702	26065735	-	0.018836
Pigq	MmulNT0119574	chr17	26072080	26073708	-	0.036634
Pigq	MmulNT0119575	chr17	26071824	26071947	-	0.009599
Pigq	MmulNT0119576	chr17	26069177	26071702	-	0.109604
Pigq	MmulNT0119577	chr17	26068773	26069049	-	0.061723
Pigq	MmulNT0119578	chr17	26068519	26068618	-	0.124573
Pigq	MmulNT0119579	chr17	26067984	26068406	-	0.109433
Pigq	MmulNT0119580	chr17	26067581	26067902	-	0.0753
Pigq	MmulNT0119581	chr17	26065798	26067465	-	0.023637
Pigs	MmulNT0119592	chr11	78142011	78142233	+	0.013484
Pigs	MmulNT0119593	chr11	78153612	78154726	+	0.070206
Pigs	MmulNT0119594	chr11	78154938	78155235	+	0.014901
Pigs	MmulNT0119595	chr11	78142374	78142476	+	0.01065
Pigs	MmulNT0119596	chr11	78142589	78146451	+	0.009292
Pigs	MmulNT0119597	chr11	78146542	78147168	+	0.034622
Pigs	MmulNT0119598	chr11	78147261	78148928	+	0.013137
Pigs	MmulNT0119599	chr11	78149137	78150189	+	0.020675
Pigs	MmulNT0119600	chr11	78150333	78151290	+	0.009343
Pigs	MmulNT0119601	chr11	78151406	78152844	+	0.008643
Pigs	MmulNT0119602	chr11	78152991	78153510	+	0.00962
Pigt	MmulNT0119603	chr2	1.64E+08	1.64E+08	+	0.006479
Pigt	MmulNT0119604	chr2	1.64E+08	1.64E+08	+	0.018089
Pigt	MmulNT0119605	chr2	1.64E+08	1.64E+08	+	0.008582
Pigt	MmulNT0119606	chr2	1.64E+08	1.64E+08	+	0.015123
Pigt	MmulNT0119610	chr2	1.64E+08	1.64E+08	+	0.024783
Pigt	MmulNT0119611	chr2	1.64E+08	1.64E+08	+	0.023145
Pigt	MmulNT0119612	chr2	1.64E+08	1.64E+08	+	0.004821
Pigt	MmulNT0119613	chr2	1.64E+08	1.64E+08	+	0.011356
Pigu	MmulNT0119614	chr2	1.55E+08	1.55E+08	-	0.011758

Pigu	MmuINT0119615	chr2	1.55E+08	1.55E+08	-	0.00953
Pigu	MmuINT0119616	chr2	1.55E+08	1.55E+08	-	0.0256
Pigu	MmuINT0119617	chr2	1.55E+08	1.55E+08	-	0.019291
Pigu	MmuINT0119618	chr2	1.55E+08	1.55E+08	-	0.023691
Pigu	MmuINT0119619	chr2	1.55E+08	1.55E+08	-	0.01228
Pigu	MmuINT0119620	chr2	1.55E+08	1.55E+08	-	0.008232
Pigu	MmuINT0119621	chr2	1.55E+08	1.55E+08	-	0.009217
Pigu	MmuINT0119622	chr2	1.55E+08	1.55E+08	-	0.006312
Pigu	MmuINT0119623	chr2	1.55E+08	1.55E+08	-	0.057045
Pigu	MmuINT0119624	chr2	1.55E+08	1.55E+08	-	0.005058
Pigv	MmuINT0119625	chr4	1.33E+08	1.33E+08	-	0.108306
Pigv	MmuINT0119626	chr4	1.33E+08	1.33E+08	-	0.074121
Pigw	MmuINT0119629	chr11	84692015	84693729	-	0.071126
Pigx	MmuINT0119631	chr16	32092572	32097085	-	0.016071
Pigx	MmuINT0119632	chr16	32087594	32092429	-	0.025215
Pigx	MmuINT0119633	chr16	32085424	32087379	-	0.027082
Pigx	MmuINT0119634	chr16	32084713	32085322	-	0.013221
Pigy	MmuINT0119636	chr6	57639873	57641802	-	0.002213
Pigyl	MmuINT0119637	chr9	21961358	21962175	+	0.006056
Pigz	MmuINT0119638	chr16	31934130	31941998	+	0.56856
Pih1d1	MmuINT0119640	chr7	52409911	52411675	+	0.259705
Pih1d1	MmuINT0119641	chr7	52411770	52412101	+	0.007773
Pih1d1	MmuINT0119642	chr7	52412169	52412972	+	0.005252
Pih1d1	MmuINT0119643	chr7	52413153	52413810	+	0.030697
Pih1d1	MmuINT0119644	chr7	52413873	52413956	+	0.025356
Pih1d1	MmuINT0119645	chr7	52414039	52414359	+	0.006331
Pih1d1	MmuINT0119646	chr7	52414490	52414622	+	0.004364
Pih1d1	MmuINT0119647	chr7	52414699	52415050	+	0.013259
Pih1d1	MmuINT0119648	chr7	52415195	52415311	+	0.007346
Pik3c2a	MmuINT0119671	chr7	1.24E+08	1.24E+08	-	0.05441
Pik3c2a	MmuINT0119675	chr7	1.24E+08	1.24E+08	-	0.039793
Pik3c2a	MmuINT0119676	chr7	1.24E+08	1.24E+08	-	0.082593
Pik3c2a	MmuINT0119677	chr7	1.24E+08	1.24E+08	-	0.059281
Pik3c2a	MmuINT0119679	chr7	1.24E+08	1.24E+08	-	0.058739
Pik3c2a	MmuINT0119680	chr7	1.24E+08	1.24E+08	-	0.064477
Pik3c2a	MmuINT0119682	chr7	1.24E+08	1.24E+08	-	0.05592
Pik3c2a	MmuINT0119683	chr7	1.23E+08	1.24E+08	-	0.051749
Pik3c2a	MmuINT0119684	chr7	1.23E+08	1.23E+08	-	0.056791
Pik3c2a	MmuINT0119685	chr7	1.23E+08	1.23E+08	-	0.040531
Pik3c2a	MmuINT0119686	chr7	1.23E+08	1.23E+08	-	0.104755
Pik3c2a	MmuINT0119687	chr7	1.23E+08	1.23E+08	-	0.103235
Pik3c2a	MmuINT0119688	chr7	1.23E+08	1.23E+08	-	0.121291
Pik3c2a	MmuINT0119689	chr7	1.23E+08	1.23E+08	-	0.051751
Pik3c2a	MmuINT0119690	chr7	1.23E+08	1.23E+08	-	0.052257
Pik3c2a	MmuINT0119691	chr7	1.23E+08	1.23E+08	-	0.051383
Pik3c2a	MmuINT0119692	chr7	1.24E+08	1.24E+08	-	0.052398
Pik3c2a	MmuINT0119693	chr7	1.23E+08	1.23E+08	-	0.109449
Pik3c2a	MmuINT0119694	chr7	1.23E+08	1.23E+08	-	0.095098
Pik3c2a	MmuINT0119695	chr7	1.23E+08	1.23E+08	-	0.041021
Pik3c2a	MmuINT0119698	chr7	1.24E+08	1.24E+08	-	0.079388

Pik3c2a	MmuINT0119700	chr7	1.24E+08	1.24E+08	-	0.055383
Pik3c2b	MmuINT0119703	chr1	1.35E+08	1.35E+08	+	0.030495
Pik3c2b	MmuINT0119704	chr1	1.35E+08	1.35E+08	+	0.024214
Pik3c2b	MmuINT0119705	chr1	1.35E+08	1.35E+08	+	0.239663
Pik3c2b	MmuINT0119706	chr1	1.35E+08	1.35E+08	+	0.022265
Pik3c2b	MmuINT0119707	chr1	1.35E+08	1.35E+08	+	0.095309
Pik3c2b	MmuINT0119709	chr1	1.35E+08	1.35E+08	+	0.056337
Pik3c2b	MmuINT0119711	chr1	1.35E+08	1.35E+08	+	0.075585
Pik3c2b	MmuINT0119712	chr1	1.35E+08	1.35E+08	+	0.026605
Pik3c2b	MmuINT0119714	chr1	1.35E+08	1.35E+08	+	0.016874
Pik3c2b	MmuINT0119715	chr1	1.35E+08	1.35E+08	+	0.019276
Pik3c2b	MmuINT0119716	chr1	1.35E+08	1.35E+08	+	0.061766
Pik3c2b	MmuINT0119717	chr1	1.35E+08	1.35E+08	+	0.050926
Pik3c2b	MmuINT0119719	chr1	1.35E+08	1.35E+08	+	0.022945
Pik3c2b	MmuINT0119720	chr1	1.35E+08	1.35E+08	+	0.027633
Pik3c2b	MmuINT0119721	chr1	1.35E+08	1.35E+08	+	0.014973
Pik3c2b	MmuINT0119722	chr1	1.35E+08	1.35E+08	+	0.029837
Pik3c2b	MmuINT0119723	chr1	1.35E+08	1.35E+08	+	0.023824
Pik3c2b	MmuINT0119724	chr1	1.35E+08	1.35E+08	+	0.020548
Pik3c2b	MmuINT0119725	chr1	1.35E+08	1.35E+08	+	0.030149
Pik3c2b	MmuINT0119726	chr1	1.35E+08	1.35E+08	+	0.023102
Pik3c2b	MmuINT0119727	chr1	1.35E+08	1.35E+08	+	0.04587
Pik3c2b	MmuINT0119728	chr1	1.35E+08	1.35E+08	+	0.04082
Pik3c2b	MmuINT0119729	chr1	1.35E+08	1.35E+08	+	0.019459
Pik3c2b	MmuINT0119730	chr1	1.35E+08	1.35E+08	+	0.022855
Pik3c2b	MmuINT0119731	chr1	1.35E+08	1.35E+08	+	0.031173
Pik3c2b	MmuINT0119732	chr1	1.35E+08	1.35E+08	+	0.024731
Pik3c2b	MmuINT0119733	chr1	1.35E+08	1.35E+08	+	0.032546
Pik3c3	MmuINT0119767	chr18	30432673	30433922	+	0.011328
Pik3c3	MmuINT0119768	chr18	30458413	30462573	+	0.016423
Pik3c3	MmuINT0119769	chr18	30462729	30463219	+	0.015013
Pik3c3	MmuINT0119770	chr18	30463311	30464628	+	0.01956
Pik3c3	MmuINT0119771	chr18	30464697	30470873	+	0.022809
Pik3c3	MmuINT0119772	chr18	30470980	30472205	+	0.015184
Pik3c3	MmuINT0119773	chr18	30472323	30476496	+	0.016517
Pik3c3	MmuINT0119774	chr18	30476629	30479154	+	0.015313
Pik3c3	MmuINT0119775	chr18	30479284	30479887	+	0.013226
Pik3c3	MmuINT0119776	chr18	30479958	30481823	+	0.01724
Pik3c3	MmuINT0119777	chr18	30481889	30483175	+	0.017405
Pik3c3	MmuINT0119778	chr18	30434112	30436625	+	0.013776
Pik3c3	MmuINT0119779	chr18	30483261	30484197	+	0.012359
Pik3c3	MmuINT0119780	chr18	30484273	30492814	+	0.020251
Pik3c3	MmuINT0119781	chr18	30492984	30495747	+	0.013973
Pik3c3	MmuINT0119782	chr18	30495839	30503604	+	0.02308
Pik3c3	MmuINT0119783	chr18	30503731	30507376	+	0.013726
Pik3c3	MmuINT0119784	chr18	30436770	30441610	+	0.013291
Pik3c3	MmuINT0119785	chr18	30441741	30448404	+	0.015525
Pik3c3	MmuINT0119786	chr18	30448492	30450124	+	0.023803
Pik3c3	MmuINT0119787	chr18	30450221	30452712	+	0.032008
Pik3c3	MmuINT0119788	chr18	30452785	30453272	+	0.021178

Pik3c3	MmuINT0119789	chr18	30453378	30453989	+	0.023064
Pik3c3	MmuINT0119790	chr18	30454083	30458226	+	0.017446
Pik3ca	MmuINT0119791	chr3	32335480	32336039	+	0.008631
Pik3ca	MmuINT0119792	chr3	32348527	32348830	+	0.007823
Pik3ca	MmuINT0119793	chr3	32348996	32349183	+	0.011862
Pik3ca	MmuINT0119794	chr3	32349288	32350677	+	0.007428
Pik3ca	MmuINT0119795	chr3	32350850	32352782	+	0.007752
Pik3ca	MmuINT0119796	chr3	32352890	32353300	+	0.010323
Pik3ca	MmuINT0119797	chr3	32353423	32355014	+	0.036858
Pik3ca	MmuINT0119798	chr3	32355094	32358783	+	0.019739
Pik3ca	MmuINT0119799	chr3	32358955	32360401	+	0.018234
Pik3ca	MmuINT0119800	chr3	32360520	32360618	+	0.011017
Pik3ca	MmuINT0119801	chr3	32360771	32361482	+	0.005156
Pik3ca	MmuINT0119802	chr3	32336250	32336738	+	0.008921
Pik3ca	MmuINT0119803	chr3	32336990	32338625	+	0.00954
Pik3ca	MmuINT0119804	chr3	32338872	32339548	+	0.010294
Pik3ca	MmuINT0119805	chr3	32339635	32341647	+	0.0128
Pik3ca	MmuINT0119806	chr3	32341754	32342500	+	0.011325
Pik3ca	MmuINT0119807	chr3	32342654	32342736	+	0.008528
Pik3ca	MmuINT0119808	chr3	32342872	32346876	+	0.006745
Pik3ca	MmuINT0119809	chr3	32347002	32348444	+	0.007957
Pik3cb	MmuINT0119810	chr9	99022796	99040409	-	0.063294
Pik3cb	MmuINT0119812	chr9	98966030	98970659	-	0.03351
Pik3cb	MmuINT0119813	chr9	98964628	98965978	-	0.030403
Pik3cb	MmuINT0119814	chr9	98963378	98964438	-	0.025449
Pik3cb	MmuINT0119815	chr9	98962294	98963255	-	0.024703
Pik3cb	MmuINT0119816	chr9	98960704	98962149	-	0.034799
Pik3cb	MmuINT0119817	chr9	98955940	98960603	-	0.031961
Pik3cb	MmuINT0119818	chr9	98954500	98955760	-	0.033327
Pik3cb	MmuINT0119819	chr9	98952803	98954389	-	0.02385
Pik3cb	MmuINT0119820	chr9	98947134	98952723	-	0.036777
Pik3cb	MmuINT0119821	chr9	99006137	99022702	-	0.038933
Pik3cb	MmuINT0119822	chr9	98945288	98946965	-	0.022157
Pik3cb	MmuINT0119823	chr9	98943089	98945163	-	0.025027
Pik3cb	MmuINT0119824	chr9	98941473	98942942	-	0.080578
Pik3cb	MmuINT0119825	chr9	98940270	98941339	-	0.019479
Pik3cb	MmuINT0119826	chr9	99001820	99005949	-	0.04449
Pik3cb	MmuINT0119827	chr9	98995083	99001593	-	0.038818
Pik3cb	MmuINT0119828	chr9	98993642	98994858	-	0.024214
Pik3cb	MmuINT0119829	chr9	98990740	98993461	-	0.026108
Pik3cb	MmuINT0119830	chr9	98989102	98990568	-	0.021779
Pik3cd	MmuINT0119841	chr4	1.49E+08	1.49E+08	-	0.149838
Pik3cd	MmuINT0119842	chr4	1.49E+08	1.49E+08	-	0.068241
Pik3cd	MmuINT0119844	chr4	1.49E+08	1.49E+08	-	0.136308
Pik3cd	MmuINT0119848	chr4	1.49E+08	1.49E+08	-	0.074953
Pik3cd	MmuINT0119850	chr4	1.49E+08	1.49E+08	-	0.164618
Pik3ip1	MmuINT0119870	chr11	3231008	3231917	+	0.014777
Pik3ip1	MmuINT0119871	chr11	3232035	3232111	+	0.0128
Pik3ip1	MmuINT0119872	chr11	3232232	3233211	+	0.015001
Pik3ip1	MmuINT0119873	chr11	3233416	3233507	+	0.003774

Pik3ip1	MmuINT0119874	chr11	3233587	3241525	+	0.021391
Pik3r1	MmuINT0119876	chr13	1.03E+08	1.03E+08	-	0.007055
Pik3r1	MmuINT0119877	chr13	1.02E+08	1.02E+08	-	0.004134
Pik3r1	MmuINT0119878	chr13	1.02E+08	1.02E+08	-	0.006787
Pik3r1	MmuINT0119879	chr13	1.02E+08	1.02E+08	-	0.004487
Pik3r1	MmuINT0119880	chr13	1.02E+08	1.02E+08	-	0.005926
Pik3r1	MmuINT0119881	chr13	1.02E+08	1.02E+08	-	0.003594
Pik3r1	MmuINT0119882	chr13	1.02E+08	1.02E+08	-	0.018813
Pik3r1	MmuINT0119883	chr13	1.02E+08	1.03E+08	-	0.005578
Pik3r1	MmuINT0119884	chr13	1.02E+08	1.02E+08	-	0.008903
Pik3r1	MmuINT0119885	chr13	1.02E+08	1.02E+08	-	0.010274
Pik3r1	MmuINT0119886	chr13	1.02E+08	1.02E+08	-	0.005563
Pik3r1	MmuINT0119887	chr13	1.02E+08	1.02E+08	-	0.005322
Pik3r1	MmuINT0119888	chr13	1.02E+08	1.02E+08	-	0.006179
Pik3r1	MmuINT0119889	chr13	1.02E+08	1.02E+08	-	0.010648
Pik3r1	MmuINT0119890	chr13	1.02E+08	1.02E+08	-	0.00438
Pik3r2	MmuINT0119891	chr8	73299252	73300505	-	0.120948
Pik3r2	MmuINT0119892	chr8	73294402	73294482	-	0.021298
Pik3r2	MmuINT0119893	chr8	73293947	73294275	-	0.012721
Pik3r2	MmuINT0119894	chr8	73293665	73293803	-	0.014219
Pik3r2	MmuINT0119895	chr8	73293319	73293487	-	0.061252
Pik3r2	MmuINT0119896	chr8	73293132	73293246	-	0.041025
Pik3r2	MmuINT0119897	chr8	73292797	73292960	-	0.086798
Pik3r2	MmuINT0119898	chr8	73296595	73298554	-	0.031832
Pik3r2	MmuINT0119899	chr8	73296302	73296501	-	0.024844
Pik3r2	MmuINT0119900	chr8	73296164	73296250	-	0.028178
Pik3r2	MmuINT0119901	chr8	73295931	73296031	-	0.017389
Pik3r2	MmuINT0119902	chr8	73295274	73295731	-	0.070665
Pik3r2	MmuINT0119903	chr8	73295062	73295187	-	0.039135
Pik3r2	MmuINT0119904	chr8	73294845	73294952	-	0.056295
Pik3r2	MmuINT0119905	chr8	73294664	73294745	-	0.017068
Pik3r3	MmuINT0119906	chr4	1.16E+08	1.16E+08	+	0.04124
Pik3r3	MmuINT0119907	chr4	1.16E+08	1.16E+08	+	0.029796
Pik3r3	MmuINT0119908	chr4	1.16E+08	1.16E+08	+	0.047838
Pik3r3	MmuINT0119909	chr4	1.16E+08	1.16E+08	+	0.028007
Pik3r3	MmuINT0119910	chr4	1.16E+08	1.16E+08	+	0.025603
Pik3r3	MmuINT0119911	chr4	1.16E+08	1.16E+08	+	0.024598
Pik3r3	MmuINT0119912	chr4	1.16E+08	1.16E+08	+	0.033721
Pik3r3	MmuINT0119913	chr4	1.16E+08	1.16E+08	+	0.03128
Pik3r3	MmuINT0119914	chr4	1.16E+08	1.16E+08	+	0.035178
Pik3r4	MmuINT0119915	chr9	1.06E+08	1.06E+08	+	0.064345
Pik3r4	MmuINT0119916	chr9	1.06E+08	1.06E+08	+	0.013229
Pik3r4	MmuINT0119917	chr9	1.06E+08	1.06E+08	+	0.012499
Pik3r4	MmuINT0119918	chr9	1.06E+08	1.06E+08	+	0.014188
Pik3r4	MmuINT0119919	chr9	1.06E+08	1.06E+08	+	0.035163
Pik3r4	MmuINT0119920	chr9	1.06E+08	1.06E+08	+	0.015692
Pik3r4	MmuINT0119921	chr9	1.06E+08	1.06E+08	+	0.041713
Pik3r4	MmuINT0119922	chr9	1.06E+08	1.06E+08	+	0.058019
Pik3r4	MmuINT0119923	chr9	1.06E+08	1.06E+08	+	0.017017
Pik3r4	MmuINT0119924	chr9	1.06E+08	1.06E+08	+	0.027503

Pik3r4	MmuINT0119925	chr9	1.06E+08	1.06E+08	+	0.025915
Pik3r4	MmuINT0119926	chr9	1.06E+08	1.06E+08	+	0.015611
Pik3r4	MmuINT0119927	chr9	1.06E+08	1.06E+08	+	0.013425
Pik3r4	MmuINT0119928	chr9	1.06E+08	1.06E+08	+	0.017454
Pik3r4	MmuINT0119929	chr9	1.06E+08	1.06E+08	+	0.028487
Pik3r4	MmuINT0119930	chr9	1.06E+08	1.06E+08	+	0.015285
Pik3r4	MmuINT0119931	chr9	1.06E+08	1.06E+08	+	0.020474
Pik3r4	MmuINT0119932	chr9	1.06E+08	1.06E+08	+	0.025025
Pik3r4	MmuINT0119933	chr9	1.06E+08	1.06E+08	+	0.025059
Pik3r6	MmuINT0119952	chr11	68316750	68333693	+	0.037861
Pik3r6	MmuINT0119953	chr11	68346083	68346967	+	0.244
Pik3r6	MmuINT0119954	chr11	68347383	68347694	+	0.11615
Pik3r6	MmuINT0119956	chr11	68353512	68357099	+	0.036696
Pik3r6	MmuINT0119957	chr11	68357188	68357478	+	0.045272
Pik3r6	MmuINT0119958	chr11	68357550	68358221	+	0.160615
Pik3r6	MmuINT0119959	chr11	68358313	68359298	+	0.392956
Pik3r6	MmuINT0119960	chr11	68359418	68364725	+	0.133281
Pik3r6	MmuINT0119961	chr11	68364839	68365392	+	0.090852
Pik3r6	MmuINT0119968	chr11	68343578	68344923	+	0.051718
Pikfyve	MmuINT0119982	chr1	65237074	65238718	+	0.065763
Pikfyve	MmuINT0119983	chr1	65293793	65296759	+	0.057248
Pikfyve	MmuINT0119986	chr1	65299158	65299925	+	0.05098
Pikfyve	MmuINT0119989	chr1	65302205	65302512	+	0.062205
Pikfyve	MmuINT0119994	chr1	65305495	65306572	+	0.057525
Pikfyve	MmuINT0119995	chr1	65306694	65309453	+	0.047212
Pikfyve	MmuINT0119998	chr1	65311921	65312335	+	0.074065
Pikfyve	MmuINT0119999	chr1	65312501	65314399	+	0.056837
Pikfyve	MmuINT0120000	chr1	65314460	65315271	+	0.163991
Pikfyve	MmuINT0120001	chr1	65315449	65316446	+	0.092783
Pikfyve	MmuINT0120003	chr1	65317971	65319020	+	0.05483
Pikfyve	MmuINT0120004	chr1	65239141	65242229	+	0.052937
Pikfyve	MmuINT0120005	chr1	65319283	65319606	+	0.07487
Pikfyve	MmuINT0120006	chr1	65319682	65320216	+	0.059032
Pikfyve	MmuINT0120007	chr1	65242349	65243185	+	0.038619
Pikfyve	MmuINT0120008	chr1	65243358	65249289	+	0.049375
Pikfyve	MmuINT0120009	chr1	65249498	65252162	+	0.055059
Pikfyve	MmuINT0120010	chr1	65252253	65262507	+	0.310255
Pim1	MmuINT0120025	chr17	29628171	29628269	+	0.132179
Pim1	MmuINT0120026	chr17	29628377	29628464	+	0.127984
Pim1	MmuINT0120027	chr17	29628516	29628609	+	0.141742
Pim1	MmuINT0120028	chr17	29628977	29630666	+	0.1047
Pim1	MmuINT0120029	chr17	29630844	29631534	+	0.033633
Pim2	MmuINT0120033	chrX	7458747	7459198	+	0.015423
Pim3	MmuINT0120035	chr15	88693183	88693267	+	0.005209
Pim3	MmuINT0120036	chr15	88693378	88693470	+	0.020148
Pim3	MmuINT0120037	chr15	88693522	88693608	+	0.029719
Pim3	MmuINT0120038	chr15	88693979	88694745	+	0.067522
Pim3	MmuINT0120039	chr15	88694923	88695004	+	0.018456
Pin1	MmuINT0120040	chr9	20456642	20459805	+	0.00683
Pin1	MmuINT0120041	chr9	20460025	20466741	+	0.000556

Pin1	MmuINT0120042	chr9	20466853	20467618	+	0.001607
Pink1	MmuINT0120051	chr4	1.38E+08	1.38E+08	-	0.002291
Pink1	MmuINT0120052	chr4	1.38E+08	1.38E+08	-	0.001236
Pink1	MmuINT0120053	chr4	1.38E+08	1.38E+08	-	0.002038
Pink1	MmuINT0120054	chr4	1.38E+08	1.38E+08	-	0.002341
Pink1	MmuINT0120055	chr4	1.38E+08	1.38E+08	-	0.002713
Pink1	MmuINT0120056	chr4	1.38E+08	1.38E+08	-	0.000355
Pink1	MmuINT0120057	chr4	1.38E+08	1.38E+08	-	0.000226
Pinx1	MmuINT0120058	chr14	64479285	64483052	+	0.031953
Pinx1	MmuINT0120059	chr14	64483163	64484939	+	0.034212
Pinx1	MmuINT0120060	chr14	64485033	64487355	+	0.057271
Pinx1	MmuINT0120061	chr14	64487435	64491138	+	0.058283
Pinx1	MmuINT0120062	chr14	64491232	64496948	+	0.039894
Pinx1	MmuINT0120063	chr14	64497026	64537933	+	0.092284
Pion	MmuINT0120064	chr5	20692278	20700217	+	0.074544
Pion	MmuINT0120067	chr5	20735065	20748622	+	0.199072
Pion	MmuINT0120087	chr5	20795963	20796355	+	0.117924
Pip4k2a	MmuINT0120097	chr2	18829780	18919478	-	0.063322
Pip4k2a	MmuINT0120098	chr2	18827953	18829681	-	0.043362
Pip4k2a	MmuINT0120099	chr2	18810832	18827855	-	0.039968
Pip4k2a	MmuINT0120100	chr2	18794058	18810678	-	0.03427
Pip4k2a	MmuINT0120101	chr2	18787778	18793910	-	0.058504
Pip4k2a	MmuINT0120102	chr2	18774554	18787738	-	0.053401
Pip4k2a	MmuINT0120103	chr2	18769305	18774439	-	0.050902
Pip4k2a	MmuINT0120104	chr2	18767606	18769060	-	0.071927
Pip4k2a	MmuINT0120105	chr2	18766088	18767501	-	0.026211
Pip4k2b	MmuINT0120106	chr11	97594070	97605759	-	0.032842
Pip4k2b	MmuINT0120107	chr11	97590965	97593971	-	0.017625
Pip4k2b	MmuINT0120108	chr11	97588172	97590867	-	0.012297
Pip4k2b	MmuINT0120109	chr11	97585840	97588018	-	0.01522
Pip4k2b	MmuINT0120110	chr11	97584293	97585692	-	0.014845
Pip4k2b	MmuINT0120111	chr11	97583790	97584253	-	0.011693
Pip4k2b	MmuINT0120112	chr11	97581796	97583675	-	0.016765
Pip4k2b	MmuINT0120113	chr11	97581148	97581536	-	0.012776
Pip4k2b	MmuINT0120114	chr11	97580254	97581043	-	0.015691
Pip4k2c	MmuINT0120115	chr10	1.27E+08	1.27E+08	-	0.027264
Pip4k2c	MmuINT0120116	chr10	1.27E+08	1.27E+08	-	0.007481
Pip4k2c	MmuINT0120117	chr10	1.27E+08	1.27E+08	-	0.009606
Pip4k2c	MmuINT0120118	chr10	1.27E+08	1.27E+08	-	0.013816
Pip4k2c	MmuINT0120119	chr10	1.27E+08	1.27E+08	-	0.012156
Pip4k2c	MmuINT0120120	chr10	1.27E+08	1.27E+08	-	0.016872
Pip4k2c	MmuINT0120121	chr10	1.27E+08	1.27E+08	-	0.009484
Pip4k2c	MmuINT0120122	chr10	1.27E+08	1.27E+08	-	0.012794
Pip4k2c	MmuINT0120123	chr10	1.27E+08	1.27E+08	-	0.025133
Pip5k1a	MmuINT0120125	chr3	94869428	94869733	-	0.067628
Pip5k1a	MmuINT0120126	chr3	94868397	94869342	-	0.055931
Pip5k1a	MmuINT0120127	chr3	94867707	94868252	-	0.023917
Pip5k1a	MmuINT0120128	chr3	94864452	94867576	-	0.029115
Pip5k1a	MmuINT0120129	chr3	94864008	94864405	-	0.024858
Pip5k1a	MmuINT0120131	chr3	94878046	94882023	-	0.028079

Pip5k1a	MmuINT0120132	chr3	94876443	94877914	-	0.011249
Pip5k1a	MmuINT0120133	chr3	94875965	94876324	-	0.014136
Pip5k1a	MmuINT0120135	chr3	94872189	94874633	-	0.016695
Pip5k1a	MmuINT0120136	chr3	94871388	94871982	-	0.016543
Pip5k1a	MmuINT0120137	chr3	94869783	94871303	-	0.022485
Pip5k1b	MmuINT0120138	chr19	24518179	24630254	-	0.035749
Pip5k1b	MmuINT0120139	chr19	24429693	24432519	-	0.011277
Pip5k1b	MmuINT0120140	chr19	24424780	24429607	-	0.004109
Pip5k1b	MmuINT0120141	chr19	24420872	24424623	-	0.005277
Pip5k1b	MmuINT0120142	chr19	24378637	24420726	-	0.011833
Pip5k1b	MmuINT0120143	chr19	24370045	24378521	-	0.01052
Pip5k1b	MmuINT0120144	chr19	24513612	24518091	-	0.00689
Pip5k1b	MmuINT0120145	chr19	24471637	24513542	-	0.007908
Pip5k1b	MmuINT0120146	chr19	24464952	24471505	-	0.007962
Pip5k1b	MmuINT0120147	chr19	24456331	24464833	-	0.004924
Pip5k1b	MmuINT0120148	chr19	24453592	24456177	-	0.005554
Pip5k1b	MmuINT0120149	chr19	24434642	24453291	-	0.010231
Pip5k1b	MmuINT0120150	chr19	24432785	24434429	-	0.00683
Pip5k1b	MmuINT0120151	chr19	24432569	24432700	-	0.010495
Pip5k1c	MmuINT0120153	chr10	80755898	80767428	+	0.015053
Pip5k1c	MmuINT0120154	chr10	80774768	80775246	+	0.047613
Pip5k1c	MmuINT0120155	chr10	80775332	80775652	+	0.023499
Pip5k1c	MmuINT0120156	chr10	80775815	80776107	+	0.069737
Pip5k1c	MmuINT0120157	chr10	80776247	80776364	+	0.013413
Pip5k1c	MmuINT0120158	chr10	80776398	80776739	+	0.102351
Pip5k1c	MmuINT0120159	chr10	80776839	80777736	+	0.0306
Pip5k1c	MmuINT0120160	chr10	80777864	80780070	+	0.168006
Pip5k1c	MmuINT0120161	chr10	80780149	80780510	+	0.124236
Pip5k1c	MmuINT0120162	chr10	80767461	80767930	+	0.021167
Pip5k1c	MmuINT0120163	chr10	80768024	80768443	+	0.018941
Pip5k1c	MmuINT0120164	chr10	80768575	80769052	+	0.009563
Pip5k1c	MmuINT0120165	chr10	80769171	80770228	+	0.045338
Pip5k1c	MmuINT0120166	chr10	80770382	80771692	+	0.010461
Pip5k1c	MmuINT0120167	chr10	80771993	80773423	+	0.012649
Pip5k1c	MmuINT0120168	chr10	80773630	80774387	+	0.07064
Pip5k1c	MmuINT0120169	chr10	80774472	80774718	+	0.045392
Pir	MmuINT0120186	chrX	1.61E+08	1.61E+08	+	0.028762
Pir	MmuINT0120187	chrX	1.61E+08	1.61E+08	+	0.037291
Pir	MmuINT0120188	chrX	1.61E+08	1.61E+08	+	0.034884
Pir	MmuINT0120189	chrX	1.61E+08	1.61E+08	+	0.041008
Pir	MmuINT0120190	chrX	1.61E+08	1.61E+08	+	0.026801
Pir	MmuINT0120191	chrX	1.61E+08	1.61E+08	+	0.05387
Pir	MmuINT0120192	chrX	1.61E+08	1.61E+08	+	0.04763
Pir	MmuINT0120193	chrX	1.61E+08	1.61E+08	+	0.04862
Pir	MmuINT0120194	chrX	1.61E+08	1.61E+08	+	0.033052
Pirt	MmuINT0120215	chr11	66725645	66739340	+	0.029802
Pisd	MmuINT0120216	chr5	33117116	33128197	-	0.014977
Pisd	MmuINT0120217	chr5	33107598	33117044	-	0.009653
Pisd	MmuINT0120218	chr5	33082022	33107421	-	0.016627
Pisd-ps2	MmuINT0120224	chr17	3079592	3080868	-	0.002431



Pitpna	MmuINT0120236	chr11	75401855	75405690	+	0.003467
Pitpna	MmuINT0120237	chr11	75439033	75439618	+	0.002192
Pitpna	MmuINT0120238	chr11	75405722	75411681	+	0.003701
Pitpna	MmuINT0120239	chr11	75411831	75416890	+	0.012211
Pitpna	MmuINT0120241	chr11	75422682	75425721	+	0.00283
Pitpna	MmuINT0120242	chr11	75425806	75432741	+	0.007408
Pitpna	MmuINT0120243	chr11	75432820	75432957	+	0.004698
Pitpna	MmuINT0120244	chr11	75433069	75433755	+	0.002822
Pitpna	MmuINT0120245	chr11	75433879	75438966	+	0.005542
Pitpnb	MmuINT0120246	chr5	1.12E+08	1.12E+08	+	0.006962
Pitpnb	MmuINT0120247	chr5	1.12E+08	1.12E+08	+	0.068174
Pitpnb	MmuINT0120248	chr5	1.12E+08	1.12E+08	+	0.096708
Pitpnb	MmuINT0120249	chr5	1.12E+08	1.12E+08	+	0.004068
Pitpnb	MmuINT0120250	chr5	1.12E+08	1.12E+08	+	0.005937
Pitpnb	MmuINT0120251	chr5	1.12E+08	1.12E+08	+	0.016488
Pitpnb	MmuINT0120252	chr5	1.12E+08	1.12E+08	+	0.005084
Pitpnb	MmuINT0120253	chr5	1.12E+08	1.12E+08	+	0.00726
Pitpnb	MmuINT0120254	chr5	1.12E+08	1.12E+08	+	0.004875
Pitpnb	MmuINT0120255	chr5	1.12E+08	1.12E+08	+	0.00636
Pitpnb	MmuINT0120256	chr5	1.12E+08	1.12E+08	+	0.005312
Pitpnc1	MmuINT0120257	chr11	1.07E+08	1.07E+08	-	0.338062
Pitpnc1	MmuINT0120259	chr11	1.07E+08	1.07E+08	-	0.002239
Pitpnc1	MmuINT0120261	chr11	1.07E+08	1.07E+08	-	0.013179
Pitpnc1	MmuINT0120262	chr11	1.07E+08	1.07E+08	-	0.009342
Pitpnc1	MmuINT0120263	chr11	1.07E+08	1.07E+08	-	0.002323
Pitpnc1	MmuINT0120264	chr11	1.07E+08	1.07E+08	-	0.040696
Pitpnc1	MmuINT0120265	chr11	1.07E+08	1.07E+08	-	0.070074
Pitpnm1	MmuINT0120266	chr19	4107976	4108085	+	0.038187
Pitpnm1	MmuINT0120267	chr19	4108194	4108422	+	0.098722
Pitpnm1	MmuINT0120268	chr19	4108581	4108664	+	0.016629
Pitpnm1	MmuINT0120269	chr19	4108868	4109825	+	0.030184
Pitpnm1	MmuINT0120270	chr19	4109997	4110494	+	0.025989
Pitpnm1	MmuINT0120271	chr19	4110660	4110841	+	0.077766
Pitpnm1	MmuINT0120272	chr19	4110991	4111078	+	0.027795
Pitpnm1	MmuINT0120273	chr19	4111190	4111581	+	0.025802
Pitpnm1	MmuINT0120274	chr19	4111699	4111865	+	0.037086
Pitpnm1	MmuINT0120275	chr19	4112015	4112100	+	0.012924
Pitpnm1	MmuINT0120276	chr19	4102888	4102974	+	0.014314
Pitpnm1	MmuINT0120277	chr19	4112251	4112326	+	0.028713
Pitpnm1	MmuINT0120278	chr19	4112511	4112747	+	0.063799
Pitpnm1	MmuINT0120279	chr19	4112877	4113484	+	0.01735
Pitpnm1	MmuINT0120280	chr19	4103097	4103260	+	0.018088
Pitpnm1	MmuINT0120281	chr19	4103486	4104813	+	0.024224
Pitpnm1	MmuINT0120282	chr19	4105141	4105229	+	0.016819
Pitpnm1	MmuINT0120283	chr19	4105326	4105414	+	0.040171
Pitpnm1	MmuINT0120284	chr19	4105523	4106563	+	0.057299
Pitpnm1	MmuINT0120285	chr19	4106626	4106711	+	0.020805
Pitpnm1	MmuINT0120286	chr19	4106963	4107785	+	0.233338
Pitpnm2	MmuINT0120287	chr5	1.25E+08	1.25E+08	-	0.01468
Pitpnm2	MmuINT0120288	chr5	1.25E+08	1.25E+08	-	0.010371

Pitpnm2	MmuINT0120289	chr5	1.25E+08	1.25E+08	-	0.009534
Pitpnm2	MmuINT0120290	chr5	1.25E+08	1.25E+08	-	0.087922
Pitpnm2	MmuINT0120291	chr5	1.25E+08	1.25E+08	-	0.00681
Pitpnm2	MmuINT0120292	chr5	1.25E+08	1.25E+08	-	0.008581
Pitpnm2	MmuINT0120293	chr5	1.25E+08	1.25E+08	-	0.054084
Pitpnm2	MmuINT0120294	chr5	1.25E+08	1.25E+08	-	0.818892
Pitpnm2	MmuINT0120295	chr5	1.25E+08	1.25E+08	-	0.010363
Pitpnm2	MmuINT0120297	chr5	1.25E+08	1.25E+08	-	0.012963
Pitpnm2	MmuINT0120298	chr5	1.25E+08	1.25E+08	-	0.009371
Pitpnm2	MmuINT0120299	chr5	1.25E+08	1.25E+08	-	0.060953
Pitpnm2	MmuINT0120300	chr5	1.25E+08	1.25E+08	-	0.042208
Pitpnm2	MmuINT0120301	chr5	1.25E+08	1.25E+08	-	0.015321
Pitpnm2	MmuINT0120302	chr5	1.25E+08	1.25E+08	-	0.010852
Pitpnm2	MmuINT0120303	chr5	1.25E+08	1.25E+08	-	0.023415
Pitpnm2	MmuINT0120304	chr5	1.25E+08	1.25E+08	-	0.046665
Pitpnm2	MmuINT0120305	chr5	1.25E+08	1.25E+08	-	0.008185
Pitpnm2	MmuINT0120306	chr5	1.25E+08	1.25E+08	-	0.00716
Pitpnm2	MmuINT0120307	chr5	1.25E+08	1.25E+08	-	0.006549
Pitpnm2	MmuINT0120308	chr5	1.25E+08	1.25E+08	-	0.011923
Pitpnm2	MmuINT0120309	chr5	1.25E+08	1.25E+08	-	0.010483
Pitrm1	MmuINT0120330	chr13	6547476	6548825	+	0.030337
Pitrm1	MmuINT0120331	chr13	6558730	6559275	+	0.0045
Pitrm1	MmuINT0120332	chr13	6559390	6559847	+	0.006052
Pitrm1	MmuINT0120333	chr13	6559945	6561198	+	0.008979
Pitrm1	MmuINT0120334	chr13	6561334	6562621	+	0.00508
Pitrm1	MmuINT0120335	chr13	6562761	6564236	+	0.012021
Pitrm1	MmuINT0120336	chr13	6564354	6566595	+	0.047674
Pitrm1	MmuINT0120337	chr13	6566729	6567909	+	0.014501
Pitrm1	MmuINT0120338	chr13	6568031	6568144	+	0.008164
Pitrm1	MmuINT0120339	chr13	6568222	6568445	+	0.010028
Pitrm1	MmuINT0120340	chr13	6568612	6569847	+	0.004432
Pitrm1	MmuINT0120341	chr13	6548929	6551879	+	0.007047
Pitrm1	MmuINT0120342	chr13	6569949	6572286	+	0.002978
Pitrm1	MmuINT0120343	chr13	6572408	6573605	+	0.006942
Pitrm1	MmuINT0120344	chr13	6573678	6574262	+	0.024347
Pitrm1	MmuINT0120345	chr13	6574376	6576635	+	0.015439
Pitrm1	MmuINT0120346	chr13	6576762	6577686	+	0.00478
Pitrm1	MmuINT0120347	chr13	6577833	6578663	+	0.00528
Pitrm1	MmuINT0120348	chr13	6578767	6578895	+	0.004083
Pitrm1	MmuINT0120349	chr13	6551987	6552427	+	0.007784
Pitrm1	MmuINT0120350	chr13	6552580	6554599	+	0.00857
Pitrm1	MmuINT0120351	chr13	6554715	6554797	+	0.006848
Pitrm1	MmuINT0120352	chr13	6554895	6555787	+	0.005349
Pitrm1	MmuINT0120353	chr13	6555949	6557007	+	0.010258
Pitrm1	MmuINT0120354	chr13	6557135	6557401	+	0.011278
Pitrm1	MmuINT0120355	chr13	6557491	6558600	+	0.005429
Pja1	MmuINT0120427	chrX	96663654	96665955	-	0.031341
Pja1	MmuINT0120428	chrX	96662913	96663461	-	0.986683
Pja2	MmuINT0120433	chr17	64659008	64660511	-	0.001832
Pja2	MmuINT0120434	chr17	64642366	64657962	-	0.007644

Pja2	MmuINT0120436	chr17	64636984	64639273	-	0.00346
Pja2	MmuINT0120437	chr17	64636464	64636868	-	0.005796
Pja2	MmuINT0120438	chr17	64632888	64636341	-	0.003477
Pkd1	MmuINT0120445	chr17	24713189	24713382	+	0.033871
Pkd1	MmuINT0120448	chr17	24714975	24715040	+	0.079473
Pkd1	MmuINT0120451	chr17	24715484	24715755	+	0.037156
Pkd1	MmuINT0120452	chr17	24715906	24716665	+	0.020777
Pkd1	MmuINT0120453	chr17	24716811	24716899	+	0.030063
Pkd1	MmuINT0120454	chr17	24717521	24717819	+	0.016055
Pkd1	MmuINT0120455	chr17	24717977	24718135	+	0.01214
Pkd1	MmuINT0120456	chr17	24718389	24718507	+	0.015215
Pkd1	MmuINT0120457	chr17	24718704	24722621	+	0.018063
Pkd1	MmuINT0120458	chr17	24722793	24722867	+	0.059269
Pkd1	MmuINT0120459	chr17	24723012	24723108	+	0.029738
Pkd1	MmuINT0120460	chr17	24723320	24723406	+	0.020745
Pkd1	MmuINT0120462	chr17	24723534	24724123	+	0.179026
Pkd1	MmuINT0120463	chr17	24724238	24724344	+	0.084662
Pkd1	MmuINT0120464	chr17	24724395	24724594	+	0.04645
Pkd1	MmuINT0120465	chr17	24724780	24724872	+	0.054991
Pkd1	MmuINT0120466	chr17	24724967	24727763	+	0.093225
Pkd1	MmuINT0120467	chr17	24727883	24727959	+	0.111111
Pkd1	MmuINT0120468	chr17	24728163	24728231	+	0.019811
Pkd1	MmuINT0120469	chr17	24728427	24728782	+	0.037482
Pkd1	MmuINT0120470	chr17	24728923	24729555	+	0.056411
Pkd1	MmuINT0120471	chr17	24729669	24730149	+	0.03886
Pkd1	MmuINT0120473	chr17	24730292	24730420	+	0.024254
Pkd1	MmuINT0120474	chr17	24730547	24730743	+	0.032994
Pkd1	MmuINT0120475	chr17	24730919	24731032	+	0.035994
Pkd1	MmuINT0120476	chr17	24731324	24731405	+	0.04276
Pkd1	MmuINT0120477	chr17	24731541	24731616	+	0.046626
Pkd1	MmuINT0120478	chr17	24731923	24732016	+	0.026347
Pkd113	MmuINT0120548	chr8	1.12E+08	1.12E+08	+	0.945121
Pkd113	MmuINT0120549	chr8	1.12E+08	1.12E+08	+	0.944835
Pkd113	MmuINT0120551	chr8	1.12E+08	1.12E+08	+	0.950579
Pkd2	MmuINT0120559	chr5	1.05E+08	1.05E+08	+	0.011906
Pkd2	MmuINT0120560	chr5	1.05E+08	1.05E+08	+	0.014205
Pkd2	MmuINT0120561	chr5	1.05E+08	1.05E+08	+	0.036622
Pkd2	MmuINT0120562	chr5	1.05E+08	1.05E+08	+	0.015025
Pkd2	MmuINT0120563	chr5	1.05E+08	1.05E+08	+	0.032784
Pkd2	MmuINT0120564	chr5	1.05E+08	1.05E+08	+	0.019737
Pkd2	MmuINT0120565	chr5	1.05E+08	1.05E+08	+	0.013174
Pkd2	MmuINT0120566	chr5	1.05E+08	1.05E+08	+	0.030028
Pkd2	MmuINT0120567	chr5	1.05E+08	1.05E+08	+	0.011496
Pkd2	MmuINT0120568	chr5	1.05E+08	1.05E+08	+	0.03001
Pkd2	MmuINT0120569	chr5	1.05E+08	1.05E+08	+	0.048766
Pkd2	MmuINT0120570	chr5	1.05E+08	1.05E+08	+	0.160675
Pkd2	MmuINT0120571	chr5	1.05E+08	1.05E+08	+	0.157496
Pkd212	MmuINT0120586	chr18	34569152	34569463	+	0.099411
Pkd212	MmuINT0120592	chr18	34569566	34572334	+	0.232956
Pkd212	MmuINT0120593	chr18	34572469	34574116	+	0.201246

Pkd2l2	MmuINT0120594	chr18	34574374	34576481	+	0.011053
Pkd2l2	MmuINT0120595	chr18	34576704	34584669	+	0.319496
Pkd2l2	MmuINT0120596	chr18	34584899	34586970	+	0.032427
Pkd2l2	MmuINT0120598	chr18	34587923	34589879	+	0.035129
Pkd2l2	MmuINT0120599	chr18	34590001	34590336	+	0.043011
Pkdcc	MmuINT0120601	chr17	83615445	83619373	+	0.047986
Pkdcc	MmuINT0120602	chr17	83619497	83620305	+	0.023175
Pkdcc	MmuINT0120603	chr17	83620578	83621129	+	0.083995
Pkdcc	MmuINT0120604	chr17	83621210	83621465	+	0.009909
Pkdcc	MmuINT0120605	chr17	83621571	83623122	+	0.065063
Pkdcc	MmuINT0120606	chr17	83623297	83623531	+	0.014413
Pkia	MmuINT0120749	chr3	7366753	7437337	+	0.004823
Pkia	MmuINT0120750	chr3	7437516	7442010	+	0.00323
Pkib	MmuINT0120754	chr10	57412077	57447895	+	0.94337
Pkib	MmuINT0120755	chr10	57448073	57456095	+	0.074155
Pkig	MmuINT0120762	chr2	1.63E+08	1.64E+08	+	0.007036
Pkig	MmuINT0120764	chr2	1.64E+08	1.64E+08	+	0.005873
Pkm2	MmuINT0120777	chr9	59504457	59513006	+	0.000534
Pkm2	MmuINT0120785	chr9	59519881	59523374	+	0.036493
Pkmyt1	MmuINT0120788	chr17	23869792	23870789	+	0.477916
Pkmyt1	MmuINT0120789	chr17	23871284	23871932	+	0.588521
Pkmyt1	MmuINT0120790	chr17	23872040	23872166	+	0.212492
Pkmyt1	MmuINT0120791	chr17	23872340	23872529	+	0.663813
Pkmyt1	MmuINT0120792	chr17	23873369	23873461	+	0.88483
Pkn1	MmuINT0120793	chr8	86216836	86222865	-	0.009226
Pkn1	MmuINT0120794	chr8	86201747	86201829	-	0.009533
Pkn1	MmuINT0120795	chr8	86201517	86201604	-	0.006599
Pkn1	MmuINT0120796	chr8	86197610	86201422	-	0.025508
Pkn1	MmuINT0120797	chr8	86197456	86197529	-	0.119896
Pkn1	MmuINT0120798	chr8	86197293	86197379	-	0.015435
Pkn1	MmuINT0120799	chr8	86196232	86197200	-	0.01727
Pkn1	MmuINT0120800	chr8	86195869	86196054	-	0.011994
Pkn1	MmuINT0120801	chr8	86195693	86195805	-	0.040291
Pkn1	MmuINT0120802	chr8	86195341	86195615	-	0.056061
Pkn1	MmuINT0120803	chr8	86194929	86195197	-	0.011203
Pkn1	MmuINT0120804	chr8	86215100	86216534	-	0.00859
Pkn1	MmuINT0120805	chr8	86194719	86194820	-	0.005519
Pkn1	MmuINT0120806	chr8	86194268	86194637	-	0.05972
Pkn1	MmuINT0120807	chr8	86211084	86214947	-	0.026903
Pkn1	MmuINT0120808	chr8	86208681	86210938	-	0.007735
Pkn1	MmuINT0120809	chr8	86208116	86208534	-	0.010111
Pkn1	MmuINT0120810	chr8	86207493	86207901	-	0.007026
Pkn1	MmuINT0120811	chr8	86205189	86207297	-	0.020219
Pkn1	MmuINT0120812	chr8	86204997	86205078	-	0.006361
Pkn1	MmuINT0120813	chr8	86201906	86204852	-	0.00731
Pkn2	MmuINT0120814	chr3	1.43E+08	1.43E+08	-	0.012106
Pkn2	MmuINT0120815	chr3	1.42E+08	1.42E+08	-	0.013604
Pkn2	MmuINT0120816	chr3	1.42E+08	1.42E+08	-	0.012103
Pkn2	MmuINT0120817	chr3	1.42E+08	1.42E+08	-	0.015117
Pkn2	MmuINT0120818	chr3	1.42E+08	1.42E+08	-	0.015817

Pkn2	MmuINT0120819	chr3	1.42E+08	1.42E+08	-	0.021214
Pkn2	MmuINT0120820	chr3	1.42E+08	1.42E+08	-	0.010463
Pkn2	MmuINT0120821	chr3	1.42E+08	1.42E+08	-	0.018838
Pkn2	MmuINT0120822	chr3	1.42E+08	1.42E+08	-	0.017251
Pkn2	MmuINT0120823	chr3	1.42E+08	1.42E+08	-	0.011826
Pkn2	MmuINT0120824	chr3	1.42E+08	1.42E+08	-	0.04714
Pkn2	MmuINT0120825	chr3	1.43E+08	1.43E+08	-	0.009816
Pkn2	MmuINT0120826	chr3	1.42E+08	1.42E+08	-	0.041581
Pkn2	MmuINT0120827	chr3	1.42E+08	1.42E+08	-	0.01243
Pkn2	MmuINT0120828	chr3	1.42E+08	1.43E+08	-	0.012235
Pkn2	MmuINT0120829	chr3	1.42E+08	1.42E+08	-	0.011125
Pkn2	MmuINT0120830	chr3	1.42E+08	1.42E+08	-	0.00983
Pkn2	MmuINT0120831	chr3	1.42E+08	1.42E+08	-	0.013435
Pkn2	MmuINT0120832	chr3	1.42E+08	1.42E+08	-	0.024278
Pkn2	MmuINT0120833	chr3	1.42E+08	1.42E+08	-	0.014756
Pkn2	MmuINT0120834	chr3	1.42E+08	1.42E+08	-	0.018942
Pkn3	MmuINT0120835	chr2	29934311	29935053	+	0.027826
Pkn3	MmuINT0120836	chr2	29940287	29940369	+	0.1111
Pkn3	MmuINT0120837	chr2	29940533	29940702	+	0.029181
Pkn3	MmuINT0120838	chr2	29940800	29940879	+	0.217885
Pkn3	MmuINT0120839	chr2	29940948	29941956	+	0.068526
Pkn3	MmuINT0120840	chr2	29942021	29942151	+	0.047186
Pkn3	MmuINT0120841	chr2	29942244	29942544	+	0.058305
Pkn3	MmuINT0120842	chr2	29942722	29944039	+	0.105867
Pkn3	MmuINT0120843	chr2	29944103	29944215	+	0.087732
Pkn3	MmuINT0120844	chr2	29944293	29945358	+	0.14373
Pkn3	MmuINT0120845	chr2	29945502	29945587	+	0.036652
Pkn3	MmuINT0120846	chr2	29935283	29935445	+	0.042077
Pkn3	MmuINT0120847	chr2	29945696	29945850	+	0.034045
Pkn3	MmuINT0120848	chr2	29945932	29946042	+	0.029459
Pkn3	MmuINT0120849	chr2	29935592	29936094	+	0.712397
Pkn3	MmuINT0120850	chr2	29936207	29936275	+	0.102263
Pkn3	MmuINT0120851	chr2	29936404	29936572	+	0.046519
Pkn3	MmuINT0120852	chr2	29936757	29938335	+	0.055085
Pkn3	MmuINT0120853	chr2	29938483	29938560	+	0.341358
Pkn3	MmuINT0120854	chr2	29938671	29938758	+	0.243043
Pkn3	MmuINT0120855	chr2	29938903	29940210	+	0.422743
Pkn3	MmuINT0120857	chr17	31740305	31741697	+	0.032444
Pkn3	MmuINT0120858	chr17	31720749	31725404	+	0.042805
Pkn3	MmuINT0120859	chr17	31725533	31727547	+	0.035736
Pkn3	MmuINT0120860	chr17	31727720	31729049	+	0.022628
Pkn3	MmuINT0120861	chr17	31729221	31732169	+	0.060845
Pkn3	MmuINT0120862	chr17	31732270	31733740	+	0.038588
Pkn3	MmuINT0120863	chr17	31733839	31736459	+	0.053154
Pkn3	MmuINT0120864	chr17	31736589	31739730	+	0.035941
Pkn3	MmuINT0120865	chr17	31739808	31740131	+	0.030709
Pkn3	MmuINT0120879	chr9	36702973	36717213	-	0.103669
Pkn3	MmuINT0120893	chr16	16213689	16225393	+	0.002666
Pkn3	MmuINT0120894	chr16	16267424	16268610	+	0.001202
Pkn3	MmuINT0120895	chr16	16268801	16269777	+	0.001582

Pkp2	MmuINT0120896	chr16	16269866	16272261	+	0.011159
Pkp2	MmuINT0120897	chr16	16225507	16225812	+	0.001271
Pkp2	MmuINT0120898	chr16	16226385	16230733	+	0.001609
Pkp2	MmuINT0120899	chr16	16230870	16240592	+	0.001165
Pkp2	MmuINT0120900	chr16	16240801	16246958	+	0.00792
Pkp2	MmuINT0120901	chr16	16247137	16260418	+	0.006914
Pkp2	MmuINT0120902	chr16	16260537	16261696	+	0.0012
Pkp2	MmuINT0120903	chr16	16261862	16262657	+	0.002934
Pkp2	MmuINT0120904	chr16	16262832	16267269	+	0.024937
Pkp4	MmuINT0120918	chr2	58999186	59052734	+	0.009228
Pkp4	MmuINT0120919	chr2	59156702	59160558	+	0.003379
Pkp4	MmuINT0120920	chr2	59160773	59172804	+	0.0052
Pkp4	MmuINT0120921	chr2	59172989	59175640	+	0.004833
Pkp4	MmuINT0120922	chr2	59175759	59176775	+	0.004655
Pkp4	MmuINT0120923	chr2	59176968	59177137	+	0.004243
Pkp4	MmuINT0120924	chr2	59177312	59180149	+	0.003455
Pkp4	MmuINT0120925	chr2	59180301	59182854	+	0.003018
Pkp4	MmuINT0120926	chr2	59183051	59185776	+	0.012316
Pkp4	MmuINT0120927	chr2	59185862	59185980	+	0.005904
Pkp4	MmuINT0120928	chr2	59186099	59190318	+	0.074723
Pkp4	MmuINT0120929	chr2	59052872	59104444	+	0.012681
Pkp4	MmuINT0120930	chr2	59190393	59192259	+	0.014755
Pkp4	MmuINT0120931	chr2	59104558	59127274	+	0.004638
Pkp4	MmuINT0120932	chr2	59127310	59143122	+	0.003435
Pkp4	MmuINT0120933	chr2	59143255	59143361	+	0.0039
Pkp4	MmuINT0120934	chr2	59143550	59146064	+	0.006504
Pkp4	MmuINT0120935	chr2	59146615	59148158	+	0.003328
Pkp4	MmuINT0120936	chr2	59148348	59149750	+	0.002813
Pkp4	MmuINT0120937	chr2	59149971	59156568	+	0.003396
Pla1a	MmuINT0120938	chr16	38417348	38432883	-	0.015807
Pla1a	MmuINT0120939	chr16	38396622	38397424	-	0.066578
Pla1a	MmuINT0120941	chr16	38414964	38415403	-	0.018229
Pla1a	MmuINT0120942	chr16	38412274	38414854	-	0.024423
Pla1a	MmuINT0120943	chr16	38409771	38412171	-	0.24108
Pla1a	MmuINT0120944	chr16	38407846	38409680	-	0.033094
Pla1a	MmuINT0120945	chr16	38405713	38407677	-	0.020372
Pla1a	MmuINT0120946	chr16	38401071	38405622	-	0.041608
Pla1a	MmuINT0120947	chr16	38397590	38400961	-	0.068488
Pla2g12a	MmuINT0120951	chr3	1.3E+08	1.3E+08	+	0.002573
Pla2g12a	MmuINT0120952	chr3	1.3E+08	1.3E+08	+	0.002895
Pla2g12a	MmuINT0120953	chr3	1.3E+08	1.3E+08	+	0.019086
Pla2g15	MmuINT0120959	chr8	1.09E+08	1.09E+08	+	0.041654
Pla2g15	MmuINT0120960	chr8	1.09E+08	1.09E+08	+	0.055685
Pla2g15	MmuINT0120962	chr8	1.09E+08	1.09E+08	+	0.026052
Pla2g16	MmuINT0120963	chr19	7632055	7632421	+	0.084165
Pla2g16	MmuINT0120964	chr19	7632486	7649426	+	0.000916
Pla2g16	MmuINT0120965	chr19	7649530	7653443	+	0.000795
Pla2g16	MmuINT0120966	chr19	7653713	7660054	+	0.001749
Pla2g4b	MmuINT0121013	chr2	1.2E+08	1.2E+08	+	0.965126
Pla2g4b	MmuINT0121016	chr2	1.2E+08	1.2E+08	+	0.212126

Pla2g4b	MmuINT0121017	chr2	1.2E+08	1.2E+08	+	0.126483
Pla2g4b	MmuINT0121018	chr2	1.2E+08	1.2E+08	+	0.159889
Pla2g4b	MmuINT0121019	chr2	1.2E+08	1.2E+08	+	0.134578
Pla2g4b	MmuINT0121020	chr2	1.2E+08	1.2E+08	+	0.110654
Pla2g4b	MmuINT0121021	chr2	1.2E+08	1.2E+08	+	0.078939
Pla2g4b	MmuINT0121022	chr2	1.2E+08	1.2E+08	+	0.184041
Pla2g4b	MmuINT0121023	chr2	1.2E+08	1.2E+08	+	0.085692
Pla2g5	MmuINT0121105	chr4	1.38E+08	1.38E+08	-	0.006116
Pla2g5	MmuINT0121106	chr4	1.38E+08	1.38E+08	-	0.03576
Pla2g5	MmuINT0121107	chr4	1.38E+08	1.38E+08	-	0.010234
Pla2g5	MmuINT0121108	chr4	1.38E+08	1.38E+08	-	0.00547
Pla2g6	MmuINT0121110	chr15	79127880	79129461	-	0.039407
Pla2g6	MmuINT0121111	chr15	79120146	79127728	-	0.08448
Pla2g6	MmuINT0121112	chr15	79119716	79120008	-	0.023
Pla2g6	MmuINT0121113	chr15	79118214	79119560	-	0.042887
Pla2g6	MmuINT0121114	chr15	79117614	79118045	-	0.056703
Pla2g6	MmuINT0121115	chr15	79117326	79117539	-	0.048676
Pla2g6	MmuINT0121116	chr15	79143594	79148190	-	0.028718
Pla2g6	MmuINT0121118	chr15	79139287	79142223	-	0.039654
Pla2g6	MmuINT0121119	chr15	79137840	79139098	-	0.037053
Pla2g6	MmuINT0121120	chr15	79136897	79137742	-	0.04019
Pla2g6	MmuINT0121121	chr15	79136242	79136713	-	0.047431
Pla2g6	MmuINT0121122	chr15	79133128	79136132	-	0.073947
Pla2g6	MmuINT0121123	chr15	79129626	79133048	-	0.040004
Pla2g7	MmuINT0121124	chr17	43705736	43725512	+	0.031268
Pla2g7	MmuINT0121125	chr17	43744355	43748217	+	0.034679
Pla2g7	MmuINT0121126	chr17	43748367	43748791	+	0.030445
Pla2g7	MmuINT0121127	chr17	43725653	43731237	+	0.073527
Pla2g7	MmuINT0121128	chr17	43731360	43731727	+	0.055059
Pla2g7	MmuINT0121129	chr17	43731873	43733851	+	0.045491
Pla2g7	MmuINT0121130	chr17	43733946	43736022	+	0.065916
Pla2g7	MmuINT0121131	chr17	43736092	43737443	+	0.046512
Pla2g7	MmuINT0121132	chr17	43737568	43739776	+	0.032852
Pla2g7	MmuINT0121133	chr17	43739891	43741505	+	0.033315
Pla2g7	MmuINT0121134	chr17	43741598	43744183	+	0.044785
Pla2r1	MmuINT0121156	chr2	60258360	60258464	-	0.108551
Plaa	MmuINT0121164	chr4	94256766	94269567	-	0.006347
Plaa	MmuINT0121165	chr4	94241926	94245077	-	0.00845
Plaa	MmuINT0121166	chr4	94240775	94241856	-	0.006846
Plaa	MmuINT0121167	chr4	94238543	94240672	-	0.004247
Plaa	MmuINT0121168	chr4	94236601	94238377	-	0.002977
Plaa	MmuINT0121169	chr4	94254279	94256571	-	0.004867
Plaa	MmuINT0121170	chr4	94254093	94254177	-	0.003926
Plaa	MmuINT0121171	chr4	94253612	94253971	-	0.004592
Plaa	MmuINT0121172	chr4	94253122	94253443	-	0.004123
Plaa	MmuINT0121173	chr4	94250694	94252985	-	0.00711
Plaa	MmuINT0121174	chr4	94250263	94250523	-	0.002563
Plaa	MmuINT0121175	chr4	94249392	94250104	-	0.003539
Plaa	MmuINT0121176	chr4	94245147	94249171	-	0.006194
Plagl2	MmuINT0121203	chr2	1.53E+08	1.53E+08	-	0.065997

Plat	MmuINT0121204	chr8	23868301	23877551	+	0.045165
Plat	MmuINT0121205	chr8	23888771	23888884	+	0.018374
Plat	MmuINT0121206	chr8	23889022	23889126	+	0.040449
Plat	MmuINT0121207	chr8	23889268	23890897	+	0.022278
Plat	MmuINT0121208	chr8	23891062	23892419	+	0.034669
Plat	MmuINT0121209	chr8	23877640	23878917	+	0.040229
Plat	MmuINT0121210	chr8	23878961	23882165	+	0.026975
Plat	MmuINT0121211	chr8	23882304	23882677	+	0.040253
Plat	MmuINT0121212	chr8	23882789	23883107	+	0.064163
Plat	MmuINT0121213	chr8	23883283	23884088	+	0.045195
Plat	MmuINT0121214	chr8	23884181	23886036	+	0.033547
Plat	MmuINT0121215	chr8	23886212	23887262	+	0.037117
Plat	MmuINT0121216	chr8	23887349	23888574	+	0.03271
Plau	MmuINT0121222	chr14	21657910	21658317	+	0.089436
Plau	MmuINT0121224	chr14	21658777	21658996	+	0.065683
Plau	MmuINT0121225	chr14	21659146	21659719	+	0.055847
Plaur	MmuINT0121227	chr7	25247587	25250149	+	0.066949
Plaur	MmuINT0121228	chr7	25250261	25251693	+	0.048568
Plaur	MmuINT0121229	chr7	25251838	25256917	+	0.045084
Plaur	MmuINT0121230	chr7	25257074	25257591	+	0.083323
Plaur	MmuINT0121231	chr7	25257727	25259228	+	0.202848
Plaur	MmuINT0121232	chr7	25259376	25260257	+	0.190597
Plbd1	MmuINT0121288	chr6	1.37E+08	1.37E+08	-	0.003175
Plbd1	MmuINT0121289	chr6	1.37E+08	1.37E+08	-	0.004126
Plbd1	MmuINT0121290	chr6	1.37E+08	1.37E+08	-	0.003094
Plbd1	MmuINT0121291	chr6	1.37E+08	1.37E+08	-	0.004498
Plbd1	MmuINT0121292	chr6	1.37E+08	1.37E+08	-	0.002792
Plbd1	MmuINT0121293	chr6	1.37E+08	1.37E+08	-	0.002178
Plbd1	MmuINT0121294	chr6	1.37E+08	1.37E+08	-	0.009048
Plbd1	MmuINT0121295	chr6	1.37E+08	1.37E+08	-	0.01387
Plbd1	MmuINT0121296	chr6	1.37E+08	1.37E+08	-	0.004999
Plbd1	MmuINT0121297	chr6	1.37E+08	1.37E+08	-	0.006015
Plbd2	MmuINT0121298	chr5	1.21E+08	1.21E+08	-	0.005255
Plbd2	MmuINT0121299	chr5	1.21E+08	1.21E+08	-	0.011159
Plbd2	MmuINT0121300	chr5	1.21E+08	1.21E+08	-	0.00114
Plbd2	MmuINT0121301	chr5	1.21E+08	1.21E+08	-	0.00752
Plbd2	MmuINT0121302	chr5	1.21E+08	1.21E+08	-	0.009171
Plbd2	MmuINT0121303	chr5	1.21E+08	1.21E+08	-	0.019175
Plbd2	MmuINT0121304	chr5	1.21E+08	1.21E+08	-	0.015157
Plbd2	MmuINT0121305	chr5	1.21E+08	1.21E+08	-	0.017465
Plbd2	MmuINT0121306	chr5	1.21E+08	1.21E+08	-	0.007787
Plbd2	MmuINT0121307	chr5	1.21E+08	1.21E+08	-	0.005123
Plbd2	MmuINT0121308	chr5	1.21E+08	1.21E+08	-	0.00757
Plcb1	MmuINT0121329	chr2	1.35E+08	1.35E+08	+	0.058955
Plcb1	MmuINT0121330	chr2	1.35E+08	1.35E+08	+	0.048882
Plcb2	MmuINT0121351	chr2	1.19E+08	1.19E+08	-	0.060786
Plcb2	MmuINT0121362	chr2	1.19E+08	1.19E+08	-	0.1081
Plcb3	MmuINT0121374	chr19	7037945	7038862	-	0.015297
Plcb3	MmuINT0121375	chr19	7037537	7037703	-	0.055636
Plcb3	MmuINT0121376	chr19	7037370	7037451	-	0.019828



Plcb3	MmuINT0121377	chr19	7036574	7037182	-	0.134357
Plcb3	MmuINT0121378	chr19	7034879	7036364	-	0.030451
Plcb3	MmuINT0121379	chr19	7034708	7034781	-	0.054478
Plcb3	MmuINT0121380	chr19	7034403	7034622	-	0.057801
Plcb3	MmuINT0121381	chr19	7033696	7034277	-	0.047581
Plcb3	MmuINT0121382	chr19	7033448	7033540	-	0.012871
Plcb3	MmuINT0121383	chr19	7032676	7033285	-	0.042888
Plcb3	MmuINT0121384	chr19	7040945	7041121	-	0.033136
Plcb3	MmuINT0121385	chr19	7032493	7032575	-	0.030577
Plcb3	MmuINT0121386	chr19	7032209	7032387	-	0.027278
Plcb3	MmuINT0121387	chr19	7030791	7032116	-	0.064841
Plcb3	MmuINT0121388	chr19	7030549	7030636	-	0.016373
Plcb3	MmuINT0121389	chr19	7030397	7030512	-	0.027391
Plcb3	MmuINT0121390	chr19	7029848	7030203	-	0.122166
Plcb3	MmuINT0121391	chr19	7029591	7029696	-	0.079932
Plcb3	MmuINT0121392	chr19	7029421	7029513	-	0.049037
Plcb3	MmuINT0121393	chr19	7029253	7029330	-	0.065306
Plcb3	MmuINT0121394	chr19	7028958	7029194	-	0.131392
Plcb3	MmuINT0121395	chr19	7040774	7040875	-	0.019004
Plcb3	MmuINT0121396	chr19	7028790	7028870	-	0.047651
Plcb3	MmuINT0121397	chr19	7040391	7040632	-	0.028312
Plcb3	MmuINT0121398	chr19	7040230	7040310	-	0.031364
Plcb3	MmuINT0121399	chr19	7040075	7040175	-	0.132824
Plcb3	MmuINT0121400	chr19	7039886	7039996	-	0.297639
Plcb3	MmuINT0121401	chr19	7039254	7039786	-	0.020144
Plcb3	MmuINT0121402	chr19	7039010	7039086	-	0.016695
Plcb4	MmuINT0121404	chr2	1.36E+08	1.36E+08	+	0.016361
Plcb4	MmuINT0121405	chr2	1.36E+08	1.36E+08	+	0.031238
Plcb4	MmuINT0121406	chr2	1.36E+08	1.36E+08	+	0.012972
Plcb4	MmuINT0121407	chr2	1.36E+08	1.36E+08	+	0.008853
Plcb4	MmuINT0121408	chr2	1.36E+08	1.36E+08	+	0.012877
Plcb4	MmuINT0121409	chr2	1.36E+08	1.36E+08	+	0.014521
Plcb4	MmuINT0121410	chr2	1.36E+08	1.36E+08	+	0.011277
Plcb4	MmuINT0121411	chr2	1.36E+08	1.36E+08	+	0.01047
Plcb4	MmuINT0121412	chr2	1.36E+08	1.36E+08	+	0.01071
Plcb4	MmuINT0121413	chr2	1.36E+08	1.36E+08	+	0.011786
Plcb4	MmuINT0121414	chr2	1.36E+08	1.36E+08	+	0.016025
Plcb4	MmuINT0121415	chr2	1.36E+08	1.36E+08	+	0.012997
Plcb4	MmuINT0121416	chr2	1.36E+08	1.36E+08	+	0.01609
Plcb4	MmuINT0121417	chr2	1.36E+08	1.36E+08	+	0.009008
Plcb4	MmuINT0121418	chr2	1.36E+08	1.36E+08	+	0.020347
Plcb4	MmuINT0121419	chr2	1.36E+08	1.36E+08	+	0.014946
Plcb4	MmuINT0121420	chr2	1.36E+08	1.36E+08	+	0.006966
Plcb4	MmuINT0121421	chr2	1.36E+08	1.36E+08	+	0.007297
Plcb4	MmuINT0121422	chr2	1.36E+08	1.36E+08	+	0.010863
Plcb4	MmuINT0121423	chr2	1.36E+08	1.36E+08	+	0.016692
Plcb4	MmuINT0121424	chr2	1.36E+08	1.36E+08	+	0.016468
Plcb4	MmuINT0121425	chr2	1.36E+08	1.36E+08	+	0.017109
Plcb4	MmuINT0121426	chr2	1.36E+08	1.36E+08	+	0.016333
Plcb4	MmuINT0121427	chr2	1.36E+08	1.36E+08	+	0.023954

Plcb4	MmuINT0121428	chr2	1.36E+08	1.36E+08	+	0.005762
Plcb4	MmuINT0121429	chr2	1.36E+08	1.36E+08	+	0.004698
Plcb4	MmuINT0121430	chr2	1.36E+08	1.36E+08	+	0.01693
Plcb4	MmuINT0121431	chr2	1.36E+08	1.36E+08	+	0.01079
Plcb4	MmuINT0121432	chr2	1.36E+08	1.36E+08	+	0.836007
Plcb4	MmuINT0121433	chr2	1.36E+08	1.36E+08	+	0.02265
Plcb4	MmuINT0121434	chr2	1.36E+08	1.36E+08	+	0.013011
Plcb4	MmuINT0121435	chr2	1.36E+08	1.36E+08	+	0.015358
Plcb4	MmuINT0121436	chr2	1.36E+08	1.36E+08	+	0.01906
Plcb4	MmuINT0121437	chr2	1.36E+08	1.36E+08	+	0.016382
Plcb4	MmuINT0121438	chr2	1.36E+08	1.36E+08	+	0.014868
Plcd1	MmuINT0121439	chr9	1.19E+08	1.19E+08	-	0.013322
Plcd1	MmuINT0121440	chr9	1.19E+08	1.19E+08	-	0.022115
Plcd1	MmuINT0121441	chr9	1.19E+08	1.19E+08	-	0.028288
Plcd1	MmuINT0121442	chr9	1.19E+08	1.19E+08	-	0.011837
Plcd1	MmuINT0121443	chr9	1.19E+08	1.19E+08	-	0.019508
Plcd1	MmuINT0121444	chr9	1.19E+08	1.19E+08	-	0.012996
Plcd1	MmuINT0121445	chr9	1.19E+08	1.19E+08	-	0.021214
Plcd1	MmuINT0121446	chr9	1.19E+08	1.19E+08	-	0.054637
Plcd1	MmuINT0121447	chr9	1.19E+08	1.19E+08	-	0.026591
Plcd1	MmuINT0121448	chr9	1.19E+08	1.19E+08	-	0.033452
Plcd1	MmuINT0121449	chr9	1.19E+08	1.19E+08	-	0.056747
Plcd1	MmuINT0121450	chr9	1.19E+08	1.19E+08	-	0.098701
Plcd1	MmuINT0121451	chr9	1.19E+08	1.19E+08	-	0.01318
Plcd1	MmuINT0121452	chr9	1.19E+08	1.19E+08	-	0.268828
Plcd3	MmuINT0121453	chr11	1.03E+08	1.03E+08	-	0.012361
Plcd3	MmuINT0121454	chr11	1.03E+08	1.03E+08	-	0.011042
Plcd3	MmuINT0121455	chr11	1.03E+08	1.03E+08	-	0.01441
Plcd3	MmuINT0121456	chr11	1.03E+08	1.03E+08	-	0.085354
Plcd3	MmuINT0121457	chr11	1.03E+08	1.03E+08	-	0.010152
Plcd3	MmuINT0121458	chr11	1.03E+08	1.03E+08	-	0.010862
Plcd3	MmuINT0121459	chr11	1.03E+08	1.03E+08	-	0.014319
Plcd3	MmuINT0121460	chr11	1.03E+08	1.03E+08	-	0.02505
Plcd3	MmuINT0121461	chr11	1.03E+08	1.03E+08	-	0.019298
Plcd3	MmuINT0121462	chr11	1.03E+08	1.03E+08	-	0.161829
Plcd3	MmuINT0121464	chr11	1.03E+08	1.03E+08	-	0.012357
Plcd3	MmuINT0121465	chr11	1.03E+08	1.03E+08	-	0.186902
Plcd3	MmuINT0121466	chr11	1.03E+08	1.03E+08	-	0.061623
Plce1	MmuINT0121486	chr19	38599943	38694932	+	0.063727
Plce1	MmuINT0121495	chr19	38813897	38820255	+	0.013961
Plce1	MmuINT0121496	chr19	38820386	38823781	+	0.01775
Plce1	MmuINT0121497	chr19	38695222	38726284	+	0.019147
Plce1	MmuINT0121498	chr19	38823904	38824930	+	0.016095
Plce1	MmuINT0121500	chr19	38833437	38834468	+	0.022445
Plce1	MmuINT0121501	chr19	38834757	38839789	+	0.016099
Plce1	MmuINT0121502	chr19	38839954	38841621	+	0.013492
Plce1	MmuINT0121503	chr19	38841884	38843940	+	0.015782
Plce1	MmuINT0121504	chr19	38844060	38844836	+	0.018401
Plce1	MmuINT0121505	chr19	38844966	38847309	+	0.015502
Plce1	MmuINT0121506	chr19	38847520	38852346	+	0.010563

Plce1	MmuINT0121507	chr19	38852506	38854255	+	0.011945
Plce1	MmuINT0121508	chr19	38726602	38772939	+	0.01813
Plce1	MmuINT0121509	chr19	38854475	38855049	+	0.01033
Plce1	MmuINT0121510	chr19	38855273	38857026	+	0.012192
Plce1	MmuINT0121512	chr19	38776569	38779729	+	0.013247
Plce1	MmuINT0121514	chr19	38791730	38794045	+	0.020613
Plcg1	MmuINT0121518	chr2	1.61E+08	1.61E+08	+	0.012903
Plcg1	MmuINT0121519	chr2	1.61E+08	1.61E+08	+	0.014
Plcg1	MmuINT0121520	chr2	1.61E+08	1.61E+08	+	0.032657
Plcg1	MmuINT0121521	chr2	1.61E+08	1.61E+08	+	0.010562
Plcg1	MmuINT0121522	chr2	1.61E+08	1.61E+08	+	0.035818
Plcg1	MmuINT0121523	chr2	1.61E+08	1.61E+08	+	0.066603
Plcg1	MmuINT0121524	chr2	1.61E+08	1.61E+08	+	0.064469
Plcg1	MmuINT0121525	chr2	1.61E+08	1.61E+08	+	0.179473
Plcg1	MmuINT0121526	chr2	1.61E+08	1.61E+08	+	0.044287
Plcg1	MmuINT0121527	chr2	1.61E+08	1.61E+08	+	0.01714
Plcg1	MmuINT0121528	chr2	1.61E+08	1.61E+08	+	0.021641
Plcg1	MmuINT0121529	chr2	1.61E+08	1.61E+08	+	0.041183
Plcg1	MmuINT0121530	chr2	1.61E+08	1.61E+08	+	0.007298
Plcg1	MmuINT0121531	chr2	1.61E+08	1.61E+08	+	0.081252
Plcg1	MmuINT0121532	chr2	1.61E+08	1.61E+08	+	0.05007
Plcg1	MmuINT0121533	chr2	1.61E+08	1.61E+08	+	0.021674
Plcg1	MmuINT0121534	chr2	1.61E+08	1.61E+08	+	0.038476
Plcg1	MmuINT0121535	chr2	1.61E+08	1.61E+08	+	0.06678
Plcg1	MmuINT0121536	chr2	1.61E+08	1.61E+08	+	0.05655
Plcg1	MmuINT0121537	chr2	1.61E+08	1.61E+08	+	0.015932
Plcg1	MmuINT0121538	chr2	1.61E+08	1.61E+08	+	0.006591
Plcg1	MmuINT0121539	chr2	1.61E+08	1.61E+08	+	0.021652
Plcg1	MmuINT0121540	chr2	1.61E+08	1.61E+08	+	0.014481
Plcg1	MmuINT0121541	chr2	1.61E+08	1.61E+08	+	0.028855
Plcg1	MmuINT0121544	chr2	1.61E+08	1.61E+08	+	0.013236
Plcg1	MmuINT0121545	chr2	1.61E+08	1.61E+08	+	0.00898
Plcg1	MmuINT0121546	chr2	1.61E+08	1.61E+08	+	0.010644
Plcg1	MmuINT0121547	chr2	1.61E+08	1.61E+08	+	0.106448
Plcg1	MmuINT0121548	chr2	1.61E+08	1.61E+08	+	0.174816
Plcg1	MmuINT0121549	chr2	1.61E+08	1.61E+08	+	0.012925
Plcg2	MmuINT0121550	chr8	1.2E+08	1.2E+08	+	0.046492
Plcg2	MmuINT0121551	chr8	1.2E+08	1.2E+08	+	0.046277
Plcg2	MmuINT0121552	chr8	1.2E+08	1.2E+08	+	0.043547
Plcg2	MmuINT0121553	chr8	1.2E+08	1.2E+08	+	0.036976
Plcg2	MmuINT0121554	chr8	1.2E+08	1.2E+08	+	0.027586
Plcg2	MmuINT0121555	chr8	1.2E+08	1.2E+08	+	0.023509
Plcg2	MmuINT0121556	chr8	1.2E+08	1.2E+08	+	0.030806
Plcg2	MmuINT0121557	chr8	1.2E+08	1.2E+08	+	0.035894
Plcg2	MmuINT0121558	chr8	1.2E+08	1.2E+08	+	0.025785
Plcg2	MmuINT0121559	chr8	1.2E+08	1.2E+08	+	0.034715
Plcg2	MmuINT0121560	chr8	1.2E+08	1.2E+08	+	0.032584
Plcg2	MmuINT0121562	chr8	1.2E+08	1.2E+08	+	0.033933
Plcg2	MmuINT0121563	chr8	1.2E+08	1.2E+08	+	0.051987
Plcg2	MmuINT0121564	chr8	1.2E+08	1.2E+08	+	0.032645

Plcg2	MmuINT0121565	chr8	1.2E+08	1.2E+08	+	0.032178
Plcg2	MmuINT0121566	chr8	1.2E+08	1.2E+08	+	0.033281
Plcg2	MmuINT0121567	chr8	1.2E+08	1.2E+08	+	0.019053
Plcg2	MmuINT0121568	chr8	1.2E+08	1.2E+08	+	0.024144
Plcg2	MmuINT0121569	chr8	1.2E+08	1.2E+08	+	0.022288
Plcg2	MmuINT0121570	chr8	1.2E+08	1.2E+08	+	0.031367
Plcg2	MmuINT0121571	chr8	1.2E+08	1.2E+08	+	0.026254
Plcg2	MmuINT0121572	chr8	1.2E+08	1.2E+08	+	0.031541
Plcg2	MmuINT0121573	chr8	1.2E+08	1.2E+08	+	0.025037
Plcg2	MmuINT0121574	chr8	1.2E+08	1.2E+08	+	0.028679
Plcg2	MmuINT0121575	chr8	1.2E+08	1.2E+08	+	0.02676
Plcg2	MmuINT0121577	chr8	1.2E+08	1.2E+08	+	0.053933
Plcg2	MmuINT0121578	chr8	1.2E+08	1.2E+08	+	0.041913
Plcg2	MmuINT0121579	chr8	1.2E+08	1.2E+08	+	0.069065
Plcl1	MmuINT0121628	chr1	55755064	55758773	+	0.055354
Plcl1	MmuINT0121629	chr1	55758978	55770264	+	0.054102
Plcl1	MmuINT0121630	chr1	55770341	55772337	+	0.042495
Plcl1	MmuINT0121631	chr1	55772448	55808124	+	0.040695
Plcl2	MmuINT0121632	chr17	50649263	50745619	+	0.022304
Plcl2	MmuINT0121633	chr17	50748107	50750316	+	0.01679
Plcl2	MmuINT0121634	chr17	50750521	50779440	+	0.041511
Plcl2	MmuINT0121635	chr17	50779517	50807323	+	0.020612
Plcl2	MmuINT0121636	chr17	50807434	50827036	+	0.037273
Pld2	MmuINT0121691	chr11	70357780	70364681	+	0.244875
Pld2	MmuINT0121692	chr11	70364766	70364887	+	0.064068
Pld2	MmuINT0121693	chr11	70364967	70365955	+	0.137726
Pld2	MmuINT0121694	chr11	70366067	70366199	+	0.044286
Pld2	MmuINT0121695	chr11	70366371	70366836	+	0.06808
Pld2	MmuINT0121696	chr11	70366964	70367545	+	0.099316
Pld2	MmuINT0121697	chr11	70367665	70367778	+	0.030256
Pld2	MmuINT0121698	chr11	70367893	70368080	+	0.032795
Pld2	MmuINT0121699	chr11	70368186	70368363	+	0.222018
Pld2	MmuINT0121700	chr11	70368453	70368552	+	0.039923
Pld2	MmuINT0121701	chr11	70354457	70354564	+	0.03507
Pld2	MmuINT0121702	chr11	70368667	70368833	+	0.377414
Pld2	MmuINT0121703	chr11	70368884	70369097	+	0.233549
Pld2	MmuINT0121704	chr11	70369233	70369409	+	0.054307
Pld2	MmuINT0121705	chr11	70369564	70370509	+	0.048054
Pld2	MmuINT0121706	chr11	70370625	70370840	+	0.090441
Pld2	MmuINT0121707	chr11	70354696	70354798	+	0.033226
Pld2	MmuINT0121708	chr11	70354942	70355316	+	0.045151
Pld2	MmuINT0121709	chr11	70355423	70355502	+	0.04577
Pld2	MmuINT0121710	chr11	70355569	70356085	+	0.055784
Pld2	MmuINT0121711	chr11	70356145	70356262	+	0.094101
Pld2	MmuINT0121712	chr11	70356356	70356444	+	0.048051
Pld3	MmuINT0121714	chr7	28330282	28338016	-	0.057014
Pld3	MmuINT0121715	chr7	28320948	28322598	-	0.006815
Pld3	MmuINT0121716	chr7	28318831	28320807	-	0.011339
Pld3	MmuINT0121717	chr7	28317694	28318664	-	0.006801
Pld3	MmuINT0121718	chr7	28317505	28317593	-	0.004827

Pld3	MmuINT0121719	chr7	28327924	28330206	-	0.018591
Pld3	MmuINT0121720	chr7	28327201	28327762	-	0.008454
Pld3	MmuINT0121721	chr7	28327008	28327107	-	0.007196
Pld3	MmuINT0121722	chr7	28326848	28326932	-	0.006262
Pld3	MmuINT0121723	chr7	28326288	28326704	-	0.010302
Pld3	MmuINT0121724	chr7	28324689	28326103	-	0.010347
Pld3	MmuINT0121725	chr7	28324497	28324573	-	0.010218
Pld3	MmuINT0121726	chr7	28322800	28324368	-	0.015199
Pld4	MmuINT0121727	chr12	1.14E+08	1.14E+08	+	0.092633
Pld4	MmuINT0121728	chr12	1.14E+08	1.14E+08	+	0.060721
Pld4	MmuINT0121729	chr12	1.14E+08	1.14E+08	+	0.046945
Pld4	MmuINT0121730	chr12	1.14E+08	1.14E+08	+	0.153144
Pld4	MmuINT0121731	chr12	1.14E+08	1.14E+08	+	0.04166
Pld4	MmuINT0121732	chr12	1.14E+08	1.14E+08	+	0.027504
Pld4	MmuINT0121733	chr12	1.14E+08	1.14E+08	+	0.226266
Pld4	MmuINT0121734	chr12	1.14E+08	1.14E+08	+	0.1253
Pld4	MmuINT0121735	chr12	1.14E+08	1.14E+08	+	0.04771
Pld4	MmuINT0121736	chr12	1.14E+08	1.14E+08	+	0.020999
Pldn	MmuINT0121750	chr2	1.23E+08	1.23E+08	+	0.040579
Pldn	MmuINT0121751	chr2	1.23E+08	1.23E+08	+	0.027999
Pldn	MmuINT0121752	chr2	1.23E+08	1.23E+08	+	0.035012
Pldn	MmuINT0121753	chr2	1.23E+08	1.23E+08	+	0.00878
Plec	MmuINT0121757	chr15	76021567	76021671	-	0.010333
Plec	MmuINT0121758	chr15	76021375	76021446	-	0.010007
Plec	MmuINT0121759	chr15	76021017	76021278	-	0.008007
Plec	MmuINT0121760	chr15	76020626	76020888	-	0.0087
Plec	MmuINT0121761	chr15	76019842	76020531	-	0.00735
Plec	MmuINT0121762	chr15	76019611	76019686	-	0.005996
Plec	MmuINT0121763	chr15	76019216	76019300	-	0.017873
Plec	MmuINT0121764	chr15	76019056	76019137	-	0.009365
Plec	MmuINT0121765	chr15	76018708	76018893	-	0.004855
Plec	MmuINT0121766	chr15	76018505	76018602	-	0.009607
Plec	MmuINT0121767	chr15	76025004	76025180	-	0.028913
Plec	MmuINT0121768	chr15	76018193	76018408	-	0.008084
Plec	MmuINT0121769	chr15	76017194	76018066	-	0.005304
Plec	MmuINT0121770	chr15	76016945	76017040	-	0.007912
Plec	MmuINT0121771	chr15	76016698	76016789	-	0.006265
Plec	MmuINT0121772	chr15	76016468	76016570	-	0.005177
Plec	MmuINT0121773	chr15	76016197	76016283	-	0.006156
Plec	MmuINT0121774	chr15	76015920	76016038	-	0.006616
Plec	MmuINT0121775	chr15	76014536	76015740	-	0.01496
Plec	MmuINT0121776	chr15	76014310	76014396	-	0.004593
Plec	MmuINT0121777	chr15	76013876	76013952	-	0.00685
Plec	MmuINT0121778	chr15	76024861	76024988	-	0.038029
Plec	MmuINT0121779	chr15	76013626	76013791	-	0.009891
Plec	MmuINT0121780	chr15	76013439	76013520	-	0.008217
Plec	MmuINT0121781	chr15	76012330	76013339	-	0.073407
Plec	MmuINT0121782	chr15	76008816	76008948	-	0.010034
Plec	MmuINT0121785	chr15	76023744	76023839	-	0.00711
Plec	MmuINT0121786	chr15	76022778	76023650	-	0.007318

Plec	MmuINT0121787	chr15	76021966	76022610	-	0.023458
Plec	MmuINT0121788	chr15	76021779	76021849	-	0.00958
Plekha1	MmuINT0121816	chr7	1.38E+08	1.38E+08	+	0.08325
Plekha1	MmuINT0121817	chr7	1.38E+08	1.38E+08	+	0.008602
Plekha1	MmuINT0121819	chr7	1.38E+08	1.38E+08	+	0.029744
Plekha1	MmuINT0121820	chr7	1.38E+08	1.38E+08	+	0.014479
Plekha1	MmuINT0121821	chr7	1.38E+08	1.38E+08	+	0.014931
Plekha1	MmuINT0121822	chr7	1.38E+08	1.38E+08	+	0.025933
Plekha1	MmuINT0121823	chr7	1.38E+08	1.38E+08	+	0.03491
Plekha1	MmuINT0121824	chr7	1.38E+08	1.38E+08	+	0.939034
Plekha2	MmuINT0121825	chr8	26198978	26212131	-	0.033348
Plekha2	MmuINT0121826	chr8	26154175	26162831	-	0.01398
Plekha2	MmuINT0121828	chr8	26182528	26198813	-	0.024719
Plekha2	MmuINT0121829	chr8	26174459	26182470	-	0.019934
Plekha2	MmuINT0121830	chr8	26172945	26174409	-	0.016146
Plekha2	MmuINT0121831	chr8	26170447	26172846	-	0.014665
Plekha2	MmuINT0121832	chr8	26169753	26170305	-	0.009579
Plekha2	MmuINT0121833	chr8	26168274	26169605	-	0.016303
Plekha2	MmuINT0121834	chr8	26167837	26168204	-	0.015036
Plekha2	MmuINT0121835	chr8	26162896	26167765	-	0.018309
Plekha3	MmuINT0121836	chr2	76513692	76518219	+	0.038296
Plekha3	MmuINT0121837	chr2	76518337	76520786	+	0.012571
Plekha3	MmuINT0121838	chr2	76520943	76524675	+	0.007186
Plekha3	MmuINT0121839	chr2	76524813	76525338	+	0.0096
Plekha3	MmuINT0121840	chr2	76525504	76528501	+	0.01806
Plekha3	MmuINT0121841	chr2	76528546	76530705	+	0.032329
Plekha3	MmuINT0121842	chr2	76530822	76533440	+	0.006305
Plekha4	MmuINT0121849	chr7	52804530	52804599	+	0.322376
Plekha4	MmuINT0121850	chr7	52804677	52805173	+	0.071413
Plekha4	MmuINT0121861	chr7	52794660	52795849	+	0.062535
Plekha5	MmuINT0121862	chr6	1.4E+08	1.4E+08	+	0.041452
Plekha5	MmuINT0121863	chr6	1.4E+08	1.4E+08	+	0.067758
Plekha5	MmuINT0121864	chr6	1.4E+08	1.4E+08	+	0.013521
Plekha5	MmuINT0121865	chr6	1.4E+08	1.41E+08	+	0.013312
Plekha5	MmuINT0121870	chr6	1.41E+08	1.41E+08	+	0.044329
Plekha5	MmuINT0121871	chr6	1.41E+08	1.41E+08	+	0.021639
Plekha5	MmuINT0121872	chr6	1.41E+08	1.41E+08	+	0.021907
Plekha5	MmuINT0121873	chr6	1.4E+08	1.4E+08	+	0.040727
Plekha5	MmuINT0121874	chr6	1.41E+08	1.41E+08	+	0.017558
Plekha5	MmuINT0121875	chr6	1.41E+08	1.41E+08	+	0.037456
Plekha5	MmuINT0121876	chr6	1.41E+08	1.41E+08	+	0.024092
Plekha5	MmuINT0121878	chr6	1.41E+08	1.41E+08	+	0.299888
Plekha5	MmuINT0121879	chr6	1.41E+08	1.41E+08	+	0.00864
Plekha5	MmuINT0121880	chr6	1.41E+08	1.41E+08	+	0.013675
Plekha5	MmuINT0121881	chr6	1.41E+08	1.41E+08	+	0.007886
Plekha5	MmuINT0121882	chr6	1.41E+08	1.41E+08	+	0.008326
Plekha5	MmuINT0121883	chr6	1.41E+08	1.41E+08	+	0.011347
Plekha5	MmuINT0121885	chr6	1.41E+08	1.41E+08	+	0.023901
Plekha5	MmuINT0121886	chr6	1.4E+08	1.4E+08	+	0.016431
Plekha5	MmuINT0121888	chr6	1.4E+08	1.4E+08	+	0.049833

Plekha6	MmuINT0121893	chr1	1.35E+08	1.35E+08	+	0.493797
Plekha6	MmuINT0121894	chr1	1.35E+08	1.35E+08	+	0.005673
Plekha6	MmuINT0121895	chr1	1.35E+08	1.35E+08	+	0.006524
Plekha6	MmuINT0121896	chr1	1.35E+08	1.35E+08	+	0.004905
Plekha6	MmuINT0121897	chr1	1.35E+08	1.35E+08	+	0.005374
Plekha6	MmuINT0121898	chr1	1.35E+08	1.35E+08	+	0.118657
Plekha6	MmuINT0121899	chr1	1.35E+08	1.35E+08	+	0.012934
Plekha6	MmuINT0121900	chr1	1.35E+08	1.35E+08	+	0.017603
Plekha6	MmuINT0121901	chr1	1.35E+08	1.35E+08	+	0.03675
Plekha6	MmuINT0121902	chr1	1.35E+08	1.35E+08	+	0.004531
Plekha6	MmuINT0121903	chr1	1.35E+08	1.35E+08	+	0.008002
Plekha6	MmuINT0121904	chr1	1.35E+08	1.35E+08	+	0.029326
Plekha6	MmuINT0121905	chr1	1.35E+08	1.35E+08	+	0.086255
Plekha6	MmuINT0121906	chr1	1.35E+08	1.35E+08	+	0.023102
Plekha6	MmuINT0121907	chr1	1.35E+08	1.35E+08	+	0.006373
Plekha6	MmuINT0121909	chr1	1.35E+08	1.35E+08	+	0.011278
Plekha6	MmuINT0121911	chr1	1.35E+08	1.35E+08	+	0.004581
Plekha6	MmuINT0121912	chr1	1.35E+08	1.35E+08	+	0.682553
Plekha6	MmuINT0121913	chr1	1.35E+08	1.35E+08	+	0.062672
Plekha8	MmuINT0121944	chr6	54545466	54563085	+	0.039773
Plekha8	MmuINT0121945	chr6	54578899	54579813	+	0.0267
Plekha8	MmuINT0121946	chr6	54579945	54580497	+	0.015561
Plekha8	MmuINT0121947	chr6	54580569	54585703	+	0.003365
Plekha8	MmuINT0121949	chr6	54563203	54565208	+	0.031311
Plekha8	MmuINT0121950	chr6	54565365	54566626	+	0.024428
Plekha8	MmuINT0121951	chr6	54566752	54569187	+	0.016216
Plekha8	MmuINT0121952	chr6	54569347	54570265	+	0.044418
Plekha8	MmuINT0121953	chr6	54570307	54572114	+	0.058617
Plekha8	MmuINT0121954	chr6	54572273	54574068	+	0.036114
Plekha8	MmuINT0121955	chr6	54574226	54574546	+	0.031504
Plekha8	MmuINT0121956	chr6	54574633	54578839	+	0.038575
Plekha2	MmuINT0121965	chr1	34906909	34918717	+	0.011182
Plekha2	MmuINT0121966	chr1	34918763	34919850	+	0.006685
Plekha2	MmuINT0121967	chr1	34920004	34920315	+	0.003794
Plekha2	MmuINT0121968	chr1	34920419	34921317	+	0.004561
Plekha2	MmuINT0121969	chr1	34921358	34922985	+	0.00576
Plekha2	MmuINT0121970	chr1	34923076	34926144	+	0.007513
Plekha2	MmuINT0121971	chr1	34926251	34933755	+	0.003836
Plekha1	MmuINT0121972	chr7	39007178	39012959	-	0.019461
Plekha1	MmuINT0121980	chr10	6383141	6388335	-	0.042537
Plekha1	MmuINT0121983	chr10	6416335	6427335	-	0.009764
Plekha1	MmuINT0121986	chr10	6406373	6408559	-	0.10844
Plekha1	MmuINT0121988	chr10	6405908	6406007	-	0.033138
Plekha2	MmuINT0121991	chr7	29156265	29156878	-	0.296717
Plekha2	MmuINT0121992	chr7	29150388	29150471	-	0.038915
Plekha2	MmuINT0121993	chr7	29149970	29150300	-	0.029851
Plekha2	MmuINT0121994	chr7	29149846	29149935	-	0.033395
Plekha2	MmuINT0121995	chr7	29149652	29149743	-	0.026105
Plekha2	MmuINT0121996	chr7	29149529	29149603	-	0.134943
Plekha2	MmuINT0121997	chr7	29149334	29149489	-	0.209674

Plekhhg2	MmuINT0121998	chr7	29148019	29149316	-	0.471263
Plekhhg2	MmuINT0121999	chr7	29147728	29147844	-	0.01501
Plekhhg2	MmuINT0122001	chr7	29155517	29156133	-	0.571527
Plekhhg2	MmuINT0122002	chr7	29153907	29155079	-	0.064034
Plekhhg2	MmuINT0122005	chr7	29153131	29153309	-	0.01796
Plekhhg2	MmuINT0122006	chr7	29152855	29152992	-	0.093057
Plekhhg2	MmuINT0122007	chr7	29150565	29152653	-	0.107376
Plekhhg3	MmuINT0122010	chr12	77666805	77667154	+	0.092155
Plekhhg3	MmuINT0122014	chr12	77673057	77673381	+	0.235193
Plekhhg3	MmuINT0122015	chr12	77673646	77674233	+	0.932717
Plekhhg3	MmuINT0122016	chr12	77674348	77676843	+	0.035
Plekhhg3	MmuINT0122017	chr12	77678264	77678661	+	0.030252
Plekhhg3	MmuINT0122018	chr12	77661506	77663192	+	0.05061
Plekhhg3	MmuINT0122022	chr12	77665395	77665488	+	0.037613
Plekhhg3	MmuINT0122023	chr12	77665621	77665784	+	0.048544
Plekhhg3	MmuINT0122024	chr12	77665968	77666145	+	0.035286
Plekhhg3	MmuINT0122025	chr12	77666239	77666478	+	0.052442
Plekhhg5	MmuINT0122046	chr4	1.51E+08	1.51E+08	+	0.027229
Plekhhg5	MmuINT0122047	chr4	1.51E+08	1.51E+08	+	0.196422
Plekhhg5	MmuINT0122048	chr4	1.51E+08	1.51E+08	+	0.124631
Plekhhg5	MmuINT0122049	chr4	1.51E+08	1.51E+08	+	0.035811
Plekhhg5	MmuINT0122050	chr4	1.51E+08	1.51E+08	+	0.015804
Plekhhg5	MmuINT0122051	chr4	1.51E+08	1.51E+08	+	0.322514
Plekhhg5	MmuINT0122052	chr4	1.51E+08	1.51E+08	+	0.015132
Plekhhg5	MmuINT0122053	chr4	1.51E+08	1.51E+08	+	0.072991
Plekhhg5	MmuINT0122054	chr4	1.51E+08	1.51E+08	+	0.019401
Plekhhg5	MmuINT0122055	chr4	1.51E+08	1.51E+08	+	0.015929
Plekhhg5	MmuINT0122056	chr4	1.51E+08	1.51E+08	+	0.0457
Plekhhg5	MmuINT0122057	chr4	1.51E+08	1.51E+08	+	0.014713
Plekhhg5	MmuINT0122058	chr4	1.51E+08	1.51E+08	+	0.029194
Plekhhg5	MmuINT0122059	chr4	1.51E+08	1.51E+08	+	0.059645
Plekhhg5	MmuINT0122060	chr4	1.51E+08	1.51E+08	+	0.025664
Plekhhg5	MmuINT0122061	chr4	1.51E+08	1.51E+08	+	0.059355
Plekhhg5	MmuINT0122062	chr4	1.51E+08	1.51E+08	+	0.027666
Plekhhg5	MmuINT0122063	chr4	1.51E+08	1.51E+08	+	0.018402
Plekhhg5	MmuINT0122064	chr4	1.51E+08	1.51E+08	+	0.015596
Plekhhg6	MmuINT0122071	chr6	1.25E+08	1.25E+08	-	0.941438
Plekhhh1	MmuINT0122095	chr12	80174542	80175576	+	0.065386
Plekhhh1	MmuINT0122096	chr12	80175678	80176387	+	0.069397
Plekhhh1	MmuINT0122101	chr12	80180094	80180424	+	0.027269
Plekhhh1	MmuINT0122105	chr12	80155558	80155646	+	0.04628
Plekhhh3	MmuINT0122138	chr11	1.01E+08	1.01E+08	-	0.058782
Plekhhh3	MmuINT0122139	chr11	1.01E+08	1.01E+08	-	0.132128
Plekhhh3	MmuINT0122140	chr11	1.01E+08	1.01E+08	-	0.135521
Plekhhh3	MmuINT0122141	chr11	1.01E+08	1.01E+08	-	0.020419
Plekhhh3	MmuINT0122142	chr11	1.01E+08	1.01E+08	-	0.043689
Plekhhh3	MmuINT0122143	chr11	1.01E+08	1.01E+08	-	0.016788
Plekhhh3	MmuINT0122144	chr11	1.01E+08	1.01E+08	-	0.015575
Plekhhh3	MmuINT0122145	chr11	1.01E+08	1.01E+08	-	0.012055
Plekhhh3	MmuINT0122146	chr11	1.01E+08	1.01E+08	-	0.087002



Plekhh3	MmuINT0122147	chr11	1.01E+08	1.01E+08	-	0.018992
Plekhh3	MmuINT0122148	chr11	1.01E+08	1.01E+08	-	0.012061
Plekhh3	MmuINT0122149	chr11	1.01E+08	1.01E+08	-	0.040117
Plekhj1	MmuINT0122150	chr10	80260723	80260825	-	0.083877
Plekhj1	MmuINT0122151	chr10	80260585	80260654	-	0.401281
Plekhj1	MmuINT0122152	chr10	80259568	80260517	-	0.064785
Plekhj1	MmuINT0122153	chr10	80259400	80259476	-	0.120059
Plekhj1	MmuINT0122154	chr10	80259268	80259335	-	0.099769
Plekhn1	MmuINT0122155	chr11	1.03E+08	1.03E+08	-	0.031565
Plekhn1	MmuINT0122156	chr11	1.03E+08	1.03E+08	-	0.021676
Plekhn1	MmuINT0122157	chr11	1.03E+08	1.03E+08	-	0.01687
Plekhn1	MmuINT0122158	chr11	1.03E+08	1.03E+08	-	0.029255
Plekhn1	MmuINT0122159	chr11	1.03E+08	1.03E+08	-	0.025393
Plekhn1	MmuINT0122160	chr11	1.03E+08	1.03E+08	-	0.013682
Plekhn1	MmuINT0122161	chr11	1.03E+08	1.03E+08	-	0.023892
Plekhn1	MmuINT0122162	chr11	1.03E+08	1.03E+08	-	0.028476
Plekhn1	MmuINT0122163	chr11	1.03E+08	1.03E+08	-	0.061309
Plekhn1	MmuINT0122164	chr11	1.03E+08	1.03E+08	-	0.085996
Plekhn1	MmuINT0122165	chr11	1.03E+08	1.03E+08	-	0.048253
Plekhn2	MmuINT0122166	chr4	1.41E+08	1.41E+08	-	0.064456
Plekhn2	MmuINT0122167	chr4	1.41E+08	1.41E+08	-	0.050682
Plekhn2	MmuINT0122168	chr4	1.41E+08	1.41E+08	-	0.0379
Plekhn2	MmuINT0122169	chr4	1.41E+08	1.41E+08	-	0.063605
Plekhn2	MmuINT0122170	chr4	1.41E+08	1.41E+08	-	0.039647
Plekhn2	MmuINT0122171	chr4	1.41E+08	1.41E+08	-	0.008843
Plekhn2	MmuINT0122172	chr4	1.41E+08	1.41E+08	-	0.051132
Plekhn2	MmuINT0122173	chr4	1.41E+08	1.41E+08	-	0.080229
Plekhn2	MmuINT0122174	chr4	1.41E+08	1.41E+08	-	0.051434
Plekhn2	MmuINT0122175	chr4	1.41E+08	1.41E+08	-	0.050723
Plekhn2	MmuINT0122176	chr4	1.41E+08	1.41E+08	-	0.058787
Plekhn2	MmuINT0122177	chr4	1.41E+08	1.41E+08	-	0.008454
Plekhn2	MmuINT0122178	chr4	1.41E+08	1.41E+08	-	0.079638
Plekhn2	MmuINT0122179	chr4	1.41E+08	1.41E+08	-	0.014701
Plekhn2	MmuINT0122180	chr4	1.41E+08	1.41E+08	-	0.071569
Plekhn2	MmuINT0122181	chr4	1.41E+08	1.41E+08	-	0.063128
Plekhn2	MmuINT0122182	chr4	1.41E+08	1.41E+08	-	0.054159
Plekhn2	MmuINT0122183	chr4	1.41E+08	1.41E+08	-	0.005663
Plekhn2	MmuINT0122184	chr4	1.41E+08	1.41E+08	-	0.025814
Plekhn3	MmuINT0122186	chr1	64969057	64984270	-	0.045745
Plekhn3	MmuINT0122187	chr1	64939472	64968123	-	0.056039
Plekhn3	MmuINT0122188	chr1	64929897	64939325	-	0.064617
Plekhn3	MmuINT0122191	chr1	64841789	64866509	-	0.042744
Plekhn1	MmuINT0122193	chr4	1.56E+08	1.56E+08	-	0.477959
Plekhn1	MmuINT0122194	chr4	1.56E+08	1.56E+08	-	0.321061
Plekhn1	MmuINT0122195	chr4	1.56E+08	1.56E+08	-	0.287865
Plekhn1	MmuINT0122196	chr4	1.56E+08	1.56E+08	-	0.967203
Plekhn1	MmuINT0122197	chr4	1.56E+08	1.56E+08	-	0.676929
Plekhn1	MmuINT0122199	chr4	1.56E+08	1.56E+08	-	0.953089
Plekhn1	MmuINT0122203	chr4	1.56E+08	1.56E+08	-	0.658967
Plekho1	MmuINT0122207	chr3	95799592	95799693	-	0.050613

Plekho1	MmuINT0122208	chr3	95796202	95799444	-	0.058792
Plekho1	MmuINT0122209	chr3	95795472	95796060	-	0.020563
Plekho1	MmuINT0122210	chr3	95794826	95795366	-	0.048454
Plekho1	MmuINT0122211	chr3	95793557	95794723	-	0.035396
Plekho2	MmuINT0122212	chr9	65420937	65427744	-	0.032385
Plekho2	MmuINT0122213	chr9	65411811	65420786	-	0.037431
Plekho2	MmuINT0122214	chr9	65407332	65411690	-	0.034034
Plekho2	MmuINT0122215	chr9	65406525	65407226	-	0.036477
Plekho2	MmuINT0122216	chr9	65404887	65406425	-	0.045429
Plg	MmuINT0122219	chr17	12596099	12596878	+	0.06272
Plg	MmuINT0122224	chr17	12604468	12607043	+	0.040961
Plin2	MmuINT0122243	chr4	86314610	86315848	-	0.009268
Plin2	MmuINT0122244	chr4	86314467	86314553	-	0.003388
Plin2	MmuINT0122245	chr4	86310416	86314270	-	0.005795
Plin2	MmuINT0122247	chr4	86306174	86307837	-	0.003289
Plin2	MmuINT0122248	chr4	86304620	86305991	-	0.002089
Plin2	MmuINT0122249	chr4	86303309	86304484	-	0.006506
Plin3	MmuINT0122250	chr17	56427300	56429876	-	0.039086
Plin3	MmuINT0122251	chr17	56426070	56427216	-	0.001784
Plin3	MmuINT0122252	chr17	56425719	56425870	-	0.001724
Plin3	MmuINT0122253	chr17	56423854	56425635	-	0.056089
Plin3	MmuINT0122254	chr17	56421030	56423555	-	0.007984
Plin3	MmuINT0122255	chr17	56420291	56420829	-	0.001615
Plin3	MmuINT0122256	chr17	56419497	56420164	-	0.006238
Plin4	MmuINT0122257	chr17	56249029	56249115	-	0.045899
Plin4	MmuINT0122258	chr17	56248875	56248960	-	0.003627
Plin4	MmuINT0122259	chr17	56248070	56248735	-	0.005914
Plin4	MmuINT0122260	chr17	56246798	56248010	-	0.27272
Plin4	MmuINT0122262	chr17	56242721	56242839	-	0.193182
Plin4	MmuINT0122263	chr17	56241919	56242532	-	0.273762
Plin4	MmuINT0122264	chr17	56241754	56241831	-	0.343202
Plin5	MmuINT0122265	chr17	56256313	56256505	-	0.003946
Plin5	MmuINT0122266	chr17	56255877	56256251	-	0.009387
Plin5	MmuINT0122267	chr17	56255057	56255680	-	0.019417
Plin5	MmuINT0122268	chr17	56254697	56254973	-	0.009294
Plin5	MmuINT0122270	chr17	56252407	56253321	-	0.002412
Plin5	MmuINT0122271	chr17	56251965	56252292	-	0.045952
Plk1	MmuINT0122273	chr7	1.29E+08	1.29E+08	+	0.009104
Plk1	MmuINT0122275	chr7	1.29E+08	1.29E+08	+	0.009885
Plk1	MmuINT0122277	chr7	1.29E+08	1.29E+08	+	0.011879
Plk1	MmuINT0122279	chr7	1.29E+08	1.29E+08	+	0.03595
Plk1s1	MmuINT0122281	chr2	1.47E+08	1.47E+08	+	0.004301
Plk1s1	MmuINT0122282	chr2	1.47E+08	1.47E+08	+	0.014061
Plk1s1	MmuINT0122283	chr2	1.47E+08	1.47E+08	+	0.004582
Plk1s1	MmuINT0122284	chr2	1.47E+08	1.47E+08	+	0.006024
Plk1s1	MmuINT0122285	chr2	1.47E+08	1.47E+08	+	0.006553
Plk1s1	MmuINT0122286	chr2	1.47E+08	1.47E+08	+	0.005631
Plk1s1	MmuINT0122287	chr2	1.47E+08	1.47E+08	+	0.003776
Plk1s1	MmuINT0122288	chr2	1.47E+08	1.47E+08	+	0.003723
Plk1s1	MmuINT0122289	chr2	1.47E+08	1.47E+08	+	0.002549

Plk1s1	MmuINT0122290	chr2	1.47E+08	1.47E+08	+	0.003168
Plk1s1	MmuINT0122291	chr2	1.47E+08	1.47E+08	+	0.008508
Plk1s1	MmuINT0122292	chr2	1.47E+08	1.47E+08	+	0.005082
Plk1s1	MmuINT0122293	chr2	1.47E+08	1.47E+08	+	0.032956
Plk2	MmuINT0122294	chr13	1.11E+08	1.11E+08	+	0.034091
Plk2	MmuINT0122295	chr13	1.11E+08	1.11E+08	+	0.057576
Plk2	MmuINT0122296	chr13	1.11E+08	1.11E+08	+	0.060902
Plk2	MmuINT0122297	chr13	1.11E+08	1.11E+08	+	0.108358
Plk2	MmuINT0122298	chr13	1.11E+08	1.11E+08	+	0.051467
Plk2	MmuINT0122299	chr13	1.11E+08	1.11E+08	+	0.030207
Plk2	MmuINT0122300	chr13	1.11E+08	1.11E+08	+	0.044158
Plk2	MmuINT0122301	chr13	1.11E+08	1.11E+08	+	0.029879
Plk2	MmuINT0122302	chr13	1.11E+08	1.11E+08	+	0.040243
Plk2	MmuINT0122303	chr13	1.11E+08	1.11E+08	+	0.024468
Plk2	MmuINT0122304	chr13	1.11E+08	1.11E+08	+	0.021799
Plk2	MmuINT0122305	chr13	1.11E+08	1.11E+08	+	0.142143
Plk2	MmuINT0122306	chr13	1.11E+08	1.11E+08	+	0.094572
Plk3	MmuINT0122308	chr4	1.17E+08	1.17E+08	-	0.174707
Plk3	MmuINT0122310	chr4	1.17E+08	1.17E+08	-	0.267319
Plk3	MmuINT0122311	chr4	1.17E+08	1.17E+08	-	0.135567
Plk3	MmuINT0122312	chr4	1.17E+08	1.17E+08	-	0.065627
Plk3	MmuINT0122313	chr4	1.17E+08	1.17E+08	-	0.097385
Plk3	MmuINT0122316	chr4	1.17E+08	1.17E+08	-	0.27546
Plk3	MmuINT0122317	chr4	1.17E+08	1.17E+08	-	0.114075
Plk3	MmuINT0122318	chr4	1.17E+08	1.17E+08	-	0.143468
Plk3	MmuINT0122319	chr4	1.17E+08	1.17E+08	-	0.066458
Plk3	MmuINT0122320	chr4	1.17E+08	1.17E+08	-	0.249315
Plk4	MmuINT0122333	chr3	40613031	40614198	+	0.013108
Plk4	MmuINT0122335	chr3	40614687	40615155	+	0.062118
Pln	MmuINT0122355	chr10	53057602	53063562	+	0.007844
Plod1	MmuINT0122356	chr4	1.47E+08	1.47E+08	-	0.004847
Plod1	MmuINT0122357	chr4	1.47E+08	1.47E+08	-	0.018973
Plod1	MmuINT0122358	chr4	1.47E+08	1.47E+08	-	0.024221
Plod1	MmuINT0122359	chr4	1.47E+08	1.47E+08	-	0.016969
Plod1	MmuINT0122360	chr4	1.47E+08	1.47E+08	-	0.002974
Plod1	MmuINT0122361	chr4	1.47E+08	1.47E+08	-	0.024156
Plod1	MmuINT0122362	chr4	1.47E+08	1.47E+08	-	0.023024
Plod1	MmuINT0122363	chr4	1.47E+08	1.47E+08	-	0.023493
Plod1	MmuINT0122364	chr4	1.47E+08	1.47E+08	-	0.02318
Plod1	MmuINT0122365	chr4	1.47E+08	1.47E+08	-	0.010246
Plod1	MmuINT0122366	chr4	1.47E+08	1.47E+08	-	0.008559
Plod1	MmuINT0122367	chr4	1.47E+08	1.47E+08	-	0.00245
Plod1	MmuINT0122368	chr4	1.47E+08	1.47E+08	-	0.002676
Plod1	MmuINT0122369	chr4	1.47E+08	1.47E+08	-	0.003876
Plod1	MmuINT0122370	chr4	1.47E+08	1.47E+08	-	0.012104
Plod1	MmuINT0122371	chr4	1.47E+08	1.47E+08	-	0.009153
Plod1	MmuINT0122372	chr4	1.47E+08	1.47E+08	-	0.004025
Plod1	MmuINT0122373	chr4	1.47E+08	1.47E+08	-	0.014878
Plod2	MmuINT0122374	chr9	92437407	92466092	+	0.022182
Plod2	MmuINT0122375	chr9	92490222	92491173	+	0.026467

Plod2	MmuINT0122376	chr9	92491279	92493425	+	0.017923
Plod2	MmuINT0122377	chr9	92493552	92495578	+	0.016502
Plod2	MmuINT0122378	chr9	92495721	92496822	+	0.129887
Plod2	MmuINT0122379	chr9	92496886	92497785	+	0.123538
Plod2	MmuINT0122380	chr9	92497900	92499616	+	0.01681
Plod2	MmuINT0122381	chr9	92499683	92500210	+	0.040561
Plod2	MmuINT0122382	chr9	92500316	92501345	+	0.039885
Plod2	MmuINT0122383	chr9	92501493	92501601	+	0.012282
Plod2	MmuINT0122384	chr9	92501728	92501912	+	0.010002
Plod2	MmuINT0122385	chr9	92466185	92468308	+	0.011097
Plod2	MmuINT0122386	chr9	92468446	92476039	+	0.009567
Plod2	MmuINT0122387	chr9	92476204	92479328	+	0.016844
Plod2	MmuINT0122388	chr9	92479442	92481676	+	0.013695
Plod2	MmuINT0122389	chr9	92481741	92483438	+	0.011431
Plod2	MmuINT0122390	chr9	92483537	92486137	+	0.016596
Plod2	MmuINT0122391	chr9	92486240	92488582	+	0.104012
Plod2	MmuINT0122392	chr9	92488709	92490099	+	0.025796
Plod3	MmuINT0122394	chr5	1.37E+08	1.37E+08	+	0.011675
Plod3	MmuINT0122395	chr5	1.37E+08	1.37E+08	+	0.012934
Plod3	MmuINT0122396	chr5	1.37E+08	1.37E+08	+	0.017337
Plod3	MmuINT0122397	chr5	1.37E+08	1.37E+08	+	0.011395
Plod3	MmuINT0122398	chr5	1.37E+08	1.37E+08	+	0.018024
Plod3	MmuINT0122399	chr5	1.37E+08	1.37E+08	+	0.031706
Plod3	MmuINT0122400	chr5	1.37E+08	1.37E+08	+	0.029712
Plod3	MmuINT0122401	chr5	1.37E+08	1.37E+08	+	0.035849
Plod3	MmuINT0122402	chr5	1.37E+08	1.37E+08	+	0.092321
Plod3	MmuINT0122403	chr5	1.37E+08	1.37E+08	+	0.014832
Plod3	MmuINT0122404	chr5	1.37E+08	1.37E+08	+	0.018412
Plod3	MmuINT0122405	chr5	1.37E+08	1.37E+08	+	0.011843
Plod3	MmuINT0122406	chr5	1.37E+08	1.37E+08	+	0.011211
Plod3	MmuINT0122407	chr5	1.37E+08	1.37E+08	+	0.019001
Plod3	MmuINT0122408	chr5	1.37E+08	1.37E+08	+	0.065658
Plod3	MmuINT0122409	chr5	1.37E+08	1.37E+08	+	0.014651
Plod3	MmuINT0122410	chr5	1.37E+08	1.37E+08	+	0.09023
Plrg1	MmuINT0122421	chr3	82859577	82860692	+	0.006616
Plrg1	MmuINT0122422	chr3	82872283	82872883	+	0.018368
Plrg1	MmuINT0122423	chr3	82872987	82873614	+	0.014311
Plrg1	MmuINT0122424	chr3	82873724	82874518	+	0.021097
Plrg1	MmuINT0122425	chr3	82874659	82875111	+	0.013303
Plrg1	MmuINT0122426	chr3	82875306	82876032	+	0.011197
Plrg1	MmuINT0122427	chr3	82860800	82862577	+	0.008976
Plrg1	MmuINT0122428	chr3	82862721	82863248	+	0.011709
Plrg1	MmuINT0122429	chr3	82863303	82863758	+	0.012594
Plrg1	MmuINT0122430	chr3	82863850	82864955	+	0.012867
Plrg1	MmuINT0122431	chr3	82865044	82869803	+	0.009812
Plrg1	MmuINT0122432	chr3	82869903	82870600	+	0.009722
Plrg1	MmuINT0122433	chr3	82870694	82871919	+	0.010721
Plrg1	MmuINT0122434	chr3	82872070	82872180	+	0.00794
Pls3	MmuINT0122453	chrX	73040725	73041672	-	0.006849
Pls3	MmuINT0122454	chrX	73039631	73040645	-	0.011853

Pls3	MmuINT0122455	chrX	73039062	73039515	-	0.006269
Pls3	MmuINT0122456	chrX	73036748	73038927	-	0.01048
Pls3	MmuINT0122457	chrX	73036426	73036623	-	0.006388
Pls3	MmuINT0122458	chrX	73032239	73036300	-	0.012156
Pls3	MmuINT0122459	chrX	73061587	73072211	-	0.009034
Pls3	MmuINT0122460	chrX	73051220	73061422	-	0.005231
Pls3	MmuINT0122461	chrX	73050612	73051089	-	0.006382
Pls3	MmuINT0122462	chrX	73047946	73050478	-	0.007089
Pls3	MmuINT0122463	chrX	73047081	73047863	-	0.010856
Pls3	MmuINT0122464	chrX	73045984	73046914	-	0.009881
Pls3	MmuINT0122465	chrX	73044830	73045840	-	0.007136
Pls3	MmuINT0122466	chrX	73041869	73044733	-	0.005619
Plscr1	MmuINT0122468	chr9	92152913	92154111	+	0.011677
Plscr1	MmuINT0122469	chr9	92154193	92157870	+	0.008729
Plscr2	MmuINT0122476	chr9	92177031	92182409	+	0.021956
Plscr2	MmuINT0122477	chr9	92182643	92184500	+	0.377622
Plscr2	MmuINT0122478	chr9	92184544	92185476	+	0.486381
Plscr2	MmuINT0122479	chr9	92185698	92185814	+	0.005131
Plscr2	MmuINT0122480	chr9	92185977	92190352	+	0.068466
Plscr2	MmuINT0122481	chr9	92190515	92192009	+	0.054677
Plscr3	MmuINT0122482	chr11	69660578	69660836	+	0.030618
Plscr3	MmuINT0122483	chr11	69661076	69661158	+	0.009867
Plscr3	MmuINT0122484	chr11	69661202	69661304	+	0.070276
Plscr3	MmuINT0122485	chr11	69661526	69661715	+	0.006514
Plscr3	MmuINT0122486	chr11	69661878	69663513	+	0.03331
Plscr3	MmuINT0122487	chr11	69663676	69663845	+	0.007293
Plscr4	MmuINT0122491	chr9	92367851	92377479	+	0.063087
Plscr4	MmuINT0122492	chr9	92377704	92378658	+	0.04194
Plscr4	MmuINT0122493	chr9	92378702	92379557	+	0.143552
Plscr4	MmuINT0122494	chr9	92379785	92383431	+	0.173579
Plscr4	MmuINT0122495	chr9	92383594	92384789	+	0.10088
Plscr4	MmuINT0122496	chr9	92384949	92385597	+	0.035395
Pltp	MmuINT0122503	chr2	1.65E+08	1.65E+08	-	0.072578
Pltp	MmuINT0122504	chr2	1.65E+08	1.65E+08	-	0.009234
Pltp	MmuINT0122505	chr2	1.65E+08	1.65E+08	-	0.008827
Pltp	MmuINT0122506	chr2	1.65E+08	1.65E+08	-	0.064888
Pltp	MmuINT0122507	chr2	1.65E+08	1.65E+08	-	0.103244
Pltp	MmuINT0122508	chr2	1.65E+08	1.65E+08	-	0.07613
Pltp	MmuINT0122509	chr2	1.65E+08	1.65E+08	-	0.008643
Pltp	MmuINT0122510	chr2	1.65E+08	1.65E+08	-	0.008262
Pltp	MmuINT0122511	chr2	1.65E+08	1.65E+08	-	0.012296
Pltp	MmuINT0122512	chr2	1.65E+08	1.65E+08	-	0.015449
Pltp	MmuINT0122513	chr2	1.65E+08	1.65E+08	-	0.04152
Pltp	MmuINT0122514	chr2	1.65E+08	1.65E+08	-	0.018658
Pltp	MmuINT0122515	chr2	1.65E+08	1.65E+08	-	0.027669
Pltp	MmuINT0122516	chr2	1.65E+08	1.65E+08	-	0.009662
Plvap	MmuINT0122525	chr8	74032460	74035249	-	0.041874
Plvap	MmuINT0122526	chr8	74032207	74032362	-	0.045818
Plvap	MmuINT0122527	chr8	74030977	74031499	-	0.04897
Plvap	MmuINT0122528	chr8	74030818	74030918	-	0.040217

Plvap	MmuINT0122529	chr8	74022305	74030735	-	0.105259
Plxdc2	MmuINT0122543	chr2	16278865	16433648	+	0.02145
Plxdc2	MmuINT0122544	chr2	16625011	16633708	+	0.023029
Plxdc2	MmuINT0122545	chr2	16633857	16635296	+	0.018141
Plxdc2	MmuINT0122546	chr2	16635336	16650879	+	0.024202
Plxdc2	MmuINT0122547	chr2	16651041	16672817	+	0.016227
Plxdc2	MmuINT0122548	chr2	16433861	16469743	+	0.01726
Plxdc2	MmuINT0122549	chr2	16469891	16486962	+	0.033593
Plxdc2	MmuINT0122551	chr2	16560337	16571735	+	0.04078
Plxdc2	MmuINT0122552	chr2	16571855	16582400	+	0.028462
Plxdc2	MmuINT0122553	chr2	16582501	16591120	+	0.029589
Plxdc2	MmuINT0122554	chr2	16591217	16591449	+	0.035671
Plxdc2	MmuINT0122555	chr2	16591532	16624943	+	0.028653
Plxna1	MmuINT0122558	chr6	89285316	89285390	-	0.022166
Plxna1	MmuINT0122559	chr6	89285000	89285121	-	0.035071
Plxna1	MmuINT0122560	chr6	89284766	89284847	-	0.050993
Plxna1	MmuINT0122561	chr6	89284407	89284644	-	0.018188
Plxna1	MmuINT0122562	chr6	89283168	89284269	-	0.018007
Plxna1	MmuINT0122563	chr6	89282769	89282999	-	0.012358
Plxna1	MmuINT0122564	chr6	89282320	89282674	-	0.014569
Plxna1	MmuINT0122565	chr6	89281979	89282079	-	0.018739
Plxna1	MmuINT0122566	chr6	89281444	89281834	-	0.018273
Plxna1	MmuINT0122567	chr6	89305033	89306451	-	0.013118
Plxna1	MmuINT0122568	chr6	89280473	89281208	-	0.012752
Plxna1	MmuINT0122569	chr6	89279809	89280329	-	0.017871
Plxna1	MmuINT0122570	chr6	89279445	89279551	-	0.029682
Plxna1	MmuINT0122571	chr6	89274681	89279377	-	0.022525
Plxna1	MmuINT0122572	chr6	89274408	89274533	-	0.016413
Plxna1	MmuINT0122573	chr6	89273672	89274247	-	0.016202
Plxna1	MmuINT0122574	chr6	89273327	89273567	-	0.021403
Plxna1	MmuINT0122575	chr6	89272916	89273229	-	0.022764
Plxna1	MmuINT0122576	chr6	89272607	89272724	-	0.016028
Plxna1	MmuINT0122577	chr6	89271064	89272436	-	0.025151
Plxna1	MmuINT0122578	chr6	89294104	89304849	-	0.026211
Plxna1	MmuINT0122579	chr6	89270757	89270850	-	0.013714
Plxna1	MmuINT0122580	chr6	89269466	89270605	-	0.014068
Plxna1	MmuINT0122581	chr6	89293046	89293962	-	0.036359
Plxna1	MmuINT0122582	chr6	89292703	89292944	-	0.03124
Plxna1	MmuINT0122583	chr6	89292477	89292578	-	0.022862
Plxna1	MmuINT0122585	chr6	89290632	89291842	-	0.029035
Plxna2	MmuINT0122587	chr1	1.96E+08	1.96E+08	+	0.049065
Plxna2	MmuINT0122588	chr1	1.97E+08	1.97E+08	+	0.013113
Plxna2	MmuINT0122589	chr1	1.97E+08	1.97E+08	+	0.032719
Plxna2	MmuINT0122590	chr1	1.97E+08	1.97E+08	+	0.019336
Plxna2	MmuINT0122591	chr1	1.97E+08	1.97E+08	+	0.022764
Plxna2	MmuINT0122592	chr1	1.97E+08	1.97E+08	+	0.015648
Plxna2	MmuINT0122593	chr1	1.97E+08	1.97E+08	+	0.017621
Plxna2	MmuINT0122594	chr1	1.97E+08	1.97E+08	+	0.025601
Plxna2	MmuINT0122595	chr1	1.97E+08	1.97E+08	+	0.018657
Plxna2	MmuINT0122596	chr1	1.97E+08	1.97E+08	+	0.014074

Plxna2	MmuINT0122597	chr1	1.97E+08	1.97E+08	+	0.01648
Plxna2	MmuINT0122598	chr1	1.96E+08	1.96E+08	+	0.023726
Plxna2	MmuINT0122599	chr1	1.97E+08	1.97E+08	+	0.015979
Plxna2	MmuINT0122600	chr1	1.97E+08	1.97E+08	+	0.01771
Plxna2	MmuINT0122601	chr1	1.97E+08	1.97E+08	+	0.04246
Plxna2	MmuINT0122602	chr1	1.97E+08	1.97E+08	+	0.02317
Plxna2	MmuINT0122603	chr1	1.97E+08	1.97E+08	+	0.013345
Plxna2	MmuINT0122604	chr1	1.97E+08	1.97E+08	+	0.041233
Plxna2	MmuINT0122605	chr1	1.97E+08	1.97E+08	+	0.01452
Plxna2	MmuINT0122606	chr1	1.97E+08	1.97E+08	+	0.018888
Plxna2	MmuINT0122607	chr1	1.97E+08	1.97E+08	+	0.012593
Plxna2	MmuINT0122608	chr1	1.97E+08	1.97E+08	+	0.071544
Plxna2	MmuINT0122610	chr1	1.97E+08	1.97E+08	+	0.071246
Plxna2	MmuINT0122611	chr1	1.97E+08	1.97E+08	+	0.014232
Plxna2	MmuINT0122613	chr1	1.97E+08	1.97E+08	+	0.022271
Plxna2	MmuINT0122614	chr1	1.97E+08	1.97E+08	+	0.020568
Plxna2	MmuINT0122615	chr1	1.97E+08	1.97E+08	+	0.025486
Plxna2	MmuINT0122616	chr1	1.97E+08	1.97E+08	+	0.019333
Plxna2	MmuINT0122617	chr1	1.97E+08	1.97E+08	+	0.018723
Plxna4	MmuINT0122662	chr6	32142390	32146123	-	0.049174
Plxna4	MmuINT0122663	chr6	32135563	32142246	-	0.039841
Plxna4	MmuINT0122667	chr6	32115862	32128350	-	0.039227
Plxna4	MmuINT0122670	chr6	32112180	32113399	-	0.046571
Plxna4	MmuINT0122673	chr6	32102952	32107831	-	0.039956
Plxna4	MmuINT0122674	chr6	32100585	32102800	-	0.046397
Plxnb1	MmuINT0122682	chr9	1.09E+08	1.09E+08	+	0.029654
Plxnb1	MmuINT0122684	chr9	1.09E+08	1.09E+08	+	0.007217
Plxnb1	MmuINT0122685	chr9	1.09E+08	1.09E+08	+	0.008762
Plxnb1	MmuINT0122686	chr9	1.09E+08	1.09E+08	+	0.00941
Plxnb1	MmuINT0122687	chr9	1.09E+08	1.09E+08	+	0.008862
Plxnb1	MmuINT0122688	chr9	1.09E+08	1.09E+08	+	0.023908
Plxnb1	MmuINT0122689	chr9	1.09E+08	1.09E+08	+	0.009337
Plxnb1	MmuINT0122690	chr9	1.09E+08	1.09E+08	+	0.037829
Plxnb1	MmuINT0122691	chr9	1.09E+08	1.09E+08	+	0.008193
Plxnb1	MmuINT0122693	chr9	1.09E+08	1.09E+08	+	0.007145
Plxnb1	MmuINT0122694	chr9	1.09E+08	1.09E+08	+	0.017231
Plxnb1	MmuINT0122695	chr9	1.09E+08	1.09E+08	+	0.005799
Plxnb1	MmuINT0122696	chr9	1.09E+08	1.09E+08	+	0.008508
Plxnb1	MmuINT0122697	chr9	1.09E+08	1.09E+08	+	0.007199
Plxnb1	MmuINT0122698	chr9	1.09E+08	1.09E+08	+	0.0148
Plxnb1	MmuINT0122699	chr9	1.09E+08	1.09E+08	+	0.017404
Plxnb1	MmuINT0122700	chr9	1.09E+08	1.09E+08	+	0.015035
Plxnb1	MmuINT0122701	chr9	1.09E+08	1.09E+08	+	0.005731
Plxnb1	MmuINT0122702	chr9	1.09E+08	1.09E+08	+	0.007082
Plxnb1	MmuINT0122703	chr9	1.09E+08	1.09E+08	+	0.008996
Plxnb1	MmuINT0122704	chr9	1.09E+08	1.09E+08	+	0.014324
Plxnb1	MmuINT0122705	chr9	1.09E+08	1.09E+08	+	0.023019
Plxnb1	MmuINT0122706	chr9	1.09E+08	1.09E+08	+	0.00714
Plxnb1	MmuINT0122707	chr9	1.09E+08	1.09E+08	+	0.016083
Plxnb1	MmuINT0122708	chr9	1.09E+08	1.09E+08	+	0.033296

Plxnb1	MmuINT0122709	chr9	1.09E+08	1.09E+08	+	0.035121
Plxnb1	MmuINT0122710	chr9	1.09E+08	1.09E+08	+	0.04497
Plxnb1	MmuINT0122711	chr9	1.09E+08	1.09E+08	+	0.011602
Plxnb1	MmuINT0122713	chr9	1.09E+08	1.09E+08	+	0.010536
Plxnb1	MmuINT0122715	chr9	1.09E+08	1.09E+08	+	0.011367
Plxnb1	MmuINT0122716	chr9	1.09E+08	1.09E+08	+	0.016781
Plxnb2	MmuINT0122719	chr15	88994752	88994849	-	0.008895
Plxnb2	MmuINT0122720	chr15	88994544	88994642	-	0.003436
Plxnb2	MmuINT0122721	chr15	88993801	88994441	-	0.008512
Plxnb2	MmuINT0122722	chr15	88993435	88993707	-	0.013232
Plxnb2	MmuINT0122723	chr15	88993278	88993352	-	0.008419
Plxnb2	MmuINT0122724	chr15	88993026	88993116	-	0.004481
Plxnb2	MmuINT0122725	chr15	88992790	88992876	-	0.003053
Plxnb2	MmuINT0122726	chr15	88992553	88992680	-	0.002628
Plxnb2	MmuINT0122727	chr15	88992276	88992415	-	0.002522
Plxnb2	MmuINT0122728	chr15	88991787	88992104	-	0.003842
Plxnb2	MmuINT0122730	chr15	88991543	88991653	-	0.004233
Plxnb2	MmuINT0122731	chr15	88991214	88991314	-	0.005024
Plxnb2	MmuINT0122732	chr15	88990938	88991036	-	0.004984
Plxnb2	MmuINT0122733	chr15	88990692	88990797	-	0.007316
Plxnb2	MmuINT0122734	chr15	88990433	88990590	-	0.004297
Plxnb2	MmuINT0122735	chr15	88990073	88990202	-	0.004191
Plxnb2	MmuINT0122737	chr15	88989536	88989656	-	0.005703
Plxnb2	MmuINT0122738	chr15	88989214	88989388	-	0.017827
Plxnb2	MmuINT0122739	chr15	88988956	88989056	-	0.013906
Plxnb2	MmuINT0122740	chr15	88998458	89000998	-	0.004335
Plxnb2	MmuINT0122741	chr15	88988751	88988854	-	0.00771
Plxnb2	MmuINT0122742	chr15	88988486	88988665	-	0.00945
Plxnb2	MmuINT0122743	chr15	88988226	88988330	-	0.003323
Plxnb2	MmuINT0122744	chr15	88987970	88988064	-	0.003611
Plxnb2	MmuINT0122745	chr15	88987681	88987821	-	0.014163
Plxnb2	MmuINT0122746	chr15	88987499	88987615	-	0.0114
Plxnb2	MmuINT0122747	chr15	88987003	88987422	-	0.010537
Plxnb2	MmuINT0122748	chr15	88986816	88986927	-	0.008479
Plxnb2	MmuINT0122749	chr15	88997197	88997370	-	0.003776
Plxnb2	MmuINT0122750	chr15	88996925	88997013	-	0.00361
Plxnb2	MmuINT0122751	chr15	88996437	88996795	-	0.006983
Plxnb2	MmuINT0122752	chr15	88996260	88996335	-	0.005643
Plxnb2	MmuINT0122753	chr15	88995831	88996132	-	0.003489
Plxnb2	MmuINT0122754	chr15	88994965	88995676	-	0.006511
Plxnd1	MmuINT0122820	chr6	1.16E+08	1.16E+08	-	0.007173
Plxnd1	MmuINT0122821	chr6	1.16E+08	1.16E+08	-	0.006006
Plxnd1	MmuINT0122822	chr6	1.16E+08	1.16E+08	-	0.007405
Plxnd1	MmuINT0122823	chr6	1.16E+08	1.16E+08	-	0.007438
Plxnd1	MmuINT0122824	chr6	1.16E+08	1.16E+08	-	0.016994
Plxnd1	MmuINT0122825	chr6	1.16E+08	1.16E+08	-	0.006767
Plxnd1	MmuINT0122826	chr6	1.16E+08	1.16E+08	-	0.105387
Plxnd1	MmuINT0122827	chr6	1.16E+08	1.16E+08	-	0.006693
Plxnd1	MmuINT0122828	chr6	1.16E+08	1.16E+08	-	0.012164
Plxnd1	MmuINT0122829	chr6	1.16E+08	1.16E+08	-	0.014444



Plxnd1	MmuINT0122830	chr6	1.16E+08	1.16E+08	-	0.069956
Plxnd1	MmuINT0122831	chr6	1.16E+08	1.16E+08	-	0.010283
Plxnd1	MmuINT0122832	chr6	1.16E+08	1.16E+08	-	0.009059
Plxnd1	MmuINT0122833	chr6	1.16E+08	1.16E+08	-	0.092252
Plxnd1	MmuINT0122834	chr6	1.16E+08	1.16E+08	-	0.008204
Plxnd1	MmuINT0122835	chr6	1.16E+08	1.16E+08	-	0.036774
Plxnd1	MmuINT0122836	chr6	1.16E+08	1.16E+08	-	0.027878
Plxnd1	MmuINT0122837	chr6	1.16E+08	1.16E+08	-	0.016561
Plxnd1	MmuINT0122838	chr6	1.16E+08	1.16E+08	-	0.016592
Plxnd1	MmuINT0122839	chr6	1.16E+08	1.16E+08	-	0.21898
Plxnd1	MmuINT0122840	chr6	1.16E+08	1.16E+08	-	0.046783
Plxnd1	MmuINT0122841	chr6	1.16E+08	1.16E+08	-	0.008063
Plxnd1	MmuINT0122842	chr6	1.16E+08	1.16E+08	-	0.009791
Plxnd1	MmuINT0122843	chr6	1.16E+08	1.16E+08	-	0.010151
Plxnd1	MmuINT0122844	chr6	1.16E+08	1.16E+08	-	0.003124
Plxnd1	MmuINT0122845	chr6	1.16E+08	1.16E+08	-	0.031166
Plxnd1	MmuINT0122846	chr6	1.16E+08	1.16E+08	-	0.040963
Plxnd1	MmuINT0122847	chr6	1.16E+08	1.16E+08	-	0.003515
Plxnd1	MmuINT0122848	chr6	1.16E+08	1.16E+08	-	0.00632
Plxnd1	MmuINT0122849	chr6	1.16E+08	1.16E+08	-	0.011446
Plxnd1	MmuINT0122850	chr6	1.16E+08	1.16E+08	-	0.009672
Plxnd1	MmuINT0122851	chr6	1.16E+08	1.16E+08	-	0.005856
Plxnd1	MmuINT0122852	chr6	1.16E+08	1.16E+08	-	0.011858
Plxnd1	MmuINT0122853	chr6	1.16E+08	1.16E+08	-	0.007176
Plxnd1	MmuINT0122854	chr6	1.16E+08	1.16E+08	-	0.007166
Pm20d1	MmuINT0122855	chr1	1.34E+08	1.34E+08	+	0.098094
Pm20d1	MmuINT0122856	chr1	1.34E+08	1.34E+08	+	0.027655
Pm20d1	MmuINT0122857	chr1	1.34E+08	1.34E+08	+	0.016404
Pm20d1	MmuINT0122858	chr1	1.34E+08	1.34E+08	+	0.024244
Pm20d1	MmuINT0122860	chr1	1.34E+08	1.34E+08	+	0.053692
Pm20d1	MmuINT0122861	chr1	1.34E+08	1.34E+08	+	0.015721
Pm20d1	MmuINT0122862	chr1	1.34E+08	1.34E+08	+	0.026766
Pm20d1	MmuINT0122863	chr1	1.34E+08	1.34E+08	+	0.022694
Pm20d1	MmuINT0122864	chr1	1.34E+08	1.34E+08	+	0.062727
Pm20d1	MmuINT0122865	chr1	1.34E+08	1.34E+08	+	0.075854
Pm20d1	MmuINT0122866	chr1	1.34E+08	1.34E+08	+	0.036854
Pm20d2	MmuINT0122867	chr4	33274172	33275905	-	0.007966
Pm20d2	MmuINT0122868	chr4	33270195	33274022	-	0.003843
Pm20d2	MmuINT0122869	chr4	33268835	33270051	-	0.006857
Pm20d2	MmuINT0122870	chr4	33266316	33268679	-	0.003864
Pm20d2	MmuINT0122871	chr4	33261827	33266179	-	0.005128
Pm20d2	MmuINT0122872	chr4	33261456	33261718	-	0.007504
Pmepa1	MmuINT0122876	chr2	1.73E+08	1.73E+08	-	0.011282
Pmepa1	MmuINT0122877	chr2	1.73E+08	1.73E+08	-	0.017422
Pmepa1	MmuINT0122878	chr2	1.73E+08	1.73E+08	-	0.010406
Pmf1	MmuINT0122879	chr3	88203739	88214077	-	0.015161
Pmf1	MmuINT0122880	chr3	88203158	88203632	-	0.018629
Pmf1	MmuINT0122881	chr3	88200023	88203056	-	0.040762
Pmf1	MmuINT0122882	chr3	88198493	88199826	-	0.034505
Pml	MmuINT0122903	chr9	58095246	58097347	-	0.032038

Pml	MmuINT0122904	chr9	58082741	58094781	-	0.034755
Pml	MmuINT0122905	chr9	58081055	58082159	-	0.097228
Pml	MmuINT0122906	chr9	58077894	58080959	-	0.211571
Pml	MmuINT0122907	chr9	58077215	58077634	-	0.040761
Pml	MmuINT0122908	chr9	58069673	58077161	-	0.13024
Pml	MmuINT0122909	chr9	58068377	58069521	-	0.246148
Pmm1	MmuINT0122912	chr15	81788341	81791144	-	0.011071
Pmm1	MmuINT0122913	chr15	81786869	81788222	-	0.014029
Pmm1	MmuINT0122914	chr15	81786691	81786791	-	0.011384
Pmm1	MmuINT0122915	chr15	81786179	81786598	-	0.010662
Pmm1	MmuINT0122916	chr15	81783231	81786078	-	0.169448
Pmm1	MmuINT0122917	chr15	81782470	81783154	-	0.027321
Pmm1	MmuINT0122918	chr15	81782043	81782353	-	0.027195
Pmm2	MmuINT0122919	chr16	8637922	8642830	+	0.005948
Pmm2	MmuINT0122920	chr16	8642943	8645461	+	0.058293
Pmm2	MmuINT0122921	chr16	8645539	8646265	+	0.103297
Pmm2	MmuINT0122922	chr16	8646358	8648740	+	0.050428
Pmm2	MmuINT0122923	chr16	8648841	8648974	+	0.007366
Pmm2	MmuINT0122924	chr16	8649051	8651502	+	0.020962
Pmm2	MmuINT0122925	chr16	8651619	8655643	+	0.015912
Pmm2	MmuINT0122926	chr16	8655782	8656648	+	0.025148
Pmp22	MmuINT0122930	chr11	62945157	62946626	+	0.021762
Pmp22	MmuINT0122931	chr11	62946747	62947922	+	0.004966
Pmp22	MmuINT0122932	chr11	62948023	62964620	+	0.004523
Pmp22	MmuINT0122933	chr11	62964762	62971753	+	0.023723
Pmpca	MmuINT0122934	chr2	26244953	26245455	+	0.005944
Pmpca	MmuINT0122935	chr2	26248908	26249037	+	0.004024
Pmpca	MmuINT0122936	chr2	26249101	26250544	+	0.016972
Pmpca	MmuINT0122937	chr2	26250690	26250938	+	0.005854
Pmpca	MmuINT0122938	chr2	26245659	26245750	+	0.004267
Pmpca	MmuINT0122939	chr2	26245831	26246014	+	0.00406
Pmpca	MmuINT0122940	chr2	26246098	26246603	+	0.006194
Pmpca	MmuINT0122941	chr2	26246699	26247385	+	0.005179
Pmpca	MmuINT0122942	chr2	26247487	26247931	+	0.008809
Pmpca	MmuINT0122943	chr2	26248196	26248425	+	0.002694
Pmpca	MmuINT0122944	chr2	26248519	26248605	+	0.005277
Pmpca	MmuINT0122945	chr2	26248725	26248816	+	0.003042
Pmpcb	MmuINT0122946	chr5	21243095	21244686	+	0.000849
Pmpcb	MmuINT0122947	chr5	21262306	21262404	+	0.002854
Pmpcb	MmuINT0122948	chr5	21262494	21262632	+	0.004407
Pmpcb	MmuINT0122949	chr5	21262709	21262797	+	0.002693
Pmpcb	MmuINT0122950	chr5	21244828	21245857	+	0.000607
Pmpcb	MmuINT0122951	chr5	21245945	21246302	+	0.000926
Pmpcb	MmuINT0122952	chr5	21246433	21248575	+	0.001135
Pmpcb	MmuINT0122953	chr5	21248775	21249196	+	0.00105
Pmpcb	MmuINT0122954	chr5	21249277	21251795	+	0.00714
Pmpcb	MmuINT0122955	chr5	21251909	21252795	+	0.00375
Pmpcb	MmuINT0122956	chr5	21252940	21254566	+	0.000611
Pmpcb	MmuINT0122957	chr5	21254728	21262219	+	0.001972
Pms1	MmuINT0122961	chr1	53246343	53248943	-	0.046162

Pms1	MmuINT0122969	chr1	53254147	53263405	-	0.059971
Pms2	MmuINT0122971	chr5	1.45E+08	1.45E+08	+	0.063867
Pms2	MmuINT0122972	chr5	1.45E+08	1.45E+08	+	0.116897
Pms2	MmuINT0122973	chr5	1.45E+08	1.45E+08	+	0.116514
Pms2	MmuINT0122974	chr5	1.45E+08	1.45E+08	+	0.061653
Pms2	MmuINT0122975	chr5	1.45E+08	1.45E+08	+	0.072263
Pms2	MmuINT0122981	chr5	1.45E+08	1.45E+08	+	0.068619
Pms2	MmuINT0122982	chr5	1.45E+08	1.45E+08	+	0.033192
Pmvk	MmuINT0122984	chr3	89263387	89265803	+	0.046833
Pmvk	MmuINT0122985	chr3	89265868	89268217	+	0.017748
Pmvk	MmuINT0122986	chr3	89268371	89271468	+	0.019088
Pmvk	MmuINT0122987	chr3	89271599	89272435	+	0.007707
Pnck	MmuINT0122990	chrX	70902154	70902250	-	0.020149
Pnck	MmuINT0122991	chrX	70901726	70902008	-	0.013322
Pnck	MmuINT0122992	chrX	70904159	70904518	-	0.113133
Pnck	MmuINT0122993	chrX	70903668	70904026	-	0.046581
Pnck	MmuINT0122995	chrX	70903183	70903357	-	0.032324
Pnck	MmuINT0122996	chrX	70902853	70903058	-	0.091929
Pnck	MmuINT0122997	chrX	70902683	70902776	-	0.145299
Pnck	MmuINT0122998	chrX	70902489	70902569	-	0.089759
Pnck	MmuINT0122999	chrX	70902339	70902409	-	0.031387
Pnkd	MmuINT0123001	chr1	74379366	74393958	+	0.010317
Pnkd	MmuINT0123002	chr1	74394075	74394225	+	0.01877
Pnkd	MmuINT0123003	chr1	74394339	74395336	+	0.012517
Pnkd	MmuINT0123004	chr1	74395396	74395881	+	0.020298
Pnkd	MmuINT0123005	chr1	74395975	74396287	+	0.029873
Pnkd	MmuINT0123006	chr1	74396452	74397190	+	0.024592
Pnkd	MmuINT0123007	chr1	74397278	74398110	+	0.015372
Pnkd	MmuINT0123008	chr1	74398227	74398331	+	0.015575
Pnkd	MmuINT0123009	chr1	74331712	74332415	+	0.001414
Pnkp	MmuINT0123011	chr7	52112925	52113532	+	0.069941
Pnkp	MmuINT0123012	chr7	52116610	52116687	+	0.044689
Pnkp	MmuINT0123013	chr7	52116785	52116869	+	0.047667
Pnkp	MmuINT0123014	chr7	52116932	52117018	+	0.010996
Pnkp	MmuINT0123015	chr7	52117129	52117563	+	0.013065
Pnkp	MmuINT0123016	chr7	52117652	52117735	+	0.024685
Pnkp	MmuINT0123017	chr7	52117798	52117868	+	0.034274
Pnkp	MmuINT0123018	chr7	52113580	52113822	+	0.080413
Pnkp	MmuINT0123019	chr7	52114120	52115092	+	0.050681
Pnkp	MmuINT0123020	chr7	52115173	52115257	+	0.040978
Pnkp	MmuINT0123021	chr7	52115316	52115446	+	0.038369
Pnkp	MmuINT0123022	chr7	52115555	52115729	+	0.044075
Pnkp	MmuINT0123023	chr7	52115802	52116232	+	0.084359
Pnkp	MmuINT0123024	chr7	52116282	52116358	+	0.05265
Pnkp	MmuINT0123025	chr7	52116430	52116516	+	0.015813
Pnmt	MmuINT0123084	chr11	98248181	98248650	+	0.412015
Pnn	MmuINT0123086	chr12	60168103	60168765	+	0.006503
Pnn	MmuINT0123087	chr12	60168838	60169271	+	0.009323
Pnn	MmuINT0123088	chr12	60169341	60169712	+	0.007445
Pnn	MmuINT0123089	chr12	60169786	60169888	+	0.009359

Pnn	MmuINT0123090	chr12	60169984	60170102	+	0.02207
Pnn	MmuINT0123091	chr12	60170179	60171128	+	0.046139
Pnn	MmuINT0123092	chr12	60171285	60171365	+	0.009965
Pnn	MmuINT0123093	chr12	60171505	60172412	+	0.00928
Pno1	MmuINT0123094	chr11	17111141	17111315	-	0.003585
Pno1	MmuINT0123095	chr11	17109398	17110990	-	0.007785
Pno1	MmuINT0123096	chr11	17109141	17109313	-	0.006611
Pno1	MmuINT0123097	chr11	17108910	17109079	-	0.004787
Pno1	MmuINT0123098	chr11	17104575	17108791	-	0.007216
Pno1	MmuINT0123099	chr11	17104005	17104503	-	0.004005
Pnp	MmuINT0123103	chr14	51564269	51567526	+	0.008272
Pnpla2	MmuINT0123124	chr7	1.49E+08	1.49E+08	+	0.006316
Pnpla2	MmuINT0123125	chr7	1.49E+08	1.49E+08	+	0.001756
Pnpla2	MmuINT0123126	chr7	1.49E+08	1.49E+08	+	0.008309
Pnpla2	MmuINT0123127	chr7	1.49E+08	1.49E+08	+	0.005267
Pnpla2	MmuINT0123129	chr7	1.49E+08	1.49E+08	+	0.00824
Pnpla2	MmuINT0123130	chr7	1.49E+08	1.49E+08	+	0.003185
Pnpla6	MmuINT0123153	chr8	3522925	3523257	+	0.041128
Pnpla6	MmuINT0123154	chr8	3523342	3523757	+	0.072847
Pnpla6	MmuINT0123156	chr8	3524167	3524251	+	0.052003
Pnpla6	MmuINT0123157	chr8	3524330	3530961	+	0.039717
Pnpla6	MmuINT0123158	chr8	3531168	3531428	+	0.04556
Pnpla6	MmuINT0123159	chr8	3531561	3531637	+	0.107659
Pnpla6	MmuINT0123160	chr8	3531762	3532002	+	0.100436
Pnpla6	MmuINT0123161	chr8	3532117	3532351	+	0.104636
Pnpla6	MmuINT0123163	chr8	3532428	3534529	+	0.053347
Pnpla6	MmuINT0123164	chr8	3534671	3534831	+	0.039456
Pnpla6	MmuINT0123165	chr8	3534896	3535461	+	0.070446
Pnpla6	MmuINT0123166	chr8	3535631	3535819	+	0.034402
Pnpla6	MmuINT0123167	chr8	3536003	3536542	+	0.06989
Pnpla6	MmuINT0123168	chr8	3536662	3536862	+	0.04901
Pnpla6	MmuINT0123169	chr8	3537020	3537248	+	0.032403
Pnpla6	MmuINT0123170	chr8	3537366	3537450	+	0.060228
Pnpla6	MmuINT0123171	chr8	3537521	3537968	+	0.279128
Pnpla6	MmuINT0123172	chr8	3538086	3541290	+	0.61273
Pnpla6	MmuINT0123174	chr8	3541593	3542297	+	0.081246
Pnpla6	MmuINT0123175	chr8	3542415	3542844	+	0.061003
Pnpla6	MmuINT0123176	chr8	3542942	3543066	+	0.028998
Pnpla6	MmuINT0123177	chr8	3543177	3543953	+	0.044391
Pnpla6	MmuINT0123182	chr8	3522182	3522276	+	0.04737
Pnpla7	MmuINT0123186	chr2	24852871	24854141	+	0.016476
Pnpla7	MmuINT0123187	chr2	24854280	24858134	+	0.01915
Pnpla7	MmuINT0123188	chr2	24858236	24858408	+	0.04041
Pnpla7	MmuINT0123189	chr2	24858553	24866233	+	0.018471
Pnpla7	MmuINT0123190	chr2	24866312	24867025	+	0.016642
Pnpla7	MmuINT0123191	chr2	24867232	24870669	+	0.026963
Pnpla7	MmuINT0123193	chr2	24872151	24874923	+	0.014354
Pnpla7	MmuINT0123194	chr2	24875038	24877461	+	0.021216
Pnpla7	MmuINT0123196	chr2	24877532	24885026	+	0.022832
Pnpla7	MmuINT0123197	chr2	24885177	24894356	+	0.015982

Pnpla7	MmuINT0123198	chr2	24894421	24895122	+	0.019285
Pnpla7	MmuINT0123199	chr2	24895292	24896465	+	0.014293
Pnpla7	MmuINT0123200	chr2	24896649	24897608	+	0.014491
Pnpla7	MmuINT0123201	chr2	24897728	24903127	+	0.032112
Pnpla7	MmuINT0123202	chr2	24903285	24905518	+	0.017343
Pnpla7	MmuINT0123203	chr2	24905636	24905777	+	0.014185
Pnpla7	MmuINT0123204	chr2	24905848	24906374	+	0.021777
Pnpla7	MmuINT0123205	chr2	24906492	24907120	+	0.016779
Pnpla7	MmuINT0123207	chr2	24907270	24907551	+	0.050956
Pnpla7	MmuINT0123208	chr2	24907705	24907827	+	0.01713
Pnpla7	MmuINT0123209	chr2	24907939	24908072	+	0.020409
Pnpla7	MmuINT0123210	chr2	24908158	24908914	+	0.023697
Pnpla7	MmuINT0123211	chr2	24909019	24909190	+	0.025364
Pnpla7	MmuINT0123216	chr2	24842720	24850797	+	0.019903
Pnpla7	MmuINT0123217	chr2	24850927	24851676	+	0.071659
Pnpla8	MmuINT0123218	chr12	45370289	45383564	+	0.0054
Pnpla8	MmuINT0123219	chr12	45384692	45384779	+	0.001448
Pnpla8	MmuINT0123220	chr12	45384930	45389157	+	0.00254
Pnpla8	MmuINT0123221	chr12	45389310	45391552	+	0.002153
Pnpla8	MmuINT0123222	chr12	45391648	45396884	+	0.007328
Pnpla8	MmuINT0123223	chr12	45397057	45400220	+	0.002163
Pnpla8	MmuINT0123224	chr12	45400279	45405897	+	0.002556
Pnpla8	MmuINT0123225	chr12	45406093	45408905	+	0.001849
Pnpla8	MmuINT0123226	chr12	45409102	45412311	+	0.006677
Pnpo	MmuINT0123227	chr11	96803849	96805044	-	0.031503
Pnpo	MmuINT0123228	chr11	96802270	96803723	-	0.018017
Pnpo	MmuINT0123229	chr11	96801384	96802169	-	0.034359
Pnpo	MmuINT0123230	chr11	96801091	96801329	-	0.011093
Pnpo	MmuINT0123231	chr11	96800640	96800961	-	0.021407
Pnpo	MmuINT0123232	chr11	96800398	96800568	-	0.022176
Pnpt1	MmuINT0123233	chr11	29030919	29032844	+	0.0315
Pnpt1	MmuINT0123234	chr11	29039276	29039947	+	0.012474
Pnpt1	MmuINT0123235	chr11	29040006	29041223	+	0.01427
Pnpt1	MmuINT0123236	chr11	29041321	29041663	+	0.01173
Pnpt1	MmuINT0123237	chr11	29041767	29045428	+	0.010886
Pnpt1	MmuINT0123238	chr11	29045500	29046795	+	0.018451
Pnpt1	MmuINT0123239	chr11	29046833	29047297	+	0.045397
Pnpt1	MmuINT0123240	chr11	29047365	29047443	+	0.018323
Pnpt1	MmuINT0123241	chr11	29047534	29048277	+	0.01261
Pnpt1	MmuINT0123242	chr11	29048332	29053231	+	0.015801
Pnpt1	MmuINT0123243	chr11	29053339	29054143	+	0.042805
Pnpt1	MmuINT0123244	chr11	29032906	29033851	+	0.01929
Pnpt1	MmuINT0123245	chr11	29054216	29054301	+	0.016254
Pnpt1	MmuINT0123246	chr11	29054366	29054815	+	0.012768
Pnpt1	MmuINT0123247	chr11	29054900	29055714	+	0.0075
Pnpt1	MmuINT0123248	chr11	29055799	29056836	+	0.012643
Pnpt1	MmuINT0123249	chr11	29056944	29057024	+	0.009512
Pnpt1	MmuINT0123250	chr11	29057081	29059324	+	0.010718
Pnpt1	MmuINT0123251	chr11	29059404	29060157	+	0.010951
Pnpt1	MmuINT0123252	chr11	29060206	29061327	+	0.007609

Pnpt1	MmuINT0123253	chr11	29033927	29034599	+	0.010018
Pnpt1	MmuINT0123254	chr11	29034706	29035513	+	0.01476
Pnpt1	MmuINT0123255	chr11	29035564	29037095	+	0.020552
Pnpt1	MmuINT0123256	chr11	29037160	29037252	+	0.014113
Pnpt1	MmuINT0123257	chr11	29037301	29038155	+	0.013868
Pnpt1	MmuINT0123258	chr11	29038270	29038417	+	0.008219
Pnpt1	MmuINT0123259	chr11	29038605	29039223	+	0.016457
Pnrc1	MmuINT0123260	chr4	33333483	33334922	-	0.019096
Pnrc2	MmuINT0123261	chr4	1.35E+08	1.35E+08	-	0.05363
Pnrc2	MmuINT0123262	chr4	1.35E+08	1.35E+08	-	0.009337
Poc1a	MmuINT0123264	chr9	1.06E+08	1.06E+08	+	0.031137
Poc1a	MmuINT0123265	chr9	1.06E+08	1.06E+08	+	0.046322
Poc1a	MmuINT0123266	chr9	1.06E+08	1.06E+08	+	0.042058
Poc1a	MmuINT0123267	chr9	1.06E+08	1.06E+08	+	0.048195
Poc1a	MmuINT0123268	chr9	1.06E+08	1.06E+08	+	0.05804
Poc1a	MmuINT0123269	chr9	1.06E+08	1.06E+08	+	0.054413
Poc1a	MmuINT0123270	chr9	1.06E+08	1.06E+08	+	0.062123
Poc1a	MmuINT0123271	chr9	1.06E+08	1.06E+08	+	0.038301
Poc1a	MmuINT0123272	chr9	1.06E+08	1.06E+08	+	0.034136
Poc1b	MmuINT0123273	chr10	98569858	98570425	+	0.795393
Poc1b	MmuINT0123274	chr10	98627584	98655415	+	0.042469
Poc1b	MmuINT0123275	chr10	98655632	98659259	+	0.05572
Poc1b	MmuINT0123276	chr10	98570511	98587464	+	0.235916
Poc1b	MmuINT0123277	chr10	98587637	98592116	+	0.039885
Poc1b	MmuINT0123278	chr10	98592297	98606868	+	0.045087
Poc1b	MmuINT0123279	chr10	98606977	98607112	+	0.040356
Poc1b	MmuINT0123280	chr10	98607229	98615434	+	0.047861
Poc1b	MmuINT0123281	chr10	98615569	98617702	+	0.056867
Poc1b	MmuINT0123282	chr10	98617772	98618835	+	0.052016
Poc1b	MmuINT0123283	chr10	98618986	98627502	+	0.041743
Poc5	MmuINT0123284	chr13	97158487	97160177	+	0.025046
Poc5	MmuINT0123285	chr13	97172989	97174360	+	0.03597
Poc5	MmuINT0123286	chr13	97174639	97180544	+	0.042831
Poc5	MmuINT0123287	chr13	97180722	97184433	+	0.106335
Poc5	MmuINT0123288	chr13	97160318	97161542	+	0.02822
Poc5	MmuINT0123289	chr13	97161631	97163181	+	0.040042
Poc5	MmuINT0123290	chr13	97163300	97164446	+	0.024667
Poc5	MmuINT0123291	chr13	97164525	97166594	+	0.029021
Poc5	MmuINT0123292	chr13	97166786	97168648	+	0.019519
Poc5	MmuINT0123293	chr13	97168826	97170704	+	0.048989
Poc5	MmuINT0123294	chr13	97170810	97171530	+	0.024316
Poc5	MmuINT0123295	chr13	97171711	97172834	+	0.022521
Podn	MmuINT0123297	chr4	1.08E+08	1.08E+08	-	0.027867
Podn	MmuINT0123298	chr4	1.08E+08	1.08E+08	-	0.038349
Podn	MmuINT0123299	chr4	1.08E+08	1.08E+08	-	0.225808
Podn	MmuINT0123305	chr4	1.08E+08	1.08E+08	-	0.09549
Podn	MmuINT0123306	chr4	1.08E+08	1.08E+08	-	0.03108
Podxl	MmuINT0123317	chr6	31479037	31513578	-	0.005183
Podxl	MmuINT0123318	chr6	31476756	31478457	-	0.006732
Podxl	MmuINT0123319	chr6	31476274	31476546	-	0.005732

Podxl	MmuINT0123320	chr6	31475093	31476201	-	0.023505
Podxl	MmuINT0123321	chr6	31474732	31474938	-	0.006594
Podxl	MmuINT0123322	chr6	31474473	31474669	-	0.033799
Podxl	MmuINT0123323	chr6	31473220	31474304	-	0.025958
Podxl2	MmuINT0123325	chr6	88799983	88815010	-	0.016824
Podxl2	MmuINT0123326	chr6	88798804	88799188	-	0.008893
Podxl2	MmuINT0123327	chr6	88795684	88798728	-	0.018783
Podxl2	MmuINT0123328	chr6	88795122	88795526	-	0.026665
Podxl2	MmuINT0123329	chr6	88793681	88795059	-	0.036244
Podxl2	MmuINT0123330	chr6	88792971	88793500	-	0.032071
Pofut1	MmuINT0123347	chr2	1.53E+08	1.53E+08	+	0.06254
Pofut1	MmuINT0123348	chr2	1.53E+08	1.53E+08	+	0.021634
Pofut1	MmuINT0123349	chr2	1.53E+08	1.53E+08	+	0.06063
Pofut1	MmuINT0123350	chr2	1.53E+08	1.53E+08	+	0.092189
Pofut1	MmuINT0123351	chr2	1.53E+08	1.53E+08	+	0.019667
Pofut1	MmuINT0123352	chr2	1.53E+08	1.53E+08	+	0.017854
Pofut2	MmuINT0123353	chr10	76722199	76723318	+	0.00563
Pofut2	MmuINT0123354	chr10	76723570	76725181	+	0.010856
Pofut2	MmuINT0123355	chr10	76725327	76726009	+	0.010274
Pofut2	MmuINT0123356	chr10	76726121	76727700	+	0.018372
Pofut2	MmuINT0123357	chr10	76727768	76728580	+	0.023149
Pofut2	MmuINT0123358	chr10	76728707	76729657	+	0.029326
Pofut2	MmuINT0123359	chr10	76729839	76729928	+	0.013717
Pofut2	MmuINT0123360	chr10	76730053	76731271	+	0.035395
Pogk	MmuINT0123362	chr1	1.68E+08	1.68E+08	-	0.084416
Pogk	MmuINT0123363	chr1	1.68E+08	1.68E+08	-	0.194292
Pogk	MmuINT0123364	chr1	1.68E+08	1.68E+08	-	0.033698
Pogk	MmuINT0123365	chr1	1.68E+08	1.68E+08	-	0.053779
Pogk	MmuINT0123366	chr1	1.68E+08	1.68E+08	-	0.04204
Poglut1	MmuINT0123367	chr16	38549516	38550164	-	0.239998
Poglut1	MmuINT0123368	chr16	38526866	38527660	-	0.021681
Poglut1	MmuINT0123369	chr16	38548664	38549424	-	0.025554
Poglut1	MmuINT0123370	chr16	38545967	38548519	-	0.026724
Poglut1	MmuINT0123371	chr16	38543042	38545830	-	0.023173
Poglut1	MmuINT0123372	chr16	38538051	38542919	-	0.0313
Poglut1	MmuINT0123373	chr16	38534909	38537990	-	0.026461
Poglut1	MmuINT0123374	chr16	38531927	38534808	-	0.107097
Poglut1	MmuINT0123375	chr16	38529697	38531867	-	0.027473
Poglut1	MmuINT0123376	chr16	38527718	38529528	-	0.026049
Pogz	MmuINT0123377	chr3	94641663	94657871	+	0.071207
Pogz	MmuINT0123378	chr3	94676350	94678515	+	0.03877
Pogz	MmuINT0123379	chr3	94678617	94679021	+	0.040685
Pogz	MmuINT0123380	chr3	94679169	94680557	+	0.048018
Pogz	MmuINT0123381	chr3	94680693	94680835	+	0.066201
Pogz	MmuINT0123382	chr3	94681006	94681157	+	0.097328
Pogz	MmuINT0123383	chr3	94681299	94681852	+	0.04499
Pogz	MmuINT0123384	chr3	94681910	94682077	+	0.025897
Pogz	MmuINT0123385	chr3	94682191	94682443	+	0.072592
Pogz	MmuINT0123386	chr3	94682469	94682582	+	0.062825
Pogz	MmuINT0123389	chr3	94664894	94666343	+	0.024616

Pogz	MmuINT0123392	chr3	94674109	94674909	+	0.027296
Pogz	MmuINT0123393	chr3	94675248	94676194	+	0.025412
Pola1	MmuINT0123415	chrX	90733567	90736081	-	0.036474
Pola1	MmuINT0123421	chrX	90666023	90706707	-	0.056239
Pola1	MmuINT0123422	chrX	90621024	90665905	-	0.053223
Pola1	MmuINT0123423	chrX	90551156	90620929	-	0.052603
Pola2	MmuINT0123432	chr19	5948527	5950445	-	0.150808
Pola2	MmuINT0123433	chr19	5947743	5948401	-	0.081531
Pola2	MmuINT0123434	chr19	5946544	5947703	-	0.219326
Pola2	MmuINT0123435	chr19	5943664	5946469	-	0.130648
Pola2	MmuINT0123436	chr19	5943330	5943554	-	0.031675
Pola2	MmuINT0123437	chr19	5942410	5943222	-	0.064191
Pola2	MmuINT0123438	chr19	5942123	5942349	-	0.023793
Pola2	MmuINT0123439	chr19	5941018	5941995	-	0.046191
Pola2	MmuINT0123442	chr19	5956115	5958817	-	0.115683
Pola2	MmuINT0123443	chr19	5953885	5956007	-	0.123006
Pola2	MmuINT0123444	chr19	5953154	5953690	-	0.093366
Pola2	MmuINT0123445	chr19	5951787	5953064	-	0.095756
Pola2	MmuINT0123446	chr19	5951205	5951630	-	0.030571
Pola2	MmuINT0123447	chr19	5950489	5951141	-	0.182598
Polb	MmuINT0123448	chr8	23763590	23763785	-	0.004539
Polb	MmuINT0123449	chr8	23747627	23750405	-	0.050333
Polb	MmuINT0123450	chr8	23741992	23747539	-	0.043492
Polb	MmuINT0123451	chr8	23740955	23741926	-	0.01867
Polb	MmuINT0123452	chr8	23738842	23740814	-	0.014831
Polb	MmuINT0123453	chr8	23761028	23763531	-	0.006489
Polb	MmuINT0123454	chr8	23758729	23760960	-	0.013652
Polb	MmuINT0123455	chr8	23757944	23758653	-	0.016954
Polb	MmuINT0123456	chr8	23755567	23757884	-	0.021328
Polb	MmuINT0123458	chr8	23751040	23752776	-	0.024755
Polb	MmuINT0123459	chr8	23750904	23750984	-	0.007164
Polb	MmuINT0123460	chr8	23750477	23750830	-	0.005578
Pold1	MmuINT0123461	chr7	51798807	51804124	-	0.044507
Pold1	MmuINT0123462	chr7	51794873	51795894	-	0.067901
Pold1	MmuINT0123463	chr7	51794535	51794731	-	0.092281
Pold1	MmuINT0123464	chr7	51794335	51794423	-	0.032391
Pold1	MmuINT0123465	chr7	51794063	51794142	-	0.035252
Pold1	MmuINT0123466	chr7	51793814	51793973	-	0.049862
Pold1	MmuINT0123467	chr7	51793476	51793696	-	0.042742
Pold1	MmuINT0123468	chr7	51793126	51793361	-	0.035741
Pold1	MmuINT0123469	chr7	51791397	51792977	-	0.047065
Pold1	MmuINT0123470	chr7	51791207	51791300	-	0.0344
Pold1	MmuINT0123471	chr7	51790563	51791068	-	0.082053
Pold1	MmuINT0123474	chr7	51789858	51789933	-	0.052066
Pold1	MmuINT0123475	chr7	51789388	51789754	-	0.117506
Pold1	MmuINT0123476	chr7	51789168	51789254	-	0.131371
Pold1	MmuINT0123477	chr7	51788796	51789053	-	0.055772
Pold1	MmuINT0123478	chr7	51788672	51788742	-	0.044402
Pold1	MmuINT0123479	chr7	51788265	51788573	-	0.050147
Pold1	MmuINT0123481	chr7	51797395	51797473	-	0.034497



Pold1	MmuINT0123482	chr7	51797193	51797268	-	0.03564
Pold1	MmuINT0123483	chr7	51796942	51797023	-	0.04958
Pold1	MmuINT0123484	chr7	51796775	51796859	-	0.038645
Pold1	MmuINT0123486	chr7	51796000	51796213	-	0.046296
Pold2	MmuINT0123487	chr11	5776993	5778194	-	0.02021
Pold2	MmuINT0123488	chr11	5772422	5772672	-	0.027625
Pold2	MmuINT0123489	chr11	5775179	5776715	-	0.014149
Pold2	MmuINT0123490	chr11	5774888	5775056	-	0.008489
Pold2	MmuINT0123491	chr11	5774433	5774763	-	0.011795
Pold2	MmuINT0123492	chr11	5774226	5774317	-	0.005757
Pold2	MmuINT0123493	chr11	5773773	5774026	-	0.008594
Pold2	MmuINT0123494	chr11	5773570	5773691	-	0.010358
Pold2	MmuINT0123495	chr11	5773158	5773411	-	0.023105
Pold2	MmuINT0123496	chr11	5772775	5773029	-	0.009737
Pold3	MmuINT0123497	chr7	1.07E+08	1.07E+08	-	0.171653
Pold3	MmuINT0123498	chr7	1.07E+08	1.07E+08	-	0.035006
Pold3	MmuINT0123501	chr7	1.07E+08	1.07E+08	-	0.043783
Pold3	MmuINT0123502	chr7	1.07E+08	1.07E+08	-	0.056121
Pold3	MmuINT0123504	chr7	1.07E+08	1.07E+08	-	0.027603
Pold3	MmuINT0123505	chr7	1.07E+08	1.07E+08	-	0.066644
Pold3	MmuINT0123506	chr7	1.07E+08	1.07E+08	-	0.121452
Pold3	MmuINT0123507	chr7	1.07E+08	1.07E+08	-	0.046777
Pold4	MmuINT0123508	chr19	4232189	4232462	+	0.060742
Pold4	MmuINT0123509	chr19	4232553	4232747	+	0.041178
Pold4	MmuINT0123510	chr19	4232860	4233213	+	0.085768
Poldip2	MmuINT0123511	chr11	78325975	78327421	+	0.007996
Poldip2	MmuINT0123512	chr11	78334734	78335295	+	0.003252
Poldip2	MmuINT0123513	chr11	78327504	78328589	+	0.002151
Poldip2	MmuINT0123514	chr11	78328688	78330320	+	0.002816
Poldip2	MmuINT0123515	chr11	78330418	78331054	+	0.001778
Poldip2	MmuINT0123516	chr11	78331131	78331326	+	0.001437
Poldip2	MmuINT0123517	chr11	78331435	78331574	+	0.014403
Poldip2	MmuINT0123518	chr11	78331712	78332454	+	0.026777
Poldip2	MmuINT0123519	chr11	78332482	78332681	+	0.005265
Poldip2	MmuINT0123520	chr11	78332808	78334653	+	0.009461
Poldip3	MmuINT0123521	chr15	82968953	82979624	-	0.015546
Poldip3	MmuINT0123522	chr15	82967985	82968561	-	0.062605
Poldip3	MmuINT0123523	chr15	82965820	82967897	-	0.081756
Poldip3	MmuINT0123524	chr15	82963757	82965723	-	0.018154
Poldip3	MmuINT0123525	chr15	82963085	82963576	-	0.026388
Poldip3	MmuINT0123526	chr15	82962041	82963006	-	0.053303
Poldip3	MmuINT0123527	chr15	82959691	82961910	-	0.050366
Poldip3	MmuINT0123528	chr15	82958486	82959623	-	0.016865
Pole3	MmuINT0123595	chr4	62185870	62185964	-	0.027376
Pole3	MmuINT0123596	chr4	62185471	62185783	-	0.03417
Pole3	MmuINT0123597	chr4	62185145	62185351	-	0.017739
Pole4	MmuINT0123598	chr6	82602162	82602617	-	0.007871
Pole4	MmuINT0123599	chr6	82601473	82602076	-	0.035305
Pole4	MmuINT0123600	chr6	82598031	82601430	-	0.016558
Polg	MmuINT0123601	chr7	86610258	86610955	-	0.048947

Polg	MmuINT0123602	chr7	86601715	86603059	-	0.019757
Polg	MmuINT0123603	chr7	86601399	86601593	-	0.020448
Polg	MmuINT0123604	chr7	86601035	86601320	-	0.040513
Polg	MmuINT0123605	chr7	86600482	86600926	-	0.013462
Polg	MmuINT0123606	chr7	86599751	86600320	-	0.103844
Polg	MmuINT0123607	chr7	86599598	86599696	-	0.008872
Polg	MmuINT0123608	chr7	86599061	86599479	-	0.095824
Polg	MmuINT0123609	chr7	86598838	86598924	-	0.009938
Polg	MmuINT0123610	chr7	86597116	86598590	-	0.014449
Polg	MmuINT0123611	chr7	86596915	86596992	-	0.108499
Polg	MmuINT0123612	chr7	86606780	86609489	-	0.01459
Polg	MmuINT0123613	chr7	86596637	86596745	-	0.011729
Polg	MmuINT0123614	chr7	86595532	86596427	-	0.006952
Polg	MmuINT0123615	chr7	86605567	86606583	-	0.008509
Polg	MmuINT0123616	chr7	86605296	86605401	-	0.007128
Polg	MmuINT0123617	chr7	86605024	86605148	-	0.007953
Polg	MmuINT0123618	chr7	86604758	86604943	-	0.005861
Polg	MmuINT0123619	chr7	86604472	86604574	-	0.006671
Polg	MmuINT0123620	chr7	86604187	86604322	-	0.006094
Polg	MmuINT0123621	chr7	86603297	86604059	-	0.007324
Polg2	MmuINT0123623	chr11	1.07E+08	1.07E+08	-	0.037174
Polg2	MmuINT0123624	chr11	1.07E+08	1.07E+08	-	0.025797
Polg2	MmuINT0123625	chr11	1.07E+08	1.07E+08	-	0.063917
Polg2	MmuINT0123626	chr11	1.07E+08	1.07E+08	-	0.059549
Polg2	MmuINT0123627	chr11	1.07E+08	1.07E+08	-	0.054839
Polg2	MmuINT0123628	chr11	1.07E+08	1.07E+08	-	0.092479
Polh	MmuINT0123629	chr17	46336484	46339345	-	0.049246
Polh	MmuINT0123630	chr17	46310046	46312099	-	0.041278
Polh	MmuINT0123631	chr17	46335718	46336340	-	0.033931
Polh	MmuINT0123632	chr17	46331366	46335582	-	0.029923
Polh	MmuINT0123633	chr17	46327726	46331150	-	0.067187
Polh	MmuINT0123634	chr17	46325080	46327555	-	0.048508
Polh	MmuINT0123635	chr17	46321759	46324975	-	0.057043
Polh	MmuINT0123636	chr17	46319758	46321638	-	0.040495
Polh	MmuINT0123637	chr17	46318481	46319633	-	0.048356
Polh	MmuINT0123638	chr17	46312270	46318414	-	0.072881
Poli	MmuINT0123642	chr18	70685183	70686210	-	0.07398
Poli	MmuINT0123643	chr18	70683054	70685029	-	0.093399
Poli	MmuINT0123644	chr18	70682535	70682816	-	0.035518
Poli	MmuINT0123645	chr18	70681596	70682355	-	0.069401
Poli	MmuINT0123646	chr18	70677159	70681503	-	0.080297
Poli	MmuINT0123647	chr18	70676651	70677030	-	0.051318
Poli	MmuINT0123648	chr18	70669399	70676447	-	0.044073
Polk	MmuINT0123653	chr13	97252447	97253445	-	0.199467
Polk	MmuINT0123654	chr13	97252210	97252412	-	0.071128
Polk	MmuINT0123656	chr13	97278320	97286593	-	0.064722
Poll	MmuINT0123663	chr19	45634207	45634975	-	0.049729
Poll	MmuINT0123664	chr19	45633410	45634069	-	0.025652
Poll	MmuINT0123665	chr19	45632906	45633114	-	0.029397
Poll	MmuINT0123666	chr19	45632523	45632745	-	0.021417

Poll	MmuINT0123667	chr19	45630586	45632204	-	0.014969
Poll	MmuINT0123668	chr19	45629710	45630411	-	0.045252
Poll	MmuINT0123669	chr19	45628168	45629580	-	0.025336
Poll	MmuINT0123670	chr19	45627661	45627998	-	0.062432
Polm	MmuINT0123679	chr11	5729729	5729828	-	0.239989
Poln	MmuINT0123693	chr5	34357003	34366954	-	0.053486
Poln	MmuINT0123697	chr5	34350159	34351488	-	0.058996
Polq	MmuINT0123710	chr16	37071900	37073992	+	0.0283
Polq	MmuINT0123714	chr16	37082238	37082801	+	0.037544
Polq	MmuINT0123715	chr16	37082924	37086593	+	0.094831
Polq	MmuINT0123717	chr16	37086779	37089355	+	0.028448
Polq	MmuINT0123718	chr16	37089468	37091116	+	0.038272
Polq	MmuINT0123719	chr16	37091242	37092907	+	0.028496
Polq	MmuINT0123720	chr16	37093062	37094099	+	0.024764
Polq	MmuINT0123721	chr16	37094216	37094586	+	0.030196
Polr1a	MmuINT0123735	chr6	71859234	71862869	+	0.013247
Polr1a	MmuINT0123736	chr6	71879474	71879658	+	0.013329
Polr1a	MmuINT0123737	chr6	71879782	71881587	+	0.010848
Polr1a	MmuINT0123738	chr6	71881819	71886289	+	0.008104
Polr1a	MmuINT0123739	chr6	71886545	71891340	+	0.00948
Polr1a	MmuINT0123740	chr6	71891533	71898343	+	0.007642
Polr1a	MmuINT0123741	chr6	71898494	71899333	+	0.012596
Polr1a	MmuINT0123742	chr6	71899518	71900573	+	0.015719
Polr1a	MmuINT0123743	chr6	71900657	71900756	+	0.010756
Polr1a	MmuINT0123744	chr6	71900916	71902979	+	0.009942
Polr1a	MmuINT0123745	chr6	71903079	71904686	+	0.010389
Polr1a	MmuINT0123746	chr6	71863075	71865014	+	0.010791
Polr1a	MmuINT0123747	chr6	71904840	71911517	+	0.027805
Polr1a	MmuINT0123748	chr6	71911601	71913667	+	0.020573
Polr1a	MmuINT0123749	chr6	71913834	71914659	+	0.011439
Polr1a	MmuINT0123750	chr6	71914882	71915549	+	0.007116
Polr1a	MmuINT0123751	chr6	71915765	71916369	+	0.005468
Polr1a	MmuINT0123752	chr6	71916538	71917305	+	0.00816
Polr1a	MmuINT0123753	chr6	71917442	71917852	+	0.00633
Polr1a	MmuINT0123754	chr6	71918011	71922691	+	0.005751
Polr1a	MmuINT0123755	chr6	71922819	71924094	+	0.007596
Polr1a	MmuINT0123756	chr6	71924206	71924737	+	0.010237
Polr1a	MmuINT0123757	chr6	71865165	71867735	+	0.012271
Polr1a	MmuINT0123758	chr6	71925014	71926012	+	0.013443
Polr1a	MmuINT0123759	chr6	71926214	71927327	+	0.005933
Polr1a	MmuINT0123760	chr6	71927446	71927937	+	0.008322
Polr1a	MmuINT0123761	chr6	71928103	71928408	+	0.006757
Polr1a	MmuINT0123762	chr6	71867844	71870435	+	0.013713
Polr1a	MmuINT0123763	chr6	71870522	71870642	+	0.017207
Polr1a	MmuINT0123764	chr6	71870747	71874583	+	0.013236
Polr1a	MmuINT0123765	chr6	71874692	71876277	+	0.013103
Polr1a	MmuINT0123766	chr6	71876384	71876642	+	0.010473
Polr1a	MmuINT0123767	chr6	71876806	71879302	+	0.007482
Polr1b	MmuINT0123768	chr2	1.29E+08	1.29E+08	+	0.027243
Polr1b	MmuINT0123769	chr2	1.29E+08	1.29E+08	+	0.062649

Polr1b	MmuINT0123770	chr2	1.29E+08	1.29E+08	+	0.071111
Polr1b	MmuINT0123771	chr2	1.29E+08	1.29E+08	+	0.027002
Polr1b	MmuINT0123772	chr2	1.29E+08	1.29E+08	+	0.013148
Polr1b	MmuINT0123773	chr2	1.29E+08	1.29E+08	+	0.028443
Polr1b	MmuINT0123774	chr2	1.29E+08	1.29E+08	+	0.02339
Polr1b	MmuINT0123775	chr2	1.29E+08	1.29E+08	+	0.027769
Polr1b	MmuINT0123776	chr2	1.29E+08	1.29E+08	+	0.021472
Polr1b	MmuINT0123777	chr2	1.29E+08	1.29E+08	+	0.02009
Polr1b	MmuINT0123778	chr2	1.29E+08	1.29E+08	+	0.028431
Polr1b	MmuINT0123779	chr2	1.29E+08	1.29E+08	+	0.031641
Polr1b	MmuINT0123780	chr2	1.29E+08	1.29E+08	+	0.023085
Polr1b	MmuINT0123781	chr2	1.29E+08	1.29E+08	+	0.04416
Polr1c	MmuINT0123782	chr17	46384750	46384843	-	0.014971
Polr1c	MmuINT0123783	chr17	46383164	46384677	-	0.01472
Polr1c	MmuINT0123784	chr17	46382698	46383055	-	0.014287
Polr1c	MmuINT0123786	chr17	46381901	46381979	-	0.021103
Polr1c	MmuINT0123787	chr17	46381625	46381747	-	0.020438
Polr1c	MmuINT0123788	chr17	46381372	46381474	-	0.033026
Polr1c	MmuINT0123789	chr17	46381170	46381254	-	0.019675
Polr1d	MmuINT0123790	chr5	1.48E+08	1.48E+08	+	0.003967
Polr1e	MmuINT0123793	chr4	45031665	45032145	+	0.038168
Polr1e	MmuINT0123794	chr4	45043707	45044238	+	0.026444
Polr1e	MmuINT0123795	chr4	45044371	45044812	+	0.01242
Polr1e	MmuINT0123796	chr4	45032250	45035079	+	0.008913
Polr1e	MmuINT0123797	chr4	45035157	45036064	+	0.009592
Polr1e	MmuINT0123798	chr4	45036151	45038641	+	0.01278
Polr1e	MmuINT0123799	chr4	45038701	45039635	+	0.011624
Polr1e	MmuINT0123800	chr4	45039781	45040235	+	0.006943
Polr1e	MmuINT0123801	chr4	45040344	45040874	+	0.010535
Polr1e	MmuINT0123802	chr4	45040972	45042209	+	0.034832
Polr1e	MmuINT0123803	chr4	45042344	45043624	+	0.039985
Polr2a	MmuINT0123804	chr11	69561616	69571632	-	0.023428
Polr2a	MmuINT0123805	chr11	69557763	69558098	-	0.010745
Polr2a	MmuINT0123806	chr11	69557474	69557552	-	0.013648
Polr2a	MmuINT0123807	chr11	69557188	69557304	-	0.007791
Polr2a	MmuINT0123808	chr11	69556960	69557092	-	0.017614
Polr2a	MmuINT0123809	chr11	69556412	69556755	-	0.035188
Polr2a	MmuINT0123810	chr11	69556060	69556188	-	0.008825
Polr2a	MmuINT0123811	chr11	69555515	69555875	-	0.020608
Polr2a	MmuINT0123812	chr11	69555245	69555342	-	0.023938
Polr2a	MmuINT0123813	chr11	69554707	69555138	-	0.012768
Polr2a	MmuINT0123814	chr11	69553984	69554500	-	0.013333
Polr2a	MmuINT0123815	chr11	69561015	69561482	-	0.019787
Polr2a	MmuINT0123816	chr11	69553628	69553758	-	0.008097
Polr2a	MmuINT0123817	chr11	69553030	69553380	-	0.010064
Polr2a	MmuINT0123818	chr11	69551055	69552928	-	0.012674
Polr2a	MmuINT0123819	chr11	69550867	69550949	-	0.013895
Polr2a	MmuINT0123820	chr11	69550481	69550683	-	0.009039
Polr2a	MmuINT0123821	chr11	69549828	69550276	-	0.027602
Polr2a	MmuINT0123823	chr11	69549069	69549151	-	0.043336

Polr2a	MmuINT0123824	chr11	69560781	69560877	-	0.010908
Polr2a	MmuINT0123825	chr11	69560482	69560606	-	0.01996
Polr2a	MmuINT0123826	chr11	69559931	69560199	-	0.022579
Polr2a	MmuINT0123827	chr11	69559645	69559768	-	0.013934
Polr2a	MmuINT0123828	chr11	69559204	69559423	-	0.017417
Polr2a	MmuINT0123829	chr11	69558547	69559070	-	0.024628
Polr2a	MmuINT0123830	chr11	69558310	69558421	-	0.012484
Polr2b	MmuINT0123831	chr5	77739656	77742175	+	0.006842
Polr2b	MmuINT0123832	chr5	77755747	77760157	+	0.0055
Polr2b	MmuINT0123833	chr5	77760302	77760974	+	0.007684
Polr2b	MmuINT0123834	chr5	77761115	77761211	+	0.005888
Polr2b	MmuINT0123835	chr5	77761324	77763441	+	0.00383
Polr2b	MmuINT0123836	chr5	77763597	77764658	+	0.006896
Polr2b	MmuINT0123837	chr5	77764858	77765451	+	0.007353
Polr2b	MmuINT0123838	chr5	77765621	77768345	+	0.008144
Polr2b	MmuINT0123839	chr5	77768443	77769399	+	0.005933
Polr2b	MmuINT0123840	chr5	77769495	77771554	+	0.012414
Polr2b	MmuINT0123841	chr5	77771806	77771885	+	0.007612
Polr2b	MmuINT0123842	chr5	77742249	77744874	+	0.009591
Polr2b	MmuINT0123843	chr5	77771976	77772194	+	0.009232
Polr2b	MmuINT0123844	chr5	77772303	77773816	+	0.01426
Polr2b	MmuINT0123845	chr5	77773931	77774275	+	0.01778
Polr2b	MmuINT0123846	chr5	77774437	77777247	+	0.059856
Polr2b	MmuINT0123847	chr5	77777444	77778104	+	0.12911
Polr2b	MmuINT0123848	chr5	77745026	77748988	+	0.006395
Polr2b	MmuINT0123849	chr5	77749102	77749235	+	0.005329
Polr2b	MmuINT0123850	chr5	77749456	77749979	+	0.006637
Polr2b	MmuINT0123851	chr5	77750139	77752578	+	0.007111
Polr2b	MmuINT0123852	chr5	77752744	77754763	+	0.006223
Polr2b	MmuINT0123853	chr5	77754961	77755072	+	0.007291
Polr2b	MmuINT0123854	chr5	77755193	77755559	+	0.00608
Polr2d	MmuINT0123863	chr18	31951675	31954941	+	0.017093
Polr2d	MmuINT0123864	chr18	31955038	31955703	+	0.005473
Polr2e	MmuINT0123865	chr10	79501359	79502327	-	0.00115
Polr2e	MmuINT0123866	chr10	79500130	79501183	-	0.004973
Polr2e	MmuINT0123867	chr10	79499719	79499932	-	0.008758
Polr2e	MmuINT0123868	chr10	79499588	79499659	-	0.019414
Polr2e	MmuINT0123869	chr10	79499344	79499508	-	0.005578
Polr2e	MmuINT0123870	chr10	79499047	79499271	-	0.010863
Polr2f	MmuINT0123871	chr15	78971865	78975023	+	0.002485
Polr2f	MmuINT0123872	chr15	78975094	78976482	+	0.001906
Polr2f	MmuINT0123873	chr15	78976614	78981765	+	0.001752
Polr2f	MmuINT0123874	chr15	78981838	78982018	+	0.00602
Polr2g	MmuINT0123875	chr19	8872824	8872948	-	0.013339
Polr2g	MmuINT0123876	chr19	8871886	8872713	-	0.008324
Polr2g	MmuINT0123877	chr19	8869021	8871725	-	0.008936
Polr2g	MmuINT0123878	chr19	8868858	8868969	-	0.00985
Polr2g	MmuINT0123879	chr19	8868698	8868791	-	0.006205
Polr2g	MmuINT0123880	chr19	8868150	8868625	-	0.021969
Polr2g	MmuINT0123881	chr19	8867895	8868115	-	0.018777

Polr2h	MmuINT0123885	chr16	20720676	20721982	+	0.019764
Polr2i	MmuINT0123886	chr7	31017424	31017500	+	0.338725
Polr2i	MmuINT0123887	chr7	31017556	31017768	+	0.004677
Polr2i	MmuINT0123888	chr7	31017843	31017925	+	0.042049
Polr2i	MmuINT0123889	chr7	31018001	31018085	+	0.019596
Polr2i	MmuINT0123890	chr7	31018138	31018303	+	0.011645
Polr2j	MmuINT0123891	chr5	1.37E+08	1.37E+08	+	0.004874
Polr2j	MmuINT0123892	chr5	1.37E+08	1.37E+08	+	0.007625
Polr2j	MmuINT0123893	chr5	1.37E+08	1.37E+08	+	0.007949
Polr3a	MmuINT0123898	chr14	25303745	25306094	-	0.03854
Polr3a	MmuINT0123899	chr14	25293536	25294961	-	0.027587
Polr3a	MmuINT0123900	chr14	25291030	25293394	-	0.050128
Polr3a	MmuINT0123902	chr14	25289895	25290041	-	0.019439
Polr3a	MmuINT0123903	chr14	25288652	25289755	-	0.07126
Polr3a	MmuINT0123904	chr14	25286330	25288486	-	0.026381
Polr3a	MmuINT0123905	chr14	25284595	25286156	-	0.028851
Polr3a	MmuINT0123906	chr14	25283593	25284482	-	0.048885
Polr3a	MmuINT0123907	chr14	25282914	25283473	-	0.028375
Polr3a	MmuINT0123908	chr14	25281093	25282775	-	0.022621
Polr3a	MmuINT0123909	chr14	25303478	25303608	-	0.039198
Polr3a	MmuINT0123910	chr14	25279300	25280921	-	0.148578
Polr3a	MmuINT0123911	chr14	25276528	25279185	-	0.027083
Polr3a	MmuINT0123912	chr14	25276322	25276440	-	0.058743
Polr3a	MmuINT0123914	chr14	25274171	25275085	-	0.022561
Polr3a	MmuINT0123915	chr14	25273885	25274076	-	0.035303
Polr3a	MmuINT0123916	chr14	25272558	25273791	-	0.022382
Polr3a	MmuINT0123917	chr14	25271898	25272392	-	0.033444
Polr3a	MmuINT0123918	chr14	25271547	25271732	-	0.087471
Polr3a	MmuINT0123919	chr14	25270050	25271414	-	0.079604
Polr3a	MmuINT0123920	chr14	25302181	25303339	-	0.08661
Polr3a	MmuINT0123921	chr14	25268445	25269916	-	0.022058
Polr3a	MmuINT0123922	chr14	25301757	25302008	-	0.074964
Polr3a	MmuINT0123923	chr14	25299098	25301601	-	0.027316
Polr3a	MmuINT0123924	chr14	25298744	25298857	-	0.036641
Polr3a	MmuINT0123925	chr14	25298465	25298580	-	0.044456
Polr3a	MmuINT0123926	chr14	25295339	25298327	-	0.023636
Polr3a	MmuINT0123927	chr14	25295104	25295234	-	0.026767
Polr3b	MmuINT0123928	chr10	84085284	84090994	+	0.06034
Polr3b	MmuINT0123929	chr10	84109664	84115418	+	0.02168
Polr3b	MmuINT0123930	chr10	84115539	84118689	+	0.029404
Polr3b	MmuINT0123931	chr10	84118825	84130066	+	0.024429
Polr3b	MmuINT0123932	chr10	84130229	84136072	+	0.01896
Polr3b	MmuINT0123933	chr10	84136274	84137301	+	0.023779
Polr3b	MmuINT0123934	chr10	84137465	84139627	+	0.025764
Polr3b	MmuINT0123935	chr10	84139782	84142490	+	0.03465
Polr3b	MmuINT0123936	chr10	84142566	84143110	+	0.050452
Polr3b	MmuINT0123937	chr10	84143210	84146921	+	0.032025
Polr3b	MmuINT0123938	chr10	84147050	84155541	+	0.018885
Polr3b	MmuINT0123939	chr10	84091028	84091227	+	0.06034
Polr3b	MmuINT0123940	chr10	84155752	84158299	+	0.029742

Polr3b	MmuINT0123941	chr10	84158459	84159693	+	0.038193
Polr3b	MmuINT0123942	chr10	84159812	84162143	+	0.019327
Polr3b	MmuINT0123943	chr10	84162287	84176373	+	0.019635
Polr3b	MmuINT0123944	chr10	84176478	84176989	+	0.024103
Polr3b	MmuINT0123945	chr10	84177157	84181154	+	0.091985
Polr3b	MmuINT0123946	chr10	84181269	84183088	+	0.022919
Polr3b	MmuINT0123947	chr10	84183263	84188395	+	0.033552
Polr3b	MmuINT0123948	chr10	84091285	84091371	+	0.044309
Polr3b	MmuINT0123949	chr10	84091437	84094529	+	0.064612
Polr3b	MmuINT0123950	chr10	84094606	84095199	+	0.046607
Polr3b	MmuINT0123951	chr10	84095301	84097645	+	0.04253
Polr3b	MmuINT0123952	chr10	84097738	84100799	+	0.0238
Polr3b	MmuINT0123953	chr10	84100918	84102486	+	0.020015
Polr3b	MmuINT0123954	chr10	84102596	84109540	+	0.020323
Polr3c	MmuINT0123955	chr3	96529923	96531271	-	0.048629
Polr3c	MmuINT0123956	chr3	96519194	96519556	-	0.021627
Polr3c	MmuINT0123957	chr3	96518284	96519042	-	0.032375
Polr3c	MmuINT0123958	chr3	96518068	96518181	-	0.014989
Polr3c	MmuINT0123959	chr3	96517554	96518017	-	0.008936
Polr3c	MmuINT0123960	chr3	96515984	96517403	-	0.011623
Polr3c	MmuINT0123961	chr3	96527976	96529756	-	0.027644
Polr3c	MmuINT0123962	chr3	96527623	96527719	-	0.079585
Polr3c	MmuINT0123963	chr3	96526549	96527436	-	0.024773
Polr3c	MmuINT0123964	chr3	96523489	96526462	-	0.009363
Polr3c	MmuINT0123965	chr3	96523250	96523383	-	0.02013
Polr3c	MmuINT0123966	chr3	96520671	96523156	-	0.045681
Polr3c	MmuINT0123967	chr3	96520404	96520589	-	0.024788
Polr3c	MmuINT0123968	chr3	96519618	96520351	-	0.023402
Polr3d	MmuINT0123969	chr14	70841263	70842158	-	0.02255
Polr3d	MmuINT0123970	chr14	70840969	70841110	-	0.023684
Polr3d	MmuINT0123971	chr14	70840575	70840843	-	0.012014
Polr3d	MmuINT0123972	chr14	70840087	70840405	-	0.033608
Polr3d	MmuINT0123973	chr14	70839678	70839820	-	0.040586
Polr3d	MmuINT0123974	chr14	70839386	70839524	-	0.076965
Polr3e	MmuINT0123975	chr7	1.28E+08	1.28E+08	+	0.060773
Polr3e	MmuINT0123976	chr7	1.28E+08	1.28E+08	+	0.029515
Polr3e	MmuINT0123977	chr7	1.28E+08	1.28E+08	+	0.035966
Polr3e	MmuINT0123978	chr7	1.28E+08	1.28E+08	+	0.058083
Polr3e	MmuINT0123979	chr7	1.28E+08	1.28E+08	+	0.087722
Polr3e	MmuINT0123980	chr7	1.28E+08	1.28E+08	+	0.046894
Polr3e	MmuINT0123981	chr7	1.28E+08	1.28E+08	+	0.056966
Polr3e	MmuINT0123982	chr7	1.28E+08	1.28E+08	+	0.057448
Polr3e	MmuINT0123983	chr7	1.28E+08	1.28E+08	+	0.05318
Polr3e	MmuINT0123984	chr7	1.28E+08	1.28E+08	+	0.095702
Polr3e	MmuINT0123985	chr7	1.28E+08	1.28E+08	+	0.015522
Polr3e	MmuINT0123986	chr7	1.28E+08	1.28E+08	+	0.045693
Polr3e	MmuINT0123988	chr7	1.28E+08	1.28E+08	+	0.027018
Polr3e	MmuINT0123989	chr7	1.28E+08	1.28E+08	+	0.027885
Polr3e	MmuINT0123990	chr7	1.28E+08	1.28E+08	+	0.030299
Polr3e	MmuINT0123991	chr7	1.28E+08	1.28E+08	+	0.035016

Polr3e	MmuINT0123992	chr7	1.28E+08	1.28E+08	+	0.039176
Polr3e	MmuINT0123993	chr7	1.28E+08	1.28E+08	+	0.073877
Polr3f	MmuINT0123996	chr2	1.44E+08	1.44E+08	+	0.024482
Polr3f	MmuINT0123997	chr2	1.44E+08	1.44E+08	+	0.080993
Polr3f	MmuINT0123998	chr2	1.44E+08	1.44E+08	+	0.08637
Polr3f	MmuINT0123999	chr2	1.44E+08	1.44E+08	+	0.046017
Polr3f	MmuINT0124000	chr2	1.44E+08	1.44E+08	+	0.115278
Polr3f	MmuINT0124001	chr2	1.44E+08	1.44E+08	+	0.046591
Polr3f	MmuINT0124002	chr2	1.44E+08	1.44E+08	+	0.032875
Polr3f	MmuINT0124003	chr2	1.44E+08	1.44E+08	+	0.030907
Polr3g	MmuINT0124004	chr13	81838893	81849856	-	0.053845
Polr3g	MmuINT0124005	chr13	81833777	81838742	-	0.035897
Polr3g	MmuINT0124006	chr13	81828256	81833646	-	0.048367
Polr3g	MmuINT0124007	chr13	81826176	81828195	-	0.053673
Polr3g	MmuINT0124008	chr13	81821194	81826124	-	0.045714
Polr3g	MmuINT0124009	chr13	81817259	81821110	-	0.070763
Polr3gl	MmuINT0124011	chr3	96386179	96398006	-	0.056935
Polr3gl	MmuINT0124012	chr3	96385697	96386010	-	0.092133
Polr3gl	MmuINT0124013	chr3	96384827	96385566	-	0.024462
Polr3gl	MmuINT0124014	chr3	96384430	96384757	-	0.045364
Polr3gl	MmuINT0124015	chr3	96384013	96384372	-	0.184105
Polr3gl	MmuINT0124016	chr3	96383835	96383938	-	0.140649
Polr3h	MmuINT0124018	chr15	81752936	81756215	-	0.056575
Polr3h	MmuINT0124019	chr15	81749192	81752838	-	0.030766
Polr3h	MmuINT0124020	chr15	81748762	81749104	-	0.051823
Polr3h	MmuINT0124021	chr15	81747832	81748697	-	0.036598
Polr3h	MmuINT0124022	chr15	81747096	81747629	-	0.018482
Polr3k	MmuINT0124023	chr2	1.82E+08	1.82E+08	+	0.025868
Polr3k	MmuINT0124024	chr2	1.82E+08	1.82E+08	+	0.009129
Polrmt	MmuINT0124025	chr10	79208518	79209209	-	0.012476
Polrmt	MmuINT0124026	chr10	79201550	79201887	-	0.01625
Polrmt	MmuINT0124027	chr10	79201196	79201426	-	0.076837
Polrmt	MmuINT0124028	chr10	79200956	79201072	-	0.01035
Polrmt	MmuINT0124029	chr10	79200632	79200775	-	0.011969
Polrmt	MmuINT0124030	chr10	79200459	79200544	-	0.014417
Polrmt	MmuINT0124031	chr10	79200255	79200344	-	0.058883
Polrmt	MmuINT0124032	chr10	79200108	79200201	-	0.081858
Polrmt	MmuINT0124033	chr10	79199552	79200008	-	0.014464
Polrmt	MmuINT0124034	chr10	79199360	79199478	-	0.00801
Polrmt	MmuINT0124035	chr10	79199189	79199267	-	0.016407
Polrmt	MmuINT0124036	chr10	79206474	79208418	-	0.039558
Polrmt	MmuINT0124037	chr10	79199029	79199111	-	0.032702
Polrmt	MmuINT0124038	chr10	79204864	79205922	-	0.03535
Polrmt	MmuINT0124039	chr10	79204640	79204732	-	0.014956
Polrmt	MmuINT0124040	chr10	79204022	79204452	-	0.014788
Polrmt	MmuINT0124041	chr10	79203743	79203871	-	0.009349
Polrmt	MmuINT0124042	chr10	79203495	79203577	-	0.026069
Polrmt	MmuINT0124043	chr10	79203111	79203323	-	0.038269
Polrmt	MmuINT0124044	chr10	79202677	79202888	-	0.015204
Pom121	MmuINT0124045	chr5	1.36E+08	1.36E+08	-	0.021068



Pom121	MmuINT0124046	chr5	1.36E+08	1.36E+08	-	0.018045
Pom121	MmuINT0124047	chr5	1.36E+08	1.36E+08	-	0.037722
Pom121	MmuINT0124048	chr5	1.36E+08	1.36E+08	-	0.018071
Pom121	MmuINT0124049	chr5	1.36E+08	1.36E+08	-	0.016503
Pom121	MmuINT0124050	chr5	1.36E+08	1.36E+08	-	0.017984
Pom121	MmuINT0124051	chr5	1.36E+08	1.36E+08	-	0.019614
Pom121	MmuINT0124052	chr5	1.36E+08	1.36E+08	-	0.017074
Pom121	MmuINT0124053	chr5	1.36E+08	1.36E+08	-	0.20702
Pom121	MmuINT0124054	chr5	1.36E+08	1.36E+08	-	0.024218
Pom121	MmuINT0124055	chr5	1.36E+08	1.36E+08	-	0.017211
Pom121	MmuINT0124056	chr5	1.36E+08	1.36E+08	-	0.043066
Pomgnt1	MmuINT0124062	chr4	1.16E+08	1.16E+08	+	0.021387
Pomgnt1	MmuINT0124063	chr4	1.16E+08	1.16E+08	+	0.006064
Pomgnt1	MmuINT0124064	chr4	1.16E+08	1.16E+08	+	0.023832
Pomgnt1	MmuINT0124065	chr4	1.16E+08	1.16E+08	+	0.019938
Pomgnt1	MmuINT0124066	chr4	1.16E+08	1.16E+08	+	0.006149
Pomgnt1	MmuINT0124067	chr4	1.16E+08	1.16E+08	+	0.004517
Pomgnt1	MmuINT0124068	chr4	1.16E+08	1.16E+08	+	0.003206
Pomgnt1	MmuINT0124069	chr4	1.16E+08	1.16E+08	+	0.039604
Pomgnt1	MmuINT0124070	chr4	1.16E+08	1.16E+08	+	0.013485
Pomgnt1	MmuINT0124071	chr4	1.16E+08	1.16E+08	+	0.014428
Pomgnt1	MmuINT0124072	chr4	1.16E+08	1.16E+08	+	0.007772
Pomgnt1	MmuINT0124073	chr4	1.16E+08	1.16E+08	+	0.002683
Pomgnt1	MmuINT0124074	chr4	1.16E+08	1.16E+08	+	0.007757
Pomgnt1	MmuINT0124075	chr4	1.16E+08	1.16E+08	+	0.005979
Pomgnt1	MmuINT0124076	chr4	1.16E+08	1.16E+08	+	0.004899
Pomgnt1	MmuINT0124077	chr4	1.16E+08	1.16E+08	+	0.010299
Pomgnt1	MmuINT0124078	chr4	1.16E+08	1.16E+08	+	0.008736
Pomgnt1	MmuINT0124080	chr4	1.16E+08	1.16E+08	+	0.008733
Pomgnt1	MmuINT0124081	chr4	1.16E+08	1.16E+08	+	0.007592
Pomp	MmuINT0124082	chr5	1.49E+08	1.49E+08	+	0.001346
Pomp	MmuINT0124083	chr5	1.49E+08	1.49E+08	+	0.000612
Pomp	MmuINT0124084	chr5	1.49E+08	1.49E+08	+	0.001755
Pomp	MmuINT0124085	chr5	1.49E+08	1.49E+08	+	0.002564
Pomp	MmuINT0124086	chr5	1.49E+08	1.49E+08	+	0.000539
Pomt1	MmuINT0124087	chr2	32092262	32092879	+	0.060997
Pomt1	MmuINT0124088	chr2	32101198	32101534	+	0.038881
Pomt1	MmuINT0124089	chr2	32101631	32103056	+	0.042422
Pomt1	MmuINT0124090	chr2	32103150	32104134	+	0.036252
Pomt1	MmuINT0124091	chr2	32104232	32105989	+	0.015715
Pomt1	MmuINT0124092	chr2	32106083	32106308	+	0.020605
Pomt1	MmuINT0124093	chr2	32106430	32106781	+	0.045737
Pomt1	MmuINT0124094	chr2	32106880	32107429	+	0.079289
Pomt1	MmuINT0124095	chr2	32107544	32108395	+	0.034056
Pomt1	MmuINT0124096	chr2	32108523	32109235	+	0.052395
Pomt1	MmuINT0124097	chr2	32109414	32109792	+	0.015556
Pomt1	MmuINT0124098	chr2	32093032	32095946	+	0.03218
Pomt1	MmuINT0124099	chr2	32096054	32096184	+	0.032352
Pomt1	MmuINT0124101	chr2	32097320	32098412	+	0.031655
Pomt1	MmuINT0124102	chr2	32098525	32098984	+	0.021284

Pomt1	MmuINT0124103	chr2	32099051	32099138	+	0.02513
Pomt1	MmuINT0124104	chr2	32099233	32099753	+	0.037325
Pomt1	MmuINT0124105	chr2	32099910	32101066	+	0.131067
Pomt2	MmuINT0124106	chr12	88480679	88488120	-	0.031257
Pomt2	MmuINT0124107	chr12	88463862	88465761	-	0.040552
Pomt2	MmuINT0124108	chr12	88460601	88463791	-	0.033572
Pomt2	MmuINT0124109	chr12	88459041	88460521	-	0.076292
Pomt2	MmuINT0124110	chr12	88458427	88458888	-	0.065341
Pomt2	MmuINT0124111	chr12	88457558	88458334	-	0.078916
Pomt2	MmuINT0124112	chr12	88452901	88457480	-	0.061255
Pomt2	MmuINT0124113	chr12	88452534	88452828	-	0.077521
Pomt2	MmuINT0124114	chr12	88452393	88452473	-	0.105305
Pomt2	MmuINT0124115	chr12	88451393	88452286	-	0.033391
Pomt2	MmuINT0124116	chr12	88451069	88451251	-	0.032007
Pomt2	MmuINT0124117	chr12	88479058	88480593	-	0.037609
Pomt2	MmuINT0124118	chr12	88450244	88450953	-	0.035042
Pomt2	MmuINT0124119	chr12	88476554	88478952	-	0.02693
Pomt2	MmuINT0124120	chr12	88474419	88476444	-	0.026921
Pomt2	MmuINT0124121	chr12	88472782	88474309	-	0.052317
Pomt2	MmuINT0124122	chr12	88471346	88472621	-	0.042152
Pomt2	MmuINT0124123	chr12	88469986	88471238	-	0.036823
Pomt2	MmuINT0124124	chr12	88468362	88469902	-	0.059188
Pomt2	MmuINT0124125	chr12	88465829	88468251	-	0.031918
Pon2	MmuINT0124134	chr6	5239084	5248211	-	0.006421
Pon2	MmuINT0124135	chr6	5227928	5239012	-	0.011023
Pon2	MmuINT0124136	chr6	5223167	5227871	-	0.00538
Pon2	MmuINT0124137	chr6	5222452	5223000	-	0.004299
Pon2	MmuINT0124138	chr6	5219179	5222324	-	0.006156
Pon2	MmuINT0124139	chr6	5217047	5218977	-	0.020052
Pon2	MmuINT0124140	chr6	5216241	5216964	-	0.008776
Pon2	MmuINT0124141	chr6	5215480	5216111	-	0.010406
Pon3	MmuINT0124142	chr6	5204587	5206152	-	0.029068
Pon3	MmuINT0124143	chr6	5196334	5204515	-	0.01887
Pon3	MmuINT0124144	chr6	5190979	5196277	-	0.027765
Pon3	MmuINT0124145	chr6	5186999	5190812	-	0.008284
Pon3	MmuINT0124146	chr6	5182525	5186871	-	0.148915
Pon3	MmuINT0124147	chr6	5180831	5182323	-	0.022912
Pon3	MmuINT0124148	chr6	5180530	5180748	-	0.011213
Pon3	MmuINT0124149	chr6	5171723	5180400	-	0.009448
Pop1	MmuINT0124152	chr15	34441781	34442486	+	0.062502
Pop1	MmuINT0124156	chr15	34447774	34455917	+	0.137964
Pop1	MmuINT0124164	chr15	34438547	34439517	+	0.056784
Pop4	MmuINT0124167	chr7	39053974	39056165	-	0.017193
Pop4	MmuINT0124168	chr7	39052615	39053920	-	0.040923
Pop4	MmuINT0124169	chr7	39051224	39052387	-	0.016233
Pop4	MmuINT0124170	chr7	39050981	39051145	-	0.061174
Pop4	MmuINT0124171	chr7	39049449	39050918	-	0.037615
Pop4	MmuINT0124172	chr7	39048329	39049346	-	0.034772
Pop5	MmuINT0124174	chr5	1.16E+08	1.16E+08	+	0.121938
Pop5	MmuINT0124175	chr5	1.16E+08	1.16E+08	+	0.020053

Pop5	MmuINT0124176	chr5	1.16E+08	1.16E+08	+	0.015396
Pop5	MmuINT0124177	chr5	1.16E+08	1.16E+08	+	0.044638
Pop7	MmuINT0124178	chr5	1.38E+08	1.38E+08	-	0.167865
Popdc2	MmuINT0124179	chr16	38374464	38377740	+	0.01983
Popdc3	MmuINT0124180	chr10	45009382	45034366	+	0.012681
Popdc3	MmuINT0124181	chr10	45035086	45036236	+	0.033207
Popdc3	MmuINT0124182	chr10	45036346	45037504	+	0.008629
Por	MmuINT0124183	chr5	1.36E+08	1.36E+08	+	0.006684
Por	MmuINT0124184	chr5	1.36E+08	1.36E+08	+	0.030782
Por	MmuINT0124185	chr5	1.36E+08	1.36E+08	+	0.009601
Por	MmuINT0124186	chr5	1.36E+08	1.36E+08	+	0.008819
Por	MmuINT0124187	chr5	1.36E+08	1.36E+08	+	0.016938
Por	MmuINT0124188	chr5	1.36E+08	1.36E+08	+	0.019064
Por	MmuINT0124189	chr5	1.36E+08	1.36E+08	+	0.026162
Por	MmuINT0124190	chr5	1.36E+08	1.36E+08	+	0.006679
Por	MmuINT0124191	chr5	1.36E+08	1.36E+08	+	0.009848
Por	MmuINT0124192	chr5	1.36E+08	1.36E+08	+	0.007038
Por	MmuINT0124193	chr5	1.36E+08	1.36E+08	+	0.004278
Por	MmuINT0124194	chr5	1.36E+08	1.36E+08	+	0.00465
Por	MmuINT0124195	chr5	1.36E+08	1.36E+08	+	0.019374
Por	MmuINT0124196	chr5	1.36E+08	1.36E+08	+	0.023094
Por	MmuINT0124197	chr5	1.36E+08	1.36E+08	+	0.015993
Porcn	MmuINT0124203	chrX	7775212	7776192	-	0.129728
Porcn	MmuINT0124204	chrX	7771404	7775100	-	0.231745
Porcn	MmuINT0124209	chrX	7780170	7780284	-	0.083762
Porcn	MmuINT0124211	chrX	7778696	7778783	-	0.073911
Postn	MmuINT0124215	chr3	54165190	54166548	+	0.02134
Postn	MmuINT0124216	chr3	54177776	54178939	+	0.018084
Postn	MmuINT0124217	chr3	54179077	54179958	+	0.02164
Postn	MmuINT0124218	chr3	54180090	54180611	+	0.017676
Postn	MmuINT0124219	chr3	54180743	54180832	+	0.027552
Postn	MmuINT0124220	chr3	54180936	54181086	+	0.026997
Postn	MmuINT0124221	chr3	54181155	54181482	+	0.032308
Postn	MmuINT0124222	chr3	54181529	54187309	+	0.089515
Postn	MmuINT0124223	chr3	54187400	54188405	+	0.031729
Postn	MmuINT0124224	chr3	54188496	54189129	+	0.029485
Postn	MmuINT0124226	chr3	54166648	54169825	+	0.038048
Postn	MmuINT0124228	chr3	54193303	54194183	+	0.029675
Postn	MmuINT0124229	chr3	54169891	54171422	+	0.02741
Postn	MmuINT0124230	chr3	54171581	54173070	+	0.023876
Postn	MmuINT0124231	chr3	54173236	54174119	+	0.0272
Postn	MmuINT0124232	chr3	54174267	54174752	+	0.023162
Postn	MmuINT0124233	chr3	54174895	54175925	+	0.022914
Postn	MmuINT0124234	chr3	54176139	54176691	+	0.027765
Postn	MmuINT0124235	chr3	54176827	54177626	+	0.017553
Pot1a	MmuINT0124236	chr6	25755942	25759174	-	0.046381
Pot1a	MmuINT0124237	chr6	25707288	25708817	-	0.039515
Pot1a	MmuINT0124238	chr6	25706320	25707224	-	0.065461
Pot1a	MmuINT0124239	chr6	25703355	25706162	-	0.028597
Pot1a	MmuINT0124241	chr6	25700139	25702359	-	0.042717

Pot1a	MmuINT0124242	chr6	25698383	25700049	-	0.111108
Pot1a	MmuINT0124243	chr6	25695997	25698290	-	0.086676
Pot1a	MmuINT0124244	chr6	25694694	25695890	-	0.018117
Pot1a	MmuINT0124247	chr6	25744675	25748008	-	0.032725
Pot1a	MmuINT0124248	chr6	25728970	25744559	-	0.022556
Pot1a	MmuINT0124249	chr6	25725816	25728838	-	0.020723
Pot1a	MmuINT0124250	chr6	25721675	25725524	-	0.025633
Pot1a	MmuINT0124251	chr6	25714425	25721518	-	0.03698
Pot1a	MmuINT0124252	chr6	25708904	25714251	-	0.02133
Pot1b	MmuINT0124254	chr17	55809195	55812128	-	0.138482
Pot1b	MmuINT0124260	chr17	55792817	55794064	-	0.403247
Pot1b	MmuINT0124263	chr17	55837886	55839289	-	0.072395
Pot1b	MmuINT0124266	chr17	55827257	55832019	-	0.049448
Pou2f1	MmuINT0124294	chr1	1.68E+08	1.68E+08	-	0.089363
Pou2f1	MmuINT0124305	chr1	1.68E+08	1.68E+08	-	0.056247
Pou2f1	MmuINT0124306	chr1	1.68E+08	1.68E+08	-	0.052693
Pou6f1	MmuINT0124345	chr15	1E+08	1E+08	-	0.069427
Pou6f1	MmuINT0124346	chr15	1E+08	1E+08	-	0.032204
Ppa1	MmuINT0124354	chr10	61111540	61114307	+	0.005245
Ppa1	MmuINT0124355	chr10	61135182	61136566	+	0.004081
Ppa1	MmuINT0124356	chr10	61114367	61122196	+	0.001943
Ppa1	MmuINT0124357	chr10	61122251	61123659	+	0.003981
Ppa1	MmuINT0124358	chr10	61123780	61126437	+	0.003756
Ppa1	MmuINT0124359	chr10	61126525	61128087	+	0.002683
Ppa1	MmuINT0124360	chr10	61128215	61129658	+	0.002509
Ppa1	MmuINT0124361	chr10	61129787	61130332	+	0.002458
Ppa1	MmuINT0124362	chr10	61130419	61133165	+	0.005344
Ppa1	MmuINT0124363	chr10	61133236	61135138	+	0.005253
Ppa2	MmuINT0124364	chr3	1.33E+08	1.33E+08	+	0.00593
Ppa2	MmuINT0124365	chr3	1.33E+08	1.33E+08	+	0.003855
Ppa2	MmuINT0124366	chr3	1.33E+08	1.33E+08	+	0.005259
Ppa2	MmuINT0124367	chr3	1.33E+08	1.33E+08	+	0.001971
Ppa2	MmuINT0124368	chr3	1.33E+08	1.33E+08	+	0.005598
Ppa2	MmuINT0124369	chr3	1.33E+08	1.33E+08	+	0.002675
Ppa2	MmuINT0124370	chr3	1.33E+08	1.33E+08	+	0.001411
Ppa2	MmuINT0124371	chr3	1.33E+08	1.33E+08	+	0.005638
Ppa2	MmuINT0124372	chr3	1.33E+08	1.33E+08	+	0.001107
Ppa2	MmuINT0124373	chr3	1.33E+08	1.33E+08	+	0.000797
Ppa2	MmuINT0124374	chr3	1.33E+08	1.33E+08	+	0.002118
Ppan	MmuINT0124375	chr9	20692762	20692850	+	0.129241
Ppan	MmuINT0124376	chr9	20696192	20696275	+	0.029687
Ppan	MmuINT0124377	chr9	20693022	20693781	+	0.120788
Ppan	MmuINT0124378	chr9	20693884	20694077	+	0.232952
Ppan	MmuINT0124379	chr9	20694129	20694214	+	0.074765
Ppan	MmuINT0124380	chr9	20694386	20695082	+	0.226246
Ppan	MmuINT0124381	chr9	20695160	20695348	+	0.125098
Ppan	MmuINT0124382	chr9	20695457	20695526	+	0.107873
Ppan	MmuINT0124383	chr9	20695651	20695730	+	0.274246
Ppan	MmuINT0124384	chr9	20695810	20695894	+	0.097915
Ppap2a	MmuINT0124385	chr13	1.14E+08	1.14E+08	+	0.008035

Ppap2a	MmuINT0124386	chr13	1.14E+08	1.14E+08	+	0.009296
Ppap2a	MmuINT0124387	chr13	1.14E+08	1.14E+08	+	0.007876
Ppap2a	MmuINT0124388	chr13	1.14E+08	1.14E+08	+	0.029991
Ppap2b	MmuINT0124391	chr4	1.05E+08	1.05E+08	+	0.00396
Ppap2b	MmuINT0124392	chr4	1.05E+08	1.05E+08	+	0.003548
Ppap2b	MmuINT0124393	chr4	1.05E+08	1.05E+08	+	0.004632
Ppap2b	MmuINT0124394	chr4	1.05E+08	1.05E+08	+	0.005235
Ppap2b	MmuINT0124395	chr4	1.05E+08	1.05E+08	+	0.01423
Ppap2c	MmuINT0124397	chr10	78993518	78993621	-	0.058511
Ppap2c	MmuINT0124400	chr10	78989994	78990194	-	0.059807
Ppapdc1b	MmuINT0124407	chr8	26830624	26830738	+	0.075947
Ppapdc1b	MmuINT0124408	chr8	26830848	26831026	+	0.192696
Ppapdc1b	MmuINT0124409	chr8	26831118	26831645	+	0.033058
Ppapdc1b	MmuINT0124410	chr8	26831710	26832133	+	0.021819
Ppapdc1b	MmuINT0124411	chr8	26832259	26832901	+	0.484873
Ppapdc1b	MmuINT0124412	chr8	26833073	26834551	+	0.38745
Ppapdc3	MmuINT0124413	chr2	31951783	31965128	+	0.0287
Ppara	MmuINT0124415	chr15	85566527	85567223	+	0.044799
Ppara	MmuINT0124416	chr15	85567309	85607950	+	0.062121
Ppara	MmuINT0124417	chr15	85608198	85617537	+	0.012831
Ppara	MmuINT0124418	chr15	85617699	85619408	+	0.005593
Ppara	MmuINT0124419	chr15	85619548	85621269	+	0.006883
Ppara	MmuINT0124420	chr15	85621473	85628245	+	0.006311
Ppara	MmuINT0124421	chr15	85628694	85631440	+	0.048842
Ppard	MmuINT0124422	chr17	28369810	28373956	+	0.01361
Ppard	MmuINT0124423	chr17	28374041	28423205	+	0.008627
Ppard	MmuINT0124424	chr17	28423413	28432285	+	0.039009
Ppard	MmuINT0124425	chr17	28432441	28434030	+	0.036786
Ppard	MmuINT0124426	chr17	28434170	28435221	+	0.036398
Ppard	MmuINT0124427	chr17	28435425	28435528	+	0.047094
Ppard	MmuINT0124428	chr17	28435980	28436546	+	0.032894
Pparg	MmuINT0124429	chr6	1.15E+08	1.15E+08	+	0.054954
Pparg	MmuINT0124432	chr6	1.15E+08	1.15E+08	+	0.014295
Pparg	MmuINT0124433	chr6	1.15E+08	1.15E+08	+	0.020274
Pparg	MmuINT0124434	chr6	1.15E+08	1.15E+08	+	0.021935
Pparg	MmuINT0124435	chr6	1.15E+08	1.15E+08	+	0.021342
Pparg	MmuINT0124436	chr6	1.15E+08	1.15E+08	+	0.017668
Ppargc1a	MmuINT0124437	chr5	51939931	51944973	-	0.009091
Ppargc1a	MmuINT0124438	chr5	51854567	51863836	-	0.003928
Ppargc1a	MmuINT0124439	chr5	51854097	51854444	-	0.0049
Ppargc1a	MmuINT0124440	chr5	51849523	51853944	-	0.004493
Ppargc1a	MmuINT0124441	chr5	51889468	51939750	-	0.002286
Ppargc1a	MmuINT0124442	chr5	51887035	51889272	-	0.005593
Ppargc1a	MmuINT0124443	chr5	51886045	51886908	-	0.003028
Ppargc1a	MmuINT0124444	chr5	51881485	51885839	-	0.010222
Ppargc1a	MmuINT0124446	chr5	51864223	51864734	-	0.005565
Ppargc1a	MmuINT0124447	chr5	51863958	51864117	-	0.005112
Ppargc1b	MmuINT0124449	chr18	61459395	61462272	-	0.03422
Ppargc1b	MmuINT0124450	chr18	61458438	61459239	-	0.012822
Ppargc1b	MmuINT0124451	chr18	61475604	61482788	-	0.013776

Ppargc1b	MmuINT0124452	chr18	61471925	61475390	-	0.048844
Ppargc1b	MmuINT0124457	chr18	61464438	61466860	-	0.043848
Ppargc1b	MmuINT0124458	chr18	61462395	61464361	-	0.029508
Ppat	MmuINT0124459	chr5	77355883	77379981	-	0.010434
Ppat	MmuINT0124460	chr5	77344431	77344969	-	0.009274
Ppat	MmuINT0124461	chr5	77354906	77355815	-	0.010141
Ppat	MmuINT0124462	chr5	77351593	77354698	-	0.035514
Ppat	MmuINT0124463	chr5	77351382	77351479	-	0.019126
Ppat	MmuINT0124464	chr5	77350568	77351235	-	0.03875
Ppat	MmuINT0124465	chr5	77348933	77350494	-	0.038817
Ppat	MmuINT0124466	chr5	77348524	77348780	-	0.012221
Ppat	MmuINT0124467	chr5	77347281	77348395	-	0.016338
Ppat	MmuINT0124468	chr5	77345091	77347058	-	0.008911
Ppcdc	MmuINT0124472	chr9	57282893	57285223	-	0.017615
Ppcdc	MmuINT0124473	chr9	57269029	57282709	-	0.029126
Ppcdc	MmuINT0124474	chr9	57268099	57268932	-	0.037868
Ppcdc	MmuINT0124475	chr9	57263062	57267969	-	0.166885
Ppcdc	MmuINT0124476	chr9	57262534	57262892	-	0.026331
Ppcs	MmuINT0124477	chr4	1.19E+08	1.19E+08	-	0.00442
Ppdpf	MmuINT0124479	chr2	1.81E+08	1.81E+08	+	0.322098
Ppdpf	MmuINT0124482	chr2	1.81E+08	1.81E+08	+	0.001058
Ppfia1	MmuINT0124513	chr7	1.52E+08	1.52E+08	-	0.029317
Ppfia1	MmuINT0124514	chr7	1.52E+08	1.52E+08	-	0.013924
Ppfia1	MmuINT0124515	chr7	1.52E+08	1.52E+08	-	0.014521
Ppfia1	MmuINT0124516	chr7	1.52E+08	1.52E+08	-	0.019635
Ppfia1	MmuINT0124517	chr7	1.52E+08	1.52E+08	-	0.016667
Ppfia1	MmuINT0124518	chr7	1.52E+08	1.52E+08	-	0.082541
Ppfia1	MmuINT0124519	chr7	1.52E+08	1.52E+08	-	0.00606
Ppfia1	MmuINT0124520	chr7	1.52E+08	1.52E+08	-	0.77598
Ppfia1	MmuINT0124521	chr7	1.52E+08	1.52E+08	-	0.694356
Ppfia1	MmuINT0124522	chr7	1.52E+08	1.52E+08	-	0.01456
Ppfia1	MmuINT0124523	chr7	1.52E+08	1.52E+08	-	0.008147
Ppfia1	MmuINT0124524	chr7	1.52E+08	1.52E+08	-	0.008546
Ppfia1	MmuINT0124525	chr7	1.52E+08	1.52E+08	-	0.027267
Ppfia1	MmuINT0124526	chr7	1.52E+08	1.52E+08	-	0.009582
Ppfia1	MmuINT0124527	chr7	1.52E+08	1.52E+08	-	0.35994
Ppfia1	MmuINT0124530	chr7	1.52E+08	1.52E+08	-	0.007537
Ppfia1	MmuINT0124531	chr7	1.52E+08	1.52E+08	-	0.012295
Ppfia1	MmuINT0124532	chr7	1.52E+08	1.52E+08	-	0.021227
Ppfia1	MmuINT0124533	chr7	1.52E+08	1.52E+08	-	0.047042
Ppfia1	MmuINT0124534	chr7	1.52E+08	1.52E+08	-	0.202941
Ppfia1	MmuINT0124535	chr7	1.52E+08	1.52E+08	-	0.070243
Ppfia1	MmuINT0124537	chr7	1.52E+08	1.52E+08	-	0.008591
Ppfia1	MmuINT0124538	chr7	1.52E+08	1.52E+08	-	0.013405
Ppfia1	MmuINT0124539	chr7	1.52E+08	1.52E+08	-	0.071196
Ppfia1	MmuINT0124540	chr7	1.52E+08	1.52E+08	-	0.00908
Ppfia1	MmuINT0124541	chr7	1.52E+08	1.52E+08	-	0.008728
Ppfia1	MmuINT0124542	chr7	1.52E+08	1.52E+08	-	0.078845
Ppfia4	MmuINT0124621	chr1	1.36E+08	1.36E+08	-	0.110401
Ppfia4	MmuINT0124622	chr1	1.36E+08	1.36E+08	-	0.086758

Ppfibp1	MmuINT0124635	chr6	1.47E+08	1.47E+08	+	0.013791
Ppfibp1	MmuINT0124636	chr6	1.47E+08	1.47E+08	+	0.029672
Ppfibp1	MmuINT0124637	chr6	1.47E+08	1.47E+08	+	0.010377
Ppfibp1	MmuINT0124638	chr6	1.47E+08	1.47E+08	+	0.009446
Ppfibp1	MmuINT0124639	chr6	1.47E+08	1.47E+08	+	0.0116
Ppfibp1	MmuINT0124640	chr6	1.47E+08	1.47E+08	+	0.052234
Ppfibp1	MmuINT0124641	chr6	1.47E+08	1.47E+08	+	0.027881
Ppfibp1	MmuINT0124642	chr6	1.47E+08	1.47E+08	+	0.028559
Ppfibp1	MmuINT0124643	chr6	1.47E+08	1.47E+08	+	0.004823
Ppfibp1	MmuINT0124644	chr6	1.47E+08	1.47E+08	+	0.004823
Ppfibp1	MmuINT0124645	chr6	1.47E+08	1.47E+08	+	0.008031
Ppfibp1	MmuINT0124646	chr6	1.47E+08	1.47E+08	+	0.007822
Ppfibp1	MmuINT0124647	chr6	1.47E+08	1.47E+08	+	0.009806
Ppfibp1	MmuINT0124648	chr6	1.47E+08	1.47E+08	+	0.008388
Ppfibp1	MmuINT0124649	chr6	1.47E+08	1.47E+08	+	0.023252
Ppfibp1	MmuINT0124650	chr6	1.47E+08	1.47E+08	+	0.005875
Ppfibp1	MmuINT0124651	chr6	1.47E+08	1.47E+08	+	0.009816
Ppfibp1	MmuINT0124652	chr6	1.47E+08	1.47E+08	+	0.051417
Ppfibp1	MmuINT0124653	chr6	1.47E+08	1.47E+08	+	0.007609
Ppfibp1	MmuINT0124654	chr6	1.47E+08	1.47E+08	+	0.007221
Ppfibp1	MmuINT0124655	chr6	1.47E+08	1.47E+08	+	0.008246
Ppfibp1	MmuINT0124656	chr6	1.47E+08	1.47E+08	+	0.006797
Ppfibp1	MmuINT0124657	chr6	1.47E+08	1.47E+08	+	0.020955
Ppfibp1	MmuINT0124658	chr6	1.47E+08	1.47E+08	+	0.006138
Ppfibp1	MmuINT0124659	chr6	1.47E+08	1.47E+08	+	0.032635
Ppfibp1	MmuINT0124660	chr6	1.47E+08	1.47E+08	+	0.0329
Ppfibp2	MmuINT0124662	chr7	1.15E+08	1.15E+08	+	0.01253
Ppfibp2	MmuINT0124663	chr7	1.15E+08	1.15E+08	+	0.010599
Ppfibp2	MmuINT0124664	chr7	1.15E+08	1.15E+08	+	0.014115
Ppfibp2	MmuINT0124665	chr7	1.15E+08	1.15E+08	+	0.022096
Ppfibp2	MmuINT0124666	chr7	1.15E+08	1.15E+08	+	0.015304
Ppfibp2	MmuINT0124668	chr7	1.15E+08	1.15E+08	+	0.007814
Ppfibp2	MmuINT0124669	chr7	1.15E+08	1.15E+08	+	0.005075
Ppfibp2	MmuINT0124670	chr7	1.15E+08	1.15E+08	+	0.022867
Ppfibp2	MmuINT0124671	chr7	1.15E+08	1.15E+08	+	0.060802
Ppfibp2	MmuINT0124672	chr7	1.15E+08	1.15E+08	+	0.018612
Ppfibp2	MmuINT0124673	chr7	1.15E+08	1.15E+08	+	0.011475
Ppfibp2	MmuINT0124674	chr7	1.15E+08	1.15E+08	+	0.023347
Ppfibp2	MmuINT0124675	chr7	1.15E+08	1.15E+08	+	0.008529
Ppfibp2	MmuINT0124676	chr7	1.15E+08	1.15E+08	+	0.008347
Ppfibp2	MmuINT0124677	chr7	1.15E+08	1.15E+08	+	0.021442
Ppfibp2	MmuINT0124678	chr7	1.15E+08	1.15E+08	+	0.019759
Ppfibp2	MmuINT0124679	chr7	1.15E+08	1.15E+08	+	0.008608
Ppfibp2	MmuINT0124680	chr7	1.15E+08	1.15E+08	+	0.009179
Ppfibp2	MmuINT0124681	chr7	1.15E+08	1.15E+08	+	0.04823
Ppfibp2	MmuINT0124682	chr7	1.15E+08	1.15E+08	+	0.014604
Ppfibp2	MmuINT0124683	chr7	1.15E+08	1.15E+08	+	0.010141
Ppfibp2	MmuINT0124684	chr7	1.15E+08	1.15E+08	+	0.011757
Pphln1	MmuINT0124691	chr15	93228893	93241122	+	0.027573
Pphln1	MmuINT0124692	chr15	93241215	93254444	+	0.028233

Pphln1	MmuINT0124693	chr15	93254507	93271931	+	0.018069
Pphln1	MmuINT0124696	chr15	93285962	93290102	+	0.013698
Pphln1	MmuINT0124697	chr15	93290223	93295535	+	0.012326
Pphln1	MmuINT0124698	chr15	93295677	93319404	+	0.010376
Ppib	MmuINT0124703	chr9	65908208	65909273	+	0.011332
Ppib	MmuINT0124704	chr9	65909388	65910795	+	0.015305
Ppib	MmuINT0124705	chr9	65913479	65914101	+	0.012831
Ppic	MmuINT0124706	chr18	53571274	53577493	-	0.051183
Ppic	MmuINT0124707	chr18	53570735	53571159	-	0.131851
Ppic	MmuINT0124708	chr18	53568964	53570640	-	0.158736
Ppic	MmuINT0124709	chr18	53566720	53568778	-	0.011699
Ppid	MmuINT0124710	chr3	79395480	79397531	+	0.00035
Ppie	MmuINT0124719	chr4	1.23E+08	1.23E+08	-	0.024649
Ppie	MmuINT0124720	chr4	1.23E+08	1.23E+08	-	0.010888
Ppie	MmuINT0124721	chr4	1.23E+08	1.23E+08	-	0.008409
Ppie	MmuINT0124722	chr4	1.23E+08	1.23E+08	-	0.087406
Ppie	MmuINT0124723	chr4	1.23E+08	1.23E+08	-	0.011391
Ppie	MmuINT0124724	chr4	1.23E+08	1.23E+08	-	0.012776
Ppie	MmuINT0124725	chr4	1.23E+08	1.23E+08	-	0.008985
Ppie	MmuINT0124726	chr4	1.23E+08	1.23E+08	-	0.026708
Ppie	MmuINT0124727	chr4	1.23E+08	1.23E+08	-	0.008544
Ppif	MmuINT0124728	chr14	26513910	26514958	+	0.002796
Ppif	MmuINT0124729	chr14	26514990	26515489	+	0.003061
Ppif	MmuINT0124730	chr14	26517828	26518952	+	0.028704
Ppig	MmuINT0124732	chr2	69561421	69569802	+	0.046913
Ppig	MmuINT0124733	chr2	69579751	69581669	+	0.009478
Ppig	MmuINT0124734	chr2	69581838	69584084	+	0.026477
Ppig	MmuINT0124735	chr2	69584173	69587017	+	0.042316
Ppig	MmuINT0124736	chr2	69587155	69587328	+	0.017534
Ppig	MmuINT0124737	chr2	69569871	69570253	+	0.013642
Ppig	MmuINT0124738	chr2	69570332	69570436	+	0.009009
Ppig	MmuINT0124739	chr2	69570512	69570874	+	0.007793
Ppig	MmuINT0124740	chr2	69570983	69571245	+	0.010886
Ppig	MmuINT0124741	chr2	69571291	69572347	+	0.032914
Ppig	MmuINT0124742	chr2	69572436	69573924	+	0.02365
Ppig	MmuINT0124743	chr2	69573955	69574045	+	0.012336
Ppig	MmuINT0124744	chr2	69574186	69579542	+	0.009266
Ppil1	MmuINT0124756	chr17	29398837	29400816	-	0.178832
Ppil1	MmuINT0124757	chr17	29389264	29398681	-	0.029519
Ppil1	MmuINT0124758	chr17	29388671	29389194	-	0.022675
Ppil2	MmuINT0124759	chr16	17109788	17111235	-	0.020422
Ppil2	MmuINT0124760	chr16	17093180	17094975	-	0.015773
Ppil2	MmuINT0124762	chr16	17092398	17092777	-	0.048027
Ppil2	MmuINT0124763	chr16	17091983	17092307	-	0.040131
Ppil2	MmuINT0124764	chr16	17091386	17091948	-	0.004429
Ppil2	MmuINT0124765	chr16	17090252	17091267	-	0.00576
Ppil2	MmuINT0124766	chr16	17089747	17090194	-	0.011088
Ppil2	MmuINT0124767	chr16	17089584	17089673	-	0.006509
Ppil2	MmuINT0124768	chr16	17089375	17089520	-	0.007636
Ppil2	MmuINT0124769	chr16	17088960	17089237	-	0.014917



Ppil2	MmuINT0124770	chr16	17107318	17109737	-	0.069359
Ppil2	MmuINT0124771	chr16	17087209	17088837	-	0.965127
Ppil2	MmuINT0124772	chr16	17106149	17107271	-	0.01494
Ppil2	MmuINT0124773	chr16	17103721	17106085	-	0.013161
Ppil2	MmuINT0124775	chr16	17097541	17100348	-	0.0033
Ppil2	MmuINT0124776	chr16	17096888	17097448	-	0.004586
Ppil2	MmuINT0124777	chr16	17096174	17096797	-	0.00136
Ppil3	MmuINT0124779	chr1	58501484	58501989	-	0.093918
Ppil3	MmuINT0124780	chr1	58499444	58501432	-	0.023163
Ppil3	MmuINT0124781	chr1	58497781	58499368	-	0.01746
Ppil3	MmuINT0124782	chr1	58495256	58497686	-	0.020892
Ppil4	MmuINT0124783	chr10	7512819	7515441	+	0.027875
Ppil4	MmuINT0124784	chr10	7527181	7530159	+	0.023976
Ppil4	MmuINT0124785	chr10	7530257	7534461	+	0.025285
Ppil4	MmuINT0124786	chr10	7534610	7540749	+	0.012631
Ppil4	MmuINT0124787	chr10	7515510	7515594	+	0.031524
Ppil4	MmuINT0124788	chr10	7515660	7517555	+	0.019644
Ppil4	MmuINT0124789	chr10	7517674	7518212	+	0.05507
Ppil4	MmuINT0124790	chr10	7518356	7519350	+	0.029159
Ppil4	MmuINT0124791	chr10	7519448	7520531	+	0.010459
Ppil4	MmuINT0124792	chr10	7520649	7521642	+	0.010558
Ppil4	MmuINT0124793	chr10	7521768	7524753	+	0.033682
Ppil4	MmuINT0124794	chr10	7524821	7527068	+	0.012367
Ppip5k1	MmuINT0124805	chr2	1.21E+08	1.21E+08	-	0.008994
Ppip5k1	MmuINT0124806	chr2	1.21E+08	1.21E+08	-	0.006981
Ppip5k1	MmuINT0124807	chr2	1.21E+08	1.21E+08	-	0.007934
Ppip5k1	MmuINT0124808	chr2	1.21E+08	1.21E+08	-	0.006796
Ppip5k1	MmuINT0124809	chr2	1.21E+08	1.21E+08	-	0.007203
Ppip5k1	MmuINT0124810	chr2	1.21E+08	1.21E+08	-	0.008583
Ppip5k1	MmuINT0124811	chr2	1.21E+08	1.21E+08	-	0.008321
Ppip5k1	MmuINT0124812	chr2	1.21E+08	1.21E+08	-	0.009228
Ppip5k1	MmuINT0124813	chr2	1.21E+08	1.21E+08	-	0.019022
Ppip5k1	MmuINT0124814	chr2	1.21E+08	1.21E+08	-	0.003851
Ppip5k1	MmuINT0124815	chr2	1.21E+08	1.21E+08	-	0.004538
Ppip5k1	MmuINT0124816	chr2	1.21E+08	1.21E+08	-	0.006188
Ppip5k1	MmuINT0124818	chr2	1.21E+08	1.21E+08	-	0.010548
Ppip5k1	MmuINT0124819	chr2	1.21E+08	1.21E+08	-	0.008432
Ppip5k1	MmuINT0124820	chr2	1.21E+08	1.21E+08	-	0.004449
Ppip5k1	MmuINT0124821	chr2	1.21E+08	1.21E+08	-	0.016469
Ppip5k1	MmuINT0124822	chr2	1.21E+08	1.21E+08	-	0.101116
Ppip5k1	MmuINT0124823	chr2	1.21E+08	1.21E+08	-	0.309584
Ppip5k1	MmuINT0124824	chr2	1.21E+08	1.21E+08	-	0.419456
Ppip5k1	MmuINT0124825	chr2	1.21E+08	1.21E+08	-	0.010171
Ppip5k1	MmuINT0124826	chr2	1.21E+08	1.21E+08	-	0.010962
Ppip5k1	MmuINT0124827	chr2	1.21E+08	1.21E+08	-	0.004503
Ppip5k1	MmuINT0124828	chr2	1.21E+08	1.21E+08	-	0.015091
Ppip5k1	MmuINT0124829	chr2	1.21E+08	1.21E+08	-	0.006849
Ppip5k1	MmuINT0124830	chr2	1.21E+08	1.21E+08	-	0.005372
Ppip5k1	MmuINT0124831	chr2	1.21E+08	1.21E+08	-	0.034308
Ppip5k1	MmuINT0124832	chr2	1.21E+08	1.21E+08	-	0.00459

Ppip5k1	MmuINT0124833	chr2	1.21E+08	1.21E+08	-	0.034641
Ppip5k2	MmuINT0124834	chr1	99658399	99666431	-	0.021033
Ppip5k2	MmuINT0124835	chr1	99643082	99644123	-	0.00297
Ppip5k2	MmuINT0124836	chr1	99642048	99642994	-	0.003864
Ppip5k2	MmuINT0124837	chr1	99641850	99641971	-	0.003811
Ppip5k2	MmuINT0124838	chr1	99640720	99641739	-	0.003724
Ppip5k2	MmuINT0124839	chr1	99637773	99640633	-	0.002783
Ppip5k2	MmuINT0124840	chr1	99637523	99637646	-	0.003769
Ppip5k2	MmuINT0124841	chr1	99637222	99637400	-	0.002608
Ppip5k2	MmuINT0124842	chr1	99631686	99637038	-	0.007128
Ppip5k2	MmuINT0124843	chr1	99630687	99631543	-	0.001722
Ppip5k2	MmuINT0124844	chr1	99626616	99630462	-	0.01193
Ppip5k2	MmuINT0124846	chr1	99625610	99626487	-	0.013587
Ppip5k2	MmuINT0124847	chr1	99624080	99625494	-	0.005353
Ppip5k2	MmuINT0124848	chr1	99623883	99623971	-	0.002102
Ppip5k2	MmuINT0124849	chr1	99620412	99623765	-	0.002142
Ppip5k2	MmuINT0124850	chr1	99616484	99620246	-	0.007759
Ppip5k2	MmuINT0124851	chr1	99609722	99616410	-	0.662306
Ppip5k2	MmuINT0124852	chr1	99608426	99609580	-	0.036674
Ppip5k2	MmuINT0124853	chr1	99604408	99608299	-	0.035057
Ppip5k2	MmuINT0124854	chr1	99653512	99655745	-	0.006161
Ppip5k2	MmuINT0124857	chr1	99649383	99651631	-	0.002503
Ppip5k2	MmuINT0124858	chr1	99647306	99649280	-	0.003329
Ppip5k2	MmuINT0124859	chr1	99646241	99647143	-	0.003762
Ppip5k2	MmuINT0124860	chr1	99644226	99646118	-	0.00299
Ppm1a	MmuINT0124882	chr12	73862619	73884669	+	0.006919
Ppm1a	MmuINT0124883	chr12	73885524	73887658	+	0.001372
Ppm1a	MmuINT0124884	chr12	73887777	73891619	+	0.034706
Ppm1a	MmuINT0124885	chr12	73891729	73893764	+	0.007682
Ppm1a	MmuINT0124886	chr12	73893823	73894698	+	0.010166
Ppm1b	MmuINT0124887	chr17	85357735	85393019	+	0.003487
Ppm1b	MmuINT0124891	chr17	85404907	85412905	+	0.075543
Ppm1d	MmuINT0124898	chr11	85125426	85140365	+	0.030957
Ppm1d	MmuINT0124899	chr11	85140595	85145752	+	0.025628
Ppm1d	MmuINT0124900	chr11	85145878	85150566	+	0.037707
Ppm1d	MmuINT0124901	chr11	85150758	85153055	+	0.028148
Ppm1d	MmuINT0124902	chr11	85153299	85159137	+	0.050921
Ppm1e	MmuINT0124903	chr11	87062553	87171950	-	0.067575
Ppm1e	MmuINT0124904	chr11	87057971	87062433	-	0.06789
Ppm1e	MmuINT0124905	chr11	87054294	87057770	-	0.123151
Ppm1e	MmuINT0124906	chr11	87051078	87054104	-	0.06605
Ppm1e	MmuINT0124907	chr11	87050726	87050933	-	0.050846
Ppm1e	MmuINT0124908	chr11	87045431	87050631	-	0.035933
Ppm1f	MmuINT0124909	chr16	16896718	16903416	+	0.03505
Ppm1f	MmuINT0124910	chr16	16903685	16911031	+	0.013297
Ppm1f	MmuINT0124911	chr16	16911175	16914126	+	0.014088
Ppm1f	MmuINT0124912	chr16	16914330	16915252	+	0.009587
Ppm1f	MmuINT0124913	chr16	16915442	16917752	+	0.011083
Ppm1f	MmuINT0124914	chr16	16917897	16922555	+	0.046282
Ppm1f	MmuINT0124915	chr16	16922650	16923732	+	0.026728

Ppm1g	MmuINT0124916	chr5	31510830	31522675	-	0.009328
Ppm1g	MmuINT0124917	chr5	31510472	31510759	-	0.028515
Ppm1g	MmuINT0124918	chr5	31510069	31510385	-	0.010138
Ppm1g	MmuINT0124919	chr5	31508827	31509935	-	0.004379
Ppm1g	MmuINT0124920	chr5	31507503	31508410	-	0.011743
Ppm1g	MmuINT0124921	chr5	31507061	31507370	-	0.005575
Ppm1g	MmuINT0124922	chr5	31506533	31506825	-	0.007589
Ppm1g	MmuINT0124923	chr5	31506048	31506402	-	0.01689
Ppm1g	MmuINT0124924	chr5	31505658	31505944	-	0.005987
Ppm1h	MmuINT0124925	chr10	1.22E+08	1.22E+08	+	0.072903
Ppm1h	MmuINT0124926	chr10	1.22E+08	1.22E+08	+	0.045798
Ppm1h	MmuINT0124927	chr10	1.22E+08	1.22E+08	+	0.048653
Ppm1h	MmuINT0124929	chr10	1.22E+08	1.22E+08	+	0.055422
Ppm1h	MmuINT0124930	chr10	1.22E+08	1.22E+08	+	0.064016
Ppm1h	MmuINT0124931	chr10	1.22E+08	1.22E+08	+	0.038557
Ppm1j	MmuINT0124932	chr3	1.05E+08	1.05E+08	+	0.18327
Ppm1j	MmuINT0124933	chr3	1.05E+08	1.05E+08	+	0.009248
Ppm1j	MmuINT0124934	chr3	1.05E+08	1.05E+08	+	0.030263
Ppm1j	MmuINT0124935	chr3	1.05E+08	1.05E+08	+	0.029731
Ppm1j	MmuINT0124936	chr3	1.05E+08	1.05E+08	+	0.014561
Ppm1j	MmuINT0124937	chr3	1.05E+08	1.05E+08	+	0.086208
Ppm1j	MmuINT0124938	chr3	1.05E+08	1.05E+08	+	0.044409
Ppm1j	MmuINT0124939	chr3	1.05E+08	1.05E+08	+	0.038399
Ppm1j	MmuINT0124940	chr3	1.05E+08	1.05E+08	+	0.0655
Ppm1k	MmuINT0124941	chr6	57475249	57485273	-	0.005992
Ppm1k	MmuINT0124942	chr6	57472844	57474730	-	0.004354
Ppm1k	MmuINT0124943	chr6	57465753	57472742	-	0.005003
Ppm1k	MmuINT0124944	chr6	57465113	57465586	-	0.005067
Ppm1k	MmuINT0124945	chr6	57464071	57464967	-	0.006242
Ppm1k	MmuINT0124946	chr6	57460844	57463935	-	0.02419
Ppm1l	MmuINT0124947	chr3	69121888	69301692	+	0.011311
Ppm1l	MmuINT0124948	chr3	69301868	69353247	+	0.047079
Ppm1l	MmuINT0124949	chr3	69353410	69356749	+	0.011519
Ppm1m	MmuINT0124952	chr9	1.06E+08	1.06E+08	-	0.021493
Ppm1m	MmuINT0124953	chr9	1.06E+08	1.06E+08	-	0.252932
Ppm1m	MmuINT0124954	chr9	1.06E+08	1.06E+08	-	0.223943
Ppm1m	MmuINT0124955	chr9	1.06E+08	1.06E+08	-	0.032818
Ppm1m	MmuINT0124956	chr9	1.06E+08	1.06E+08	-	0.064816
Ppm1m	MmuINT0124957	chr9	1.06E+08	1.06E+08	-	0.055076
Ppm1m	MmuINT0124958	chr9	1.06E+08	1.06E+08	-	0.01829
Ppm1m	MmuINT0124959	chr9	1.06E+08	1.06E+08	-	0.055398
Ppme1	MmuINT0124964	chr7	1.08E+08	1.08E+08	-	0.005419
Ppme1	MmuINT0124965	chr7	1.07E+08	1.07E+08	-	0.007136
Ppme1	MmuINT0124966	chr7	1.07E+08	1.07E+08	-	0.030517
Ppme1	MmuINT0124967	chr7	1.07E+08	1.07E+08	-	0.068626
Ppme1	MmuINT0124968	chr7	1.07E+08	1.07E+08	-	0.021877
Ppme1	MmuINT0124969	chr7	1.08E+08	1.08E+08	-	0.010062
Ppme1	MmuINT0124970	chr7	1.07E+08	1.08E+08	-	0.006257
Ppme1	MmuINT0124971	chr7	1.07E+08	1.07E+08	-	0.010829
Ppme1	MmuINT0124972	chr7	1.07E+08	1.07E+08	-	0.007834

Ppme1	MmuINT0124973	chr7	1.07E+08	1.07E+08	-	0.007191
Ppme1	MmuINT0124974	chr7	1.07E+08	1.07E+08	-	0.005785
Ppme1	MmuINT0124975	chr7	1.07E+08	1.07E+08	-	0.006017
Ppme1	MmuINT0124976	chr7	1.07E+08	1.07E+08	-	0.011784
Ppox	MmuINT0124977	chr1	1.73E+08	1.73E+08	-	0.079849
Ppox	MmuINT0124978	chr1	1.73E+08	1.73E+08	-	0.063564
Ppox	MmuINT0124979	chr1	1.73E+08	1.73E+08	-	0.015202
Ppox	MmuINT0124980	chr1	1.73E+08	1.73E+08	-	0.034483
Ppox	MmuINT0124981	chr1	1.73E+08	1.73E+08	-	0.049877
Ppox	MmuINT0124982	chr1	1.73E+08	1.73E+08	-	0.437058
Ppox	MmuINT0124983	chr1	1.73E+08	1.73E+08	-	0.302635
Ppox	MmuINT0124984	chr1	1.73E+08	1.73E+08	-	0.419779
Ppox	MmuINT0124985	chr1	1.73E+08	1.73E+08	-	0.007884
Ppox	MmuINT0124986	chr1	1.73E+08	1.73E+08	-	0.237152
Ppox	MmuINT0124987	chr1	1.73E+08	1.73E+08	-	0.072601
Ppox	MmuINT0124988	chr1	1.73E+08	1.73E+08	-	0.038882
Ppp1ca	MmuINT0124989	chr19	4192272	4192744	+	0.000951
Ppp1ca	MmuINT0124990	chr19	4192877	4193021	+	0.00132
Ppp1ca	MmuINT0124991	chr19	4193253	4193766	+	0.003104
Ppp1ca	MmuINT0124992	chr19	4193872	4194466	+	0.004248
Ppp1ca	MmuINT0124993	chr19	4194691	4194771	+	0.000935
Ppp1ca	MmuINT0124994	chr19	4194907	4194981	+	0.006606
Ppp1cb	MmuINT0124995	chr5	32761781	32780438	+	0.000791
Ppp1cb	MmuINT0124996	chr5	32780571	32783062	+	0.000572
Ppp1cb	MmuINT0124997	chr5	32783294	32785732	+	0.00206
Ppp1cb	MmuINT0124998	chr5	32785838	32787631	+	0.001181
Ppp1cb	MmuINT0124999	chr5	32787704	32788253	+	0.000704
Ppp1cb	MmuINT0125000	chr5	32788406	32789943	+	0.000879
Ppp1cb	MmuINT0125001	chr5	32790079	32793326	+	0.002972
Ppp1r10	MmuINT0125008	chr17	36064956	36065126	+	0.010025
Ppp1r10	MmuINT0125009	chr17	36065275	36065347	+	0.015245
Ppp1r10	MmuINT0125010	chr17	36065507	36065596	+	0.00852
Ppp1r10	MmuINT0125011	chr17	36065844	36066165	+	0.029434
Ppp1r10	MmuINT0125012	chr17	36066230	36066336	+	0.029573
Ppp1r10	MmuINT0125013	chr17	36066532	36066717	+	0.065192
Ppp1r10	MmuINT0125014	chr17	36066794	36066995	+	0.072518
Ppp1r10	MmuINT0125015	chr17	36060371	36060981	+	0.011811
Ppp1r10	MmuINT0125016	chr17	36061069	36061189	+	0.010978
Ppp1r10	MmuINT0125017	chr17	36061326	36061802	+	0.010399
Ppp1r10	MmuINT0125018	chr17	36061855	36063146	+	0.018483
Ppp1r10	MmuINT0125019	chr17	36063225	36063344	+	0.012085
Ppp1r10	MmuINT0125020	chr17	36063519	36063716	+	0.013127
Ppp1r10	MmuINT0125021	chr17	36063823	36063918	+	0.012251
Ppp1r10	MmuINT0125022	chr17	36064032	36064854	+	0.020016
Ppp1r10	MmuINT0125023	chr17	36053951	36054142	+	0.068361
Ppp1r11	MmuINT0125025	chr17	37086931	37088367	-	0.003431
Ppp1r11	MmuINT0125026	chr17	37086500	37086821	-	0.001299
Ppp1r12a	MmuINT0125027	chr10	1.08E+08	1.08E+08	+	0.018437
Ppp1r12a	MmuINT0125028	chr10	1.08E+08	1.08E+08	+	0.009447
Ppp1r12a	MmuINT0125029	chr10	1.08E+08	1.08E+08	+	0.013309

Ppp1r12a	MmuINT0125030	chr10	1.08E+08	1.08E+08	+	0.020976
Ppp1r12a	MmuINT0125031	chr10	1.08E+08	1.08E+08	+	0.040892
Ppp1r12a	MmuINT0125032	chr10	1.08E+08	1.08E+08	+	0.019394
Ppp1r12a	MmuINT0125033	chr10	1.08E+08	1.08E+08	+	0.008856
Ppp1r12a	MmuINT0125034	chr10	1.08E+08	1.08E+08	+	0.039319
Ppp1r12a	MmuINT0125035	chr10	1.08E+08	1.08E+08	+	0.094055
Ppp1r12a	MmuINT0125036	chr10	1.08E+08	1.08E+08	+	0.080261
Ppp1r12a	MmuINT0125037	chr10	1.08E+08	1.08E+08	+	0.072576
Ppp1r12a	MmuINT0125038	chr10	1.08E+08	1.08E+08	+	0.010273
Ppp1r12a	MmuINT0125039	chr10	1.08E+08	1.08E+08	+	0.010258
Ppp1r12a	MmuINT0125040	chr10	1.08E+08	1.08E+08	+	0.009709
Ppp1r12a	MmuINT0125041	chr10	1.08E+08	1.08E+08	+	0.008383
Ppp1r12a	MmuINT0125044	chr10	1.08E+08	1.08E+08	+	0.176145
Ppp1r12a	MmuINT0125045	chr10	1.08E+08	1.08E+08	+	0.010697
Ppp1r12a	MmuINT0125046	chr10	1.08E+08	1.08E+08	+	0.01866
Ppp1r12a	MmuINT0125047	chr10	1.08E+08	1.08E+08	+	0.019838
Ppp1r12a	MmuINT0125048	chr10	1.08E+08	1.08E+08	+	0.011833
Ppp1r12a	MmuINT0125049	chr10	1.08E+08	1.08E+08	+	0.008934
Ppp1r12a	MmuINT0125050	chr10	1.08E+08	1.08E+08	+	0.012196
Ppp1r12a	MmuINT0125051	chr10	1.08E+08	1.08E+08	+	0.027881
Ppp1r12b	MmuINT0125052	chr1	1.37E+08	1.37E+08	-	0.002492
Ppp1r12b	MmuINT0125053	chr1	1.37E+08	1.37E+08	-	0.002566
Ppp1r12b	MmuINT0125054	chr1	1.37E+08	1.37E+08	-	0.002634
Ppp1r12b	MmuINT0125055	chr1	1.37E+08	1.37E+08	-	0.003193
Ppp1r12b	MmuINT0125056	chr1	1.37E+08	1.37E+08	-	0.003289
Ppp1r12b	MmuINT0125057	chr1	1.37E+08	1.37E+08	-	0.003382
Ppp1r12b	MmuINT0125058	chr1	1.37E+08	1.37E+08	-	0.001663
Ppp1r12b	MmuINT0125059	chr1	1.37E+08	1.37E+08	-	0.001569
Ppp1r12b	MmuINT0125060	chr1	1.37E+08	1.37E+08	-	0.002435
Ppp1r12b	MmuINT0125062	chr1	1.37E+08	1.37E+08	-	0.002514
Ppp1r12b	MmuINT0125063	chr1	1.37E+08	1.37E+08	-	0.002524
Ppp1r12b	MmuINT0125064	chr1	1.37E+08	1.37E+08	-	0.002032
Ppp1r12b	MmuINT0125065	chr1	1.37E+08	1.37E+08	-	0.002098
Ppp1r12b	MmuINT0125067	chr1	1.37E+08	1.37E+08	-	0.002101
Ppp1r12b	MmuINT0125068	chr1	1.37E+08	1.37E+08	-	0.002477
Ppp1r12b	MmuINT0125069	chr1	1.37E+08	1.37E+08	-	0.006451
Ppp1r12b	MmuINT0125070	chr1	1.37E+08	1.37E+08	-	0.004042
Ppp1r12b	MmuINT0125071	chr1	1.37E+08	1.37E+08	-	0.002901
Ppp1r12b	MmuINT0125072	chr1	1.37E+08	1.37E+08	-	0.002239
Ppp1r12b	MmuINT0125073	chr1	1.37E+08	1.37E+08	-	0.002184
Ppp1r12c	MmuINT0125074	chr7	4449149	4452867	-	0.017472
Ppp1r12c	MmuINT0125075	chr7	4436120	4436220	-	0.057507
Ppp1r12c	MmuINT0125076	chr7	4435675	4436051	-	0.017613
Ppp1r12c	MmuINT0125077	chr7	4435336	4435542	-	0.015866
Ppp1r12c	MmuINT0125078	chr7	4435160	4435244	-	0.110977
Ppp1r12c	MmuINT0125079	chr7	4435004	4435075	-	0.0512
Ppp1r12c	MmuINT0125080	chr7	4434788	4434942	-	0.069314
Ppp1r12c	MmuINT0125081	chr7	4434616	4434704	-	0.022882
Ppp1r12c	MmuINT0125082	chr7	4434496	4434574	-	0.136924
Ppp1r12c	MmuINT0125083	chr7	4434291	4434392	-	0.041185

Ppp1r12c	MmuINT0125084	chr7	4434032	4434185	-	0.030712
Ppp1r12c	MmuINT0125085	chr7	4448938	4449017	-	0.003686
Ppp1r12c	MmuINT0125086	chr7	4433890	4433980	-	0.031795
Ppp1r12c	MmuINT0125087	chr7	4433761	4433838	-	0.04574
Ppp1r12c	MmuINT0125088	chr7	4441495	4448818	-	0.016121
Ppp1r12c	MmuINT0125089	chr7	4438258	4441334	-	0.050463
Ppp1r12c	MmuINT0125090	chr7	4438035	4438112	-	0.034652
Ppp1r12c	MmuINT0125091	chr7	4437065	4437959	-	0.230456
Ppp1r12c	MmuINT0125092	chr7	4436919	4436990	-	0.067796
Ppp1r12c	MmuINT0125093	chr7	4436687	4436790	-	0.0677
Ppp1r12c	MmuINT0125094	chr7	4436374	4436612	-	0.102452
Ppp1r13b	MmuINT0125096	chr12	1.13E+08	1.13E+08	-	0.046466
Ppp1r13b	MmuINT0125097	chr12	1.13E+08	1.13E+08	-	0.084844
Ppp1r13b	MmuINT0125098	chr12	1.13E+08	1.13E+08	-	0.100081
Ppp1r13b	MmuINT0125099	chr12	1.13E+08	1.13E+08	-	0.037839
Ppp1r13b	MmuINT0125100	chr12	1.13E+08	1.13E+08	-	0.05149
Ppp1r13b	MmuINT0125101	chr12	1.13E+08	1.13E+08	-	0.015668
Ppp1r13b	MmuINT0125102	chr12	1.13E+08	1.13E+08	-	0.027679
Ppp1r13b	MmuINT0125103	chr12	1.13E+08	1.13E+08	-	0.014428
Ppp1r13b	MmuINT0125104	chr12	1.13E+08	1.13E+08	-	0.016608
Ppp1r13b	MmuINT0125105	chr12	1.13E+08	1.13E+08	-	0.029777
Ppp1r13b	MmuINT0125106	chr12	1.13E+08	1.13E+08	-	0.014022
Ppp1r13b	MmuINT0125107	chr12	1.13E+08	1.13E+08	-	0.022443
Ppp1r13b	MmuINT0125108	chr12	1.13E+08	1.13E+08	-	0.019561
Ppp1r13b	MmuINT0125110	chr12	1.13E+08	1.13E+08	-	0.040189
Ppp1r13l	MmuINT0125111	chr7	19946666	19953890	+	0.032052
Ppp1r13l	MmuINT0125112	chr7	19960968	19961073	+	0.004107
Ppp1r13l	MmuINT0125113	chr7	19961241	19962836	+	0.005354
Ppp1r13l	MmuINT0125114	chr7	19963037	19963315	+	0.008856
Ppp1r13l	MmuINT0125115	chr7	19953972	19954065	+	0.008277
Ppp1r13l	MmuINT0125116	chr7	19954209	19955142	+	0.005685
Ppp1r13l	MmuINT0125117	chr7	19955654	19955737	+	0.012852
Ppp1r13l	MmuINT0125118	chr7	19955837	19955914	+	0.017663
Ppp1r13l	MmuINT0125119	chr7	19956007	19956553	+	0.01526
Ppp1r13l	MmuINT0125120	chr7	19956996	19958272	+	0.013439
Ppp1r13l	MmuINT0125121	chr7	19958734	19960598	+	0.027475
Ppp1r13l	MmuINT0125122	chr7	19960731	19960833	+	0.007016
Ppp1r14a	MmuINT0125123	chr7	30074555	30076528	+	0.031472
Ppp1r14a	MmuINT0125124	chr7	30076610	30077069	+	0.060187
Ppp1r14a	MmuINT0125125	chr7	30077103	30078208	+	0.195301
Ppp1r14c	MmuINT0125129	chr10	6923048	6979571	-	0.003945
Ppp1r14c	MmuINT0125130	chr10	6920808	6922963	-	0.000247
Ppp1r14c	MmuINT0125131	chr10	6883153	6920774	-	0.00033
Ppp1r15a	MmuINT0125135	chr7	52780762	52781364	-	0.06319
Ppp1r15a	MmuINT0125136	chr7	52778693	52779108	-	0.032851
Ppp1r15b	MmuINT0125137	chr1	1.35E+08	1.35E+08	+	0.032489
Ppp1r16a	MmuINT0125138	chr15	76502193	76520601	+	0.018457
Ppp1r16a	MmuINT0125139	chr15	76524461	76524727	+	0.017802
Ppp1r16a	MmuINT0125140	chr15	76521583	76522126	+	0.05693
Ppp1r16a	MmuINT0125141	chr15	76522198	76522284	+	0.020001

Ppp1r16a	MmuINT0125142	chr15	76522431	76523266	+	0.063959
Ppp1r16a	MmuINT0125143	chr15	76523371	76523443	+	0.04939
Ppp1r16a	MmuINT0125144	chr15	76523569	76523656	+	0.092911
Ppp1r16a	MmuINT0125145	chr15	76523783	76523868	+	0.077551
Ppp1r16a	MmuINT0125146	chr15	76523945	76524024	+	0.0452
Ppp1r16a	MmuINT0125147	chr15	76524155	76524297	+	0.00864
Ppp1r1a	MmuINT0125163	chr15	1.03E+08	1.03E+08	-	0.039426
Ppp1r1a	MmuINT0125164	chr15	1.03E+08	1.03E+08	-	0.055429
Ppp1r3a	MmuINT0125180	chr6	14672137	14704461	-	0.006964
Ppp1r3a	MmuINT0125181	chr6	14671979	14672074	-	0.007855
Ppp1r3a	MmuINT0125182	chr6	14669942	14671853	-	0.003333
Ppp1r3c	MmuINT0125184	chr19	36808845	36811042	-	0.003518
Ppp1r3f	MmuINT0125186	chrX	7141415	7150373	-	0.146884
Ppp1r3f	MmuINT0125187	chrX	7141068	7141361	-	0.060403
Ppp1r3f	MmuINT0125188	chrX	7138010	7140987	-	0.050336
Ppp1r7	MmuINT0125190	chr1	95240289	95242732	+	0.01335
Ppp1r7	MmuINT0125191	chr1	95242865	95246901	+	0.007141
Ppp1r7	MmuINT0125192	chr1	95246958	95247525	+	0.009701
Ppp1r7	MmuINT0125193	chr1	95247592	95248082	+	0.012604
Ppp1r7	MmuINT0125194	chr1	95248214	95249093	+	0.006609
Ppp1r7	MmuINT0125195	chr1	95249257	95250905	+	0.010406
Ppp1r7	MmuINT0125196	chr1	95251023	95254333	+	0.005088
Ppp1r7	MmuINT0125197	chr1	95254439	95257302	+	0.010266
Ppp1r7	MmuINT0125198	chr1	95257390	95261466	+	0.008525
Ppp1r8	MmuINT0125199	chr4	1.32E+08	1.32E+08	-	0.03048
Ppp1r8	MmuINT0125200	chr4	1.32E+08	1.32E+08	-	0.041757
Ppp1r8	MmuINT0125201	chr4	1.32E+08	1.32E+08	-	0.008899
Ppp1r8	MmuINT0125202	chr4	1.32E+08	1.32E+08	-	0.006752
Ppp1r8	MmuINT0125204	chr4	1.32E+08	1.32E+08	-	0.045452
Ppp1r9b	MmuINT0125220	chr11	94854233	94857848	+	0.013796
Ppp1r9b	MmuINT0125221	chr11	94857982	94859307	+	0.006155
Ppp1r9b	MmuINT0125222	chr11	94859429	94861520	+	0.017512
Ppp1r9b	MmuINT0125223	chr11	94861626	94862532	+	0.005801
Ppp1r9b	MmuINT0125224	chr11	94862669	94863155	+	0.005146
Ppp1r9b	MmuINT0125225	chr11	94863309	94863392	+	0.005517
Ppp1r9b	MmuINT0125226	chr11	94863447	94865874	+	0.015522
Ppp1r9b	MmuINT0125227	chr11	94866105	94866334	+	0.00666
Ppp1r9b	MmuINT0125228	chr11	94866432	94866618	+	0.008226
Ppp2ca	MmuINT0125229	chr11	51912653	51926621	+	0.003167
Ppp2ca	MmuINT0125230	chr11	51926832	51931488	+	0.003005
Ppp2ca	MmuINT0125231	chr11	51931663	51932170	+	0.001564
Ppp2ca	MmuINT0125232	chr11	51932261	51932644	+	0.00096
Ppp2ca	MmuINT0125233	chr11	51932807	51934434	+	0.001785
Ppp2ca	MmuINT0125234	chr11	51934554	51935403	+	0.000885
Ppp2cb	MmuINT0125235	chr8	34710491	34721126	+	0.004406
Ppp2cb	MmuINT0125236	chr8	34721337	34722219	+	0.013581
Ppp2cb	MmuINT0125237	chr8	34722394	34725921	+	0.015846
Ppp2cb	MmuINT0125238	chr8	34726012	34726137	+	0.004697
Ppp2cb	MmuINT0125239	chr8	34726300	34727498	+	0.010444
Ppp2cb	MmuINT0125240	chr8	34727618	34729593	+	0.025842

Ppp2r1a	MmuINT0125241	chr17	21082548	21088306	+	0.001809
Ppp2r1a	MmuINT0125242	chr17	21097604	21097916	+	0.002563
Ppp2r1a	MmuINT0125243	chr17	21097978	21098548	+	0.001555
Ppp2r1a	MmuINT0125244	chr17	21098704	21099537	+	0.004996
Ppp2r1a	MmuINT0125245	chr17	21099681	21102202	+	0.000744
Ppp2r1a	MmuINT0125246	chr17	21102295	21102418	+	0.001803
Ppp2r1a	MmuINT0125247	chr17	21088398	21091578	+	0.002037
Ppp2r1a	MmuINT0125248	chr17	21091680	21092751	+	0.002105
Ppp2r1a	MmuINT0125249	chr17	21092985	21093668	+	0.002602
Ppp2r1a	MmuINT0125250	chr17	21093817	21093920	+	0.001583
Ppp2r1a	MmuINT0125251	chr17	21094077	21095683	+	0.001733
Ppp2r1a	MmuINT0125254	chr17	21096488	21097429	+	0.000885
Ppp2r1b	MmuINT0125256	chr9	50691701	50699721	+	0.982139
Ppp2r1b	MmuINT0125257	chr9	50699823	50700760	+	0.988707
Ppp2r1b	MmuINT0125260	chr9	50681813	50686142	+	0.046955
Ppp2r1b	MmuINT0125261	chr9	50686298	50686802	+	0.034091
Ppp2r1b	MmuINT0125262	chr9	50686946	50687314	+	0.049297
Ppp2r1b	MmuINT0125263	chr9	50687407	50687943	+	0.085357
Ppp2r1b	MmuINT0125265	chr9	50667057	50669635	+	0.083725
Ppp2r1b	MmuINT0125266	chr9	50669869	50670470	+	0.04129
Ppp2r1b	MmuINT0125267	chr9	50670619	50674548	+	0.048159
Ppp2r1b	MmuINT0125268	chr9	50674705	50674932	+	0.059014
Ppp2r1b	MmuINT0125269	chr9	50675048	50675430	+	0.041417
Ppp2r1b	MmuINT0125270	chr9	50675502	50675767	+	0.069491
Ppp2r1b	MmuINT0125271	chr9	50675903	50678167	+	0.047736
Ppp2r2a	MmuINT0125272	chr14	67689147	67690926	-	0.003423
Ppp2r2a	MmuINT0125274	chr14	67647868	67657711	-	0.00408
Ppp2r2a	MmuINT0125277	chr14	67642028	67642469	-	0.004771
Ppp2r2a	MmuINT0125279	chr14	67638645	67641110	-	0.00696
Ppp2r2a	MmuINT0125280	chr14	67635491	67638552	-	0.001512
Ppp2r2d	MmuINT0125297	chr7	1.46E+08	1.46E+08	+	0.054141
Ppp2r2d	MmuINT0125298	chr7	1.46E+08	1.46E+08	+	0.012391
Ppp2r2d	MmuINT0125299	chr7	1.46E+08	1.46E+08	+	0.040655
Ppp2r2d	MmuINT0125300	chr7	1.46E+08	1.46E+08	+	0.015595
Ppp2r2d	MmuINT0125301	chr7	1.46E+08	1.46E+08	+	0.029682
Ppp2r2d	MmuINT0125302	chr7	1.46E+08	1.46E+08	+	0.020463
Ppp2r2d	MmuINT0125303	chr7	1.46E+08	1.46E+08	+	0.017582
Ppp2r2d	MmuINT0125304	chr7	1.46E+08	1.46E+08	+	0.029373
Ppp2r3a	MmuINT0125306	chr9	1.01E+08	1.01E+08	-	0.001006
Ppp2r3a	MmuINT0125307	chr9	1.01E+08	1.01E+08	-	0.001416
Ppp2r3a	MmuINT0125308	chr9	1.01E+08	1.01E+08	-	0.001487
Ppp2r3a	MmuINT0125309	chr9	1.01E+08	1.01E+08	-	0.002372
Ppp2r3a	MmuINT0125310	chr9	1.01E+08	1.01E+08	-	0.016562
Ppp2r3a	MmuINT0125311	chr9	1.01E+08	1.01E+08	-	0.001479
Ppp2r3a	MmuINT0125312	chr9	1.01E+08	1.01E+08	-	0.001174
Ppp2r3a	MmuINT0125313	chr9	1.01E+08	1.01E+08	-	0.001413
Ppp2r3a	MmuINT0125314	chr9	1.01E+08	1.01E+08	-	0.001893
Ppp2r3a	MmuINT0125315	chr9	1.01E+08	1.01E+08	-	0.001119
Ppp2r3a	MmuINT0125316	chr9	1.01E+08	1.01E+08	-	0.00248
Ppp2r3a	MmuINT0125317	chr9	1.01E+08	1.01E+08	-	0.00195



Ppp2r3c	MmuINT0125319	chr12	56403783	56403901	-	0.135674
Ppp2r3c	MmuINT0125324	chr12	56400009	56403580	-	0.010139
Ppp2r3c	MmuINT0125325	chr12	56399503	56399880	-	0.005926
Ppp2r3c	MmuINT0125326	chr12	56398878	56399397	-	0.035749
Ppp2r3c	MmuINT0125327	chr12	56394867	56398764	-	0.026434
Ppp2r3c	MmuINT0125328	chr12	56393562	56394768	-	0.039691
Ppp2r3c	MmuINT0125329	chr12	56390780	56393490	-	0.029427
Ppp2r4	MmuINT0125332	chr2	30271853	30281918	+	0.004356
Ppp2r4	MmuINT0125333	chr2	30282017	30283835	+	0.006829
Ppp2r4	MmuINT0125334	chr2	30283923	30287480	+	0.004869
Ppp2r4	MmuINT0125335	chr2	30287607	30291083	+	0.011357
Ppp2r4	MmuINT0125336	chr2	30291202	30293089	+	0.007463
Ppp2r4	MmuINT0125337	chr2	30293190	30293748	+	0.031429
Ppp2r4	MmuINT0125338	chr2	30293874	30295183	+	0.032846
Ppp2r4	MmuINT0125339	chr2	30295285	30298809	+	0.054795
Ppp2r4	MmuINT0125340	chr2	30298918	30301896	+	0.032809
Ppp2r5a	MmuINT0125342	chr1	1.93E+08	1.93E+08	-	0.021758
Ppp2r5a	MmuINT0125346	chr1	1.93E+08	1.93E+08	-	0.003003
Ppp2r5a	MmuINT0125347	chr1	1.93E+08	1.93E+08	-	0.040561
Ppp2r5b	MmuINT0125353	chr19	6235100	6235511	-	0.020696
Ppp2r5b	MmuINT0125354	chr19	6230276	6230385	-	0.090941
Ppp2r5b	MmuINT0125355	chr19	6229350	6230155	-	0.017413
Ppp2r5b	MmuINT0125356	chr19	6229044	6229221	-	0.009442
Ppp2r5b	MmuINT0125357	chr19	6228532	6228941	-	0.040655
Ppp2r5b	MmuINT0125358	chr19	6233974	6234632	-	0.015273
Ppp2r5b	MmuINT0125359	chr19	6232869	6233776	-	0.00706
Ppp2r5b	MmuINT0125360	chr19	6232621	6232766	-	0.008525
Ppp2r5b	MmuINT0125361	chr19	6232401	6232527	-	0.034649
Ppp2r5b	MmuINT0125362	chr19	6231176	6232269	-	0.04104
Ppp2r5b	MmuINT0125363	chr19	6231016	6231115	-	0.009256
Ppp2r5b	MmuINT0125364	chr19	6230556	6230906	-	0.031857
Ppp2r5b	MmuINT0125365	chr19	6230437	6230501	-	0.085149
Ppp2r5c	MmuINT0125366	chr12	1.12E+08	1.12E+08	+	0.035837
Ppp2r5c	MmuINT0125367	chr12	1.12E+08	1.12E+08	+	0.016239
Ppp2r5c	MmuINT0125369	chr12	1.12E+08	1.12E+08	+	0.004353
Ppp2r5c	MmuINT0125370	chr12	1.12E+08	1.12E+08	+	0.005921
Ppp2r5c	MmuINT0125371	chr12	1.12E+08	1.12E+08	+	0.003533
Ppp2r5c	MmuINT0125372	chr12	1.12E+08	1.12E+08	+	0.082679
Ppp2r5c	MmuINT0125373	chr12	1.12E+08	1.12E+08	+	0.003172
Ppp2r5c	MmuINT0125374	chr12	1.12E+08	1.12E+08	+	0.004385
Ppp2r5c	MmuINT0125375	chr12	1.12E+08	1.12E+08	+	0.003183
Ppp2r5c	MmuINT0125376	chr12	1.12E+08	1.12E+08	+	0.004254
Ppp2r5c	MmuINT0125377	chr12	1.12E+08	1.12E+08	+	0.003619
Ppp2r5c	MmuINT0125378	chr12	1.12E+08	1.12E+08	+	0.003347
Ppp2r5c	MmuINT0125379	chr12	1.12E+08	1.12E+08	+	0.003486
Ppp2r5c	MmuINT0125380	chr12	1.12E+08	1.12E+08	+	0.002899
Ppp2r5d	MmuINT0125381	chr17	46837096	46841781	-	0.007714
Ppp2r5d	MmuINT0125382	chr17	46822379	46822467	-	0.013018
Ppp2r5d	MmuINT0125383	chr17	46821716	46822250	-	0.033309
Ppp2r5d	MmuINT0125384	chr17	46821528	46821613	-	0.019467

Ppp2r5d	MmuINT0125385	chr17	46821327	46821454	-	0.014958
Ppp2r5d	MmuINT0125386	chr17	46821076	46821209	-	0.045658
Ppp2r5d	MmuINT0125388	chr17	46824595	46824785	-	0.020098
Ppp2r5d	MmuINT0125389	chr17	46824310	46824394	-	0.018876
Ppp2r5d	MmuINT0125390	chr17	46824076	46824198	-	0.019949
Ppp2r5d	MmuINT0125391	chr17	46823639	46823982	-	0.043486
Ppp2r5d	MmuINT0125392	chr17	46823381	46823507	-	0.030007
Ppp2r5d	MmuINT0125393	chr17	46823057	46823211	-	0.020582
Ppp2r5d	MmuINT0125394	chr17	46822639	46823002	-	0.040468
Ppp2r5e	MmuINT0125395	chr12	76694320	76696621	-	0.008442
Ppp2r5e	MmuINT0125396	chr12	76565981	76567614	-	0.018598
Ppp2r5e	MmuINT0125397	chr12	76563417	76565860	-	0.012908
Ppp2r5e	MmuINT0125398	chr12	76560777	76563288	-	0.010686
Ppp2r5e	MmuINT0125399	chr12	76554801	76560674	-	0.039593
Ppp2r5e	MmuINT0125400	chr12	76616786	76694155	-	0.005993
Ppp2r5e	MmuINT0125401	chr12	76594503	76616588	-	0.0217
Ppp2r5e	MmuINT0125402	chr12	76586212	76594400	-	0.011833
Ppp2r5e	MmuINT0125403	chr12	76570850	76586118	-	0.011557
Ppp2r5e	MmuINT0125404	chr12	76570589	76570718	-	0.009482
Ppp2r5e	MmuINT0125405	chr12	76569608	76570528	-	0.011185
Ppp2r5e	MmuINT0125406	chr12	76567833	76569498	-	0.013129
Ppp2r5e	MmuINT0125407	chr12	76567666	76567778	-	0.01077
Ppp3ca	MmuINT0125408	chr3	1.36E+08	1.36E+08	+	0.005188
Ppp3ca	MmuINT0125409	chr3	1.37E+08	1.37E+08	+	0.008851
Ppp3ca	MmuINT0125410	chr3	1.37E+08	1.37E+08	+	0.007111
Ppp3ca	MmuINT0125411	chr3	1.37E+08	1.37E+08	+	0.021611
Ppp3ca	MmuINT0125412	chr3	1.37E+08	1.37E+08	+	0.035405
Ppp3ca	MmuINT0125413	chr3	1.36E+08	1.37E+08	+	0.004475
Ppp3ca	MmuINT0125414	chr3	1.37E+08	1.37E+08	+	0.004126
Ppp3ca	MmuINT0125415	chr3	1.37E+08	1.37E+08	+	0.006369
Ppp3ca	MmuINT0125416	chr3	1.37E+08	1.37E+08	+	0.006208
Ppp3ca	MmuINT0125417	chr3	1.37E+08	1.37E+08	+	0.006326
Ppp3ca	MmuINT0125418	chr3	1.37E+08	1.37E+08	+	0.006609
Ppp3ca	MmuINT0125419	chr3	1.37E+08	1.37E+08	+	0.005187
Ppp3ca	MmuINT0125420	chr3	1.37E+08	1.37E+08	+	0.004483
Ppp3cb	MmuINT0125421	chr14	21351083	21365577	-	0.014269
Ppp3cb	MmuINT0125422	chr14	21328723	21334744	-	0.011023
Ppp3cb	MmuINT0125423	chr14	21327944	21328637	-	0.003663
Ppp3cb	MmuINT0125424	chr14	21322499	21327845	-	0.119422
Ppp3cb	MmuINT0125425	chr14	21320885	21322468	-	0.047396
Ppp3cb	MmuINT0125426	chr14	21350291	21350881	-	0.003932
Ppp3cb	MmuINT0125427	chr14	21347492	21350165	-	0.004249
Ppp3cb	MmuINT0125428	chr14	21343725	21347379	-	0.004046
Ppp3cb	MmuINT0125429	chr14	21343322	21343578	-	0.0034
Ppp3cb	MmuINT0125430	chr14	21343079	21343181	-	0.00506
Ppp3cb	MmuINT0125431	chr14	21342897	21343000	-	0.008886
Ppp3cb	MmuINT0125432	chr14	21339902	21342801	-	0.006583
Ppp3cb	MmuINT0125433	chr14	21334823	21339775	-	0.006
Ppp3cc	MmuINT0125434	chr14	70667314	70688987	-	0.00926
Ppp3cc	MmuINT0125435	chr14	70624856	70634946	-	0.036752

Ppp3cc	MmuINT0125436	chr14	70624215	70624773	-	0.020548
Ppp3cc	MmuINT0125437	chr14	70619854	70624116	-	0.012778
Ppp3cc	MmuINT0125438	chr14	70618085	70619823	-	0.013466
Ppp3cc	MmuINT0125439	chr14	70666562	70667115	-	0.006996
Ppp3cc	MmuINT0125440	chr14	70656279	70666436	-	0.006211
Ppp3cc	MmuINT0125441	chr14	70647527	70656166	-	0.012808
Ppp3cc	MmuINT0125442	chr14	70645800	70647380	-	0.006442
Ppp3cc	MmuINT0125443	chr14	70640789	70645659	-	0.006014
Ppp3cc	MmuINT0125444	chr14	70640631	70640710	-	0.010229
Ppp3cc	MmuINT0125445	chr14	70636411	70640535	-	0.006629
Ppp3cc	MmuINT0125446	chr14	70635016	70636284	-	0.009903
Ppp3r1	MmuINT0125447	chr11	17059546	17082109	+	0.004468
Ppp3r1	MmuINT0125448	chr11	17082150	17092959	+	0.003781
Ppp3r1	MmuINT0125449	chr11	17093137	17094219	+	0.004481
Ppp3r1	MmuINT0125450	chr11	17094280	17094671	+	0.003903
Ppp3r1	MmuINT0125451	chr11	17094857	17098261	+	0.008463
Ppp4c	MmuINT0125453	chr7	1.34E+08	1.34E+08	-	0.0767
Ppp4c	MmuINT0125454	chr7	1.34E+08	1.34E+08	-	0.065792
Ppp4c	MmuINT0125455	chr7	1.34E+08	1.34E+08	-	0.110388
Ppp4c	MmuINT0125456	chr7	1.34E+08	1.34E+08	-	0.035985
Ppp4c	MmuINT0125457	chr7	1.34E+08	1.34E+08	-	0.057691
Ppp4c	MmuINT0125458	chr7	1.34E+08	1.34E+08	-	0.009225
Ppp4c	MmuINT0125459	chr7	1.34E+08	1.34E+08	-	0.01019
Ppp4c	MmuINT0125460	chr7	1.34E+08	1.34E+08	-	0.020393
Ppp4r1	MmuINT0125462	chr17	66165391	66173599	+	0.034918
Ppp4r1	MmuINT0125463	chr17	66174130	66178714	+	0.007165
Ppp4r1	MmuINT0125464	chr17	66178888	66180336	+	0.031263
Ppp4r1	MmuINT0125465	chr17	66180433	66182293	+	0.008514
Ppp4r1	MmuINT0125466	chr17	66182480	66184322	+	0.007834
Ppp4r1	MmuINT0125468	chr17	66185424	66187023	+	0.013207
Ppp4r1	MmuINT0125469	chr17	66187145	66187229	+	0.007733
Ppp4r1	MmuINT0125470	chr17	66187365	66188157	+	0.014506
Ppp4r1	MmuINT0125471	chr17	66188300	66190196	+	0.015858
Ppp4r1	MmuINT0125473	chr17	66153307	66159877	+	0.010499
Ppp4r1	MmuINT0125474	chr17	66160021	66160582	+	0.008633
Ppp4r1	MmuINT0125475	chr17	66160730	66162797	+	0.007928
Ppp4r1	MmuINT0125476	chr17	66162906	66163027	+	0.020468
Ppp4r1	MmuINT0125477	chr17	66163094	66163645	+	0.009812
Ppp4r1	MmuINT0125478	chr17	66163805	66165262	+	0.007296
Ppp4r1l-ps	MmuINT0125480	chr2	1.73E+08	1.73E+08	-	0.046691
Ppp4r1l-ps	MmuINT0125481	chr2	1.73E+08	1.73E+08	-	0.041303
Ppp4r1l-ps	MmuINT0125482	chr2	1.73E+08	1.73E+08	-	0.05098
Ppp4r1l-ps	MmuINT0125483	chr2	1.73E+08	1.73E+08	-	0.90282
Ppp4r1l-ps	MmuINT0125486	chr2	1.73E+08	1.73E+08	-	0.092288
Ppp4r1l-ps	MmuINT0125488	chr2	1.73E+08	1.73E+08	-	0.046679
Ppp4r1l-ps	MmuINT0125489	chr2	1.73E+08	1.73E+08	-	0.813876
Ppp4r1l-ps	MmuINT0125490	chr2	1.73E+08	1.73E+08	-	0.286766
Ppp4r1l-ps	MmuINT0125491	chr2	1.73E+08	1.73E+08	-	0.896058
Ppp4r1l-ps	MmuINT0125492	chr2	1.73E+08	1.73E+08	-	0.114361
Ppp5c	MmuINT0125525	chr7	17608006	17613041	-	0.003337

Ppp5c	MmuINT0125526	chr7	17591588	17591680	-	0.009185
Ppp5c	MmuINT0125527	chr7	17590692	17591408	-	0.014078
Ppp5c	MmuINT0125528	chr7	17590521	17590609	-	0.00515
Ppp5c	MmuINT0125529	chr7	17600895	17607763	-	0.002579
Ppp5c	MmuINT0125530	chr7	17595346	17600746	-	0.003634
Ppp5c	MmuINT0125531	chr7	17594408	17595223	-	0.00919
Ppp5c	MmuINT0125532	chr7	17594062	17594341	-	0.065938
Ppp5c	MmuINT0125533	chr7	17593181	17593962	-	0.015271
Ppp5c	MmuINT0125534	chr7	17592596	17593074	-	0.001952
Ppp5c	MmuINT0125535	chr7	17592344	17592452	-	0.005473
Ppp5c	MmuINT0125536	chr7	17591722	17592255	-	0.008496
Ppp6c	MmuINT0125538	chr2	39062238	39066477	-	0.012377
Ppp6c	MmuINT0125539	chr2	39060495	39062171	-	0.006772
Ppp6c	MmuINT0125540	chr2	39055642	39060352	-	0.008626
Ppp6c	MmuINT0125541	chr2	39055393	39055561	-	0.005462
Ppp6c	MmuINT0125542	chr2	39053110	39055182	-	0.007826
Ppp6r1	MmuINT0125543	chr7	4598543	4610082	-	0.011339
Ppp6r1	MmuINT0125544	chr7	4591976	4592647	-	0.032257
Ppp6r1	MmuINT0125545	chr7	4591791	4591910	-	0.045295
Ppp6r1	MmuINT0125546	chr7	4591581	4591674	-	0.0129
Ppp6r1	MmuINT0125547	chr7	4591383	4591494	-	0.004547
Ppp6r1	MmuINT0125548	chr7	4591214	4591292	-	0.004454
Ppp6r1	MmuINT0125549	chr7	4587876	4591115	-	0.004065
Ppp6r1	MmuINT0125550	chr7	4587740	4587817	-	0.005265
Ppp6r1	MmuINT0125551	chr7	4585427	4587566	-	0.030726
Ppp6r1	MmuINT0125552	chr7	4585204	4585295	-	0.005874
Ppp6r1	MmuINT0125553	chr7	4584946	4585070	-	0.001746
Ppp6r1	MmuINT0125554	chr7	4595158	4598309	-	0.003409
Ppp6r1	MmuINT0125555	chr7	4584743	4584874	-	0.004077
Ppp6r1	MmuINT0125556	chr7	4584202	4584660	-	0.004605
Ppp6r1	MmuINT0125557	chr7	4584000	4584090	-	0.003832
Ppp6r1	MmuINT0125558	chr7	4583847	4583942	-	0.010633
Ppp6r1	MmuINT0125559	chr7	4594889	4594970	-	0.015162
Ppp6r1	MmuINT0125560	chr7	4594669	4594750	-	0.006294
Ppp6r1	MmuINT0125561	chr7	4593851	4594602	-	0.002961
Ppp6r1	MmuINT0125562	chr7	4593644	4593737	-	0.002722
Ppp6r1	MmuINT0125563	chr7	4593270	4593529	-	0.016684
Ppp6r1	MmuINT0125564	chr7	4593020	4593106	-	0.015136
Ppp6r1	MmuINT0125565	chr7	4592783	4592866	-	0.023734
Ppp6r2	MmuINT0125566	chr15	89096150	89098933	+	0.021927
Ppp6r2	MmuINT0125567	chr15	89099061	89100240	+	0.018643
Ppp6r2	MmuINT0125568	chr15	89100394	89104400	+	0.014696
Ppp6r2	MmuINT0125569	chr15	89104617	89105883	+	0.050376
Ppp6r2	MmuINT0125570	chr15	89105949	89107685	+	0.015895
Ppp6r2	MmuINT0125571	chr15	89107802	89109129	+	0.011507
Ppp6r2	MmuINT0125572	chr15	89109216	89110150	+	0.040317
Ppp6r2	MmuINT0125573	chr15	89110249	89110437	+	0.021323
Ppp6r2	MmuINT0125574	chr15	89110496	89110789	+	0.023649
Ppp6r2	MmuINT0125575	chr15	89110915	89111185	+	0.017611
Ppp6r2	MmuINT0125576	chr15	89111350	89112278	+	0.01344

Ppp6r2	MmuINT0125577	chr15	89112436	89112521	+	0.028152
Ppp6r2	MmuINT0125578	chr15	89112611	89113313	+	0.078675
Ppp6r2	MmuINT0125579	chr15	89113510	89116209	+	0.12704
Ppp6r2	MmuINT0125580	chr15	89116438	89116528	+	0.084758
Ppp6r2	MmuINT0125581	chr15	89095673	89096035	+	0.055029
Ppp6r2	MmuINT0125582	chr15	89042211	89072590	+	0.01225
Ppp6r2	MmuINT0125583	chr15	89072720	89073735	+	0.007359
Ppp6r2	MmuINT0125584	chr15	89073891	89076688	+	0.007887
Ppp6r2	MmuINT0125585	chr15	89076772	89083449	+	0.008625
Ppp6r2	MmuINT0125586	chr15	89083693	89087093	+	0.013372
Ppp6r2	MmuINT0125587	chr15	89087281	89089496	+	0.022541
Ppp6r3	MmuINT0125591	chr19	3544256	3575640	-	0.008419
Ppp6r3	MmuINT0125592	chr19	3492516	3493885	-	0.004979
Ppp6r3	MmuINT0125593	chr19	3490839	3492365	-	0.004826
Ppp6r3	MmuINT0125594	chr19	3487092	3490773	-	0.005286
Ppp6r3	MmuINT0125595	chr19	3484917	3486975	-	0.007932
Ppp6r3	MmuINT0125596	chr19	3473867	3484830	-	0.128215
Ppp6r3	MmuINT0125597	chr19	3471102	3471978	-	0.006052
Ppp6r3	MmuINT0125598	chr19	3469763	3470970	-	0.005662
Ppp6r3	MmuINT0125599	chr19	3467295	3469640	-	0.00813
Ppp6r3	MmuINT0125600	chr19	3466600	3467140	-	0.004371
Ppp6r3	MmuINT0125601	chr19	3526935	3544107	-	0.006018
Ppp6r3	MmuINT0125602	chr19	3464696	3466492	-	0.004391
Ppp6r3	MmuINT0125603	chr19	3459481	3464544	-	0.009602
Ppp6r3	MmuINT0125604	chr19	3457052	3459360	-	0.005572
Ppp6r3	MmuINT0125605	chr19	3521921	3526701	-	0.005215
Ppp6r3	MmuINT0125606	chr19	3518383	3521733	-	0.013227
Ppp6r3	MmuINT0125607	chr19	3514720	3518244	-	0.004941
Ppp6r3	MmuINT0125608	chr19	3512042	3514653	-	0.006269
Ppp6r3	MmuINT0125609	chr19	3507356	3511928	-	0.043821
Ppp6r3	MmuINT0125610	chr19	3496652	3507241	-	0.006091
Ppp6r3	MmuINT0125611	chr19	3494039	3496521	-	0.004011
Pppde1	MmuINT0125612	chr1	1.8E+08	1.8E+08	+	0.029663
Pppde1	MmuINT0125613	chr1	1.8E+08	1.8E+08	+	0.025038
Pppde1	MmuINT0125614	chr1	1.8E+08	1.8E+08	+	0.053381
Pppde1	MmuINT0125615	chr1	1.8E+08	1.8E+08	+	0.015603
Pppde2	MmuINT0125616	chr15	81834210	81846307	-	0.016099
Pppde2	MmuINT0125617	chr15	81833041	81834187	-	0.060243
Pppde2	MmuINT0125618	chr15	81830045	81832970	-	0.045594
Pppde2	MmuINT0125619	chr15	81828663	81829934	-	0.011526
Pppde2	MmuINT0125620	chr15	81825276	81828539	-	0.013597
Pprc1	MmuINT0125621	chr19	46131234	46135892	+	0.045766
Pprc1	MmuINT0125622	chr19	46145902	46146008	+	0.041331
Pprc1	MmuINT0125623	chr19	46146076	46146191	+	0.04474
Pprc1	MmuINT0125624	chr19	46146314	46146672	+	0.167706
Pprc1	MmuINT0125625	chr19	46146825	46147038	+	0.153511
Pprc1	MmuINT0125626	chr19	46136067	46136633	+	0.035906
Pprc1	MmuINT0125627	chr19	46136781	46136891	+	0.046039
Pprc1	MmuINT0125628	chr19	46136994	46137101	+	0.055766
Pprc1	MmuINT0125629	chr19	46139971	46140153	+	0.024239

Pprc1	MmuINT0125630	chr19	46140208	46141718	+	0.216028
Pprc1	MmuINT0125631	chr19	46141777	46142510	+	0.277092
Pprc1	MmuINT0125632	chr19	46142579	46143528	+	0.058796
Pprc1	MmuINT0125633	chr19	46144259	46145766	+	0.093294
Ppt1	MmuINT0125634	chr4	1.23E+08	1.23E+08	+	0.006921
Ppt1	MmuINT0125635	chr4	1.23E+08	1.23E+08	+	0.004029
Ppt1	MmuINT0125636	chr4	1.23E+08	1.23E+08	+	0.003913
Ppt1	MmuINT0125637	chr4	1.23E+08	1.23E+08	+	0.006243
Ppt1	MmuINT0125638	chr4	1.23E+08	1.23E+08	+	0.015962
Ppt1	MmuINT0125639	chr4	1.23E+08	1.23E+08	+	0.008766
Ppt1	MmuINT0125640	chr4	1.23E+08	1.23E+08	+	0.005399
Ppt1	MmuINT0125641	chr4	1.23E+08	1.23E+08	+	0.039519
Ppt2	MmuINT0125642	chr17	34763558	34763749	-	0.00314
Ppt2	MmuINT0125643	chr17	34762877	34763403	-	0.005156
Ppt2	MmuINT0125644	chr17	34762690	34762780	-	0.004034
Ppt2	MmuINT0125645	chr17	34760060	34762581	-	0.003935
Ppt2	MmuINT0125646	chr17	34759881	34759975	-	0.003781
Ppt2	MmuINT0125647	chr17	34754664	34759795	-	0.011902
Ppt2	MmuINT0125648	chr17	34754433	34754608	-	0.034634
Pptc7	MmuINT0125649	chr5	1.23E+08	1.23E+08	+	0.013689
Pptc7	MmuINT0125650	chr5	1.23E+08	1.23E+08	+	0.005537
Pptc7	MmuINT0125651	chr5	1.23E+08	1.23E+08	+	0.003232
Pptc7	MmuINT0125652	chr5	1.23E+08	1.23E+08	+	0.003624
Pptc7	MmuINT0125653	chr5	1.23E+08	1.23E+08	+	0.00295
Ppwd1	MmuINT0125654	chr13	1.05E+08	1.05E+08	-	0.218215
Ppwd1	MmuINT0125655	chr13	1.05E+08	1.05E+08	-	0.040256
Ppwd1	MmuINT0125656	chr13	1.05E+08	1.05E+08	-	0.067103
Ppwd1	MmuINT0125657	chr13	1.05E+08	1.05E+08	-	0.068616
Ppwd1	MmuINT0125658	chr13	1.05E+08	1.05E+08	-	0.029125
Ppwd1	MmuINT0125659	chr13	1.05E+08	1.05E+08	-	0.103844
Ppwd1	MmuINT0125660	chr13	1.05E+08	1.05E+08	-	0.096434
Ppwd1	MmuINT0125661	chr13	1.05E+08	1.05E+08	-	0.043906
Ppwd1	MmuINT0125663	chr13	1.05E+08	1.05E+08	-	0.038877
Pqbp1	MmuINT0125668	chrX	7475763	7476294	-	0.020968
Pqbp1	MmuINT0125669	chrX	7473539	7475676	-	0.030619
Pqbp1	MmuINT0125670	chrX	7473232	7473426	-	0.034651
Pqbp1	MmuINT0125671	chrX	7473009	7473118	-	0.007681
Pqbp1	MmuINT0125672	chrX	7472355	7472729	-	0.008003
Pqbp1	MmuINT0125673	chrX	7471994	7472290	-	0.04541
Pqlc1	MmuINT0125676	chr18	80453143	80453520	+	0.11088
Pqlc1	MmuINT0125677	chr18	80453858	80460158	+	0.02104
Pqlc1	MmuINT0125678	chr18	80460293	80469200	+	0.067493
Pqlc1	MmuINT0125679	chr18	80480232	80488314	+	0.686136
Pqlc2	MmuINT0125680	chr4	1.39E+08	1.39E+08	-	0.052094
Pqlc2	MmuINT0125681	chr4	1.39E+08	1.39E+08	-	0.019881
Pqlc2	MmuINT0125682	chr4	1.39E+08	1.39E+08	-	0.03416
Pqlc2	MmuINT0125683	chr4	1.39E+08	1.39E+08	-	0.036435
Pqlc2	MmuINT0125684	chr4	1.39E+08	1.39E+08	-	0.059867
Pqlc2	MmuINT0125685	chr4	1.39E+08	1.39E+08	-	0.029615
Pqlc2	MmuINT0125686	chr4	1.39E+08	1.39E+08	-	0.071004

Pqlc2	MmuINT0125687	chr4	1.39E+08	1.39E+08	-	0.07154
Pqlc3	MmuINT0125689	chr12	17004510	17004579	-	0.079698
Pqlc3	MmuINT0125691	chr12	17000380	17002419	-	0.408453
Pqlc3	MmuINT0125694	chr12	16996702	16999083	-	0.067777
Pramef8	MmuINT0125724	chr4	1.43E+08	1.43E+08	+	0.173885
Pramef8	MmuINT0125725	chr4	1.43E+08	1.43E+08	+	0.181562
Pramef8	MmuINT0125726	chr4	1.43E+08	1.43E+08	+	0.022199
Pramef8	MmuINT0125727	chr4	1.43E+08	1.43E+08	+	0.04072
Prc1	MmuINT0125752	chr7	87456067	87457102	+	0.076077
Prc1	MmuINT0125756	chr7	87446046	87449246	+	0.013733
Prc1	MmuINT0125761	chr7	87452582	87454278	+	0.049884
Prc1	MmuINT0125762	chr7	87454375	87455626	+	0.050645
Prcc	MmuINT0125763	chr3	87676180	87688796	-	0.012266
Prcc	MmuINT0125764	chr3	87674072	87676131	-	0.018541
Prcc	MmuINT0125765	chr3	87671333	87673504	-	0.007841
Prcc	MmuINT0125766	chr3	87666197	87671236	-	0.01833
Prcc	MmuINT0125767	chr3	87664134	87666052	-	0.006565
Prcc	MmuINT0125768	chr3	87663269	87664067	-	0.00623
Prcp	MmuINT0125769	chr7	1E+08	1E+08	+	0.018299
Prcp	MmuINT0125770	chr7	1E+08	1E+08	+	0.024931
Prcp	MmuINT0125771	chr7	1E+08	1E+08	+	0.019408
Prcp	MmuINT0125772	chr7	1E+08	1E+08	+	0.028565
Prcp	MmuINT0125773	chr7	1E+08	1E+08	+	0.018358
Prcp	MmuINT0125774	chr7	1E+08	1E+08	+	0.032911
Prcp	MmuINT0125775	chr7	1E+08	1E+08	+	0.031158
Prcp	MmuINT0125776	chr7	1E+08	1E+08	+	0.016048
Prdm10	MmuINT0125789	chr9	31166737	31167333	+	0.05738
Prdm15	MmuINT0125837	chr16	98017467	98019303	-	0.162196
Prdm16	MmuINT0125851	chr4	1.54E+08	1.54E+08	-	0.04825
Prdm16	MmuINT0125853	chr4	1.54E+08	1.54E+08	-	0.043388
Prdm2	MmuINT0125865	chr4	1.43E+08	1.43E+08	-	0.052756
Prdm2	MmuINT0125866	chr4	1.43E+08	1.43E+08	-	0.056751
Prdm2	MmuINT0125867	chr4	1.43E+08	1.43E+08	-	0.065747
Prdm2	MmuINT0125868	chr4	1.43E+08	1.43E+08	-	0.034295
Prdm2	MmuINT0125869	chr4	1.43E+08	1.43E+08	-	0.01557
Prdm2	MmuINT0125870	chr4	1.43E+08	1.43E+08	-	0.087667
Prdm2	MmuINT0125871	chr4	1.43E+08	1.43E+08	-	0.010409
Prdm4	MmuINT0125872	chr10	85379475	85379552	-	0.086259
Prdm4	MmuINT0125873	chr10	85362089	85363586	-	0.03384
Prdm4	MmuINT0125874	chr10	85356185	85361919	-	0.018789
Prdm4	MmuINT0125875	chr10	85375717	85379268	-	0.047096
Prdm4	MmuINT0125878	chr10	85368244	85370020	-	0.031289
Prdm4	MmuINT0125880	chr10	85365758	85366875	-	0.036665
Prdm4	MmuINT0125881	chr10	85364577	85365671	-	0.060533
Prdm4	MmuINT0125882	chr10	85363902	85364448	-	0.026424
Prdm5	MmuINT0125883	chr6	65729188	65744293	+	0.026052
Prdm5	MmuINT0125884	chr6	65831137	65833516	+	0.028272
Prdm5	MmuINT0125885	chr6	65833678	65836078	+	0.026983
Prdm5	MmuINT0125886	chr6	65836173	65851767	+	0.038436
Prdm5	MmuINT0125887	chr6	65851854	65877910	+	0.021508

Prdm5	MmuINT0125888	chr6	65878016	65885963	+	0.053329
Prdm5	MmuINT0125891	chr6	65806118	65807636	+	0.282027
Prdm5	MmuINT0125896	chr6	65820464	65831042	+	0.036452
Prdm9	MmuINT0125907	chr17	15699487	15699777	-	0.059958
Prdm9	MmuINT0125910	chr17	15692632	15694264	-	0.547679
Prdm9	MmuINT0125911	chr17	15692323	15692529	-	0.068654
Prdm9	MmuINT0125912	chr17	15691720	15692050	-	0.119235
Prdm9	MmuINT0125913	chr17	15690510	15691651	-	0.073768
Prdm9	MmuINT0125914	chr17	15682325	15690315	-	0.053594
Prdx1	MmuINT0125917	chr4	1.16E+08	1.16E+08	+	0.000038
Prdx2	MmuINT0125920	chr8	87493662	87494138	+	0.05462
Prdx2	MmuINT0125921	chr8	87494244	87494334	+	0.000249
Prdx2	MmuINT0125922	chr8	87494489	87495185	+	0.000527
Prdx2	MmuINT0125924	chr8	87495592	87497898	+	0.001311
Prdx3	MmuINT0125925	chr19	60949167	60950334	-	0.00059
Prdx3	MmuINT0125926	chr19	60947465	60949030	-	0.000346
Prdx3	MmuINT0125927	chr19	60946043	60947322	-	0.001189
Prdx3	MmuINT0125928	chr19	60943523	60945906	-	0.002625
Prdx3	MmuINT0125929	chr19	60941235	60943418	-	0.001208
Prdx4	MmuINT0125931	chrX	1.52E+08	1.52E+08	-	0.022933
Prdx4	MmuINT0125932	chrX	1.52E+08	1.52E+08	-	0.014116
Prdx4	MmuINT0125933	chrX	1.52E+08	1.52E+08	-	0.007856
Prdx4	MmuINT0125934	chrX	1.52E+08	1.52E+08	-	0.00573
Prdx4	MmuINT0125936	chrX	1.52E+08	1.52E+08	-	0.016077
Prdx5	MmuINT0125937	chr19	6982607	6983948	-	0.000597
Prdx5	MmuINT0125938	chr19	6982164	6982471	-	0.001162
Prdx5	MmuINT0125939	chr19	6981771	6982031	-	0.00296
Prdx5	MmuINT0125940	chr19	6981618	6981731	-	0.003178
Prdx5	MmuINT0125941	chr19	6981442	6981555	-	0.001308
Prdx6	MmuINT0125942	chr1	1.63E+08	1.63E+08	-	0.004185
Prdx6	MmuINT0125943	chr1	1.63E+08	1.63E+08	-	0.001011
Prdx6	MmuINT0125944	chr1	1.63E+08	1.63E+08	-	0.000501
Prdx6	MmuINT0125945	chr1	1.63E+08	1.63E+08	-	0.002905
Preb	MmuINT0125946	chr5	31261786	31262343	-	0.037819
Preb	MmuINT0125947	chr5	31261310	31261595	-	0.140672
Preb	MmuINT0125948	chr5	31260925	31261088	-	0.048842
Preb	MmuINT0125949	chr5	31260731	31260843	-	0.027385
Preb	MmuINT0125950	chr5	31260435	31260605	-	0.052922
Preb	MmuINT0125951	chr5	31258708	31260260	-	0.064287
Preb	MmuINT0125952	chr5	31258463	31258634	-	0.068378
Preb	MmuINT0125953	chr5	31258111	31258302	-	0.04993
Prelid1	MmuINT0125955	chr13	55424440	55425691	+	0.015774
Prelid1	MmuINT0125956	chr13	55425806	55425887	+	0.00703
Prelid2	MmuINT0125958	chr18	42097346	42110754	-	0.022396
Prelid2	MmuINT0125959	chr18	42094896	42097287	-	0.01905
Prelid2	MmuINT0125960	chr18	42092416	42094821	-	0.019928
Prelid2	MmuINT0125961	chr18	42072130	42092254	-	0.015095
Prelid2	MmuINT0125963	chr18	42035508	42040866	-	0.027985
Prelp	MmuINT0125964	chr1	1.36E+08	1.36E+08	-	0.008631
Prelp	MmuINT0125965	chr1	1.36E+08	1.36E+08	-	0.012229



Prep	MmuINT0125966	chr10	44787182	44791858	+	0.006183
Prep	MmuINT0125967	chr10	44845874	44867790	+	0.00493
Prep	MmuINT0125968	chr10	44867928	44870241	+	0.006637
Prep	MmuINT0125969	chr10	44870337	44872860	+	0.006506
Prep	MmuINT0125970	chr10	44872993	44875321	+	0.00425
Prep	MmuINT0125971	chr10	44875479	44878037	+	0.004558
Prep	MmuINT0125972	chr10	44791934	44810798	+	0.005849
Prep	MmuINT0125973	chr10	44810933	44812467	+	0.005321
Prep	MmuINT0125974	chr10	44812599	44814786	+	0.008585
Prep	MmuINT0125975	chr10	44814997	44817198	+	0.006157
Prep	MmuINT0125976	chr10	44817321	44827577	+	0.007866
Prep	MmuINT0125977	chr10	44827684	44834868	+	0.003537
Prep	MmuINT0125978	chr10	44835061	44840448	+	0.005195
Prep	MmuINT0125979	chr10	44840647	44845769	+	0.004038
Prepl	MmuINT0125981	chr17	85468442	85469767	-	0.004421
Prepl	MmuINT0125982	chr17	85465638	85468224	-	0.009203
Prepl	MmuINT0125983	chr17	85465096	85465487	-	0.004143
Prepl	MmuINT0125984	chr17	85464456	85464971	-	0.011401
Prepl	MmuINT0125985	chr17	85464074	85464381	-	0.012667
Prepl	MmuINT0125986	chr17	85481379	85482532	-	0.006986
Prepl	MmuINT0125987	chr17	85480611	85481311	-	0.006556
Prepl	MmuINT0125988	chr17	85477965	85480403	-	0.002804
Prepl	MmuINT0125989	chr17	85476166	85477828	-	0.019216
Prepl	MmuINT0125990	chr17	85475392	85475948	-	0.003051
Prepl	MmuINT0125991	chr17	85471450	85475205	-	0.006865
Prepl	MmuINT0125992	chr17	85469944	85471251	-	0.002486
Prex1	MmuINT0126008	chr2	1.66E+08	1.66E+08	-	0.072917
Prex1	MmuINT0126010	chr2	1.66E+08	1.66E+08	-	0.052845
Prex1	MmuINT0126011	chr2	1.66E+08	1.66E+08	-	0.04239
Prex1	MmuINT0126012	chr2	1.66E+08	1.66E+08	-	0.060695
Prex1	MmuINT0126013	chr2	1.66E+08	1.66E+08	-	0.064022
Prex1	MmuINT0126015	chr2	1.66E+08	1.66E+08	-	0.083764
Prex1	MmuINT0126019	chr2	1.66E+08	1.66E+08	-	0.06071
Prex1	MmuINT0126021	chr2	1.66E+08	1.66E+08	-	0.053238
Prex1	MmuINT0126023	chr2	1.66E+08	1.66E+08	-	0.053132
Prex1	MmuINT0126024	chr2	1.66E+08	1.66E+08	-	0.049253
Prex1	MmuINT0126025	chr2	1.66E+08	1.66E+08	-	0.051499
Prex1	MmuINT0126026	chr2	1.66E+08	1.66E+08	-	0.115481
Prex1	MmuINT0126032	chr2	1.66E+08	1.66E+08	-	0.07284
Prex2	MmuINT0126035	chr1	11256241	11275137	+	0.036702
Prex2	MmuINT0126036	chr1	11275241	11279333	+	0.04379
Prex2	MmuINT0126037	chr1	11279402	11287788	+	0.044724
Prex2	MmuINT0126058	chr1	11175294	11175967	+	0.053619
Prex2	MmuINT0126059	chr1	11176059	11176717	+	0.045327
Prex2	MmuINT0126061	chr1	11176847	11183593	+	0.034137
Prex2	MmuINT0126062	chr1	11183636	11189915	+	0.048267
Prex2	MmuINT0126063	chr1	11190134	11194146	+	0.034334
Prex2	MmuINT0126064	chr1	11194250	11198592	+	0.031762
Prex2	MmuINT0126065	chr1	11198737	11221762	+	0.035884
Prg4	MmuINT0126086	chr1	1.52E+08	1.52E+08	-	0.080809

Prg4	MmuINT0126087	chr1	1.52E+08	1.52E+08	-	0.20552
Prg4	MmuINT0126091	chr1	1.52E+08	1.52E+08	-	0.927096
Prg4	MmuINT0126094	chr1	1.52E+08	1.52E+08	-	0.057555
Prg4	MmuINT0126095	chr1	1.52E+08	1.52E+08	-	0.046858
Prickle1	MmuINT0126102	chr15	93341216	93342880	-	0.030742
Prickle1	MmuINT0126105	chr15	93335647	93338983	-	0.02239
Prickle1	MmuINT0126106	chr15	93334258	93335459	-	0.030214
Prickle1	MmuINT0126107	chr15	93331735	93333390	-	0.01861
Prickle3	MmuINT0126119	chrX	7235833	7236661	+	0.02934
Prickle3	MmuINT0126120	chrX	7236846	7240590	+	0.276568
Prickle3	MmuINT0126121	chrX	7240705	7240978	+	0.00873
Prickle3	MmuINT0126122	chrX	7241117	7242055	+	0.01054
Prickle3	MmuINT0126123	chrX	7242260	7242352	+	0.030084
Prickle3	MmuINT0126124	chrX	7242540	7243397	+	0.157733
Prickle3	MmuINT0126125	chrX	7243698	7244237	+	0.174144
Prim1	MmuINT0126135	chr10	1.27E+08	1.27E+08	+	0.026747
Prim2	MmuINT0126138	chr1	33725866	33726468	-	0.057742
Prim2	MmuINT0126140	chr1	33537386	33541526	-	0.057302
Prim2	MmuINT0126143	chr1	33723994	33725702	-	0.051161
Prkaa1	MmuINT0126155	chr15	5093996	5110602	+	0.022862
Prkaa1	MmuINT0126156	chr15	5110745	5114711	+	0.190387
Prkaa1	MmuINT0126157	chr15	5114806	5118567	+	0.03464
Prkaa1	MmuINT0126158	chr15	5118713	5119928	+	0.029808
Prkaa1	MmuINT0126159	chr15	5120017	5124207	+	0.021193
Prkaa1	MmuINT0126160	chr15	5124433	5126485	+	0.015596
Prkaa1	MmuINT0126161	chr15	5126973	5127078	+	0.021965
Prkaa1	MmuINT0126162	chr15	5127206	5128687	+	0.026218
Prkaa2	MmuINT0126163	chr4	1.05E+08	1.05E+08	-	0.0055
Prkaa2	MmuINT0126164	chr4	1.05E+08	1.05E+08	-	0.005037
Prkaa2	MmuINT0126165	chr4	1.05E+08	1.05E+08	-	0.0072
Prkaa2	MmuINT0126166	chr4	1.05E+08	1.05E+08	-	0.006713
Prkaa2	MmuINT0126167	chr4	1.05E+08	1.05E+08	-	0.004371
Prkaa2	MmuINT0126168	chr4	1.05E+08	1.05E+08	-	0.00287
Prkaa2	MmuINT0126169	chr4	1.05E+08	1.05E+08	-	0.005167
Prkaa2	MmuINT0126170	chr4	1.05E+08	1.05E+08	-	0.00785
Prkab1	MmuINT0126171	chr5	1.16E+08	1.16E+08	-	0.042981
Prkab1	MmuINT0126172	chr5	1.16E+08	1.16E+08	-	0.006007
Prkab1	MmuINT0126173	chr5	1.16E+08	1.16E+08	-	0.045691
Prkab1	MmuINT0126174	chr5	1.16E+08	1.16E+08	-	0.079252
Prkab1	MmuINT0126175	chr5	1.16E+08	1.16E+08	-	0.068863
Prkab1	MmuINT0126176	chr5	1.16E+08	1.16E+08	-	0.018174
Prkab2	MmuINT0126177	chr3	97462293	97462511	+	0.312274
Prkab2	MmuINT0126178	chr3	97462690	97466195	+	0.026677
Prkab2	MmuINT0126179	chr3	97466363	97467504	+	0.009916
Prkab2	MmuINT0126180	chr3	97467599	97467790	+	0.008689
Prkab2	MmuINT0126181	chr3	97467912	97470504	+	0.077586
Prkab2	MmuINT0126182	chr3	97470639	97471281	+	0.064728
Prkab2	MmuINT0126183	chr3	97471351	97473650	+	0.040773
Prkaca	MmuINT0126184	chr8	86497132	86504672	+	0.003289
Prkaca	MmuINT0126185	chr8	86504735	86505070	+	0.003988

Prkaca	MmuINT0126186	chr8	86505200	86510735	+	0.000613
Prkaca	MmuINT0126187	chr8	86510835	86512181	+	0.000654
Prkaca	MmuINT0126188	chr8	86512265	86514326	+	0.004346
Prkaca	MmuINT0126189	chr8	86514454	86514540	+	0.000884
Prkaca	MmuINT0126190	chr8	86514637	86514761	+	0.001778
Prkaca	MmuINT0126192	chr8	86518859	86519190	+	0.000175
Prkacb	MmuINT0126195	chr3	1.46E+08	1.46E+08	-	0.006235
Prkacb	MmuINT0126196	chr3	1.46E+08	1.46E+08	-	0.006725
Prkacb	MmuINT0126197	chr3	1.46E+08	1.46E+08	-	0.00922
Prkacb	MmuINT0126198	chr3	1.46E+08	1.46E+08	-	0.013155
Prkacb	MmuINT0126199	chr3	1.46E+08	1.46E+08	-	0.005458
Prkacb	MmuINT0126200	chr3	1.46E+08	1.46E+08	-	0.005359
Prkacb	MmuINT0126201	chr3	1.46E+08	1.46E+08	-	0.006507
Prkacb	MmuINT0126202	chr3	1.46E+08	1.46E+08	-	0.004304
Prkag1	MmuINT0126205	chr15	98656165	98661860	-	0.014086
Prkag1	MmuINT0126206	chr15	98644175	98644436	-	0.0217
Prkag1	MmuINT0126207	chr15	98643912	98644027	-	0.00395
Prkag1	MmuINT0126208	chr15	98646417	98656118	-	0.010659
Prkag1	MmuINT0126210	chr15	98645987	98646089	-	0.005844
Prkag1	MmuINT0126211	chr15	98645791	98645927	-	0.029281
Prkag1	MmuINT0126212	chr15	98645669	98645744	-	0.038219
Prkag1	MmuINT0126213	chr15	98645067	98645613	-	0.022216
Prkag1	MmuINT0126214	chr15	98644785	98644939	-	0.022083
Prkag1	MmuINT0126215	chr15	98644475	98644618	-	0.010063
Prkag2	MmuINT0126217	chr5	24534355	24605828	-	0.024602
Prkag2	MmuINT0126218	chr5	24379829	24380978	-	0.040615
Prkag2	MmuINT0126219	chr5	24377478	24379701	-	0.046373
Prkag2	MmuINT0126220	chr5	24376911	24377311	-	0.029116
Prkag2	MmuINT0126221	chr5	24375096	24376872	-	0.035892
Prkag2	MmuINT0126222	chr5	24371991	24374948	-	0.012816
Prkag2	MmuINT0126224	chr5	24527890	24534282	-	0.019339
Prkag2	MmuINT0126225	chr5	24453457	24527609	-	0.014787
Prkag2	MmuINT0126226	chr5	24386584	24394899	-	0.013317
Prkag2	MmuINT0126227	chr5	24384582	24386501	-	0.018295
Prkag2	MmuINT0126228	chr5	24382853	24384522	-	0.013472
Prkag2	MmuINT0126229	chr5	24381034	24382806	-	0.049276
Prkag3	MmuINT0126231	chr1	74788079	74791029	-	0.138509
Prkag3	MmuINT0126232	chr1	74787873	74788040	-	0.074145
Prkag3	MmuINT0126233	chr1	74787396	74787725	-	0.110909
Prkag3	MmuINT0126234	chr1	74786635	74787160	-	0.040531
Prkag3	MmuINT0126235	chr1	74794599	74795045	-	0.060462
Prkag3	MmuINT0126236	chr1	74794133	74794445	-	0.081491
Prkag3	MmuINT0126237	chr1	74792526	74793725	-	0.050171
Prkag3	MmuINT0126241	chr1	74791422	74791890	-	0.144717
Prkag3	MmuINT0126242	chr1	74791196	74791294	-	0.136409
Prkar1a	MmuINT0126243	chr11	1.1E+08	1.1E+08	+	0.002623
Prkar1a	MmuINT0126244	chr11	1.1E+08	1.1E+08	+	0.000614
Prkar1a	MmuINT0126245	chr11	1.1E+08	1.1E+08	+	0.002105
Prkar1a	MmuINT0126246	chr11	1.1E+08	1.1E+08	+	0.00118
Prkar1a	MmuINT0126247	chr11	1.1E+08	1.1E+08	+	0.00092

Prkar1a	MmuINT0126248	chr11	1.1E+08	1.1E+08	+	0.022786
Prkar1a	MmuINT0126249	chr11	1.1E+08	1.1E+08	+	0.018656
Prkar1a	MmuINT0126250	chr11	1.1E+08	1.1E+08	+	0.012472
Prkar1a	MmuINT0126251	chr11	1.1E+08	1.1E+08	+	0.000511
Prkar1a	MmuINT0126252	chr11	1.1E+08	1.1E+08	+	0.001869
Prkar2a	MmuINT0126263	chr9	1.09E+08	1.09E+08	+	0.005118
Prkar2a	MmuINT0126264	chr9	1.09E+08	1.09E+08	+	0.003103
Prkar2a	MmuINT0126265	chr9	1.09E+08	1.09E+08	+	0.005034
Prkar2a	MmuINT0126266	chr9	1.09E+08	1.09E+08	+	0.007333
Prkar2a	MmuINT0126267	chr9	1.09E+08	1.09E+08	+	0.003788
Prkar2a	MmuINT0126268	chr9	1.09E+08	1.09E+08	+	0.004939
Prkar2a	MmuINT0126269	chr9	1.09E+08	1.09E+08	+	0.004201
Prkar2a	MmuINT0126270	chr9	1.09E+08	1.09E+08	+	0.002626
Prkar2a	MmuINT0126271	chr9	1.09E+08	1.09E+08	+	0.00473
Prkar2a	MmuINT0126272	chr9	1.09E+08	1.09E+08	+	0.003829
Prkca	MmuINT0126283	chr11	1.08E+08	1.08E+08	-	0.047788
Prkca	MmuINT0126284	chr11	1.08E+08	1.08E+08	-	0.012405
Prkca	MmuINT0126285	chr11	1.08E+08	1.08E+08	-	0.014126
Prkca	MmuINT0126286	chr11	1.08E+08	1.08E+08	-	0.011688
Prkca	MmuINT0126287	chr11	1.08E+08	1.08E+08	-	0.033906
Prkca	MmuINT0126288	chr11	1.08E+08	1.08E+08	-	0.026977
Prkca	MmuINT0126289	chr11	1.08E+08	1.08E+08	-	0.008455
Prkca	MmuINT0126290	chr11	1.08E+08	1.08E+08	-	0.016711
Prkca	MmuINT0126291	chr11	1.08E+08	1.08E+08	-	0.017167
Prkca	MmuINT0126292	chr11	1.08E+08	1.08E+08	-	0.017508
Prkca	MmuINT0126293	chr11	1.08E+08	1.08E+08	-	0.01121
Prkca	MmuINT0126294	chr11	1.08E+08	1.08E+08	-	0.011527
Prkca	MmuINT0126295	chr11	1.08E+08	1.08E+08	-	0.008064
Prkca	MmuINT0126296	chr11	1.08E+08	1.08E+08	-	0.009648
Prkca	MmuINT0126297	chr11	1.08E+08	1.08E+08	-	0.00871
Prkca	MmuINT0126298	chr11	1.08E+08	1.08E+08	-	0.006648
Prkcc	MmuINT0126315	chr7	3304086	3304431	+	0.052688
Prkcc	MmuINT0126317	chr7	3320020	3322639	+	0.065099
Prkcc	MmuINT0126318	chr7	3322732	3322816	+	0.079087
Prkcc	MmuINT0126319	chr7	3322880	3323755	+	0.058294
Prkcc	MmuINT0126320	chr7	3323895	3327724	+	0.068296
Prkcc	MmuINT0126321	chr7	3327806	3329343	+	0.043424
Prkcc	MmuINT0126322	chr7	3329452	3330136	+	0.054612
Prkcc	MmuINT0126323	chr7	3330278	3330454	+	0.077025
Prkcc	MmuINT0126326	chr7	3310932	3311091	+	0.061461
Prkcc	MmuINT0126327	chr7	3311224	3312644	+	0.097085
Prkcc	MmuINT0126328	chr7	3312802	3313953	+	0.601206
Prkcd	MmuINT0126332	chr14	31422488	31423373	-	0.018397
Prkcd	MmuINT0126333	chr14	31415393	31415499	-	0.02257
Prkcd	MmuINT0126334	chr14	31415038	31415218	-	0.028256
Prkcd	MmuINT0126335	chr14	31414418	31414945	-	0.070543
Prkcd	MmuINT0126336	chr14	31412935	31414354	-	0.160548
Prkcd	MmuINT0126337	chr14	31412693	31412795	-	0.032041
Prkcd	MmuINT0126338	chr14	31412033	31412503	-	0.023052
Prkcd	MmuINT0126339	chr14	31409212	31411903	-	0.026627

Prkcd	MmuINT0126340	chr14	31420855	31422287	-	0.024736
Prkcd	MmuINT0126341	chr14	31420637	31420793	-	0.025962
Prkcd	MmuINT0126342	chr14	31420381	31420473	-	0.023849
Prkcd	MmuINT0126343	chr14	31419088	31420348	-	0.194298
Prkcd	MmuINT0126344	chr14	31418756	31419001	-	0.22636
Prkcd	MmuINT0126345	chr14	31417394	31418625	-	0.019991
Prkcd	MmuINT0126346	chr14	31416014	31417292	-	0.014312
Prkcdbp	MmuINT0126348	chr7	1.13E+08	1.13E+08	-	0.065616
Prkce	MmuINT0126349	chr17	86568281	86752894	+	0.012188
Prkce	MmuINT0126350	chr17	86895452	86958490	+	0.01236
Prkce	MmuINT0126351	chr17	86958646	87019231	+	0.009347
Prkce	MmuINT0126352	chr17	87019371	87024664	+	0.012566
Prkce	MmuINT0126353	chr17	87024854	87029400	+	0.007992
Prkce	MmuINT0126354	chr17	87029548	87053880	+	0.007612
Prkce	MmuINT0126356	chr17	86873817	86874854	+	0.012207
Prkce	MmuINT0126358	chr17	86876232	86881459	+	0.018303
Prkce	MmuINT0126359	chr17	86881590	86887499	+	0.015859
Prkce	MmuINT0126360	chr17	86887643	86890090	+	0.012956
Prkce	MmuINT0126361	chr17	86890188	86892560	+	0.012829
Prkce	MmuINT0126362	chr17	86892761	86895277	+	0.011804
Prkch	MmuINT0126363	chr12	74686513	74750278	+	0.028414
Prkch	MmuINT0126364	chr12	74822878	74859872	+	0.028951
Prkch	MmuINT0126365	chr12	74860012	74860539	+	0.015105
Prkch	MmuINT0126366	chr12	74860729	74876376	+	0.051646
Prkch	MmuINT0126367	chr12	74876521	74877898	+	0.102339
Prkch	MmuINT0126368	chr12	74750343	74792534	+	0.024838
Prkch	MmuINT0126369	chr12	74792686	74793918	+	0.022729
Prkch	MmuINT0126370	chr12	74793954	74797173	+	0.032395
Prkch	MmuINT0126371	chr12	74797263	74798903	+	0.026037
Prkch	MmuINT0126372	chr12	74799034	74801167	+	0.032005
Prkch	MmuINT0126373	chr12	74801296	74803424	+	0.024575
Prkch	MmuINT0126374	chr12	74803569	74803725	+	0.020794
Prkch	MmuINT0126375	chr12	74803900	74822722	+	0.035904
Prkci	MmuINT0126376	chr3	30895008	30917471	+	0.038792
Prkci	MmuINT0126377	chr3	30937470	30937950	+	0.019989
Prkci	MmuINT0126378	chr3	30938038	30938289	+	0.029261
Prkci	MmuINT0126379	chr3	30938426	30940363	+	0.070797
Prkci	MmuINT0126380	chr3	30940452	30942612	+	0.059539
Prkci	MmuINT0126381	chr3	30942739	30943803	+	0.073785
Prkci	MmuINT0126382	chr3	30943884	30945394	+	0.030257
Prkci	MmuINT0126383	chr3	30945485	30945893	+	0.040753
Prkci	MmuINT0126384	chr3	30946010	30949111	+	0.029851
Prkci	MmuINT0126385	chr3	30917594	30924051	+	0.032897
Prkci	MmuINT0126386	chr3	30924142	30925174	+	0.038979
Prkci	MmuINT0126387	chr3	30925226	30928407	+	0.071676
Prkci	MmuINT0126388	chr3	30928494	30930005	+	0.049098
Prkci	MmuINT0126389	chr3	30930147	30932099	+	0.027466
Prkci	MmuINT0126390	chr3	30932152	30933420	+	0.03881
Prkci	MmuINT0126391	chr3	30933480	30936767	+	0.026678
Prkci	MmuINT0126392	chr3	30936945	30937371	+	0.023252

Prkcsh	MmuINT0126410	chr9	21807533	21807842	+	0.006196
Prkcsh	MmuINT0126411	chr9	21815698	21815881	+	0.013881
Prkcsh	MmuINT0126412	chr9	21816020	21816117	+	0.18113
Prkcsh	MmuINT0126413	chr9	21816215	21816477	+	0.029526
Prkcsh	MmuINT0126414	chr9	21816548	21816662	+	0.023767
Prkcsh	MmuINT0126415	chr9	21816753	21817122	+	0.034455
Prkcsh	MmuINT0126416	chr9	21817198	21817279	+	0.015954
Prkcsh	MmuINT0126417	chr9	21817380	21817459	+	0.010357
Prkcsh	MmuINT0126418	chr9	21817611	21818355	+	0.016135
Prkcsh	MmuINT0126419	chr9	21807982	21808120	+	0.00377
Prkcsh	MmuINT0126420	chr9	21808238	21808941	+	0.005687
Prkcsh	MmuINT0126421	chr9	21809038	21809134	+	0.004794
Prkcsh	MmuINT0126422	chr9	21809193	21810983	+	0.017907
Prkcsh	MmuINT0126423	chr9	21811102	21812687	+	0.006446
Prkcsh	MmuINT0126424	chr9	21812818	21814600	+	0.007218
Prkcsh	MmuINT0126425	chr9	21814686	21814967	+	0.009679
Prkcsh	MmuINT0126426	chr9	21815047	21815610	+	0.027355
Prkcz	MmuINT0126438	chr4	1.55E+08	1.55E+08	-	0.047757
Prkcz	MmuINT0126444	chr4	1.55E+08	1.55E+08	-	0.017614
Prkd1	MmuINT0126447	chr12	51488256	51489239	-	0.067534
Prkd1	MmuINT0126448	chr12	51486203	51488202	-	0.049479
Prkd1	MmuINT0126453	chr12	51444127	51465498	-	0.05776
Prkd1	MmuINT0126454	chr12	51443208	51444040	-	0.0251
Prkd2	MmuINT0126463	chr7	17429213	17431167	+	0.048301
Prkd2	MmuINT0126464	chr7	17441303	17441608	+	0.015407
Prkd2	MmuINT0126465	chr7	17441662	17442174	+	0.05505
Prkd2	MmuINT0126466	chr7	17442248	17443099	+	0.029442
Prkd2	MmuINT0126467	chr7	17443207	17443727	+	0.055148
Prkd2	MmuINT0126468	chr7	17443890	17449289	+	0.083139
Prkd2	MmuINT0126469	chr7	17449389	17451035	+	0.051637
Prkd2	MmuINT0126470	chr7	17451304	17454836	+	0.09756
Prkd2	MmuINT0126471	chr7	17454923	17455171	+	0.166397
Prkd2	MmuINT0126472	chr7	17431307	17432949	+	0.024829
Prkd2	MmuINT0126473	chr7	17433082	17434073	+	0.054563
Prkd2	MmuINT0126474	chr7	17434229	17434329	+	0.024875
Prkd2	MmuINT0126475	chr7	17434556	17435373	+	0.022632
Prkd2	MmuINT0126476	chr7	17435452	17435542	+	0.02855
Prkd2	MmuINT0126477	chr7	17435697	17438603	+	0.028931
Prkd2	MmuINT0126478	chr7	17438722	17439299	+	0.016627
Prkd2	MmuINT0126479	chr7	17439378	17441043	+	0.01422
Prkd3	MmuINT0126480	chr17	79412882	79420024	-	0.052852
Prkd3	MmuINT0126483	chr17	79361920	79365514	-	0.04764
Prkd3	MmuINT0126484	chr17	79358479	79360450	-	0.061108
Prkd3	MmuINT0126485	chr17	79356644	79358371	-	0.023907
Prkd3	MmuINT0126486	chr17	79355961	79356481	-	0.020802
Prkd3	MmuINT0126487	chr17	79354082	79355861	-	0.037573
Prkd3	MmuINT0126488	chr17	79352103	79353813	-	0.117312
Prkd3	MmuINT0126489	chr17	79351371	79352016	-	0.029632
Prkd3	MmuINT0126492	chr17	79374908	79381113	-	0.021169
Prkd3	MmuINT0126493	chr17	79374153	79374714	-	0.024557

Prkd3	MmuINT0126495	chr17	79370824	79371742	-	0.029536
Prkd3	MmuINT0126496	chr17	79367458	79370699	-	0.03811
Prkd3	MmuINT0126497	chr17	79365792	79367379	-	0.040472
Prkdc	MmuINT0126556	chr16	15779651	15783149	+	0.046319
Prkdc	MmuINT0126567	chr16	15809885	15810797	+	0.0533
Prkdc	MmuINT0126568	chr16	15810944	15815984	+	0.060361
Prkdc	MmuINT0126569	chr16	15816197	15816663	+	0.056928
Prkdc	MmuINT0126570	chr16	15816752	15816843	+	0.064631
Prkdc	MmuINT0126571	chr16	15816988	15829708	+	0.034235
Prkdc	MmuINT0126572	chr16	15829914	15831363	+	0.116624
Prkdc	MmuINT0126573	chr16	15831432	15833768	+	0.038857
Prkdc	MmuINT0126574	chr16	15833990	15834239	+	0.047632
Prkdc	MmuINT0126577	chr16	15835335	15835982	+	0.054299
Prkdc	MmuINT0126578	chr16	15836055	15836124	+	0.067895
Prkdc	MmuINT0126579	chr16	15836327	15838055	+	0.032724
Prkdc	MmuINT0126580	chr16	15838245	15839177	+	0.044453
Prkdc	MmuINT0126581	chr16	15839318	15841863	+	0.041283
Prkg1	MmuINT0126585	chr19	30669572	30699171	-	0.027617
Prkg1	MmuINT0126586	chr19	30667428	30669431	-	0.028171
Prkg1	MmuINT0126587	chr19	30660898	30667337	-	0.027664
Prkg1	MmuINT0126588	chr19	30659793	30660755	-	0.029108
Prkg1	MmuINT0126589	chr19	30653371	30659628	-	0.032518
Prkg1	MmuINT0126590	chr19	30653163	30653247	-	0.028429
Prkg1	MmuINT0126591	chr19	30646169	30653099	-	0.033603
Prkg1	MmuINT0126592	chr19	30643827	30646101	-	0.047457
Prkg1	MmuINT0126593	chr19	31376890	31660056	-	0.082026
Prkg1	MmuINT0126594	chr19	31067653	31376775	-	0.064018
Prkg1	MmuINT0126595	chr19	30969186	31067546	-	0.037132
Prkg1	MmuINT0126596	chr19	30861462	30969121	-	0.051735
Prkg1	MmuINT0126597	chr19	30855880	30861383	-	0.047792
Prkg1	MmuINT0126598	chr19	30798716	30855784	-	0.045592
Prkg1	MmuINT0126599	chr19	30771448	30798649	-	0.051686
Prkg1	MmuINT0126600	chr19	30699269	30771372	-	0.061678
Prkra	MmuINT0126619	chr2	76485352	76485848	-	0.012545
Prkra	MmuINT0126620	chr2	76481362	76485181	-	0.014771
Prkra	MmuINT0126621	chr2	76478377	76481279	-	0.065129
Prkra	MmuINT0126622	chr2	76477375	76478297	-	0.011114
Prkra	MmuINT0126623	chr2	76474947	76477256	-	0.011572
Prkra	MmuINT0126624	chr2	76471765	76474851	-	0.026908
Prkra	MmuINT0126625	chr2	76468626	76471589	-	0.055271
Prkrip1	MmuINT0126626	chr5	1.37E+08	1.37E+08	-	0.011978
Prkrip1	MmuINT0126627	chr5	1.37E+08	1.37E+08	-	0.038004
Prkrip1	MmuINT0126628	chr5	1.37E+08	1.37E+08	-	0.000769
Prkrip1	MmuINT0126629	chr5	1.37E+08	1.37E+08	-	0.01982
Prkrip1	MmuINT0126630	chr5	1.37E+08	1.37E+08	-	0.008649
Prkrir	MmuINT0126631	chr7	1.06E+08	1.06E+08	+	0.005476
Prkrir	MmuINT0126632	chr7	1.06E+08	1.06E+08	+	0.005078
Prkrir	MmuINT0126633	chr7	1.06E+08	1.06E+08	+	0.003523
Prkrir	MmuINT0126634	chr7	1.06E+08	1.06E+08	+	0.033239
Prkx	MmuINT0126635	chrX	75031636	75040886	-	0.012041

Prkx	MmuINT0126636	chrX	75027641	75031466	-	0.015317
Prkx	MmuINT0126637	chrX	75018575	75027376	-	0.011775
Prkx	MmuINT0126638	chrX	75016682	75018454	-	0.023231
Prkx	MmuINT0126639	chrX	75010746	75016585	-	0.065707
Prkx	MmuINT0126640	chrX	75009990	75010687	-	0.081473
Prkx	MmuINT0126641	chrX	75009594	75009911	-	0.056117
Prkx	MmuINT0126642	chrX	75009231	75009444	-	0.018137
Prmt1	MmuINT0126766	chr7	52239504	52241652	-	0.028903
Prmt1	MmuINT0126767	chr7	52232354	52232873	-	0.010314
Prmt1	MmuINT0126768	chr7	52238958	52239449	-	0.042207
Prmt1	MmuINT0126769	chr7	52237264	52238855	-	0.001735
Prmt1	MmuINT0126770	chr7	52237021	52237107	-	0.003121
Prmt1	MmuINT0126771	chr7	52234896	52236956	-	0.037763
Prmt1	MmuINT0126772	chr7	52234341	52234752	-	0.01534
Prmt1	MmuINT0126773	chr7	52234161	52234252	-	0.006259
Prmt1	MmuINT0126775	chr7	52232996	52233496	-	0.007783
Prmt10	MmuINT0126776	chr8	80073636	80079563	+	0.056102
Prmt10	MmuINT0126777	chr8	80101391	80104524	+	0.033533
Prmt10	MmuINT0126778	chr8	80104648	80104932	+	0.016869
Prmt10	MmuINT0126779	chr8	80079713	80082777	+	0.018286
Prmt10	MmuINT0126780	chr8	80083015	80084705	+	0.018672
Prmt10	MmuINT0126781	chr8	80084874	80086312	+	0.040525
Prmt10	MmuINT0126782	chr8	80086416	80087874	+	0.081001
Prmt10	MmuINT0126783	chr8	80087982	80088852	+	0.021726
Prmt10	MmuINT0126784	chr8	80089046	80092073	+	0.017873
Prmt10	MmuINT0126785	chr8	80092258	80095907	+	0.039746
Prmt10	MmuINT0126786	chr8	80096626	80101236	+	0.049183
Prmt2	MmuINT0126788	chr10	75670539	75671156	-	0.041661
Prmt2	MmuINT0126789	chr10	75689061	75699456	-	0.021201
Prmt2	MmuINT0126790	chr10	75688216	75688934	-	0.011521
Prmt2	MmuINT0126791	chr10	75685356	75688032	-	0.014102
Prmt2	MmuINT0126792	chr10	75683908	75685193	-	0.013287
Prmt2	MmuINT0126793	chr10	75680235	75683742	-	0.016653
Prmt2	MmuINT0126794	chr10	75673273	75680058	-	0.014301
Prmt2	MmuINT0126795	chr10	75672220	75673142	-	0.012616
Prmt2	MmuINT0126796	chr10	75671329	75672082	-	0.060472
Prmt3	MmuINT0126797	chr7	57033872	57033950	+	0.015597
Prmt3	MmuINT0126798	chr7	57061997	57073401	+	0.021877
Prmt3	MmuINT0126799	chr7	57073481	57082077	+	0.01672
Prmt3	MmuINT0126800	chr7	57082266	57084313	+	0.029212
Prmt3	MmuINT0126801	chr7	57084401	57103864	+	0.021427
Prmt3	MmuINT0126802	chr7	57103916	57104106	+	0.023817
Prmt3	MmuINT0126803	chr7	57104195	57112736	+	0.011582
Prmt3	MmuINT0126804	chr7	57034084	57035678	+	0.041067
Prmt3	MmuINT0126805	chr7	57035762	57036490	+	0.040912
Prmt3	MmuINT0126806	chr7	57036541	57037311	+	0.029392
Prmt3	MmuINT0126807	chr7	57037415	57041436	+	0.106239
Prmt3	MmuINT0126808	chr7	57041597	57042602	+	0.010966
Prmt3	MmuINT0126809	chr7	57042745	57047342	+	0.018614
Prmt3	MmuINT0126810	chr7	57047409	57053675	+	0.018253



Prmt3	MmuINT0126811	chr7	57053798	57061896	+	0.014778
Prmt5	MmuINT0126812	chr14	55135453	55136083	-	0.051142
Prmt5	MmuINT0126813	chr14	55130101	55130184	-	0.010109
Prmt5	MmuINT0126814	chr14	55129892	55129977	-	0.010251
Prmt5	MmuINT0126815	chr14	55128781	55129715	-	0.021112
Prmt5	MmuINT0126816	chr14	55128475	55128670	-	0.015379
Prmt5	MmuINT0126817	chr14	55128243	55128380	-	0.006125
Prmt5	MmuINT0126818	chr14	55127794	55128125	-	0.007893
Prmt5	MmuINT0126819	chr14	55126785	55127728	-	0.016509
Prmt5	MmuINT0126820	chr14	55135029	55135333	-	0.023797
Prmt5	MmuINT0126821	chr14	55134275	55134942	-	0.007623
Prmt5	MmuINT0126822	chr14	55133725	55134139	-	0.004159
Prmt5	MmuINT0126823	chr14	55133484	55133611	-	0.007527
Prmt5	MmuINT0126824	chr14	55132292	55133433	-	0.010964
Prmt5	MmuINT0126825	chr14	55130992	55132127	-	0.012453
Prmt5	MmuINT0126826	chr14	55130417	55130829	-	0.008387
Prmt5	MmuINT0126827	chr14	55130244	55130338	-	0.014676
Prmt6	MmuINT0126828	chr3	1.1E+08	1.1E+08	-	0.267434
Prmt7	MmuINT0126829	chr8	1.09E+08	1.09E+08	+	0.009484
Prmt7	MmuINT0126830	chr8	1.09E+08	1.09E+08	+	0.009608
Prmt7	MmuINT0126831	chr8	1.09E+08	1.09E+08	+	0.022144
Prmt7	MmuINT0126832	chr8	1.09E+08	1.09E+08	+	0.022797
Prmt7	MmuINT0126833	chr8	1.09E+08	1.09E+08	+	0.007215
Prmt7	MmuINT0126834	chr8	1.09E+08	1.09E+08	+	0.006868
Prmt7	MmuINT0126835	chr8	1.09E+08	1.09E+08	+	0.005715
Prmt7	MmuINT0126836	chr8	1.09E+08	1.09E+08	+	0.005895
Prmt7	MmuINT0126837	chr8	1.09E+08	1.09E+08	+	0.007404
Prmt7	MmuINT0126838	chr8	1.09E+08	1.09E+08	+	0.00818
Prmt7	MmuINT0126839	chr8	1.09E+08	1.09E+08	+	0.007912
Prmt7	MmuINT0126840	chr8	1.09E+08	1.09E+08	+	0.00729
Prmt7	MmuINT0126841	chr8	1.09E+08	1.09E+08	+	0.006362
Prmt7	MmuINT0126842	chr8	1.09E+08	1.09E+08	+	0.007265
Prmt7	MmuINT0126843	chr8	1.09E+08	1.09E+08	+	0.005853
Prmt7	MmuINT0126844	chr8	1.09E+08	1.09E+08	+	0.022124
Prmt7	MmuINT0126845	chr8	1.09E+08	1.09E+08	+	0.007819
Prnd	MmuINT0126855	chr2	1.32E+08	1.32E+08	+	0.769814
Prnp	MmuINT0126856	chr2	1.32E+08	1.32E+08	+	0.005921
Prnp	MmuINT0126857	chr2	1.32E+08	1.32E+08	+	0.001703
Procr	MmuINT0126874	chr2	1.56E+08	1.56E+08	+	0.162485
Prodh	MmuINT0126875	chr16	18084849	18088980	-	0.027567
Prodh	MmuINT0126876	chr16	18076511	18077536	-	0.109426
Prodh	MmuINT0126877	chr16	18073747	18076334	-	0.070784
Prodh	MmuINT0126878	chr16	18072632	18073647	-	0.061351
Prodh	MmuINT0126879	chr16	18072457	18072542	-	0.052093
Prodh	MmuINT0126880	chr16	18081659	18084639	-	0.145101
Prodh	MmuINT0126881	chr16	18081169	18081623	-	0.099132
Prodh	MmuINT0126882	chr16	18080621	18081018	-	0.228359
Prodh	MmuINT0126883	chr16	18080376	18080555	-	0.239813
Prodh	MmuINT0126884	chr16	18080085	18080258	-	0.072501
Prodh	MmuINT0126885	chr16	18079362	18080004	-	0.082708

Prodh	MmuINT0126886	chr16	18077977	18079279	-	0.21441
Prodh	MmuINT0126887	chr16	18077684	18077883	-	0.228774
Prorsd1	MmuINT0126967	chr11	29413677	29414916	-	0.008173
Pros1	MmuINT0126968	chr16	62854331	62885226	+	0.029158
Pros1	MmuINT0126969	chr16	62913814	62917900	+	0.019459
Pros1	MmuINT0126970	chr16	62918069	62919338	+	0.021921
Pros1	MmuINT0126971	chr16	62919508	62924341	+	0.020637
Pros1	MmuINT0126972	chr16	62924491	62926153	+	0.01677
Pros1	MmuINT0126973	chr16	62926380	62927858	+	0.016728
Pros1	MmuINT0126974	chr16	62885385	62888806	+	0.025594
Pros1	MmuINT0126975	chr16	62888832	62898701	+	0.047928
Pros1	MmuINT0126976	chr16	62898789	62900151	+	0.039892
Pros1	MmuINT0126977	chr16	62900275	62900378	+	0.024334
Pros1	MmuINT0126978	chr16	62900511	62903317	+	0.020202
Pros1	MmuINT0126979	chr16	62903444	62907487	+	0.036389
Pros1	MmuINT0126980	chr16	62907610	62909823	+	0.024428
Pros1	MmuINT0126981	chr16	62909940	62913623	+	0.020368
Prosapip1	MmuINT0126983	chr2	1.3E+08	1.3E+08	-	0.061552
Prosapip1	MmuINT0126985	chr2	1.3E+08	1.3E+08	-	0.05195
Prosc	MmuINT0126987	chr8	28153186	28155499	+	0.093775
Prosc	MmuINT0126988	chr8	28155608	28155869	+	0.004429
Prosc	MmuINT0126989	chr8	28155906	28156395	+	0.009328
Prosc	MmuINT0126990	chr8	28156472	28159645	+	0.029045
Prosc	MmuINT0126991	chr8	28161874	28162707	+	0.039375
Prosc	MmuINT0126992	chr8	28162807	28163757	+	0.029972
Prox1	MmuINT0126993	chr1	1.92E+08	1.92E+08	-	0.028967
Prox1	MmuINT0126994	chr1	1.92E+08	1.92E+08	-	0.015988
Prox1	MmuINT0126995	chr1	1.92E+08	1.92E+08	-	0.007101
Prox1	MmuINT0126996	chr1	1.92E+08	1.92E+08	-	0.014552
Prpf18	MmuINT0127009	chr2	4569365	4572961	-	0.005858
Prpf18	MmuINT0127010	chr2	4566720	4569286	-	0.011287
Prpf18	MmuINT0127011	chr2	4564811	4566614	-	0.003664
Prpf18	MmuINT0127012	chr2	4560042	4564696	-	0.006854
Prpf18	MmuINT0127013	chr2	4558263	4559894	-	0.034943
Prpf18	MmuINT0127014	chr2	4557015	4558193	-	0.005403
Prpf18	MmuINT0127015	chr2	4556749	4556873	-	0.008495
Prpf18	MmuINT0127016	chr2	4554635	4556676	-	0.014112
Prpf18	MmuINT0127017	chr2	4545573	4554478	-	0.00213
Prpf19	MmuINT0127018	chr19	10969959	10971992	+	0.000625
Prpf19	MmuINT0127019	chr19	10975527	10976833	+	0.0024
Prpf19	MmuINT0127020	chr19	10976990	10977191	+	0.010748
Prpf19	MmuINT0127021	chr19	10977262	10977457	+	0.000633
Prpf19	MmuINT0127022	chr19	10977544	10977780	+	0.000886
Prpf19	MmuINT0127023	chr19	10977952	10978127	+	0.000311
Prpf19	MmuINT0127024	chr19	10978234	10979524	+	0.00107
Prpf19	MmuINT0127025	chr19	10972143	10972306	+	0.000183
Prpf19	MmuINT0127027	chr19	10973615	10973694	+	0.005504
Prpf19	MmuINT0127028	chr19	10973769	10973859	+	0.003145
Prpf19	MmuINT0127030	chr19	10974707	10974813	+	0.001492
Prpf19	MmuINT0127031	chr19	10974889	10975179	+	0.002496

Prpf19	MmuINT0127032	chr19	10975256	10975416	+	0.00071
Prpf3	MmuINT0127035	chr3	95639391	95639566	-	0.040679
Prpf3	MmuINT0127036	chr3	95638126	95639276	-	0.052558
Prpf3	MmuINT0127037	chr3	95637760	95638006	-	0.056821
Prpf3	MmuINT0127038	chr3	95636546	95637675	-	0.163056
Prpf3	MmuINT0127039	chr3	95634889	95636483	-	0.016065
Prpf3	MmuINT0127040	chr3	95655617	95657366	-	0.020281
Prpf3	MmuINT0127041	chr3	95652985	95655485	-	0.02072
Prpf3	MmuINT0127042	chr3	95651772	95652837	-	0.015718
Prpf3	MmuINT0127043	chr3	95651519	95651687	-	0.004971
Prpf3	MmuINT0127044	chr3	95649155	95651297	-	0.011894
Prpf3	MmuINT0127045	chr3	95648276	95648847	-	0.00786
Prpf3	MmuINT0127047	chr3	95640481	95644592	-	0.007726
Prpf31	MmuINT0127048	chr7	3581659	3582159	+	0.013206
Prpf31	MmuINT0127049	chr7	3590361	3590459	+	0.019256
Prpf31	MmuINT0127050	chr7	3590533	3591177	+	0.032087
Prpf31	MmuINT0127051	chr7	3591307	3591390	+	0.013822
Prpf31	MmuINT0127052	chr7	3591490	3592398	+	0.011398
Prpf31	MmuINT0127053	chr7	3582345	3582446	+	0.022199
Prpf31	MmuINT0127054	chr7	3582508	3584269	+	0.302983
Prpf31	MmuINT0127055	chr7	3584354	3584905	+	0.020831
Prpf31	MmuINT0127056	chr7	3585004	3585725	+	0.014287
Prpf31	MmuINT0127057	chr7	3585833	3586294	+	0.04446
Prpf31	MmuINT0127058	chr7	3586465	3587802	+	0.048577
Prpf31	MmuINT0127059	chr7	3587961	3588263	+	0.024571
Prpf38a	MmuINT0127062	chr4	1.08E+08	1.08E+08	-	0.014623
Prpf38a	MmuINT0127063	chr4	1.08E+08	1.08E+08	-	0.032316
Prpf38a	MmuINT0127064	chr4	1.08E+08	1.08E+08	-	0.000901
Prpf38a	MmuINT0127065	chr4	1.08E+08	1.08E+08	-	0.004771
Prpf38a	MmuINT0127066	chr4	1.08E+08	1.08E+08	-	0.013938
Prpf38a	MmuINT0127067	chr4	1.08E+08	1.08E+08	-	0.012064
Prpf38a	MmuINT0127068	chr4	1.08E+08	1.08E+08	-	0.008726
Prpf38a	MmuINT0127069	chr4	1.08E+08	1.08E+08	-	0.010809
Prpf38b	MmuINT0127070	chr3	1.09E+08	1.09E+08	-	0.051694
Prpf38b	MmuINT0127071	chr3	1.09E+08	1.09E+08	-	0.040005
Prpf38b	MmuINT0127072	chr3	1.09E+08	1.09E+08	-	0.014025
Prpf38b	MmuINT0127073	chr3	1.09E+08	1.09E+08	-	0.261184
Prpf38b	MmuINT0127074	chr3	1.09E+08	1.09E+08	-	0.007982
Prpf39	MmuINT0127075	chr12	66137456	66143447	+	0.032938
Prpf39	MmuINT0127076	chr12	66157507	66158715	+	0.018488
Prpf39	MmuINT0127077	chr12	66158901	66160857	+	0.03205
Prpf39	MmuINT0127078	chr12	66160933	66162137	+	0.015494
Prpf39	MmuINT0127079	chr12	66162253	66162410	+	0.028496
Prpf39	MmuINT0127080	chr12	66143795	66144218	+	0.05694
Prpf39	MmuINT0127081	chr12	66144345	66144992	+	0.561157
Prpf39	MmuINT0127082	chr12	66145112	66149099	+	0.015823
Prpf39	MmuINT0127083	chr12	66149268	66154272	+	0.0782
Prpf39	MmuINT0127084	chr12	66154439	66154957	+	0.013879
Prpf39	MmuINT0127085	chr12	66155066	66156142	+	0.0173
Prpf39	MmuINT0127086	chr12	66156308	66156624	+	0.252858

Prpf39	MmuINT0127087	chr12	66156752	66157237	+	0.014902
Prpf4	MmuINT0127088	chr4	62069936	62070608	+	0.018264
Prpf4	MmuINT0127089	chr4	62080400	62083211	+	0.048393
Prpf4	MmuINT0127090	chr4	62083335	62083448	+	0.105221
Prpf4	MmuINT0127091	chr4	62083557	62083636	+	0.050177
Prpf4	MmuINT0127092	chr4	62083756	62084251	+	0.027912
Prpf4	MmuINT0127093	chr4	62070787	62072729	+	0.014122
Prpf4	MmuINT0127094	chr4	62072917	62075576	+	0.064494
Prpf4	MmuINT0127095	chr4	62075665	62076208	+	0.038497
Prpf4	MmuINT0127096	chr4	62076289	62076435	+	0.028964
Prpf4	MmuINT0127097	chr4	62076530	62076997	+	0.019255
Prpf4	MmuINT0127098	chr4	62077093	62077685	+	0.047076
Prpf4	MmuINT0127099	chr4	62077745	62078879	+	0.01911
Prpf4	MmuINT0127100	chr4	62079004	62080309	+	0.01622
Prpf40a	MmuINT0127101	chr2	53049135	53050056	-	0.05335
Prpf40a	MmuINT0127102	chr2	53013107	53015656	-	0.015878
Prpf40a	MmuINT0127103	chr2	53012563	53012997	-	0.013109
Prpf40a	MmuINT0127105	chr2	53011589	53011991	-	0.006196
Prpf40a	MmuINT0127106	chr2	53010864	53011479	-	0.011101
Prpf40a	MmuINT0127107	chr2	53009806	53010712	-	0.010917
Prpf40a	MmuINT0127108	chr2	53005243	53009671	-	0.013061
Prpf40a	MmuINT0127109	chr2	53004950	53005127	-	0.083608
Prpf40a	MmuINT0127110	chr2	53004771	53004857	-	0.013822
Prpf40a	MmuINT0127111	chr2	53004405	53004653	-	0.010404
Prpf40a	MmuINT0127112	chr2	53036468	53049002	-	0.027233
Prpf40a	MmuINT0127113	chr2	53003914	53004266	-	0.023083
Prpf40a	MmuINT0127114	chr2	53001064	53003817	-	0.039231
Prpf40a	MmuINT0127115	chr2	53000898	53000976	-	0.015158
Prpf40a	MmuINT0127116	chr2	53000715	53000800	-	0.010264
Prpf40a	MmuINT0127117	chr2	52999627	53000652	-	0.010602
Prpf40a	MmuINT0127118	chr2	52998305	52999494	-	0.006269
Prpf40a	MmuINT0127119	chr2	53035451	53036386	-	0.011736
Prpf40a	MmuINT0127121	chr2	53019921	53034049	-	0.010105
Prpf40a	MmuINT0127122	chr2	53018713	53019809	-	0.015992
Prpf40a	MmuINT0127123	chr2	53018351	53018591	-	0.014371
Prpf40a	MmuINT0127124	chr2	53016952	53018296	-	0.021681
Prpf40a	MmuINT0127125	chr2	53016020	53016926	-	0.013684
Prpf40b	MmuINT0127126	chr15	99125860	99133713	+	0.177665
Prpf40b	MmuINT0127127	chr15	99137031	99137235	+	0.017325
Prpf40b	MmuINT0127128	chr15	99137363	99137443	+	0.035849
Prpf40b	MmuINT0127129	chr15	99137509	99137987	+	0.016324
Prpf40b	MmuINT0127130	chr15	99138153	99138252	+	0.029723
Prpf40b	MmuINT0127131	chr15	99138362	99138621	+	0.011699
Prpf40b	MmuINT0127132	chr15	99138773	99139493	+	0.007827
Prpf40b	MmuINT0127133	chr15	99139628	99140115	+	0.018064
Prpf40b	MmuINT0127134	chr15	99140231	99140374	+	0.339241
Prpf40b	MmuINT0127135	chr15	99140467	99145008	+	0.085589
Prpf40b	MmuINT0127136	chr15	99145126	99145273	+	0.062363
Prpf40b	MmuINT0127137	chr15	99133795	99134471	+	0.03377
Prpf40b	MmuINT0127138	chr15	99145412	99145621	+	0.178201

Prpf40b	MmuINT0127139	chr15	99145718	99145913	+	0.03458
Prpf40b	MmuINT0127141	chr15	99146332	99146517	+	0.01254
Prpf40b	MmuINT0127142	chr15	99146580	99146673	+	0.048946
Prpf40b	MmuINT0127143	chr15	99146812	99146891	+	0.030223
Prpf40b	MmuINT0127144	chr15	99134616	99134855	+	0.020992
Prpf40b	MmuINT0127145	chr15	99134922	99135596	+	0.297299
Prpf40b	MmuINT0127146	chr15	99135625	99135838	+	0.110986
Prpf40b	MmuINT0127147	chr15	99135865	99135971	+	0.016649
Prpf40b	MmuINT0127148	chr15	99136083	99136381	+	0.015459
Prpf40b	MmuINT0127149	chr15	99136503	99136592	+	0.01557
Prpf40b	MmuINT0127150	chr15	99136618	99136826	+	0.009456
Prpf4b	MmuINT0127151	chr13	34967564	34975099	+	0.016258
Prpf4b	MmuINT0127152	chr13	34987326	34987835	+	0.008946
Prpf4b	MmuINT0127153	chr13	34987990	34990977	+	0.010163
Prpf4b	MmuINT0127154	chr13	34991093	34991699	+	0.066037
Prpf4b	MmuINT0127155	chr13	34991852	34992232	+	0.007265
Prpf4b	MmuINT0127156	chr13	34992320	34993261	+	0.02417
Prpf4b	MmuINT0127157	chr13	34976297	34978538	+	0.007654
Prpf4b	MmuINT0127158	chr13	34978713	34979992	+	0.005896
Prpf4b	MmuINT0127159	chr13	34980149	34981380	+	0.010564
Prpf4b	MmuINT0127160	chr13	34981463	34982363	+	0.00309
Prpf4b	MmuINT0127161	chr13	34982575	34983958	+	0.024261
Prpf4b	MmuINT0127162	chr13	34984033	34985629	+	0.010958
Prpf4b	MmuINT0127163	chr13	34985721	34986303	+	0.006139
Prpf4b	MmuINT0127164	chr13	34986452	34987187	+	0.00802
Prpf6	MmuINT0127165	chr2	1.81E+08	1.81E+08	+	0.00809
Prpf6	MmuINT0127166	chr2	1.81E+08	1.81E+08	+	0.006254
Prpf6	MmuINT0127167	chr2	1.81E+08	1.81E+08	+	0.004315
Prpf6	MmuINT0127168	chr2	1.81E+08	1.81E+08	+	0.016573
Prpf6	MmuINT0127169	chr2	1.81E+08	1.81E+08	+	0.011002
Prpf6	MmuINT0127170	chr2	1.81E+08	1.81E+08	+	0.010395
Prpf6	MmuINT0127171	chr2	1.81E+08	1.81E+08	+	0.013663
Prpf6	MmuINT0127172	chr2	1.81E+08	1.81E+08	+	0.010101
Prpf6	MmuINT0127173	chr2	1.81E+08	1.81E+08	+	0.041703
Prpf6	MmuINT0127174	chr2	1.81E+08	1.81E+08	+	0.015055
Prpf6	MmuINT0127175	chr2	1.81E+08	1.81E+08	+	0.014593
Prpf6	MmuINT0127176	chr2	1.81E+08	1.81E+08	+	0.006347
Prpf6	MmuINT0127177	chr2	1.81E+08	1.81E+08	+	0.008437
Prpf6	MmuINT0127178	chr2	1.81E+08	1.81E+08	+	0.006714
Prpf6	MmuINT0127179	chr2	1.81E+08	1.81E+08	+	0.00948
Prpf6	MmuINT0127180	chr2	1.81E+08	1.81E+08	+	0.005006
Prpf6	MmuINT0127181	chr2	1.81E+08	1.81E+08	+	0.006653
Prpf6	MmuINT0127182	chr2	1.81E+08	1.81E+08	+	0.00514
Prpf6	MmuINT0127183	chr2	1.81E+08	1.81E+08	+	0.007725
Prpf6	MmuINT0127184	chr2	1.81E+08	1.81E+08	+	0.006804
Prpf8	MmuINT0127185	chr11	75300694	75301126	+	0.007007
Prpf8	MmuINT0127186	chr11	75305654	75305764	+	0.017857
Prpf8	MmuINT0127187	chr11	75305885	75305998	+	0.005297
Prpf8	MmuINT0127188	chr11	75306134	75306480	+	0.006218
Prpf8	MmuINT0127189	chr11	75306611	75306852	+	0.004361

Prpf8	MmuINT0127190	chr11	75307050	75307315	+	0.004754
Prpf8	MmuINT0127191	chr11	75307523	75307639	+	0.004349
Prpf8	MmuINT0127192	chr11	75307804	75307929	+	0.005057
Prpf8	MmuINT0127193	chr11	75308057	75308175	+	0.005642
Prpf8	MmuINT0127194	chr11	75308369	75308735	+	0.005454
Prpf8	MmuINT0127195	chr11	75308924	75309083	+	0.004915
Prpf8	MmuINT0127196	chr11	75301296	75303243	+	0.005623
Prpf8	MmuINT0127197	chr11	75309323	75309531	+	0.004011
Prpf8	MmuINT0127198	chr11	75309679	75309842	+	0.004777
Prpf8	MmuINT0127199	chr11	75310054	75310464	+	0.004336
Prpf8	MmuINT0127200	chr11	75310582	75313300	+	0.00695
Prpf8	MmuINT0127201	chr11	75313549	75313650	+	0.004131
Prpf8	MmuINT0127202	chr11	75313831	75314013	+	0.003904
Prpf8	MmuINT0127203	chr11	75314150	75314267	+	0.002983
Prpf8	MmuINT0127204	chr11	75314438	75314570	+	0.004033
Prpf8	MmuINT0127205	chr11	75314701	75314819	+	0.003658
Prpf8	MmuINT0127206	chr11	75314967	75315272	+	0.009242
Prpf8	MmuINT0127207	chr11	75303409	75303499	+	0.00763
Prpf8	MmuINT0127208	chr11	75315434	75315999	+	0.006737
Prpf8	MmuINT0127209	chr11	75316192	75316772	+	0.004814
Prpf8	MmuINT0127210	chr11	75317011	75317118	+	0.006446
Prpf8	MmuINT0127211	chr11	75317248	75317979	+	0.004484
Prpf8	MmuINT0127212	chr11	75318094	75318169	+	0.00397
Prpf8	MmuINT0127213	chr11	75318344	75318596	+	0.003396
Prpf8	MmuINT0127214	chr11	75318791	75319831	+	0.006175
Prpf8	MmuINT0127215	chr11	75320072	75320165	+	0.004512
Prpf8	MmuINT0127216	chr11	75320308	75321775	+	0.007289
Prpf8	MmuINT0127217	chr11	75321917	75322022	+	0.005066
Prpf8	MmuINT0127218	chr11	75303719	75303830	+	0.006755
Prpf8	MmuINT0127219	chr11	75322163	75322268	+	0.005021
Prpf8	MmuINT0127220	chr11	75322472	75322636	+	0.004982
Prpf8	MmuINT0127221	chr11	75304044	75304142	+	0.007674
Prpf8	MmuINT0127222	chr11	75304269	75304348	+	0.006163
Prpf8	MmuINT0127223	chr11	75304455	75304944	+	0.021354
Prpf8	MmuINT0127224	chr11	75305136	75305260	+	0.01378
Prpf8	MmuINT0127225	chr11	75305381	75305463	+	0.025231
Prps1	MmuINT0127240	chrX	1.37E+08	1.37E+08	+	0.004293
Prps2	MmuINT0127242	chrX	1.64E+08	1.64E+08	-	0.024325
Prps2	MmuINT0127243	chrX	1.64E+08	1.64E+08	-	0.047778
Prps2	MmuINT0127244	chrX	1.64E+08	1.64E+08	-	0.021246
Prps2	MmuINT0127246	chrX	1.64E+08	1.64E+08	-	0.020508
Prps2	MmuINT0127247	chrX	1.64E+08	1.64E+08	-	0.022669
Prpsap1	MmuINT0127248	chr11	1.16E+08	1.16E+08	-	0.012342
Prpsap1	MmuINT0127249	chr11	1.16E+08	1.16E+08	-	0.015926
Prpsap1	MmuINT0127250	chr11	1.16E+08	1.16E+08	-	0.023349
Prpsap1	MmuINT0127251	chr11	1.16E+08	1.16E+08	-	0.082809
Prpsap1	MmuINT0127252	chr11	1.16E+08	1.16E+08	-	0.289104
Prpsap1	MmuINT0127253	chr11	1.16E+08	1.16E+08	-	0.116904
Prpsap1	MmuINT0127254	chr11	1.16E+08	1.16E+08	-	0.113857
Prpsap1	MmuINT0127255	chr11	1.16E+08	1.16E+08	-	0.061726

Prpsap1	MmuINT0127256	chr11	1.16E+08	1.16E+08	-	0.008789
Prpsap2	MmuINT0127265	chr11	61548581	61550417	-	0.012073
Prr12	MmuINT0127280	chr7	52286079	52286370	-	0.019566
Prr12	MmuINT0127281	chr7	52284455	52285980	-	0.042864
Prr12	MmuINT0127282	chr7	52284225	52284307	-	0.014766
Prr12	MmuINT0127283	chr7	52283995	52284128	-	0.012295
Prr12	MmuINT0127284	chr7	52305737	52306587	-	0.016769
Prr12	MmuINT0127286	chr7	52301760	52302208	-	0.019792
Prr12	MmuINT0127288	chr7	52290366	52298721	-	0.016542
Prr12	MmuINT0127289	chr7	52290113	52290248	-	0.01762
Prr12	MmuINT0127290	chr7	52289603	52289978	-	0.016246
Prr12	MmuINT0127291	chr7	52286497	52289114	-	0.011002
Prr13	MmuINT0127292	chr15	1.02E+08	1.02E+08	+	0.389241
Prr13	MmuINT0127293	chr15	1.02E+08	1.02E+08	+	0.013202
Prr13	MmuINT0127294	chr15	1.02E+08	1.02E+08	+	0.011735
Prr14	MmuINT0127297	chr7	1.35E+08	1.35E+08	+	0.142242
Prr14	MmuINT0127298	chr7	1.35E+08	1.35E+08	+	0.077671
Prr14	MmuINT0127299	chr7	1.35E+08	1.35E+08	+	0.018907
Prr14	MmuINT0127300	chr7	1.35E+08	1.35E+08	+	0.042597
Prr14	MmuINT0127301	chr7	1.35E+08	1.35E+08	+	0.04888
Prr14	MmuINT0127302	chr7	1.35E+08	1.35E+08	+	0.0412
Prr14	MmuINT0127303	chr7	1.35E+08	1.35E+08	+	0.013318
Prr14	MmuINT0127304	chr7	1.35E+08	1.35E+08	+	0.093942
Prr14	MmuINT0127305	chr7	1.35E+08	1.35E+08	+	0.141371
Prr14	MmuINT0127306	chr7	1.35E+08	1.35E+08	+	0.035959
Prr3	MmuINT0127320	chr17	36111759	36115325	-	0.326435
Prr3	MmuINT0127321	chr17	36110749	36111467	-	0.192515
Prr5	MmuINT0127326	chr15	84529643	84530020	+	0.069895
Prr5	MmuINT0127328	chr15	84531930	84533147	+	0.040836
Prrc1	MmuINT0127342	chr18	57514546	57522086	+	0.010956
Prrc1	MmuINT0127343	chr18	57522204	57522729	+	0.007731
Prrc1	MmuINT0127344	chr18	57523120	57524842	+	0.0048
Prrc1	MmuINT0127345	chr18	57525004	57531020	+	0.00733
Prrc1	MmuINT0127346	chr18	57531124	57534180	+	0.008344
Prrc1	MmuINT0127347	chr18	57534345	57541281	+	0.011057
Prrc1	MmuINT0127348	chr18	57541386	57543827	+	0.017
Prrc1	MmuINT0127349	chr18	57543931	57548873	+	0.04001
Prrg2	MmuINT0127353	chr7	52316263	52316957	-	0.112282
Prrg2	MmuINT0127354	chr7	52315757	52316110	-	0.234909
Prrg2	MmuINT0127355	chr7	52315382	52315574	-	0.088602
Prrg2	MmuINT0127356	chr7	52312255	52315341	-	0.092456
Prrg2	MmuINT0127357	chr7	52310018	52312112	-	0.025594
Prrg2	MmuINT0127358	chr7	52309568	52309888	-	0.025035
Prrt2	MmuINT0127370	chr7	1.34E+08	1.34E+08	-	0.710606
Prrt2	MmuINT0127371	chr7	1.34E+08	1.34E+08	-	0.825925
Prrx1	MmuINT0127380	chr1	1.65E+08	1.65E+08	-	0.006243
Prrx1	MmuINT0127381	chr1	1.65E+08	1.65E+08	-	0.003252
Prrx1	MmuINT0127382	chr1	1.65E+08	1.65E+08	-	0.044055
Prss36	MmuINT0127470	chr7	1.35E+08	1.35E+08	-	0.377035
Prss36	MmuINT0127473	chr7	1.35E+08	1.35E+08	-	0.019012

Prss36	MmuINT0127477	chr7	1.35E+08	1.35E+08	-	0.236719
Prune	MmuINT0127594	chr3	95072246	95085506	-	0.05825
Prune	MmuINT0127596	chr3	95067699	95069339	-	0.006679
Prune	MmuINT0127598	chr3	95063257	95066132	-	0.008366
Prune	MmuINT0127599	chr3	95062108	95063161	-	0.005939
Prune	MmuINT0127600	chr3	95059350	95061948	-	0.009253
Prune2	MmuINT0127601	chr19	17030783	17074428	+	0.015158
Prune2	MmuINT0127602	chr19	17242833	17253279	+	0.005676
Prune2	MmuINT0127603	chr19	17253481	17267745	+	0.004277
Prune2	MmuINT0127604	chr19	17267920	17273602	+	0.202655
Prune2	MmuINT0127605	chr19	17273706	17274270	+	0.011882
Prune2	MmuINT0127606	chr19	17274403	17276131	+	0.005898
Prune2	MmuINT0127607	chr19	17276219	17282720	+	0.005929
Prune2	MmuINT0127608	chr19	17282820	17286167	+	0.008542
Prune2	MmuINT0127609	chr19	17286204	17286781	+	0.049567
Prune2	MmuINT0127611	chr19	17290864	17295273	+	0.37288
Prune2	MmuINT0127612	chr19	17074534	17078111	+	0.010387
Prune2	MmuINT0127613	chr19	17078315	17081111	+	0.009189
Prune2	MmuINT0127614	chr19	17081276	17090697	+	0.036988
Prune2	MmuINT0127615	chr19	17090848	17095048	+	0.012061
Prune2	MmuINT0127617	chr19	17188233	17192532	+	0.036548
Prune2	MmuINT0127618	chr19	17199083	17199427	+	0.005651
Prune2	MmuINT0127619	chr19	17200194	17242752	+	0.005962
Psap	MmuINT0127628	chr10	59762807	59762895	+	0.014258
Psap	MmuINT0127629	chr10	59763054	59763285	+	0.000535
Psap	MmuINT0127630	chr10	59763367	59763521	+	0.000491
Psap	MmuINT0127631	chr10	59763630	59764441	+	0.001015
Psap	MmuINT0127632	chr10	59754521	59755252	+	0.000341
Psap	MmuINT0127633	chr10	59755328	59756096	+	0.00048
Psap	MmuINT0127634	chr10	59756223	59757280	+	0.000378
Psap	MmuINT0127635	chr10	59757479	59757712	+	0.00301
Psap	MmuINT0127636	chr10	59761978	59762211	+	0.002305
Psat1	MmuINT0127641	chr19	15992902	15993944	-	0.01284
Psat1	MmuINT0127642	chr19	15991740	15992695	-	0.049257
Psat1	MmuINT0127643	chr19	15989524	15991566	-	0.047332
Psat1	MmuINT0127646	chr19	15980642	15981419	-	0.049038
Psd	MmuINT0127652	chr19	46389294	46390522	-	0.955575
Psd	MmuINT0127653	chr19	46389024	46389102	-	0.906147
Psd	MmuINT0127654	chr19	46388824	46388952	-	0.947521
Psd	MmuINT0127655	chr19	46388289	46388665	-	0.961826
Psd	MmuINT0127656	chr19	46387936	46388143	-	0.906384
Psd	MmuINT0127657	chr19	46387420	46387791	-	0.862706
Psd3	MmuINT0127681	chr8	70282165	70314796	-	0.042018
Psd3	MmuINT0127686	chr8	70221087	70237581	-	0.020183
Psd3	MmuINT0127691	chr8	70432466	70432581	-	0.022819
Psd3	MmuINT0127692	chr8	70430271	70432384	-	0.037732
Psen1	MmuINT0127711	chr12	85071663	85072623	+	0.006638
Psen1	MmuINT0127712	chr12	85072743	85074865	+	0.050329
Psen1	MmuINT0127713	chr12	85040372	85040461	+	0.014231
Psen1	MmuINT0127714	chr12	85040602	85053253	+	0.006049



Psen1	MmuINT0127715	chr12	85053505	85055713	+	0.008651
Psen1	MmuINT0127716	chr12	85055856	85063940	+	0.008678
Psen1	MmuINT0127717	chr12	85064009	85065445	+	0.011203
Psen1	MmuINT0127718	chr12	85065667	85069175	+	0.031109
Psen1	MmuINT0127719	chr12	85069275	85069647	+	0.008444
Psen1	MmuINT0127720	chr12	85069735	85071488	+	0.006461
Psen2	MmuINT0127723	chr1	1.82E+08	1.82E+08	-	0.011528
Psen2	MmuINT0127724	chr1	1.82E+08	1.82E+08	-	0.011841
Psen2	MmuINT0127725	chr1	1.82E+08	1.82E+08	-	0.030761
Psen2	MmuINT0127726	chr1	1.82E+08	1.82E+08	-	0.01998
Psen2	MmuINT0127727	chr1	1.82E+08	1.82E+08	-	0.013651
Psen2	MmuINT0127728	chr1	1.82E+08	1.82E+08	-	0.011725
Psen2	MmuINT0127729	chr1	1.82E+08	1.82E+08	-	0.03515
Psen2	MmuINT0127730	chr1	1.82E+08	1.82E+08	-	0.155204
Psen2	MmuINT0127731	chr1	1.82E+08	1.82E+08	-	0.076859
Psip1	MmuINT0127791	chr4	83107146	83109498	-	0.073942
Psip1	MmuINT0127793	chr4	83106160	83106362	-	0.040144
Psip1	MmuINT0127794	chr4	83105962	83106057	-	0.011055
Psip1	MmuINT0127795	chr4	83104091	83105747	-	0.035855
Psip1	MmuINT0127797	chr4	83128438	83131620	-	0.003529
Psip1	MmuINT0127798	chr4	83122325	83128360	-	0.005678
Psip1	MmuINT0127799	chr4	83120287	83122185	-	0.021676
Psip1	MmuINT0127802	chr4	83112688	83114486	-	0.084897
Psip1	MmuINT0127803	chr4	83111055	83112611	-	0.08286
Psip1	MmuINT0127804	chr4	83109618	83110828	-	0.014845
Pskh1	MmuINT0127805	chr8	1.08E+08	1.08E+08	+	0.015843
Pskh1	MmuINT0127806	chr8	1.08E+08	1.08E+08	+	0.051568
Psma1	MmuINT0127807	chr7	1.21E+08	1.21E+08	-	0.017244
Psma1	MmuINT0127808	chr7	1.21E+08	1.21E+08	-	0.003482
Psma1	MmuINT0127809	chr7	1.21E+08	1.21E+08	-	0.00184
Psma1	MmuINT0127810	chr7	1.21E+08	1.21E+08	-	0.001465
Psma1	MmuINT0127811	chr7	1.21E+08	1.21E+08	-	0.017717
Psma1	MmuINT0127812	chr7	1.21E+08	1.21E+08	-	0.012273
Psma1	MmuINT0127813	chr7	1.21E+08	1.21E+08	-	0.002145
Psma1	MmuINT0127814	chr7	1.21E+08	1.21E+08	-	0.008887
Psma1	MmuINT0127815	chr7	1.21E+08	1.21E+08	-	0.009127
Psma2	MmuINT0127817	chr13	14708356	14709003	+	0.000626
Psma2	MmuINT0127818	chr13	14709137	14711568	+	0.001118
Psma2	MmuINT0127819	chr13	14711692	14712991	+	0.000938
Psma2	MmuINT0127820	chr13	14713074	14715864	+	0.002013
Psma3	MmuINT0127825	chr12	72079803	72084305	+	0.0023
Psma4	MmuINT0127837	chr9	54802548	54802687	+	0.001598
Psma4	MmuINT0127840	chr9	54804742	54805441	+	0.001469
Psma6	MmuINT0127849	chr12	56499979	56508455	+	0.001244
Psma6	MmuINT0127850	chr12	56508551	56508988	+	0.001194
Psma6	MmuINT0127851	chr12	56509071	56511113	+	0.000974
Psma6	MmuINT0127852	chr12	56511270	56513173	+	0.000884
Psma6	MmuINT0127853	chr12	56513353	56515390	+	0.002566
Psma6	MmuINT0127854	chr12	56515486	56519223	+	0.004246
Psma7	MmuINT0127855	chr2	1.8E+08	1.8E+08	-	0.014712

Psma7	MmuINT0127856	chr2	1.8E+08	1.8E+08	-	0.012086
Psma7	MmuINT0127857	chr2	1.8E+08	1.8E+08	-	0.005671
Psma7	MmuINT0127858	chr2	1.8E+08	1.8E+08	-	0.005053
Psma7	MmuINT0127859	chr2	1.8E+08	1.8E+08	-	0.005045
Psma7	MmuINT0127860	chr2	1.8E+08	1.8E+08	-	0.01483
Psma8	MmuINT0127866	chr18	14916194	14919855	+	0.064577
Psemb1	MmuINT0127867	chr17	15631488	15635116	-	0.000567
Psemb1	MmuINT0127868	chr17	15630144	15631379	-	0.000833
Psemb1	MmuINT0127871	chr17	15613170	15614278	-	0.004478
Psemb10	MmuINT0127872	chr8	1.08E+08	1.08E+08	-	0.023422
Psemb10	MmuINT0127873	chr8	1.08E+08	1.08E+08	-	0.018417
Psemb10	MmuINT0127874	chr8	1.08E+08	1.08E+08	-	0.036424
Psemb10	MmuINT0127875	chr8	1.08E+08	1.08E+08	-	0.03012
Psemb10	MmuINT0127876	chr8	1.08E+08	1.08E+08	-	0.115491
Psemb10	MmuINT0127877	chr8	1.08E+08	1.08E+08	-	0.017304
Psemb10	MmuINT0127878	chr8	1.08E+08	1.08E+08	-	0.004541
Psemb2	MmuINT0127879	chr4	1.26E+08	1.26E+08	+	0.000897
Psemb2	MmuINT0127880	chr4	1.26E+08	1.26E+08	+	0.002267
Psemb2	MmuINT0127881	chr4	1.26E+08	1.26E+08	+	0.002131
Psemb2	MmuINT0127882	chr4	1.26E+08	1.26E+08	+	0.002039
Psemb2	MmuINT0127883	chr4	1.26E+08	1.26E+08	+	0.024838
Psemb4	MmuINT0127889	chr3	94690570	94690690	-	0.001519
Psemb4	MmuINT0127890	chr3	94690144	94690362	-	0.002919
Psemb4	MmuINT0127891	chr3	94689664	94689996	-	0.001797
Psemb4	MmuINT0127892	chr3	94688956	94689581	-	0.002405
Psemb4	MmuINT0127893	chr3	94688682	94688838	-	0.007012
Psemb4	MmuINT0127894	chr3	94688363	94688592	-	0.008925
Psemb6	MmuINT0127897	chr11	70338998	70339386	+	0.004159
Psemb6	MmuINT0127898	chr11	70339455	70339795	+	0.006899
Psemb6	MmuINT0127899	chr11	70339928	70340045	+	0.00021
Psemb6	MmuINT0127900	chr11	70340176	70340680	+	0.004943
Psemb6	MmuINT0127901	chr11	70340826	70340938	+	0.001328
Psemb7	MmuINT0127902	chr2	38498972	38499360	-	0.001015
Psemb7	MmuINT0127903	chr2	38497796	38498877	-	0.000781
Psemb7	MmuINT0127904	chr2	38495734	38497697	-	0.000534
Psemb7	MmuINT0127905	chr2	38489487	38495592	-	0.000589
Psemb7	MmuINT0127906	chr2	38469011	38489370	-	0.000826
Psemb7	MmuINT0127907	chr2	38446369	38468951	-	0.000932
Psemb8	MmuINT0127909	chr17	34335491	34336177	+	0.04236
Psemb8	MmuINT0127910	chr17	34336326	34336515	+	0.064411
Psemb8	MmuINT0127911	chr17	34336628	34337085	+	0.054664
Psemb8	MmuINT0127912	chr17	34337216	34337655	+	0.051678
Psemb8	MmuINT0127913	chr17	34337861	34338122	+	0.093585
Psemb9	MmuINT0127914	chr17	34322743	34324194	-	0.159316
Psemb9	MmuINT0127915	chr17	34321359	34322674	-	0.038731
Psemb9	MmuINT0127916	chr17	34320690	34321226	-	0.073239
Psemb9	MmuINT0127917	chr17	34320176	34320559	-	0.065722
Psemb9	MmuINT0127918	chr17	34319297	34320033	-	0.058523
Psmc1	MmuINT0127923	chr12	1.01E+08	1.01E+08	+	0.000198
Psmc1	MmuINT0127925	chr12	1.01E+08	1.01E+08	+	0.000634

Psmc2	MmuINT0127929	chr5	21308432	21308887	+	0.007325
Psmc2	MmuINT0127930	chr5	21309091	21309183	+	0.004448
Psmc2	MmuINT0127931	chr5	21309281	21309364	+	0.0059
Psmc2	MmuINT0127932	chr5	21292703	21300925	+	0.001938
Psmc2	MmuINT0127933	chr5	21300964	21301580	+	0.002074
Psmc2	MmuINT0127934	chr5	21301663	21302350	+	0.001925
Psmc2	MmuINT0127935	chr5	21302451	21305240	+	0.00498
Psmc2	MmuINT0127936	chr5	21305373	21305753	+	0.001932
Psmc2	MmuINT0127937	chr5	21305827	21306361	+	0.003225
Psmc2	MmuINT0127938	chr5	21306458	21307025	+	0.001293
Psmc2	MmuINT0127939	chr5	21307191	21308343	+	0.010073
Psmc3	MmuINT0127940	chr2	90894489	90894731	+	0.001676
Psmc3	MmuINT0127941	chr2	90898313	90899202	+	0.001607
Psmc3	MmuINT0127942	chr2	90899285	90899410	+	0.003744
Psmc3	MmuINT0127943	chr2	90894816	90895135	+	0.00073
Psmc3	MmuINT0127944	chr2	90895262	90895614	+	0.001172
Psmc3	MmuINT0127945	chr2	90895720	90895804	+	0.002063
Psmc3	MmuINT0127946	chr2	90895868	90896061	+	0.00295
Psmc3	MmuINT0127947	chr2	90896200	90896814	+	0.002038
Psmc3	MmuINT0127948	chr2	90896959	90897068	+	0.002633
Psmc3	MmuINT0127949	chr2	90897218	90897921	+	0.013045
Psmc3	MmuINT0127950	chr2	90898019	90898166	+	0.002206
Psmc3ip	MmuINT0127952	chr11	1.01E+08	1.01E+08	-	0.039579
Psmc3ip	MmuINT0127953	chr11	1.01E+08	1.01E+08	-	0.057501
Psmc3ip	MmuINT0127954	chr11	1.01E+08	1.01E+08	-	0.029671
Psmc3ip	MmuINT0127955	chr11	1.01E+08	1.01E+08	-	0.039728
Psmc3ip	MmuINT0127956	chr11	1.01E+08	1.01E+08	-	0.080934
Psmc3ip	MmuINT0127957	chr11	1.01E+08	1.01E+08	-	0.044195
Psmc4	MmuINT0127958	chr7	28834222	28835001	-	0.006791
Psmc4	MmuINT0127959	chr7	28826940	28827119	-	0.002805
Psmc4	MmuINT0127960	chr7	28833999	28834122	-	0.002235
Psmc4	MmuINT0127961	chr7	28832532	28833811	-	0.006873
Psmc4	MmuINT0127962	chr7	28832302	28832384	-	0.002308
Psmc4	MmuINT0127963	chr7	28832099	28832191	-	0.002263
Psmc4	MmuINT0127964	chr7	28827996	28832004	-	0.007974
Psmc4	MmuINT0127966	chr7	28827527	28827668	-	0.057735
Psmc4	MmuINT0127967	chr7	28827176	28827357	-	0.009389
Psmc5	MmuINT0127968	chr11	1.06E+08	1.06E+08	+	0.002661
Psmc5	MmuINT0127969	chr11	1.06E+08	1.06E+08	+	0.005851
Psmc5	MmuINT0127970	chr11	1.06E+08	1.06E+08	+	0.006175
Psmc5	MmuINT0127971	chr11	1.06E+08	1.06E+08	+	0.004618
Psmc5	MmuINT0127972	chr11	1.06E+08	1.06E+08	+	0.003591
Psmc5	MmuINT0127973	chr11	1.06E+08	1.06E+08	+	0.004585
Psmc5	MmuINT0127974	chr11	1.06E+08	1.06E+08	+	0.00375
Psmc5	MmuINT0127975	chr11	1.06E+08	1.06E+08	+	0.002153
Psmc5	MmuINT0127976	chr11	1.06E+08	1.06E+08	+	0.021754
Psmc5	MmuINT0127977	chr11	1.06E+08	1.06E+08	+	0.002759
Psmc6	MmuINT0127978	chr14	45949608	45950504	+	0.02267
Psmc6	MmuINT0127979	chr14	45961019	45963075	+	0.005398
Psmc6	MmuINT0127980	chr14	45963197	45963321	+	0.001603

Psmc6	MmuINT0127981	chr14	45963403	45966418	+	0.007802
Psmc6	MmuINT0127982	chr14	45966491	45968257	+	0.002372
Psmc6	MmuINT0127983	chr14	45950585	45950661	+	0.009698
Psmc6	MmuINT0127984	chr14	45950702	45951580	+	0.005954
Psmc6	MmuINT0127985	chr14	45951634	45954327	+	0.025126
Psmc6	MmuINT0127986	chr14	45954396	45954591	+	0.001638
Psmc6	MmuINT0127987	chr14	45954707	45957152	+	0.002153
Psmc6	MmuINT0127988	chr14	45957241	45960304	+	0.025034
Psmc6	MmuINT0127989	chr14	45960367	45960447	+	0.010281
Psmc6	MmuINT0127990	chr14	45960572	45960956	+	0.003311
Psmc6	MmuINT0127991	chr1	87961381	87967157	+	0.003567
Psmc6	MmuINT0127992	chr1	87981846	87982604	+	0.002837
Psmc6	MmuINT0127993	chr1	87982684	87983149	+	0.002487
Psmc6	MmuINT0127994	chr1	87983324	87985383	+	0.003028
Psmc6	MmuINT0127995	chr1	87985496	87986568	+	0.001556
Psmc6	MmuINT0127996	chr1	87986766	87988577	+	0.00243
Psmc6	MmuINT0127997	chr1	87988674	87990850	+	0.004188
Psmc6	MmuINT0127998	chr1	87990916	88013149	+	0.002478
Psmc6	MmuINT0127999	chr1	88013265	88015084	+	0.001904
Psmc6	MmuINT0128000	chr1	88015202	88023030	+	0.00434
Psmc6	MmuINT0128001	chr1	88023134	88024710	+	0.004047
Psmc6	MmuINT0128002	chr1	87967202	87968188	+	0.004253
Psmc6	MmuINT0128003	chr1	88024881	88027211	+	0.004106
Psmc6	MmuINT0128004	chr1	88027305	88029288	+	0.006894
Psmc6	MmuINT0128005	chr1	88029376	88030212	+	0.003354
Psmc6	MmuINT0128006	chr1	88030360	88033537	+	0.003799
Psmc6	MmuINT0128007	chr1	88033692	88035654	+	0.004951
Psmc6	MmuINT0128008	chr1	87968263	87968401	+	0.003784
Psmc6	MmuINT0128009	chr1	87968572	87972373	+	0.001779
Psmc6	MmuINT0128010	chr1	87972580	87973930	+	0.001605
Psmc6	MmuINT0128011	chr1	87974075	87975142	+	0.002194
Psmc6	MmuINT0128012	chr1	87975370	87978611	+	0.001661
Psmc6	MmuINT0128013	chr1	87978673	87979721	+	0.002159
Psmc6	MmuINT0128014	chr1	87979851	87981756	+	0.00258
Psmc6	MmuINT0128015	chrX	1.37E+08	1.37E+08	-	0.014551
Psmc6	MmuINT0128016	chrX	1.37E+08	1.37E+08	-	0.013585
Psmc6	MmuINT0128017	chrX	1.37E+08	1.37E+08	-	0.010305
Psmc6	MmuINT0128020	chr11	80283430	80283884	+	0.006583
Psmc6	MmuINT0128032	chr11	1.07E+08	1.07E+08	+	0.002722
Psmc6	MmuINT0128033	chr11	1.07E+08	1.07E+08	+	0.014284
Psmc6	MmuINT0128034	chr11	1.07E+08	1.07E+08	+	0.002915
Psmc6	MmuINT0128035	chr11	1.07E+08	1.07E+08	+	0.00179
Psmc6	MmuINT0128036	chr11	1.07E+08	1.07E+08	+	0.001952
Psmc6	MmuINT0128037	chr11	1.07E+08	1.07E+08	+	0.004892
Psmc6	MmuINT0128038	chr11	1.07E+08	1.07E+08	+	0.002131
Psmc6	MmuINT0128039	chr11	1.07E+08	1.07E+08	+	0.001901
Psmc6	MmuINT0128040	chr11	1.07E+08	1.07E+08	+	0.012279
Psmc6	MmuINT0128041	chr11	1.07E+08	1.07E+08	+	0.022324
Psmc6	MmuINT0128042	chr7	1.48E+08	1.48E+08	+	0.005033
Psmc6	MmuINT0128043	chr7	1.48E+08	1.48E+08	+	0.0108

Psm13	MmuINT0128044	chr7	1.48E+08	1.48E+08	+	0.011687
Psm13	MmuINT0128045	chr7	1.48E+08	1.48E+08	+	0.030143
Psm13	MmuINT0128046	chr7	1.48E+08	1.48E+08	+	0.003663
Psm13	MmuINT0128047	chr7	1.48E+08	1.48E+08	+	0.0078
Psm13	MmuINT0128048	chr7	1.48E+08	1.48E+08	+	0.00533
Psm13	MmuINT0128049	chr7	1.48E+08	1.48E+08	+	0.002604
Psm13	MmuINT0128050	chr7	1.48E+08	1.48E+08	+	0.004793
Psm13	MmuINT0128051	chr7	1.48E+08	1.48E+08	+	0.010908
Psm13	MmuINT0128052	chr7	1.48E+08	1.48E+08	+	0.009988
Psm13	MmuINT0128053	chr7	1.48E+08	1.48E+08	+	0.004822
Psm14	MmuINT0128054	chr2	61549931	61558500	+	0.004326
Psm14	MmuINT0128055	chr2	61623617	61635451	+	0.013497
Psm14	MmuINT0128056	chr2	61635515	61638038	+	0.004127
Psm14	MmuINT0128057	chr2	61558629	61560766	+	0.004649
Psm14	MmuINT0128058	chr2	61560819	61598692	+	0.006364
Psm14	MmuINT0128059	chr2	61598765	61599031	+	0.005454
Psm14	MmuINT0128060	chr2	61599152	61601893	+	0.001429
Psm14	MmuINT0128061	chr2	61601965	61602905	+	0.004084
Psm14	MmuINT0128062	chr2	61603057	61614729	+	0.003962
Psm14	MmuINT0128063	chr2	61614838	61621889	+	0.002708
Psm2	MmuINT0128068	chr16	20658135	20659478	+	0.00136
Psm2	MmuINT0128071	chr16	20660176	20660415	+	0.003548
Psm2	MmuINT0128072	chr16	20660500	20661637	+	0.001558
Psm2	MmuINT0128078	chr16	20654743	20654890	+	0.000856
Psm2	MmuINT0128080	chr16	20655485	20655631	+	0.000286
Psm2	MmuINT0128081	chr16	20655777	20655953	+	0.000311
Psm2	MmuINT0128082	chr16	20656015	20656615	+	0.000092
Psm3	MmuINT0128084	chr11	98544252	98546795	+	0.003948
Psm3	MmuINT0128085	chr11	98555608	98556676	+	0.017648
Psm3	MmuINT0128086	chr11	98556728	98556836	+	0.010565
Psm3	MmuINT0128087	chr11	98546987	98547247	+	0.001474
Psm3	MmuINT0128088	chr11	98547386	98548991	+	0.001808
Psm3	MmuINT0128089	chr11	98549129	98551776	+	0.001966
Psm3	MmuINT0128090	chr11	98551968	98552229	+	0.021586
Psm3	MmuINT0128091	chr11	98552334	98554696	+	0.019028
Psm3	MmuINT0128092	chr11	98554812	98554892	+	0.002223
Psm3	MmuINT0128093	chr11	98555013	98555118	+	0.00187
Psm3	MmuINT0128094	chr11	98555223	98555451	+	0.014363
Psm4	MmuINT0128095	chr3	94840668	94846429	-	0.005259
Psm4	MmuINT0128096	chr3	94839847	94840526	-	0.00646
Psm4	MmuINT0128097	chr3	94839247	94839731	-	0.007987
Psm4	MmuINT0128098	chr3	94838933	94839159	-	0.006785
Psm4	MmuINT0128099	chr3	94838704	94838863	-	0.006292
Psm4	MmuINT0128100	chr3	94837949	94838487	-	0.00932
Psm4	MmuINT0128101	chr3	94837687	94837839	-	0.128888
Psm4	MmuINT0128102	chr3	94837469	94837554	-	0.01062
Psm4	MmuINT0128103	chr3	94836907	94837403	-	0.02285
Psm5	MmuINT0128104	chr2	34722558	34726269	-	0.019955
Psm5	MmuINT0128105	chr2	34721616	34722412	-	0.017876
Psm5	MmuINT0128106	chr2	34721176	34721501	-	0.01339

Psm5	MmuINT0128107	chr2	34719087	34721046	-	0.011611
Psm5	MmuINT0128108	chr2	34716295	34718976	-	0.010874
Psm5	MmuINT0128109	chr2	34713350	34716151	-	0.046677
Psm5	MmuINT0128110	chr2	34712078	34713157	-	0.011243
Psm5	MmuINT0128111	chr2	34709913	34711967	-	0.009161
Psm5	MmuINT0128112	chr2	34708354	34709771	-	0.007579
Psm6	MmuINT0128113	chr14	14952707	14953252	-	0.02707
Psm6	MmuINT0128114	chr14	14949485	14952500	-	0.018519
Psm6	MmuINT0128115	chr14	14949118	14949338	-	0.003767
Psm6	MmuINT0128116	chr14	14948771	14948897	-	0.001827
Psm6	MmuINT0128117	chr14	14946806	14948661	-	0.006088
Psm6	MmuINT0128118	chr14	14945118	14946636	-	0.010335
Psm6	MmuINT0128119	chr14	14944901	14945039	-	0.003403
Psm7	MmuINT0128120	chr8	1.1E+08	1.1E+08	-	0.00611
Psm7	MmuINT0128121	chr8	1.1E+08	1.1E+08	-	0.004074
Psm7	MmuINT0128122	chr8	1.1E+08	1.1E+08	-	0.020547
Psm7	MmuINT0128123	chr8	1.1E+08	1.1E+08	-	0.014475
Psm7	MmuINT0128124	chr8	1.1E+08	1.1E+08	-	0.01439
Psm7	MmuINT0128125	chr8	1.1E+08	1.1E+08	-	0.03302
Psm8	MmuINT0128126	chr7	29964235	29965295	-	0.002976
Psm8	MmuINT0128127	chr7	29964041	29964161	-	0.002984
Psm8	MmuINT0128128	chr7	29962251	29963937	-	0.005388
Psm8	MmuINT0128129	chr7	29961193	29962084	-	0.018856
Psm8	MmuINT0128130	chr7	29960542	29961091	-	0.0047
Psm8	MmuINT0128131	chr7	29959767	29960429	-	0.007342
Psm9	MmuINT0128132	chr5	1.24E+08	1.24E+08	+	0.006132
Psm9	MmuINT0128133	chr5	1.24E+08	1.24E+08	+	0.006711
Psm9	MmuINT0128134	chr5	1.24E+08	1.24E+08	+	0.014253
Psm9	MmuINT0128135	chr5	1.24E+08	1.24E+08	+	0.021644
Psm9	MmuINT0128136	chr5	1.24E+08	1.24E+08	+	0.035827
Psme1	MmuINT0128137	chr14	56197451	56198431	+	0.001229
Psme1	MmuINT0128141	chr14	56198879	56198950	+	0.010105
Psme1	MmuINT0128142	chr14	56198997	56199166	+	0.005713
Psme1	MmuINT0128143	chr14	56199265	56199431	+	0.002496
Psme1	MmuINT0128144	chr14	56199501	56199580	+	0.003798
Psme1	MmuINT0128145	chr14	56199649	56199754	+	0.005154
Psme1	MmuINT0128146	chr14	56199810	56199888	+	0.003231
Psme3	MmuINT0128158	chr11	1.01E+08	1.01E+08	+	0.002701
Psme3	MmuINT0128159	chr11	1.01E+08	1.01E+08	+	0.006937
Psme3	MmuINT0128160	chr11	1.01E+08	1.01E+08	+	0.006291
Psme3	MmuINT0128161	chr11	1.01E+08	1.01E+08	+	0.009046
Psme3	MmuINT0128162	chr11	1.01E+08	1.01E+08	+	0.009006
Psme3	MmuINT0128163	chr11	1.01E+08	1.01E+08	+	0.019249
Psme3	MmuINT0128164	chr11	1.01E+08	1.01E+08	+	0.004634
Psme3	MmuINT0128165	chr11	1.01E+08	1.01E+08	+	0.008508
Psme3	MmuINT0128166	chr11	1.01E+08	1.01E+08	+	0.006102
Psme3	MmuINT0128167	chr11	1.01E+08	1.01E+08	+	0.007611
Psme4	MmuINT0128168	chr11	30672225	30691091	+	0.004702
Psme4	MmuINT0128169	chr11	30711049	30711977	+	0.009296
Psme4	MmuINT0128170	chr11	30712165	30713662	+	0.002449

Psme4	MmuINT0128171	chr11	30713753	30715227	+	0.003555
Psme4	MmuINT0128172	chr11	30715293	30715557	+	0.001823
Psme4	MmuINT0128173	chr11	30715709	30717730	+	0.002693
Psme4	MmuINT0128174	chr11	30717830	30718088	+	0.00255
Psme4	MmuINT0128175	chr11	30718159	30719003	+	0.003665
Psme4	MmuINT0128176	chr11	30719072	30719927	+	0.002587
Psme4	MmuINT0128177	chr11	30720144	30720915	+	0.001676
Psme4	MmuINT0128178	chr11	30721074	30723058	+	0.003459
Psme4	MmuINT0128179	chr11	30691233	30691921	+	0.0029
Psme4	MmuINT0128180	chr11	30723155	30730349	+	0.021085
Psme4	MmuINT0128181	chr11	30730406	30732133	+	0.008945
Psme4	MmuINT0128182	chr11	30732191	30732388	+	0.003981
Psme4	MmuINT0128183	chr11	30732445	30732531	+	0.003154
Psme4	MmuINT0128184	chr11	30732631	30734085	+	0.002451
Psme4	MmuINT0128185	chr11	30734149	30734273	+	0.002647
Psme4	MmuINT0128186	chr11	30734370	30735335	+	0.002008
Psme4	MmuINT0128187	chr11	30735468	30737281	+	0.001811
Psme4	MmuINT0128188	chr11	30737492	30738884	+	0.001374
Psme4	MmuINT0128189	chr11	30739022	30741568	+	0.003066
Psme4	MmuINT0128190	chr11	30692039	30702813	+	0.004606
Psme4	MmuINT0128191	chr11	30741623	30741990	+	0.001789
Psme4	MmuINT0128192	chr11	30742121	30743506	+	0.001972
Psme4	MmuINT0128193	chr11	30743589	30745179	+	0.001334
Psme4	MmuINT0128194	chr11	30745334	30745827	+	0.002826
Psme4	MmuINT0128195	chr11	30745898	30747397	+	0.001855
Psme4	MmuINT0128196	chr11	30747524	30748046	+	0.00171
Psme4	MmuINT0128197	chr11	30748200	30750602	+	0.001473
Psme4	MmuINT0128198	chr11	30750708	30751142	+	0.00189
Psme4	MmuINT0128199	chr11	30751235	30752672	+	0.00153
Psme4	MmuINT0128200	chr11	30752805	30753176	+	0.001518
Psme4	MmuINT0128201	chr11	30702859	30704289	+	0.003684
Psme4	MmuINT0128202	chr11	30753386	30756029	+	0.006043
Psme4	MmuINT0128203	chr11	30756116	30761347	+	0.002975
Psme4	MmuINT0128204	chr11	30761477	30765433	+	0.001359
Psme4	MmuINT0128205	chr11	30765590	30774117	+	0.006419
Psme4	MmuINT0128206	chr11	30774281	30776745	+	0.002579
Psme4	MmuINT0128207	chr11	30776880	30778378	+	0.001539
Psme4	MmuINT0128208	chr11	30778518	30779663	+	0.004965
Psme4	MmuINT0128209	chr11	30704440	30704962	+	0.003386
Psme4	MmuINT0128210	chr11	30705027	30706254	+	0.003654
Psme4	MmuINT0128211	chr11	30706330	30707702	+	0.003148
Psme4	MmuINT0128212	chr11	30707826	30709835	+	0.009965
Psme4	MmuINT0128213	chr11	30709929	30710782	+	0.002624
Psmf1	MmuINT0128214	chr2	1.52E+08	1.52E+08	-	0.010091
Psmf1	MmuINT0128215	chr2	1.52E+08	1.52E+08	-	0.009347
Psmf1	MmuINT0128216	chr2	1.52E+08	1.52E+08	-	0.007866
Psmf1	MmuINT0128217	chr2	1.52E+08	1.52E+08	-	0.022464
Psmf1	MmuINT0128218	chr2	1.52E+08	1.52E+08	-	0.025733
Psmf1	MmuINT0128219	chr2	1.52E+08	1.52E+08	-	0.010933
Psmg1	MmuINT0128220	chr16	96211206	96212360	-	0.02557

Psmg1	MmuINT0128221	chr16	96209719	96211098	-	0.007946
Psmg1	MmuINT0128222	chr16	96208963	96209566	-	0.008376
Psmg1	MmuINT0128223	chr16	96205599	96208899	-	0.014227
Psmg1	MmuINT0128224	chr16	96203846	96205399	-	0.014475
Psmg1	MmuINT0128225	chr16	96201719	96203708	-	0.033282
Psmg2	MmuINT0128226	chr18	67801390	67803962	+	0.015449
Psmg2	MmuINT0128227	chr18	67804135	67805646	+	0.00933
Psmg2	MmuINT0128228	chr18	67805706	67807781	+	0.062986
Psmg2	MmuINT0128229	chr18	67807901	67808426	+	0.004213
Psmg2	MmuINT0128230	chr18	67808601	67812806	+	0.004887
Psmg2	MmuINT0128231	chr18	67812928	67813539	+	0.005193
Psmg3	MmuINT0128232	chr5	1.4E+08	1.4E+08	-	0.074669
Psmg3	MmuINT0128233	chr5	1.4E+08	1.4E+08	-	0.02131
Psmg4	MmuINT0128234	chr13	34255119	34257929	+	0.016778
Psmg4	MmuINT0128235	chr13	34258006	34269849	+	0.0365
Pspc1	MmuINT0128246	chr14	57390844	57396627	-	0.043219
Pspc1	MmuINT0128247	chr14	57383082	57390541	-	0.011865
Pspc1	MmuINT0128248	chr14	57380868	57382985	-	0.01054
Pspc1	MmuINT0128249	chr14	57377552	57380670	-	0.011167
Pspc1	MmuINT0128251	chr14	57347415	57367671	-	0.049471
Pspc1	MmuINT0128252	chr14	57344313	57347356	-	0.050092
Pspc1	MmuINT0128253	chr14	57342118	57344142	-	0.044084
Psph	MmuINT0128254	chr5	1.3E+08	1.3E+08	-	0.027207
Psph	MmuINT0128255	chr5	1.3E+08	1.3E+08	-	0.025439
Psph	MmuINT0128256	chr5	1.3E+08	1.3E+08	-	0.275506
Psph	MmuINT0128257	chr5	1.3E+08	1.3E+08	-	0.033023
Psph	MmuINT0128258	chr5	1.3E+08	1.3E+08	-	0.028996
Psph	MmuINT0128259	chr5	1.3E+08	1.3E+08	-	0.040082
Psph	MmuINT0128260	chr5	1.3E+08	1.3E+08	-	0.027181
Pstk	MmuINT0128269	chr7	1.39E+08	1.39E+08	+	0.071634
Pstk	MmuINT0128270	chr7	1.39E+08	1.39E+08	+	0.070273
Pstk	MmuINT0128271	chr7	1.39E+08	1.39E+08	+	0.006416
Pstk	MmuINT0128272	chr7	1.39E+08	1.39E+08	+	0.069549
Pstk	MmuINT0128273	chr7	1.39E+08	1.39E+08	+	0.084704
Pstpip1	MmuINT0128279	chr9	55975668	55976395	+	0.138711
Pstpip2	MmuINT0128288	chr18	78033490	78073863	+	0.010725
Pstpip2	MmuINT0128289	chr18	78112199	78113011	+	0.012577
Pstpip2	MmuINT0128290	chr18	78113109	78114576	+	0.01268
Pstpip2	MmuINT0128291	chr18	78114659	78116333	+	0.013563
Pstpip2	MmuINT0128293	chr18	78118156	78120540	+	0.053375
Pstpip2	MmuINT0128294	chr18	78073965	78085117	+	0.008796
Pstpip2	MmuINT0128295	chr18	78085196	78086842	+	0.014441
Pstpip2	MmuINT0128296	chr18	78086878	78093536	+	0.010331
Pstpip2	MmuINT0128297	chr18	78093644	78100585	+	0.011895
Pstpip2	MmuINT0128298	chr18	78100649	78109085	+	0.021874
Pstpip2	MmuINT0128299	chr18	78109185	78110306	+	0.007935
Pstpip2	MmuINT0128300	chr18	78110353	78110507	+	0.011436
Pstpip2	MmuINT0128301	chr18	78110588	78112099	+	0.019813
Ptar1	MmuINT0128303	chr19	23762036	23768810	+	0.048612
Ptar1	MmuINT0128304	chr19	23768981	23777567	+	0.047597



Ptar1	MmuINT0128305	chr19	23777635	23780196	+	0.06615
Ptar1	MmuINT0128306	chr19	23780302	23783243	+	0.041637
Ptar1	MmuINT0128307	chr19	23783458	23792302	+	0.062796
Ptar1	MmuINT0128308	chr19	23792593	23794547	+	0.047106
Ptbp1	MmuINT0128310	chr10	79317467	79319248	+	0.004109
Ptbp1	MmuINT0128311	chr10	79325287	79325397	+	0.00503
Ptbp2	MmuINT0128319	chr3	1.19E+08	1.19E+08	-	0.051706
Ptbp2	MmuINT0128320	chr3	1.19E+08	1.19E+08	-	0.059226
Ptbp2	MmuINT0128321	chr3	1.19E+08	1.19E+08	-	0.024361
Ptbp2	MmuINT0128322	chr3	1.19E+08	1.19E+08	-	0.01044
Ptbp2	MmuINT0128323	chr3	1.19E+08	1.19E+08	-	0.022743
Ptbp2	MmuINT0128324	chr3	1.19E+08	1.19E+08	-	0.018105
Ptbp2	MmuINT0128325	chr3	1.19E+08	1.19E+08	-	0.023046
Ptbp2	MmuINT0128326	chr3	1.19E+08	1.19E+08	-	0.018162
Ptbp2	MmuINT0128327	chr3	1.19E+08	1.19E+08	-	0.018621
Ptbp2	MmuINT0128328	chr3	1.19E+08	1.19E+08	-	0.022955
Ptbp2	MmuINT0128329	chr3	1.19E+08	1.19E+08	-	0.119861
Ptbp2	MmuINT0128330	chr3	1.19E+08	1.19E+08	-	0.113017
Ptbp2	MmuINT0128331	chr3	1.19E+08	1.19E+08	-	0.124128
Ptcd1	MmuINT0128332	chr5	1.46E+08	1.46E+08	-	0.012073
Ptcd1	MmuINT0128333	chr5	1.46E+08	1.46E+08	-	0.025578
Ptcd1	MmuINT0128334	chr5	1.46E+08	1.46E+08	-	0.020875
Ptcd1	MmuINT0128335	chr5	1.46E+08	1.46E+08	-	0.011924
Ptcd1	MmuINT0128336	chr5	1.46E+08	1.46E+08	-	0.017488
Ptcd1	MmuINT0128337	chr5	1.46E+08	1.46E+08	-	0.026831
Ptcd1	MmuINT0128338	chr5	1.46E+08	1.46E+08	-	0.010916
Ptcd1	MmuINT0128339	chr5	1.46E+08	1.46E+08	-	0.072751
Ptcd2	MmuINT0128340	chr13	1E+08	1E+08	-	0.006744
Ptcd2	MmuINT0128341	chr13	1E+08	1E+08	-	0.004424
Ptcd2	MmuINT0128342	chr13	1E+08	1E+08	-	0.003167
Ptcd2	MmuINT0128343	chr13	1E+08	1E+08	-	0.005039
Ptcd2	MmuINT0128344	chr13	1E+08	1E+08	-	0.004043
Ptcd2	MmuINT0128345	chr13	1E+08	1E+08	-	0.00302
Ptcd2	MmuINT0128346	chr13	1E+08	1E+08	-	0.011329
Ptcd2	MmuINT0128347	chr13	1E+08	1E+08	-	0.00983
Ptcd2	MmuINT0128348	chr13	1E+08	1E+08	-	0.00812
Ptcd3	MmuINT0128349	chr6	71857841	71858627	-	0.002848
Ptcd3	MmuINT0128350	chr6	71844876	71845898	-	0.021005
Ptcd3	MmuINT0128351	chr6	71844367	71844814	-	0.010714
Ptcd3	MmuINT0128352	chr6	71843521	71844280	-	0.002554
Ptcd3	MmuINT0128353	chr6	71842514	71843375	-	0.024244
Ptcd3	MmuINT0128354	chr6	71839681	71842462	-	0.013641
Ptcd3	MmuINT0128355	chr6	71839360	71839583	-	0.001935
Ptcd3	MmuINT0128356	chr6	71838658	71839334	-	0.004264
Ptcd3	MmuINT0128357	chr6	71835571	71838550	-	0.023783
Ptcd3	MmuINT0128358	chr6	71835394	71835491	-	0.006407
Ptcd3	MmuINT0128359	chr6	71834620	71835302	-	0.004944
Ptcd3	MmuINT0128360	chr6	71857684	71857787	-	0.004269
Ptcd3	MmuINT0128361	chr6	71833587	71834533	-	0.021394
Ptcd3	MmuINT0128362	chr6	71832224	71833437	-	0.007919

Ptcd3	MmuINT0128363	chr6	71831659	71832181	-	0.005626
Ptcd3	MmuINT0128364	chr6	71831226	71831499	-	0.00259
Ptcd3	MmuINT0128365	chr6	71855138	71857646	-	0.005639
Ptcd3	MmuINT0128366	chr6	71853489	71855091	-	0.002929
Ptcd3	MmuINT0128367	chr6	71852955	71853419	-	0.005503
Ptcd3	MmuINT0128368	chr6	71851314	71852849	-	0.005044
Ptcd3	MmuINT0128369	chr6	71848450	71851189	-	0.005416
Ptcd3	MmuINT0128370	chr6	71847163	71848333	-	0.002646
Ptcd3	MmuINT0128371	chr6	71845987	71847106	-	0.001897
Ptch1	MmuINT0128377	chr13	63634155	63634571	-	0.039808
Ptch1	MmuINT0128378	chr13	63628598	63633844	-	0.0366
Ptch1	MmuINT0128380	chr13	63624589	63626252	-	0.031486
Ptch1	MmuINT0128381	chr13	63621715	63624307	-	0.045245
Ptch1	MmuINT0128382	chr13	63619563	63621576	-	0.050595
Ptch1	MmuINT0128383	chr13	63649494	63664930	-	0.041816
Ptch1	MmuINT0128384	chr13	63615650	63619419	-	0.051964
Ptch1	MmuINT0128385	chr13	63615124	63615549	-	0.029055
Ptch1	MmuINT0128386	chr13	63613384	63614868	-	0.042441
Ptch1	MmuINT0128387	chr13	63646615	63649303	-	0.039873
Ptch1	MmuINT0128392	chr13	63642597	63643472	-	0.049505
Ptdss1	MmuINT0128443	chr13	67034623	67046212	+	0.005002
Ptdss1	MmuINT0128444	chr13	67088790	67094888	+	0.005797
Ptdss1	MmuINT0128445	chr13	67094958	67096282	+	0.007082
Ptdss1	MmuINT0128446	chr13	67096353	67097903	+	0.003741
Ptdss1	MmuINT0128447	chr13	67046305	67054455	+	0.007808
Ptdss1	MmuINT0128448	chr13	67054501	67057317	+	0.006654
Ptdss1	MmuINT0128449	chr13	67057443	67064248	+	0.00411
Ptdss1	MmuINT0128450	chr13	67064408	67067325	+	0.003929
Ptdss1	MmuINT0128451	chr13	67067478	67073429	+	0.003401
Ptdss1	MmuINT0128452	chr13	67073572	67075380	+	0.012266
Ptdss1	MmuINT0128453	chr13	67075494	67077681	+	0.004058
Ptdss1	MmuINT0128454	chr13	67077748	67088689	+	0.009107
Ptdss2	MmuINT0128455	chr7	1.48E+08	1.48E+08	+	0.007523
Ptdss2	MmuINT0128456	chr7	1.48E+08	1.48E+08	+	0.033531
Ptdss2	MmuINT0128457	chr7	1.48E+08	1.48E+08	+	0.005632
Ptdss2	MmuINT0128458	chr7	1.48E+08	1.48E+08	+	0.008662
Ptdss2	MmuINT0128459	chr7	1.48E+08	1.48E+08	+	0.011533
Ptdss2	MmuINT0128460	chr7	1.48E+08	1.48E+08	+	0.012328
Ptdss2	MmuINT0128461	chr7	1.48E+08	1.48E+08	+	0.020303
Ptdss2	MmuINT0128462	chr7	1.48E+08	1.48E+08	+	0.018984
Ptdss2	MmuINT0128463	chr7	1.48E+08	1.48E+08	+	0.023582
Ptdss2	MmuINT0128464	chr7	1.48E+08	1.48E+08	+	0.119618
Ptdss2	MmuINT0128465	chr7	1.48E+08	1.48E+08	+	0.027318
Pten	MmuINT0128466	chr19	32833014	32850504	+	0.01926
Pten	MmuINT0128467	chr19	32850590	32867038	+	0.012626
Pten	MmuINT0128468	chr19	32867084	32872560	+	0.01091
Pten	MmuINT0128469	chr19	32872605	32874350	+	0.005094
Pten	MmuINT0128470	chr19	32874590	32886185	+	0.018821
Pten	MmuINT0128471	chr19	32886328	32889906	+	0.00443
Pten	MmuINT0128472	chr19	32890074	32892325	+	0.003329

Pten	MmuINT0128473	chr19	32892551	32894332	+	0.01198
Pter	MmuINT0128475	chr2	12900245	12901919	+	0.015895
Pter	MmuINT0128476	chr2	12902186	12916376	+	0.012894
Pter	MmuINT0128477	chr2	12916518	12922483	+	0.019767
Ptgds	MmuINT0128480	chr2	25324648	25325079	-	0.08113
Ptgds	MmuINT0128481	chr2	25324430	25324507	-	0.012251
Ptgds	MmuINT0128482	chr2	25323709	25324352	-	0.008731
Ptgds	MmuINT0128483	chr2	25323440	25323591	-	0.006217
Ptgds	MmuINT0128484	chr2	25322866	25323337	-	0.016731
Ptgds	MmuINT0128485	chr2	25322352	25322806	-	0.117162
Ptger1	MmuINT0128486	chr8	86190816	86191777	+	0.988983
Ptger1	MmuINT0128487	chr8	86192746	86193165	+	0.994606
Ptges2	MmuINT0128495	chr2	32252071	32253057	+	0.005795
Ptges2	MmuINT0128496	chr2	32253256	32255569	+	0.005667
Ptges2	MmuINT0128497	chr2	32255629	32255922	+	0.008458
Ptges2	MmuINT0128498	chr2	32256073	32256397	+	0.004018
Ptges2	MmuINT0128499	chr2	32256599	32257006	+	0.009643
Ptges2	MmuINT0128500	chr2	32257125	32257695	+	0.006941
Ptgrn	MmuINT0128510	chr3	1.01E+08	1.01E+08	-	0.021085
Ptgrn	MmuINT0128511	chr3	1.01E+08	1.01E+08	-	0.01327
Ptgrn	MmuINT0128512	chr3	1.01E+08	1.01E+08	-	0.012927
Ptgrn	MmuINT0128513	chr3	1.01E+08	1.01E+08	-	0.011198
Ptgrn	MmuINT0128514	chr3	1.01E+08	1.01E+08	-	0.013754
Ptgrn	MmuINT0128515	chr3	1.01E+08	1.01E+08	-	0.010409
Ptgrn	MmuINT0128516	chr3	1.01E+08	1.01E+08	-	0.030239
Ptgrn	MmuINT0128517	chr3	1.01E+08	1.01E+08	-	0.017512
Ptgis	MmuINT0128519	chr2	1.67E+08	1.67E+08	-	0.029024
Ptgis	MmuINT0128520	chr2	1.67E+08	1.67E+08	-	0.027999
Ptgis	MmuINT0128521	chr2	1.67E+08	1.67E+08	-	0.025933
Ptgis	MmuINT0128522	chr2	1.67E+08	1.67E+08	-	0.022958
Ptgis	MmuINT0128523	chr2	1.67E+08	1.67E+08	-	0.021038
Ptgis	MmuINT0128524	chr2	1.67E+08	1.67E+08	-	0.030873
Ptgis	MmuINT0128525	chr2	1.67E+08	1.67E+08	-	0.032943
Ptgis	MmuINT0128526	chr2	1.67E+08	1.67E+08	-	0.036171
Ptgis	MmuINT0128527	chr2	1.67E+08	1.67E+08	-	0.0328
Ptgr1	MmuINT0128528	chr4	58997732	58999909	-	0.066227
Ptgr1	MmuINT0128529	chr4	58995798	58997615	-	0.06462
Ptgr1	MmuINT0128531	chr4	58991054	58994698	-	0.072573
Ptgr1	MmuINT0128532	chr4	58988851	58990885	-	0.043103
Ptgr1	MmuINT0128533	chr4	58986563	58988732	-	0.053676
Ptgr1	MmuINT0128534	chr4	58983972	58986406	-	0.064932
Ptgr1	MmuINT0128535	chr4	58981750	58983862	-	0.10719
Ptgr1	MmuINT0128536	chr4	58979636	58981630	-	0.042818
Ptgr2	MmuINT0128537	chr12	85626427	85633233	+	0.02054
Ptgr2	MmuINT0128538	chr12	85633319	85636166	+	0.000858
Ptgr2	MmuINT0128539	chr12	85636286	85638960	+	0.00053
Ptgr2	MmuINT0128540	chr12	85639153	85643186	+	0.003191
Ptgr2	MmuINT0128541	chr12	85643358	85646875	+	0.001357
Ptgr2	MmuINT0128542	chr12	85647086	85648725	+	0.014413
Ptgr2	MmuINT0128543	chr12	85648848	85649294	+	0.016537

Ptgr2	MmuINT0128544	chr12	85649383	85651868	+	0.008374
Ptgr2	MmuINT0128545	chr12	85651909	85654886	+	0.006744
Ptgs1	MmuINT0128547	chr2	36104764	36106515	+	0.038263
Ptgs1	MmuINT0128548	chr2	36086284	36092726	+	0.066849
Ptgs1	MmuINT0128550	chr2	36093312	36093476	+	0.051313
Ptgs1	MmuINT0128551	chr2	36093621	36096115	+	0.130273
Ptgs1	MmuINT0128552	chr2	36096298	36096390	+	0.059089
Ptgs1	MmuINT0128553	chr2	36096475	36098282	+	0.236648
Ptgs1	MmuINT0128554	chr2	36098530	36100563	+	0.054203
Ptgs1	MmuINT0128555	chr2	36100851	36104615	+	0.039876
Pth1r	MmuINT0128568	chr9	1.11E+08	1.11E+08	-	0.049851
Pth1r	MmuINT0128569	chr9	1.11E+08	1.11E+08	-	0.039422
Pth1r	MmuINT0128570	chr9	1.11E+08	1.11E+08	-	0.052752
Pth1r	MmuINT0128571	chr9	1.11E+08	1.11E+08	-	0.060342
Pth1r	MmuINT0128572	chr9	1.11E+08	1.11E+08	-	0.072329
Pth1r	MmuINT0128573	chr9	1.11E+08	1.11E+08	-	0.039485
Pth1r	MmuINT0128574	chr9	1.11E+08	1.11E+08	-	0.066927
Pth1r	MmuINT0128576	chr9	1.11E+08	1.11E+08	-	0.050133
Pth1r	MmuINT0128577	chr9	1.11E+08	1.11E+08	-	0.081408
Pth1r	MmuINT0128578	chr9	1.11E+08	1.11E+08	-	0.042667
Pth1r	MmuINT0128579	chr9	1.11E+08	1.11E+08	-	0.07084
Ptk2	MmuINT0128598	chr15	73225175	73253438	-	0.050302
Ptk2	MmuINT0128599	chr15	73134328	73134836	-	0.047193
Ptk2	MmuINT0128600	chr15	73128676	73134249	-	0.017853
Ptk2	MmuINT0128601	chr15	73127139	73128567	-	0.012544
Ptk2	MmuINT0128602	chr15	73125814	73127020	-	0.014454
Ptk2	MmuINT0128603	chr15	73122518	73125782	-	0.019286
Ptk2	MmuINT0128604	chr15	73107344	73122464	-	0.02783
Ptk2	MmuINT0128605	chr15	73105015	73107286	-	0.02125
Ptk2	MmuINT0128606	chr15	73099324	73104916	-	0.019827
Ptk2	MmuINT0128607	chr15	73096633	73099238	-	0.012001
Ptk2	MmuINT0128608	chr15	73094760	73096531	-	0.018481
Ptk2	MmuINT0128610	chr15	73093045	73094643	-	0.014272
Ptk2	MmuINT0128611	chr15	73090068	73092943	-	0.015456
Ptk2	MmuINT0128612	chr15	73087669	73089977	-	0.015919
Ptk2	MmuINT0128613	chr15	73072908	73087463	-	0.019251
Ptk2	MmuINT0128614	chr15	73066669	73072795	-	0.012742
Ptk2	MmuINT0128615	chr15	73062423	73066581	-	0.012217
Ptk2	MmuINT0128616	chr15	73060423	73062284	-	0.009052
Ptk2	MmuINT0128617	chr15	73052300	73060290	-	0.044656
Ptk2	MmuINT0128618	chr15	73046814	73052236	-	0.028829
Ptk2	MmuINT0128620	chr15	73161446	73173562	-	0.013649
Ptk2	MmuINT0128621	chr15	73156267	73161278	-	0.032916
Ptk2	MmuINT0128622	chr15	73151551	73156178	-	0.01774
Ptk2	MmuINT0128623	chr15	73151268	73151470	-	0.021664
Ptk2	MmuINT0128624	chr15	73140300	73151204	-	0.066824
Ptk2	MmuINT0128625	chr15	73134978	73140244	-	0.027422
Ptk2	MmuINT0128627	chr15	73039839	73041171	-	0.014375
Ptk2	MmuINT0128628	chr15	73036691	73039757	-	0.012373
Ptk2b	MmuINT0128629	chr14	66832390	66899719	-	0.045028

Ptk2b	MmuINT0128630	chr14	66794579	66795899	-	0.056606
Ptk2b	MmuINT0128640	chr14	66809072	66832148	-	0.056444
Ptk2b	MmuINT0128641	chr14	66788285	66789074	-	0.047569
Ptk2b	MmuINT0128642	chr14	66785613	66788079	-	0.071237
Ptk2b	MmuINT0128643	chr14	66784167	66785503	-	0.06187
Ptk2b	MmuINT0128645	chr14	66777515	66781861	-	0.112374
Ptk2b	MmuINT0128646	chr14	66777257	66777367	-	0.06703
Ptk2b	MmuINT0128647	chr14	66776910	66777220	-	0.052889
Ptk2b	MmuINT0128648	chr14	66775265	66775897	-	0.066113
Ptk2b	MmuINT0128649	chr14	66774890	66775126	-	0.055545
Ptk2b	MmuINT0128650	chr14	66808499	66808892	-	0.050833
Ptk2b	MmuINT0128651	chr14	66773107	66774808	-	0.059183
Ptk2b	MmuINT0128656	chr14	66796604	66796872	-	0.066432
Ptk2b	MmuINT0128657	chr14	66796002	66796528	-	0.070179
Ptk7	MmuINT0128671	chr17	46711425	46713212	-	0.228768
Ptk7	MmuINT0128672	chr17	46710525	46711220	-	0.053009
Ptk7	MmuINT0128673	chr17	46709704	46710368	-	0.092819
Ptk7	MmuINT0128676	chr17	46703231	46704873	-	0.043338
Ptk7	MmuINT0128677	chr17	46702445	46703051	-	0.058159
Ptms	MmuINT0128690	chr6	1.25E+08	1.25E+08	-	0.010857
Ptms	MmuINT0128693	chr6	1.25E+08	1.25E+08	-	0.027696
Ptov1	MmuINT0128698	chr7	52122883	52124720	-	0.013617
Ptov1	MmuINT0128699	chr7	52119103	52119752	-	0.048044
Ptov1	MmuINT0128700	chr7	52118815	52118904	-	0.006411
Ptov1	MmuINT0128701	chr7	52122646	52122744	-	0.002779
Ptov1	MmuINT0128702	chr7	52122488	52122562	-	0.015862
Ptov1	MmuINT0128703	chr7	52122288	52122429	-	0.016956
Ptov1	MmuINT0128704	chr7	52120998	52122179	-	0.017423
Ptov1	MmuINT0128705	chr7	52120373	52120841	-	0.010688
Ptov1	MmuINT0128706	chr7	52120206	52120282	-	0.025289
Ptov1	MmuINT0128707	chr7	52120040	52120131	-	0.007304
Ptov1	MmuINT0128708	chr7	52119858	52119981	-	0.013822
Ptp4a2	MmuINT0128714	chr4	1.29E+08	1.3E+08	+	0.0049
Ptp4a2	MmuINT0128717	chr4	1.3E+08	1.3E+08	+	0.001253
Ptp4a3	MmuINT0128724	chr15	73584279	73585723	+	0.034949
Ptp4a3	MmuINT0128725	chr15	73585855	73586457	+	0.007759
Ptp4a3	MmuINT0128726	chr15	73586533	73587226	+	0.017267
Ptpdc1	MmuINT0128730	chr13	48686076	48687854	-	0.252437
Ptpdc1	MmuINT0128732	chr13	48684627	48685655	-	0.057251
Ptpdc1	MmuINT0128733	chr13	48682548	48684488	-	0.066504
Ptpdc1	MmuINT0128734	chr13	48678640	48681300	-	0.0055
Ptpla	MmuINT0128741	chr2	13962583	13966409	-	0.00282
Ptpla	MmuINT0128742	chr2	13957585	13962460	-	0.006165
Ptplad1	MmuINT0128744	chr9	64858324	64869263	-	0.018395
Ptplad1	MmuINT0128745	chr9	64836337	64838123	-	0.026744
Ptplad1	MmuINT0128746	chr9	64854442	64858280	-	0.030908
Ptplad1	MmuINT0128747	chr9	64853580	64854367	-	0.02036
Ptplad1	MmuINT0128748	chr9	64852116	64853414	-	0.026442
Ptplad1	MmuINT0128749	chr9	64848899	64852063	-	0.032541
Ptplad1	MmuINT0128750	chr9	64846130	64848787	-	0.072801

Ptplad1	MmuINT0128751	chr9	64840177	64846001	-	0.035981
Ptplad1	MmuINT0128752	chr9	64838888	64840063	-	0.035585
Ptplad1	MmuINT0128753	chr9	64838256	64838780	-	0.017891
Ptplad2	MmuINT0128756	chr4	88072753	88080842	-	0.04396
Ptplad2	MmuINT0128759	chr4	88060251	88065602	-	0.085336
Ptplb	MmuINT0128760	chr16	35022722	35025910	+	0.038389
Ptpmt1	MmuINT0128766	chr2	90757667	90757766	-	0.140518
Ptpmt1	MmuINT0128767	chr2	90754333	90757585	-	0.032919
Ptpmt1	MmuINT0128768	chr2	90751477	90754140	-	0.024937
Ptpn1	MmuINT0128769	chr2	1.68E+08	1.68E+08	+	0.016593
Ptpn1	MmuINT0128770	chr2	1.68E+08	1.68E+08	+	0.01684
Ptpn1	MmuINT0128771	chr2	1.68E+08	1.68E+08	+	0.01514
Ptpn1	MmuINT0128772	chr2	1.68E+08	1.68E+08	+	0.016945
Ptpn1	MmuINT0128773	chr2	1.68E+08	1.68E+08	+	0.041856
Ptpn1	MmuINT0128774	chr2	1.68E+08	1.68E+08	+	0.037959
Ptpn1	MmuINT0128775	chr2	1.68E+08	1.68E+08	+	0.024265
Ptpn1	MmuINT0128776	chr2	1.68E+08	1.68E+08	+	0.072534
Ptpn11	MmuINT0128777	chr5	1.22E+08	1.22E+08	-	0.003051
Ptpn11	MmuINT0128778	chr5	1.22E+08	1.22E+08	-	0.056745
Ptpn11	MmuINT0128779	chr5	1.22E+08	1.22E+08	-	0.001954
Ptpn11	MmuINT0128780	chr5	1.22E+08	1.22E+08	-	0.002547
Ptpn11	MmuINT0128781	chr5	1.22E+08	1.22E+08	-	0.009612
Ptpn11	MmuINT0128782	chr5	1.22E+08	1.22E+08	-	0.018994
Ptpn11	MmuINT0128783	chr5	1.22E+08	1.22E+08	-	0.001455
Ptpn11	MmuINT0128784	chr5	1.22E+08	1.22E+08	-	0.002132
Ptpn11	MmuINT0128785	chr5	1.22E+08	1.22E+08	-	0.001655
Ptpn11	MmuINT0128786	chr5	1.22E+08	1.22E+08	-	0.00173
Ptpn11	MmuINT0128787	chr5	1.22E+08	1.22E+08	-	0.002217
Ptpn11	MmuINT0128788	chr5	1.22E+08	1.22E+08	-	0.019325
Ptpn11	MmuINT0128789	chr5	1.22E+08	1.22E+08	-	0.001883
Ptpn11	MmuINT0128790	chr5	1.22E+08	1.22E+08	-	0.001698
Ptpn12	MmuINT0128791	chr5	20535703	20561466	-	0.012162
Ptpn12	MmuINT0128792	chr5	20508337	20508434	-	0.018178
Ptpn12	MmuINT0128793	chr5	20507176	20508240	-	0.018188
Ptpn12	MmuINT0128794	chr5	20504575	20507089	-	0.020093
Ptpn12	MmuINT0128795	chr5	20499117	20503600	-	0.051431
Ptpn12	MmuINT0128796	chr5	20498595	20499047	-	0.021296
Ptpn12	MmuINT0128797	chr5	20497243	20498526	-	0.016159
Ptpn12	MmuINT0128798	chr5	20494927	20497211	-	0.044193
Ptpn12	MmuINT0128799	chr5	20493313	20494824	-	0.025735
Ptpn12	MmuINT0128800	chr5	20527913	20535593	-	0.012798
Ptpn12	MmuINT0128801	chr5	20525127	20527835	-	0.017304
Ptpn12	MmuINT0128802	chr5	20521568	20525030	-	0.025853
Ptpn12	MmuINT0128803	chr5	20520584	20521528	-	0.027907
Ptpn12	MmuINT0128804	chr5	20517563	20520511	-	0.017043
Ptpn12	MmuINT0128805	chr5	20515403	20517502	-	0.028496
Ptpn12	MmuINT0128806	chr5	20511234	20515259	-	0.015554
Ptpn12	MmuINT0128807	chr5	20508513	20511166	-	0.031039
Ptpn14	MmuINT0128855	chr1	1.92E+08	1.92E+08	+	0.03149
Ptpn14	MmuINT0128857	chr1	1.92E+08	1.92E+08	+	0.040658

Ptpn14	MmuINT0128858	chr1	1.92E+08	1.92E+08	+	0.016832
Ptpn14	MmuINT0128859	chr1	1.92E+08	1.92E+08	+	0.138663
Ptpn14	MmuINT0128860	chr1	1.92E+08	1.92E+08	+	0.014312
Ptpn14	MmuINT0128861	chr1	1.92E+08	1.92E+08	+	0.025798
Ptpn14	MmuINT0128862	chr1	1.92E+08	1.92E+08	+	0.03667
Ptpn14	MmuINT0128863	chr1	1.92E+08	1.92E+08	+	0.023032
Ptpn14	MmuINT0128864	chr1	1.92E+08	1.92E+08	+	0.016762
Ptpn14	MmuINT0128865	chr1	1.92E+08	1.92E+08	+	0.030047
Ptpn14	MmuINT0128866	chr1	1.92E+08	1.92E+08	+	0.027941
Ptpn14	MmuINT0128867	chr1	1.92E+08	1.92E+08	+	0.089173
Ptpn14	MmuINT0128868	chr1	1.92E+08	1.92E+08	+	0.026566
Ptpn14	MmuINT0128869	chr1	1.92E+08	1.92E+08	+	0.023102
Ptpn14	MmuINT0128870	chr1	1.92E+08	1.92E+08	+	0.031689
Ptpn14	MmuINT0128871	chr1	1.92E+08	1.92E+08	+	0.072748
Ptpn14	MmuINT0128872	chr1	1.92E+08	1.92E+08	+	0.028138
Ptpn18	MmuINT0128877	chr1	34529814	34530179	+	0.061221
Ptpn18	MmuINT0128878	chr1	34530255	34530423	+	0.167465
Ptpn2	MmuINT0128888	chr18	67855379	67871490	-	0.015282
Ptpn2	MmuINT0128889	chr18	67848644	67855277	-	0.026089
Ptpn2	MmuINT0128890	chr18	67841232	67848544	-	0.012515
Ptpn2	MmuINT0128891	chr18	67840704	67841096	-	0.015267
Ptpn2	MmuINT0128892	chr18	67837517	67840493	-	0.012638
Ptpn2	MmuINT0128893	chr18	67835541	67837363	-	0.008809
Ptpn2	MmuINT0128894	chr18	67832423	67835373	-	0.008594
Ptpn2	MmuINT0128895	chr18	67825529	67832320	-	0.261168
Ptpn21	MmuINT0128909	chr12	99931828	99937040	-	0.030944
Ptpn21	MmuINT0128910	chr12	99931167	99931766	-	0.02458
Ptpn21	MmuINT0128911	chr12	99927839	99931081	-	0.033059
Ptpn21	MmuINT0128912	chr12	99921826	99926399	-	0.013659
Ptpn21	MmuINT0128913	chr12	99920951	99921687	-	0.010682
Ptpn21	MmuINT0128914	chr12	99918700	99920728	-	0.008417
Ptpn21	MmuINT0128915	chr12	99918402	99918570	-	0.022738
Ptpn21	MmuINT0128916	chr12	99917647	99918166	-	0.030675
Ptpn21	MmuINT0128917	chr12	99916889	99917485	-	0.011247
Ptpn21	MmuINT0128918	chr12	99953404	99971683	-	0.017724
Ptpn21	MmuINT0128919	chr12	99949108	99953233	-	0.024715
Ptpn21	MmuINT0128920	chr12	99947814	99949009	-	0.036764
Ptpn21	MmuINT0128921	chr12	99947086	99947745	-	0.047688
Ptpn21	MmuINT0128922	chr12	99943391	99947014	-	0.020509
Ptpn21	MmuINT0128923	chr12	99942441	99943302	-	0.023869
Ptpn21	MmuINT0128924	chr12	99938257	99942351	-	0.030347
Ptpn21	MmuINT0128925	chr12	99937121	99938168	-	0.01732
Ptpn23	MmuINT0128946	chr9	1.1E+08	1.1E+08	-	0.02548
Ptpn23	MmuINT0128947	chr9	1.1E+08	1.1E+08	-	0.061178
Ptpn23	MmuINT0128948	chr9	1.1E+08	1.1E+08	-	0.11139
Ptpn23	MmuINT0128949	chr9	1.1E+08	1.1E+08	-	0.073457
Ptpn23	MmuINT0128950	chr9	1.1E+08	1.1E+08	-	0.020557
Ptpn23	MmuINT0128951	chr9	1.1E+08	1.1E+08	-	0.043162
Ptpn23	MmuINT0128952	chr9	1.1E+08	1.1E+08	-	0.029919
Ptpn23	MmuINT0128953	chr9	1.1E+08	1.1E+08	-	0.111498

Ptpn23	MmuINT0128954	chr9	1.1E+08	1.1E+08	-	0.088539
Ptpn23	MmuINT0128955	chr9	1.1E+08	1.1E+08	-	0.015706
Ptpn23	MmuINT0128956	chr9	1.1E+08	1.1E+08	-	0.032734
Ptpn23	MmuINT0128957	chr9	1.1E+08	1.1E+08	-	0.020077
Ptpn23	MmuINT0128958	chr9	1.1E+08	1.1E+08	-	0.104887
Ptpn23	MmuINT0128959	chr9	1.1E+08	1.1E+08	-	0.074467
Ptpn23	MmuINT0128960	chr9	1.1E+08	1.1E+08	-	0.014698
Ptpn23	MmuINT0128961	chr9	1.1E+08	1.1E+08	-	0.030771
Ptpn23	MmuINT0128962	chr9	1.1E+08	1.1E+08	-	0.02202
Ptpn23	MmuINT0128963	chr9	1.1E+08	1.1E+08	-	0.027316
Ptpn23	MmuINT0128964	chr9	1.1E+08	1.1E+08	-	0.054453
Ptpn23	MmuINT0128965	chr9	1.1E+08	1.1E+08	-	0.058341
Ptpn23	MmuINT0128966	chr9	1.1E+08	1.1E+08	-	0.030332
Ptpn23	MmuINT0128967	chr9	1.1E+08	1.1E+08	-	0.072416
Ptpn23	MmuINT0128968	chr9	1.1E+08	1.1E+08	-	0.150558
Ptpn23	MmuINT0128969	chr9	1.1E+08	1.1E+08	-	0.203848
Ptpn3	MmuINT0128974	chr4	57245371	57248093	-	0.005658
Ptpn3	MmuINT0128975	chr4	57238773	57245193	-	0.004589
Ptpn3	MmuINT0128976	chr4	57238456	57238585	-	0.006261
Ptpn3	MmuINT0128977	chr4	57236548	57238377	-	0.011486
Ptpn3	MmuINT0128978	chr4	57234927	57236490	-	0.005315
Ptpn3	MmuINT0128979	chr4	57231542	57234769	-	0.004353
Ptpn3	MmuINT0128980	chr4	57219177	57231380	-	0.005688
Ptpn3	MmuINT0128982	chr4	57218819	57219085	-	0.011941
Ptpn3	MmuINT0128983	chr4	57217926	57218756	-	0.012258
Ptpn3	MmuINT0128984	chr4	57210507	57217778	-	0.007696
Ptpn3	MmuINT0128985	chr4	57209369	57210377	-	0.019104
Ptpn3	MmuINT0128986	chr4	57208710	57209222	-	0.016779
Ptpn3	MmuINT0128987	chr4	57207235	57208573	-	0.009374
Ptpn3	MmuINT0128993	chr4	57261618	57262779	-	0.039055
Ptpn4	MmuINT0128995	chr1	1.22E+08	1.22E+08	-	0.047708
Ptpn4	MmuINT0128996	chr1	1.22E+08	1.22E+08	-	0.03137
Ptpn4	MmuINT0128997	chr1	1.22E+08	1.22E+08	-	0.026758
Ptpn4	MmuINT0128998	chr1	1.22E+08	1.22E+08	-	0.030531
Ptpn4	MmuINT0128999	chr1	1.22E+08	1.22E+08	-	0.057099
Ptpn4	MmuINT0129000	chr1	1.22E+08	1.22E+08	-	0.022078
Ptpn4	MmuINT0129001	chr1	1.22E+08	1.22E+08	-	0.034721
Ptpn4	MmuINT0129002	chr1	1.22E+08	1.22E+08	-	0.026288
Ptpn4	MmuINT0129003	chr1	1.22E+08	1.22E+08	-	0.047299
Ptpn4	MmuINT0129004	chr1	1.22E+08	1.22E+08	-	0.039051
Ptpn4	MmuINT0129005	chr1	1.22E+08	1.22E+08	-	0.023405
Ptpn4	MmuINT0129006	chr1	1.22E+08	1.22E+08	-	0.022786
Ptpn4	MmuINT0129007	chr1	1.22E+08	1.22E+08	-	0.019019
Ptpn4	MmuINT0129008	chr1	1.22E+08	1.22E+08	-	0.021113
Ptpn4	MmuINT0129010	chr1	1.22E+08	1.22E+08	-	0.028061
Ptpn4	MmuINT0129011	chr1	1.22E+08	1.22E+08	-	0.016452
Ptpn4	MmuINT0129012	chr1	1.22E+08	1.22E+08	-	0.020055
Ptpn4	MmuINT0129013	chr1	1.22E+08	1.22E+08	-	0.017235
Ptpn4	MmuINT0129014	chr1	1.22E+08	1.22E+08	-	0.046297
Ptpn4	MmuINT0129015	chr1	1.22E+08	1.22E+08	-	0.052325



Ptpn4	MmuINT0129016	chr1	1.22E+08	1.22E+08	-	0.060412
Ptpn4	MmuINT0129017	chr1	1.22E+08	1.22E+08	-	0.054964
Ptpn4	MmuINT0129018	chr1	1.22E+08	1.22E+08	-	0.038787
Ptpn4	MmuINT0129019	chr1	1.22E+08	1.22E+08	-	0.029332
Ptpn4	MmuINT0129020	chr1	1.22E+08	1.22E+08	-	0.033577
Ptpn5	MmuINT0129023	chr7	54334978	54337232	-	0.985999
Ptpn6	MmuINT0129036	chr6	1.25E+08	1.25E+08	-	0.057753
Ptpn6	MmuINT0129037	chr6	1.25E+08	1.25E+08	-	0.237853
Ptpn6	MmuINT0129038	chr6	1.25E+08	1.25E+08	-	0.05564
Ptpn6	MmuINT0129039	chr6	1.25E+08	1.25E+08	-	0.103552
Ptpn6	MmuINT0129040	chr6	1.25E+08	1.25E+08	-	0.055689
Ptpn6	MmuINT0129041	chr6	1.25E+08	1.25E+08	-	0.128179
Ptpn6	MmuINT0129042	chr6	1.25E+08	1.25E+08	-	0.050604
Ptpn6	MmuINT0129043	chr6	1.25E+08	1.25E+08	-	0.040796
Ptpn6	MmuINT0129044	chr6	1.25E+08	1.25E+08	-	0.091216
Ptpn6	MmuINT0129045	chr6	1.25E+08	1.25E+08	-	0.040528
Ptpn6	MmuINT0129046	chr6	1.25E+08	1.25E+08	-	0.158665
Ptpn6	MmuINT0129047	chr6	1.25E+08	1.25E+08	-	0.176623
Ptpn6	MmuINT0129048	chr6	1.25E+08	1.25E+08	-	0.057817
Ptpn6	MmuINT0129049	chr6	1.25E+08	1.25E+08	-	0.057517
Ptpn9	MmuINT0129060	chr9	56843464	56867710	+	0.072467
Ptpn9	MmuINT0129061	chr9	56904600	56905517	+	0.211739
Ptpn9	MmuINT0129062	chr9	56905669	56907660	+	0.093107
Ptpn9	MmuINT0129063	chr9	56907869	56908751	+	0.023704
Ptpn9	MmuINT0129064	chr9	56867855	56870014	+	0.035398
Ptpn9	MmuINT0129065	chr9	56870105	56870765	+	0.045899
Ptpn9	MmuINT0129066	chr9	56870891	56875182	+	0.0291
Ptpn9	MmuINT0129067	chr9	56875289	56880912	+	0.031931
Ptpn9	MmuINT0129068	chr9	56881024	56884289	+	0.043201
Ptpn9	MmuINT0129069	chr9	56884619	56892181	+	0.03578
Ptpn9	MmuINT0129070	chr9	56892276	56895997	+	0.03169
Ptpn9	MmuINT0129071	chr9	56896065	56904520	+	0.13856
Ptpna	MmuINT0129073	chr2	1.3E+08	1.3E+08	+	0.037
Ptpna	MmuINT0129074	chr2	1.3E+08	1.3E+08	+	0.014367
Ptpna	MmuINT0129075	chr2	1.3E+08	1.3E+08	+	0.012005
Ptpna	MmuINT0129076	chr2	1.3E+08	1.3E+08	+	0.011743
Ptpna	MmuINT0129077	chr2	1.3E+08	1.3E+08	+	0.009624
Ptpna	MmuINT0129078	chr2	1.3E+08	1.3E+08	+	0.015446
Ptpna	MmuINT0129079	chr2	1.3E+08	1.3E+08	+	0.011493
Ptpna	MmuINT0129080	chr2	1.3E+08	1.3E+08	+	0.0195
Ptpna	MmuINT0129081	chr2	1.3E+08	1.3E+08	+	0.023037
Ptpna	MmuINT0129082	chr2	1.3E+08	1.3E+08	+	0.019859
Ptpna	MmuINT0129083	chr2	1.3E+08	1.3E+08	+	0.019437
Ptpna	MmuINT0129084	chr2	1.3E+08	1.3E+08	+	0.013801
Ptpna	MmuINT0129085	chr2	1.3E+08	1.3E+08	+	0.011873
Ptpna	MmuINT0129086	chr2	1.3E+08	1.3E+08	+	0.010588
Ptpna	MmuINT0129087	chr2	1.3E+08	1.3E+08	+	0.010835
Ptpna	MmuINT0129088	chr2	1.3E+08	1.3E+08	+	0.014168
Ptpna	MmuINT0129089	chr2	1.3E+08	1.3E+08	+	0.009518
Ptpna	MmuINT0129090	chr2	1.3E+08	1.3E+08	+	0.007506

Ptpra	MmuINT0129093	chr2	1.3E+08	1.3E+08	+	0.007031
Ptprb	MmuINT0129094	chr10	1.16E+08	1.16E+08	+	0.020721
Ptprb	MmuINT0129095	chr10	1.16E+08	1.16E+08	+	0.009282
Ptprb	MmuINT0129096	chr10	1.16E+08	1.16E+08	+	0.006524
Ptprb	MmuINT0129097	chr10	1.16E+08	1.16E+08	+	0.008941
Ptprb	MmuINT0129098	chr10	1.16E+08	1.16E+08	+	0.005589
Ptprb	MmuINT0129099	chr10	1.16E+08	1.16E+08	+	0.006471
Ptprb	MmuINT0129100	chr10	1.16E+08	1.16E+08	+	0.008625
Ptprb	MmuINT0129101	chr10	1.16E+08	1.16E+08	+	0.015962
Ptprb	MmuINT0129102	chr10	1.16E+08	1.16E+08	+	0.009162
Ptprb	MmuINT0129103	chr10	1.16E+08	1.16E+08	+	0.007164
Ptprb	MmuINT0129104	chr10	1.16E+08	1.16E+08	+	0.006474
Ptprb	MmuINT0129105	chr10	1.16E+08	1.16E+08	+	0.009783
Ptprb	MmuINT0129106	chr10	1.16E+08	1.16E+08	+	0.008142
Ptprb	MmuINT0129107	chr10	1.16E+08	1.16E+08	+	0.012218
Ptprb	MmuINT0129108	chr10	1.16E+08	1.16E+08	+	0.010031
Ptprb	MmuINT0129109	chr10	1.16E+08	1.16E+08	+	0.006464
Ptprb	MmuINT0129110	chr10	1.16E+08	1.16E+08	+	0.010917
Ptprb	MmuINT0129111	chr10	1.16E+08	1.16E+08	+	0.01148
Ptprb	MmuINT0129112	chr10	1.16E+08	1.16E+08	+	0.006836
Ptprb	MmuINT0129113	chr10	1.16E+08	1.16E+08	+	0.007931
Ptprb	MmuINT0129114	chr10	1.16E+08	1.16E+08	+	0.010725
Ptprb	MmuINT0129115	chr10	1.16E+08	1.16E+08	+	0.010587
Ptprb	MmuINT0129116	chr10	1.16E+08	1.16E+08	+	0.00736
Ptprb	MmuINT0129117	chr10	1.16E+08	1.16E+08	+	0.009031
Ptprb	MmuINT0129118	chr10	1.16E+08	1.16E+08	+	0.053447
Ptprb	MmuINT0129119	chr10	1.16E+08	1.16E+08	+	0.009322
Ptprb	MmuINT0129120	chr10	1.16E+08	1.16E+08	+	0.010357
Ptprb	MmuINT0129121	chr10	1.16E+08	1.16E+08	+	0.015343
Ptprb	MmuINT0129122	chr10	1.16E+08	1.16E+08	+	0.007618
Ptprb	MmuINT0129123	chr10	1.16E+08	1.16E+08	+	0.008905
Ptprb	MmuINT0129124	chr10	1.16E+08	1.16E+08	+	0.007343
Ptprc	MmuINT0129135	chr1	1.4E+08	1.4E+08	-	0.054077
Ptprc	MmuINT0129139	chr1	1.4E+08	1.4E+08	-	0.060315
Ptprc	MmuINT0129146	chr1	1.4E+08	1.4E+08	-	0.056403
Ptprc	MmuINT0129147	chr1	1.4E+08	1.4E+08	-	0.065865
Ptprc	MmuINT0129148	chr1	1.4E+08	1.4E+08	-	0.039603
Ptprc	MmuINT0129149	chr1	1.4E+08	1.4E+08	-	0.061833
Ptprc	MmuINT0129150	chr1	1.4E+08	1.4E+08	-	0.108842
Ptprc	MmuINT0129153	chr1	1.4E+08	1.4E+08	-	0.056899
Ptprd	MmuINT0129171	chr4	75658085	75685184	-	0.067325
Ptprd	MmuINT0129180	chr4	75593083	75596554	-	0.060503
Ptprd	MmuINT0129182	chr4	75590931	75592946	-	0.037907
Ptpre	MmuINT0129191	chr7	1.43E+08	1.43E+08	+	0.077534
Ptpre	MmuINT0129193	chr7	1.43E+08	1.43E+08	+	0.045428
Ptpre	MmuINT0129194	chr7	1.43E+08	1.43E+08	+	0.087415
Ptpre	MmuINT0129195	chr7	1.43E+08	1.43E+08	+	0.051918
Ptpre	MmuINT0129196	chr7	1.43E+08	1.43E+08	+	0.055035
Ptpre	MmuINT0129197	chr7	1.43E+08	1.43E+08	+	0.097542
Ptpre	MmuINT0129198	chr7	1.43E+08	1.43E+08	+	0.125054

Ptpre	MmuINT0129200	chr7	1.43E+08	1.43E+08	+	0.112872
Ptprf	MmuINT0129213	chr4	1.18E+08	1.18E+08	-	0.062266
Ptprf	MmuINT0129219	chr4	1.18E+08	1.18E+08	-	0.052885
Ptprf	MmuINT0129222	chr4	1.18E+08	1.18E+08	-	0.060598
Ptprf	MmuINT0129224	chr4	1.18E+08	1.18E+08	-	0.062511
Ptprf	MmuINT0129226	chr4	1.18E+08	1.18E+08	-	0.05186
Ptprf	MmuINT0129227	chr4	1.18E+08	1.18E+08	-	0.070741
Ptprf	MmuINT0129230	chr4	1.18E+08	1.18E+08	-	0.055863
Ptprf	MmuINT0129231	chr4	1.18E+08	1.18E+08	-	0.074855
Ptprg	MmuINT0129239	chr14	12386847	12553628	+	0.02326
Ptprg	MmuINT0129240	chr14	12977999	12984529	+	0.023155
Ptprg	MmuINT0129242	chr14	12986941	12999258	+	0.014817
Ptprg	MmuINT0129245	chr14	13023288	13032235	+	0.020046
Ptprg	MmuINT0129246	chr14	13032328	13039797	+	0.015838
Ptprg	MmuINT0129247	chr14	13039895	13042781	+	0.016316
Ptprg	MmuINT0129248	chr14	13042865	13043053	+	0.014297
Ptprg	MmuINT0129249	chr14	13043189	13044098	+	0.015075
Ptprg	MmuINT0129250	chr14	12553734	12785229	+	0.014484
Ptprg	MmuINT0129251	chr14	13044234	13046147	+	0.01545
Ptprg	MmuINT0129252	chr14	13046321	13047701	+	0.022206
Ptprg	MmuINT0129253	chr14	13047838	13048375	+	0.012492
Ptprg	MmuINT0129254	chr14	13048523	13051452	+	0.015573
Ptprg	MmuINT0129255	chr14	13051547	13052522	+	0.020893
Ptprg	MmuINT0129256	chr14	13052600	13053105	+	0.022091
Ptprg	MmuINT0129257	chr14	13053235	13057983	+	0.016289
Ptprg	MmuINT0129258	chr14	13058131	13058825	+	0.014727
Ptprg	MmuINT0129259	chr14	13058969	13069542	+	0.022607
Ptprg	MmuINT0129260	chr14	13069679	13070240	+	0.011104
Ptprg	MmuINT0129261	chr14	12785410	12795087	+	0.014537
Ptprg	MmuINT0129262	chr14	12795237	12869854	+	0.017921
Ptprg	MmuINT0129263	chr14	12869951	12923928	+	0.018356
Ptprg	MmuINT0129264	chr14	12923996	12942489	+	0.023227
Ptprg	MmuINT0129265	chr14	12942648	12954491	+	0.016549
Ptprg	MmuINT0129266	chr14	12954685	12974897	+	0.011937
Ptprg	MmuINT0129267	chr14	12975083	12977889	+	0.021651
Ptprj	MmuINT0129294	chr2	90291014	90292216	-	0.060593
Ptprj	MmuINT0129295	chr2	90290139	90290971	-	0.03826
Ptprj	MmuINT0129296	chr2	90290021	90290129	-	0.034757
Ptprj	MmuINT0129306	chr2	90304885	90308406	-	0.076223
Ptprj	MmuINT0129307	chr2	90303496	90304620	-	0.05552
Ptprk	MmuINT0129311	chr10	27794984	27925939	+	0.027897
Ptprk	MmuINT0129312	chr10	28195093	28202993	+	0.018367
Ptprk	MmuINT0129313	chr10	28203100	28212719	+	0.025821
Ptprk	MmuINT0129314	chr10	28212994	28216714	+	0.022964
Ptprk	MmuINT0129315	chr10	28216752	28271423	+	0.019977
Ptprk	MmuINT0129316	chr10	28271563	28279810	+	0.018037
Ptprk	MmuINT0129319	chr10	28286486	28288132	+	0.042653
Ptprk	MmuINT0129320	chr10	28288221	28289702	+	0.019624
Ptprk	MmuINT0129322	chr10	27926063	27983306	+	0.020818
Ptprk	MmuINT0129324	chr10	28293211	28294624	+	0.013297

Ptprk	MmuINT0129325	chr10	28294723	28295395	+	0.021267
Ptprk	MmuINT0129326	chr10	28295513	28300198	+	0.022762
Ptprk	MmuINT0129327	chr10	28300354	28305365	+	0.019682
Ptprk	MmuINT0129328	chr10	28305502	28305728	+	0.011752
Ptprk	MmuINT0129329	chr10	28305879	28306713	+	0.021432
Ptprk	MmuINT0129330	chr10	28306888	28308733	+	0.019193
Ptprk	MmuINT0129331	chr10	28308866	28309064	+	0.012313
Ptprk	MmuINT0129332	chr10	28309191	28311690	+	0.018376
Ptprk	MmuINT0129333	chr10	27983579	28054281	+	0.092623
Ptprk	MmuINT0129334	chr10	28311855	28312575	+	0.017921
Ptprk	MmuINT0129335	chr10	28312712	28315607	+	0.020126
Ptprk	MmuINT0129336	chr10	28054364	28056227	+	0.023997
Ptprk	MmuINT0129337	chr10	28056344	28074410	+	0.023679
Ptprk	MmuINT0129338	chr10	28074586	28103236	+	0.020219
Ptprk	MmuINT0129339	chr10	28103531	28185563	+	0.015534
Ptprk	MmuINT0129340	chr10	28185867	28192753	+	0.021685
Ptprk	MmuINT0129341	chr10	28192864	28194890	+	0.015814
Ptprm	MmuINT0129342	chr17	67540712	67703296	-	0.036862
Ptprm	MmuINT0129343	chr17	67289926	67293467	-	0.003588
Ptprm	MmuINT0129345	chr17	67268401	67269362	-	0.005194
Ptprm	MmuINT0129346	chr17	67240397	67268363	-	0.004309
Ptprm	MmuINT0129347	chr17	67167318	67240263	-	0.003148
Ptprm	MmuINT0129348	chr17	67163882	67167165	-	0.004447
Ptprm	MmuINT0129349	chr17	67158994	67163806	-	0.012613
Ptprm	MmuINT0129350	chr17	67111557	67158805	-	0.004775
Ptprm	MmuINT0129351	chr17	67096518	67111468	-	0.00438
Ptprm	MmuINT0129352	chr17	67094097	67096440	-	0.005404
Ptprm	MmuINT0129353	chr17	67445036	67540588	-	0.005297
Ptprm	MmuINT0129354	chr17	67075178	67094059	-	0.006742
Ptprm	MmuINT0129355	chr17	67047823	67075079	-	0.005178
Ptprm	MmuINT0129356	chr17	67043267	67047705	-	0.026169
Ptprm	MmuINT0129357	chr17	67042939	67043111	-	0.004667
Ptprm	MmuINT0129358	chr17	67039915	67042802	-	0.003805
Ptprm	MmuINT0129359	chr17	67038858	67039764	-	0.003784
Ptprm	MmuINT0129360	chr17	67037723	67038683	-	0.005191
Ptprm	MmuINT0129361	chr17	67035080	67037590	-	0.005053
Ptprm	MmuINT0129362	chr17	67032875	67034953	-	0.006116
Ptprm	MmuINT0129363	chr17	67027477	67032710	-	0.006292
Ptprm	MmuINT0129364	chr17	67425008	67444763	-	0.006505
Ptprm	MmuINT0129365	chr17	67017022	67027340	-	0.009401
Ptprm	MmuINT0129366	chr17	67412498	67424928	-	0.007571
Ptprm	MmuINT0129367	chr17	67395499	67412381	-	0.005192
Ptprm	MmuINT0129368	chr17	67391729	67395323	-	0.004367
Ptprm	MmuINT0129369	chr17	67306459	67391434	-	0.005364
Ptprm	MmuINT0129370	chr17	67302518	67306149	-	0.00503
Ptprm	MmuINT0129371	chr17	67293670	67302407	-	0.00452
Ptprn	MmuINT0129384	chr1	75244742	75245300	-	0.905941
Ptprn	MmuINT0129385	chr1	75244486	75244676	-	0.029178
Ptprn	MmuINT0129386	chr1	75244196	75244411	-	0.248789
Ptprrr	MmuINT0129494	chr10	1.16E+08	1.16E+08	+	0.053132

Ptpr	MmuINT0129495	chr10	1.16E+08	1.16E+08	+	0.044604
Ptprs	MmuINT0129502	chr17	56567556	56568274	-	0.044575
Ptprs	MmuINT0129503	chr17	56565928	56567361	-	0.025128
Ptprs	MmuINT0129506	chr17	56563702	56564302	-	0.006685
Ptprs	MmuINT0129507	chr17	56563011	56563447	-	0.021131
Ptprs	MmuINT0129508	chr17	56562822	56562916	-	0.006775
Ptprs	MmuINT0129509	chr17	56561710	56562605	-	0.007291
Ptprs	MmuINT0129510	chr17	56561268	56561551	-	0.002491
Ptprs	MmuINT0129511	chr17	56594443	56597614	-	0.009027
Ptprs	MmuINT0129512	chr17	56560776	56561255	-	0.002698
Ptprs	MmuINT0129513	chr17	56559144	56560662	-	0.005431
Ptprs	MmuINT0129514	chr17	56558951	56559045	-	0.004866
Ptprs	MmuINT0129515	chr17	56558509	56558826	-	0.006095
Ptprs	MmuINT0129516	chr17	56558254	56558332	-	0.006234
Ptprs	MmuINT0129517	chr17	56557169	56558133	-	0.008129
Ptprs	MmuINT0129518	chr17	56556935	56557013	-	0.006094
Ptprs	MmuINT0129520	chr17	56554435	56556303	-	0.014496
Ptprs	MmuINT0129521	chr17	56554232	56554307	-	0.009215
Ptprs	MmuINT0129523	chr17	56553529	56554105	-	0.019707
Ptprs	MmuINT0129524	chr17	56553288	56553373	-	0.005632
Ptprs	MmuINT0129525	chr17	56552817	56553151	-	0.00589
Ptprs	MmuINT0129526	chr17	56591264	56593609	-	0.008293
Ptprs	MmuINT0129527	chr17	56586894	56591074	-	0.007619
Ptprs	MmuINT0129528	chr17	56577479	56586782	-	0.027924
Ptprs	MmuINT0129529	chr17	56575615	56577208	-	0.007205
Ptprs	MmuINT0129530	chr17	56574438	56575032	-	0.013564
Ptrf	MmuINT0129658	chr11	1.01E+08	1.01E+08	-	0.014037
Ptrh1	MmuINT0129659	chr2	32631416	32631823	+	0.043289
Ptrh1	MmuINT0129660	chr2	32632044	32632226	+	0.062728
Ptrh1	MmuINT0129662	chr2	32632549	32632641	+	0.075465
Ptrh2	MmuINT0129663	chr11	86497626	86503060	+	0.016834
Pts	MmuINT0129666	chr9	50335055	50336661	-	0.085842
Pts	MmuINT0129667	chr9	50333390	50334974	-	0.042199
Pts	MmuINT0129668	chr9	50332885	50333366	-	0.139429
Pts	MmuINT0129669	chr9	50330705	50332827	-	0.03678
Pts	MmuINT0129670	chr9	50330442	50330633	-	0.0111
Pttg1	MmuINT0129671	chr11	43233911	43234608	-	0.049288
Pttg1	MmuINT0129672	chr11	43236489	43238220	-	0.003197
Pttg1ip	MmuINT0129673	chr10	77044673	77049995	+	0.009604
Pttg1ip	MmuINT0129674	chr10	77050049	77052378	+	0.013046
Pttg1ip	MmuINT0129675	chr10	77052488	77055590	+	0.015683
Pttg1ip	MmuINT0129676	chr10	77055763	77056608	+	0.003362
Pttg1ip	MmuINT0129677	chr10	77056656	77059772	+	0.006257
Puf60	MmuINT0129682	chr15	75901058	75901178	-	0.002269
Puf60	MmuINT0129683	chr15	75906263	75908030	-	0.004771
Puf60	MmuINT0129684	chr15	75906062	75906166	-	0.0104
Puf60	MmuINT0129685	chr15	75902999	75905971	-	0.070249
Puf60	MmuINT0129686	chr15	75902756	75902836	-	0.003769
Puf60	MmuINT0129687	chr15	75902384	75902662	-	0.003326
Puf60	MmuINT0129688	chr15	75902087	75902169	-	0.011707

Puf60	MmuINT0129689	chr15	75901748	75901895	-	0.013332
Puf60	MmuINT0129690	chr15	75901415	75901611	-	0.004934
Pum1	MmuINT0129693	chr4	1.3E+08	1.3E+08	+	0.010445
Pum1	MmuINT0129694	chr4	1.3E+08	1.3E+08	+	0.009548
Pum1	MmuINT0129695	chr4	1.3E+08	1.3E+08	+	0.010899
Pum1	MmuINT0129696	chr4	1.3E+08	1.3E+08	+	0.008096
Pum1	MmuINT0129697	chr4	1.3E+08	1.3E+08	+	0.009317
Pum1	MmuINT0129698	chr4	1.3E+08	1.3E+08	+	0.007427
Pum1	MmuINT0129699	chr4	1.3E+08	1.3E+08	+	0.007948
Pum1	MmuINT0129700	chr4	1.3E+08	1.3E+08	+	0.006958
Pum1	MmuINT0129701	chr4	1.3E+08	1.3E+08	+	0.008348
Pum1	MmuINT0129702	chr4	1.3E+08	1.3E+08	+	0.013167
Pum1	MmuINT0129703	chr4	1.3E+08	1.3E+08	+	0.011069
Pum1	MmuINT0129704	chr4	1.3E+08	1.3E+08	+	0.023896
Pum1	MmuINT0129705	chr4	1.3E+08	1.3E+08	+	0.0202
Pum1	MmuINT0129706	chr4	1.3E+08	1.3E+08	+	0.01445
Pum1	MmuINT0129707	chr4	1.3E+08	1.3E+08	+	0.01049
Pum1	MmuINT0129708	chr4	1.3E+08	1.3E+08	+	0.011561
Pum1	MmuINT0129709	chr4	1.3E+08	1.3E+08	+	0.011405
Pum1	MmuINT0129710	chr4	1.3E+08	1.3E+08	+	0.012475
Pum1	MmuINT0129711	chr4	1.3E+08	1.3E+08	+	0.009764
Pum2	MmuINT0129722	chr12	8681287	8704896	+	0.008071
Pum2	MmuINT0129723	chr12	8725920	8728470	+	0.006782
Pum2	MmuINT0129724	chr12	8728614	8730852	+	0.003179
Pum2	MmuINT0129725	chr12	8730986	8735439	+	0.005248
Pum2	MmuINT0129726	chr12	8735584	8735661	+	0.004446
Pum2	MmuINT0129727	chr12	8735956	8750566	+	0.011701
Pum2	MmuINT0129728	chr12	8750835	8751142	+	0.00376
Pum2	MmuINT0129729	chr12	8751273	8751420	+	0.004251
Pum2	MmuINT0129730	chr12	8754101	8754916	+	0.004628
Pum2	MmuINT0129731	chr12	8755043	8755203	+	0.004492
Pum2	MmuINT0129732	chr12	8704966	8705869	+	0.040415
Pum2	MmuINT0129733	chr12	8755326	8755566	+	0.006726
Pum2	MmuINT0129734	chr12	8755760	8756394	+	0.008725
Pum2	MmuINT0129736	chr12	8707029	8712738	+	0.017164
Pum2	MmuINT0129737	chr12	8712848	8716127	+	0.006591
Pum2	MmuINT0129738	chr12	8716316	8716964	+	0.003149
Pum2	MmuINT0129739	chr12	8717132	8720165	+	0.004057
Pum2	MmuINT0129740	chr12	8720437	8720649	+	0.00396
Pum2	MmuINT0129741	chr12	8720744	8725793	+	0.014137
Pura	MmuINT0129742	chr18	36441204	36446685	+	0.162708
Purg	MmuINT0129743	chr8	34497681	34527028	+	0.586136
Pus1	MmuINT0129746	chr5	1.11E+08	1.11E+08	-	0.076333
Pus1	MmuINT0129747	chr5	1.11E+08	1.11E+08	-	0.021816
Pus1	MmuINT0129748	chr5	1.11E+08	1.11E+08	-	0.03973
Pus1	MmuINT0129749	chr5	1.11E+08	1.11E+08	-	0.010689
Pus1	MmuINT0129750	chr5	1.11E+08	1.11E+08	-	0.01183
Pus10	MmuINT0129752	chr11	23611282	23612199	+	0.039523
Pus10	MmuINT0129753	chr11	23612326	23617561	+	0.083486
Pus10	MmuINT0129754	chr11	23617619	23618575	+	0.118661

Pus10	MmuINT0129755	chr11	23618653	23618748	+	0.056979
Pus10	MmuINT0129756	chr11	23618805	23620103	+	0.079582
Pus10	MmuINT0129757	chr11	23620222	23625431	+	0.027607
Pus10	MmuINT0129758	chr11	23625575	23628974	+	0.119655
Pus10	MmuINT0129759	chr11	23629075	23631320	+	0.131842
Pus10	MmuINT0129760	chr11	23572757	23573237	+	0.044129
Pus10	MmuINT0129761	chr11	23573325	23599929	+	0.03321
Pus10	MmuINT0129762	chr11	23599965	23602889	+	0.046562
Pus10	MmuINT0129763	chr11	23603002	23606884	+	0.062438
Pus10	MmuINT0129764	chr11	23606947	23607522	+	0.086959
Pus10	MmuINT0129765	chr11	23607569	23608757	+	0.169221
Pus10	MmuINT0129766	chr11	23608823	23611195	+	0.05583
Pus3	MmuINT0129768	chr9	35367103	35372368	+	0.059769
Pus3	MmuINT0129769	chr9	35372783	35372874	+	0.12708
Pus3	MmuINT0129770	chr9	35373441	35374005	+	0.145799
Pus7	MmuINT0129771	chr5	23284318	23289329	-	0.049098
Pus7	MmuINT0129773	chr5	23253739	23254500	-	0.007489
Pus7	MmuINT0129774	chr5	23252346	23253611	-	0.037997
Pus7	MmuINT0129775	chr5	23249365	23252243	-	0.025379
Pus7	MmuINT0129777	chr5	23247795	23248161	-	0.013777
Pus7	MmuINT0129778	chr5	23281787	23283890	-	0.021301
Pus7	MmuINT0129779	chr5	23281589	23281701	-	0.011978
Pus7	MmuINT0129782	chr5	23266118	23268180	-	0.002885
Pus7	MmuINT0129784	chr5	23258206	23260275	-	0.015497
Pus7	MmuINT0129785	chr5	23255685	23258079	-	0.024407
Pus7l	MmuINT0129793	chr15	94354083	94356221	-	0.055637
Pusl1	MmuINT0129794	chr4	1.55E+08	1.55E+08	-	0.441405
Pusl1	MmuINT0129795	chr4	1.55E+08	1.55E+08	-	0.614538
Pusl1	MmuINT0129796	chr4	1.55E+08	1.55E+08	-	0.173042
Pusl1	MmuINT0129797	chr4	1.55E+08	1.55E+08	-	0.081587
Pusl1	MmuINT0129798	chr4	1.55E+08	1.55E+08	-	0.394839
Pusl1	MmuINT0129799	chr4	1.55E+08	1.55E+08	-	0.20148
Pusl1	MmuINT0129800	chr4	1.55E+08	1.55E+08	-	0.118819
Pvr	MmuINT0129804	chr7	20504259	20506301	-	0.005864
Pvr	MmuINT0129805	chr7	20502520	20503910	-	0.01979
Pvr	MmuINT0129806	chr7	20500214	20502222	-	0.0181
Pvr	MmuINT0129807	chr7	20496106	20500086	-	0.049296
Pvr	MmuINT0129808	chr7	20494653	20495953	-	0.022233
Pvr	MmuINT0129809	chr7	20491163	20494529	-	0.096555
Pvr	MmuINT0129810	chr7	20490542	20491127	-	0.024765
Pvrl2	MmuINT0129817	chr7	20323724	20334563	-	0.008237
Pvrl2	MmuINT0129818	chr7	20318561	20323360	-	0.006549
Pvrl2	MmuINT0129819	chr7	20316079	20318263	-	0.003869
Pvrl2	MmuINT0129820	chr7	20315536	20315960	-	0.012047
Pvrl2	MmuINT0129821	chr7	20306856	20315386	-	0.167873
Pvrl2	MmuINT0129822	chr7	20304846	20306701	-	0.056623
Pvrl2	MmuINT0129824	chr7	20303137	20304544	-	0.08146
Pvrl3	MmuINT0129826	chr16	46464273	46496727	-	0.054805
Pvrl3	MmuINT0129827	chr16	46459225	46463930	-	0.027624
Pvrl3	MmuINT0129828	chr16	46458345	46458927	-	0.030731

Pvrl3	MmuINT0129829	chr16	46454889	46458226	-	0.031028
Pwp1	MmuINT0129850	chr10	85334760	85337022	+	0.012002
Pwp1	MmuINT0129851	chr10	85345678	85347207	+	0.027582
Pwp1	MmuINT0129852	chr10	85347320	85348354	+	0.026112
Pwp1	MmuINT0129853	chr10	85348446	85348541	+	0.016421
Pwp1	MmuINT0129854	chr10	85348664	85349967	+	0.021032
Pwp1	MmuINT0129855	chr10	85350074	85350774	+	0.018166
Pwp1	MmuINT0129856	chr10	85337082	85337193	+	0.016676
Pwp1	MmuINT0129857	chr10	85337379	85339042	+	0.022569
Pwp1	MmuINT0129858	chr10	85339129	85339230	+	0.014168
Pwp1	MmuINT0129859	chr10	85339328	85341223	+	0.015547
Pwp1	MmuINT0129860	chr10	85341335	85342006	+	0.015652
Pwp1	MmuINT0129861	chr10	85342138	85342574	+	0.027172
Pwp1	MmuINT0129862	chr10	85342637	85344747	+	0.018684
Pwp1	MmuINT0129863	chr10	85344845	85345615	+	0.007164
Pwp2	MmuINT0129864	chr10	77646916	77647815	-	0.100978
Pwp2	MmuINT0129865	chr10	77641322	77641705	-	0.027078
Pwp2	MmuINT0129866	chr10	77641059	77641172	-	0.020098
Pwp2	MmuINT0129867	chr10	77640646	77640910	-	0.01665
Pwp2	MmuINT0129868	chr10	77639882	77640494	-	0.01267
Pwp2	MmuINT0129869	chr10	77639146	77639700	-	0.016606
Pwp2	MmuINT0129870	chr10	77638340	77638997	-	0.017268
Pwp2	MmuINT0129871	chr10	77637742	77638230	-	0.020486
Pwp2	MmuINT0129872	chr10	77636797	77637675	-	0.027478
Pwp2	MmuINT0129873	chr10	77636469	77636577	-	0.020517
Pwp2	MmuINT0129874	chr10	77636201	77636317	-	0.035854
Pwp2	MmuINT0129875	chr10	77645786	77646802	-	0.064256
Pwp2	MmuINT0129876	chr10	77634880	77636125	-	0.034086
Pwp2	MmuINT0129877	chr10	77645468	77645690	-	0.13263
Pwp2	MmuINT0129878	chr10	77645275	77645367	-	0.025882
Pwp2	MmuINT0129879	chr10	77644392	77645130	-	0.034347
Pwp2	MmuINT0129880	chr10	77644024	77644255	-	0.020358
Pwp2	MmuINT0129881	chr10	77643015	77643793	-	0.02696
Pwp2	MmuINT0129882	chr10	77642531	77642870	-	0.039502
Pwp2	MmuINT0129883	chr10	77641843	77642459	-	0.022516
Pwwp2a	MmuINT0129884	chr11	43496119	43518035	+	0.160559
Pwwp2a	MmuINT0129885	chr11	43530652	43533722	+	0.347452
Pxdn	MmuINT0129889	chr12	30675874	30678238	+	0.012379
Pxdn	MmuINT0129890	chr12	30678356	30679288	+	0.018313
Pxdn	MmuINT0129891	chr12	30679448	30680136	+	0.014545
Pxdn	MmuINT0129892	chr12	30680250	30681297	+	0.009821
Pxdn	MmuINT0129893	chr12	30681455	30684029	+	0.021135
Pxdn	MmuINT0129894	chr12	30684139	30684756	+	0.136712
Pxdn	MmuINT0129895	chr12	30684915	30686785	+	0.00892
Pxdn	MmuINT0129896	chr12	30688290	30690580	+	0.007525
Pxdn	MmuINT0129897	chr12	30690716	30691390	+	0.006902
Pxdn	MmuINT0129898	chr12	30691600	30696698	+	0.00775
Pxdn	MmuINT0129900	chr12	30696820	30697080	+	0.010694
Pxdn	MmuINT0129901	chr12	30697211	30699330	+	0.014735
Pxdn	MmuINT0129902	chr12	30699445	30700315	+	0.007044



Pxdn	MmuINT0129906	chr12	30667635	30669293	+	0.015299
Pxdn	MmuINT0129907	chr12	30669464	30669731	+	0.008606
Pxdn	MmuINT0129908	chr12	30669850	30671928	+	0.007147
Pxdn	MmuINT0129909	chr12	30672099	30675600	+	0.025338
Pxk	MmuINT0129911	chr14	8930931	8952334	+	0.019096
Pxk	MmuINT0129912	chr14	8976752	8977107	+	0.00812
Pxk	MmuINT0129913	chr14	8977226	8978707	+	0.03727
Pxk	MmuINT0129914	chr14	8978787	8980593	+	0.076366
Pxk	MmuINT0129915	chr14	8980643	8983440	+	0.010428
Pxk	MmuINT0129916	chr14	8983519	8984008	+	0.007857
Pxk	MmuINT0129917	chr14	8984096	8984594	+	0.012603
Pxk	MmuINT0129918	chr14	8984665	8987796	+	0.082074
Pxk	MmuINT0129921	chr14	8952386	8954858	+	0.020533
Pxk	MmuINT0129922	chr14	8954907	8963117	+	0.042006
Pxk	MmuINT0129923	chr14	8963305	8969382	+	0.013956
Pxk	MmuINT0129924	chr14	8969461	8969859	+	0.025331
Pxk	MmuINT0129925	chr14	8969934	8970503	+	0.027801
Pxk	MmuINT0129926	chr14	8970579	8973155	+	0.0163
Pxk	MmuINT0129927	chr14	8973261	8973956	+	0.008676
Pxk	MmuINT0129928	chr14	8974059	8976589	+	0.013828
Pxmp2	MmuINT0129929	chr5	1.11E+08	1.11E+08	-	0.001117
Pxmp2	MmuINT0129930	chr5	1.11E+08	1.11E+08	-	0.01735
Pxmp2	MmuINT0129931	chr5	1.11E+08	1.11E+08	-	0.008725
Pxmp2	MmuINT0129932	chr5	1.11E+08	1.11E+08	-	0.005986
Pxmp3	MmuINT0129937	chr3	5570630	5576037	-	0.117985
Pxmp3	MmuINT0129938	chr3	5563730	5570486	-	0.25079
Pxmp3	MmuINT0129939	chr3	5563273	5563619	-	0.005488
Pxmp3	MmuINT0129940	chr3	5561765	5563164	-	0.047506
Pxmp4	MmuINT0129941	chr2	1.54E+08	1.54E+08	-	0.010833
Pxmp4	MmuINT0129942	chr2	1.54E+08	1.54E+08	-	0.01836
Pxmp4	MmuINT0129943	chr2	1.54E+08	1.54E+08	-	0.008774
Pxn	MmuINT0129944	chr5	1.16E+08	1.16E+08	+	0.006827
Pxn	MmuINT0129945	chr5	1.16E+08	1.16E+08	+	0.016072
Pxn	MmuINT0129946	chr5	1.16E+08	1.16E+08	+	0.009249
Pxn	MmuINT0129947	chr5	1.16E+08	1.16E+08	+	0.012995
Pxn	MmuINT0129948	chr5	1.16E+08	1.16E+08	+	0.008301
Pxn	MmuINT0129949	chr5	1.16E+08	1.16E+08	+	0.009552
Pxn	MmuINT0129950	chr5	1.16E+08	1.16E+08	+	0.172177
Pxn	MmuINT0129951	chr5	1.16E+08	1.16E+08	+	0.016276
Pxn	MmuINT0129952	chr5	1.16E+08	1.16E+08	+	0.066875
Pxn	MmuINT0129953	chr5	1.16E+08	1.16E+08	+	0.014086
Pycard	MmuINT0129958	chr7	1.35E+08	1.35E+08	-	0.007726
Pycard	MmuINT0129959	chr7	1.35E+08	1.35E+08	-	0.008982
Pycr2	MmuINT0129967	chr1	1.83E+08	1.83E+08	+	0.020059
Pycr2	MmuINT0129968	chr1	1.83E+08	1.83E+08	+	0.026119
Pycr2	MmuINT0129969	chr1	1.83E+08	1.83E+08	+	0.033047
Pycr2	MmuINT0129970	chr1	1.83E+08	1.83E+08	+	0.028127
Pycr2	MmuINT0129971	chr1	1.83E+08	1.83E+08	+	0.012266
Pycr2	MmuINT0129972	chr1	1.83E+08	1.83E+08	+	0.02003
Pycrl	MmuINT0129973	chr15	75749724	75751805	-	0.015785

Pycri	MmuINT0129974	chr15	75749283	75749658	-	0.015432
Pycri	MmuINT0129975	chr15	75748895	75749102	-	0.008401
Pycri	MmuINT0129976	chr15	75747760	75748681	-	0.077278
Pycri	MmuINT0129977	chr15	75747510	75747666	-	0.050231
Pygb	MmuINT0129978	chr2	1.51E+08	1.51E+08	+	0.000477
Pygb	MmuINT0129979	chr2	1.51E+08	1.51E+08	+	0.007968
Pygb	MmuINT0129980	chr2	1.51E+08	1.51E+08	+	0.000692
Pygb	MmuINT0129981	chr2	1.51E+08	1.51E+08	+	0.000395
Pygb	MmuINT0129982	chr2	1.51E+08	1.51E+08	+	0.000539
Pygb	MmuINT0129983	chr2	1.51E+08	1.51E+08	+	0.00738
Pygb	MmuINT0129984	chr2	1.51E+08	1.51E+08	+	0.003821
Pygb	MmuINT0129985	chr2	1.51E+08	1.51E+08	+	0.001338
Pygb	MmuINT0129987	chr2	1.51E+08	1.51E+08	+	0.000902
Pygb	MmuINT0129988	chr2	1.51E+08	1.51E+08	+	0.00073
Pygb	MmuINT0129989	chr2	1.51E+08	1.51E+08	+	0.000758
Pygb	MmuINT0129990	chr2	1.51E+08	1.51E+08	+	0.000915
Pygb	MmuINT0129991	chr2	1.51E+08	1.51E+08	+	0.000548
Pygb	MmuINT0129992	chr2	1.51E+08	1.51E+08	+	0.000657
Pygb	MmuINT0129993	chr2	1.51E+08	1.51E+08	+	0.000965
Pygb	MmuINT0129994	chr2	1.51E+08	1.51E+08	+	0.001871
Pygb	MmuINT0129995	chr2	1.51E+08	1.51E+08	+	0.002804
Pygb	MmuINT0129996	chr2	1.51E+08	1.51E+08	+	0.003124
Pygl	MmuINT0129997	chr12	71323914	71328327	-	0.036354
Pygl	MmuINT0129998	chr12	71300793	71301118	-	0.063036
Pygl	MmuINT0129999	chr12	71299532	71300628	-	0.050063
Pygl	MmuINT0130000	chr12	71298749	71299416	-	0.041017
Pygl	MmuINT0130001	chr12	71298533	71298646	-	0.047219
Pygl	MmuINT0130002	chr12	71298264	71298384	-	0.047523
Pygl	MmuINT0130003	chr12	71298100	71298204	-	0.068954
Pygl	MmuINT0130004	chr12	71296699	71297957	-	0.051016
Pygl	MmuINT0130005	chr12	71295355	71296490	-	0.042345
Pygl	MmuINT0130008	chr12	71320655	71323811	-	0.065805
Pygl	MmuINT0130009	chr12	71317654	71320575	-	0.068145
Pygl	MmuINT0130010	chr12	71312146	71317549	-	0.052612
Pygl	MmuINT0130011	chr12	71308770	71312013	-	0.057989
Pygl	MmuINT0130012	chr12	71307432	71308657	-	0.060407
Pygl	MmuINT0130013	chr12	71302976	71307348	-	0.051538
Pygl	MmuINT0130014	chr12	71302349	71302831	-	0.050716
Pygl	MmuINT0130015	chr12	71301266	71302255	-	0.077074
Pygm	MmuINT0130016	chr19	6384722	6385684	+	0.003826
Pygm	MmuINT0130017	chr19	6389603	6389772	+	0.004032
Pygm	MmuINT0130018	chr19	6389937	6390330	+	0.000685
Pygm	MmuINT0130019	chr19	6390446	6390939	+	0.001005
Pygm	MmuINT0130020	chr19	6391042	6391332	+	0.000652
Pygm	MmuINT0130021	chr19	6391481	6392678	+	0.021128
Pygm	MmuINT0130022	chr19	6392738	6392847	+	0.001336
Pygm	MmuINT0130023	chr19	6392990	6393715	+	0.000882
Pygm	MmuINT0130024	chr19	6393924	6397577	+	0.009651
Pygm	MmuINT0130025	chr19	6397713	6397865	+	0.001714
Pygm	MmuINT0130026	chr19	6397933	6398044	+	0.000624

Pygm	MmuINT0130027	chr19	6385787	6385865	+	0.000457
Pygm	MmuINT0130028	chr19	6385945	6386023	+	0.00207
Pygm	MmuINT0130029	chr19	6386128	6386373	+	0.004746
Pygm	MmuINT0130030	chr19	6386506	6388062	+	0.000679
Pygm	MmuINT0130031	chr19	6388175	6388266	+	0.002749
Pygm	MmuINT0130032	chr19	6388350	6388736	+	0.00773
Pygm	MmuINT0130033	chr19	6388881	6389159	+	0.001331
Pygm	MmuINT0130034	chr19	6389253	6389455	+	0.000332
Pygo2	MmuINT0130037	chr3	89234941	89235048	+	0.970581
Pygo2	MmuINT0130038	chr3	89235099	89236371	+	0.098542
Pyroxd1	MmuINT0130045	chr6	1.42E+08	1.42E+08	+	0.020787
Pyroxd1	MmuINT0130046	chr6	1.42E+08	1.42E+08	+	0.033797
Pyroxd1	MmuINT0130047	chr6	1.42E+08	1.42E+08	+	0.114037
Pyroxd1	MmuINT0130048	chr6	1.42E+08	1.42E+08	+	0.014979
Pyroxd1	MmuINT0130049	chr6	1.42E+08	1.42E+08	+	0.034334
Pyroxd1	MmuINT0130050	chr6	1.42E+08	1.42E+08	+	0.033361
Pyroxd1	MmuINT0130051	chr6	1.42E+08	1.42E+08	+	0.053021
Pyroxd1	MmuINT0130052	chr6	1.42E+08	1.42E+08	+	0.045775
Pyroxd1	MmuINT0130053	chr6	1.42E+08	1.42E+08	+	0.064149
Pyroxd1	MmuINT0130054	chr6	1.42E+08	1.42E+08	+	0.114679
Pyroxd1	MmuINT0130055	chr6	1.42E+08	1.42E+08	+	0.091751
Pzp	MmuINT0130096	chr6	1.28E+08	1.28E+08	-	0.035462
Pzp	MmuINT0130098	chr6	1.28E+08	1.28E+08	-	0.046705
Pzp	MmuINT0130099	chr6	1.28E+08	1.28E+08	-	0.033907
Qars	MmuINT0130107	chr9	1.08E+08	1.08E+08	+	0.005539
Qars	MmuINT0130108	chr9	1.08E+08	1.08E+08	+	0.014651
Qars	MmuINT0130109	chr9	1.08E+08	1.08E+08	+	0.013949
Qars	MmuINT0130110	chr9	1.08E+08	1.08E+08	+	0.017969
Qars	MmuINT0130111	chr9	1.08E+08	1.08E+08	+	0.015778
Qars	MmuINT0130112	chr9	1.08E+08	1.08E+08	+	0.015015
Qars	MmuINT0130113	chr9	1.08E+08	1.08E+08	+	0.032562
Qars	MmuINT0130114	chr9	1.08E+08	1.08E+08	+	0.009378
Qars	MmuINT0130115	chr9	1.08E+08	1.08E+08	+	0.015785
Qars	MmuINT0130116	chr9	1.08E+08	1.08E+08	+	0.006268
Qars	MmuINT0130117	chr9	1.08E+08	1.08E+08	+	0.006623
Qars	MmuINT0130118	chr9	1.08E+08	1.08E+08	+	0.007539
Qars	MmuINT0130119	chr9	1.08E+08	1.08E+08	+	0.005992
Qars	MmuINT0130120	chr9	1.08E+08	1.08E+08	+	0.026165
Qars	MmuINT0130121	chr9	1.08E+08	1.08E+08	+	0.033472
Qars	MmuINT0130122	chr9	1.08E+08	1.08E+08	+	0.120646
Qars	MmuINT0130123	chr9	1.08E+08	1.08E+08	+	0.006669
Qars	MmuINT0130124	chr9	1.08E+08	1.08E+08	+	0.007735
Qars	MmuINT0130125	chr9	1.08E+08	1.08E+08	+	0.015264
Qars	MmuINT0130126	chr9	1.08E+08	1.08E+08	+	0.005854
Qars	MmuINT0130127	chr9	1.08E+08	1.08E+08	+	0.012083
Qars	MmuINT0130128	chr9	1.08E+08	1.08E+08	+	0.00769
Qdpr	MmuINT0130129	chr5	45838908	45841245	-	0.013017
Qdpr	MmuINT0130130	chr5	45835983	45838814	-	0.006885
Qdpr	MmuINT0130131	chr5	45834817	45835885	-	0.004174
Qdpr	MmuINT0130132	chr5	45830633	45834675	-	0.004619

Qdpr	MmuINT0130133	chr5	45829166	45830523	-	0.002883
Qdpr	MmuINT0130134	chr5	45825918	45829081	-	0.004246
Qk	MmuINT0130136	chr17	10466929	10475703	-	0.00079
Qk	MmuINT0130138	chr17	10410669	10431757	-	0.001197
Qk	MmuINT0130139	chr17	10409325	10410580	-	0.042649
Qpct	MmuINT0130143	chr17	79470292	79476821	+	0.050024
Qpct	MmuINT0130146	chr17	79481204	79488962	+	0.070349
Qpctl	MmuINT0130147	chr7	19733869	19734324	-	0.039117
Qpctl	MmuINT0130148	chr7	19732501	19733724	-	0.134585
Qpctl	MmuINT0130149	chr7	19730386	19732218	-	0.129077
Qpctl	MmuINT0130150	chr7	19730109	19730232	-	0.046185
Qpctl	MmuINT0130151	chr7	19728652	19730008	-	0.117095
Qpctl	MmuINT0130152	chr7	19726649	19728534	-	0.070255
Qrich1	MmuINT0130162	chr9	1.08E+08	1.08E+08	+	0.812736
Qrich1	MmuINT0130163	chr9	1.08E+08	1.08E+08	+	0.023133
Qrich1	MmuINT0130164	chr9	1.08E+08	1.08E+08	+	0.024545
Qrich1	MmuINT0130165	chr9	1.08E+08	1.08E+08	+	0.008774
Qrich1	MmuINT0130166	chr9	1.08E+08	1.08E+08	+	0.006672
Qrich1	MmuINT0130167	chr9	1.08E+08	1.08E+08	+	0.018858
Qrich1	MmuINT0130168	chr9	1.08E+08	1.08E+08	+	0.011901
Qrich1	MmuINT0130169	chr9	1.08E+08	1.08E+08	+	0.015095
Qrich1	MmuINT0130170	chr9	1.08E+08	1.08E+08	+	0.032012
Qrich1	MmuINT0130171	chr9	1.08E+08	1.08E+08	+	0.020725
Qrs11	MmuINT0130186	chr10	43615975	43621419	-	0.023591
Qrs11	MmuINT0130187	chr10	43594513	43596277	-	0.02962
Qrs11	MmuINT0130188	chr10	43615339	43615814	-	0.00659
Qrs11	MmuINT0130189	chr10	43614418	43615239	-	0.006697
Qrs11	MmuINT0130190	chr10	43608943	43614320	-	0.007233
Qrs11	MmuINT0130191	chr10	43604925	43608774	-	0.017926
Qrs11	MmuINT0130192	chr10	43604668	43604748	-	0.005883
Qrs11	MmuINT0130193	chr10	43602065	43604554	-	0.024376
Qrs11	MmuINT0130194	chr10	43601397	43601871	-	0.058383
Qrs11	MmuINT0130195	chr10	43596484	43601278	-	0.121978
Qser1	MmuINT0130196	chr2	1.05E+08	1.05E+08	-	0.029924
Qser1	MmuINT0130197	chr2	1.05E+08	1.05E+08	-	0.015618
Qser1	MmuINT0130198	chr2	1.05E+08	1.05E+08	-	0.034934
Qser1	MmuINT0130200	chr2	1.05E+08	1.05E+08	-	0.009794
Qser1	MmuINT0130201	chr2	1.05E+08	1.05E+08	-	0.011446
Qser1	MmuINT0130202	chr2	1.05E+08	1.05E+08	-	0.010762
Qser1	MmuINT0130203	chr2	1.05E+08	1.05E+08	-	0.007887
Qser1	MmuINT0130204	chr2	1.05E+08	1.05E+08	-	0.093326
Qser1	MmuINT0130205	chr2	1.05E+08	1.05E+08	-	0.08922
Qser1	MmuINT0130206	chr2	1.05E+08	1.05E+08	-	0.013052
Qsox1	MmuINT0130207	chr1	1.58E+08	1.58E+08	-	0.006842
Qsox1	MmuINT0130208	chr1	1.58E+08	1.58E+08	-	0.009152
Qsox1	MmuINT0130209	chr1	1.58E+08	1.58E+08	-	0.010311
Qsox1	MmuINT0130210	chr1	1.58E+08	1.58E+08	-	0.437433
Qsox1	MmuINT0130211	chr1	1.58E+08	1.58E+08	-	0.032911
Qsox1	MmuINT0130212	chr1	1.58E+08	1.58E+08	-	0.011229
Qsox1	MmuINT0130213	chr1	1.58E+08	1.58E+08	-	0.137156

Qsox1	MmuINT0130214	chr1	1.58E+08	1.58E+08	-	0.011435
Qsox1	MmuINT0130215	chr1	1.58E+08	1.58E+08	-	0.007202
Qsox1	MmuINT0130216	chr1	1.58E+08	1.58E+08	-	0.009021
Qsox1	MmuINT0130217	chr1	1.58E+08	1.58E+08	-	0.009806
Qsox1	MmuINT0130218	chr1	1.58E+08	1.58E+08	-	0.00716
Qsox2	MmuINT0130219	chr2	26083968	26092562	-	0.024385
Qsox2	MmuINT0130220	chr2	26069690	26073152	-	0.013705
Qsox2	MmuINT0130221	chr2	26066980	26069500	-	0.03627
Qsox2	MmuINT0130222	chr2	26065314	26066793	-	0.764318
Qsox2	MmuINT0130223	chr2	26081807	26083866	-	0.04769
Qsox2	MmuINT0130224	chr2	26080775	26081757	-	0.033763
Qsox2	MmuINT0130225	chr2	26080452	26080668	-	0.020183
Qsox2	MmuINT0130226	chr2	26077887	26080360	-	0.039477
Qsox2	MmuINT0130227	chr2	26076564	26077740	-	0.07156
Qsox2	MmuINT0130228	chr2	26076280	26076428	-	0.041153
Qsox2	MmuINT0130229	chr2	26074252	26076149	-	0.013506
Qsox2	MmuINT0130230	chr2	26073304	26074128	-	0.058098
Qtrt1	MmuINT0130231	chr9	21216542	21216676	+	0.060945
Qtrt1	MmuINT0130232	chr9	21216746	21216836	+	0.088502
Qtrt1	MmuINT0130233	chr9	21216976	21221508	+	0.137649
Qtrt1	MmuINT0130234	chr9	21221588	21221715	+	0.034824
Qtrt1	MmuINT0130235	chr9	21221832	21222727	+	0.085781
Qtrt1	MmuINT0130236	chr9	21222867	21223734	+	0.298378
Qtrt1	MmuINT0130237	chr9	21223811	21223882	+	0.083814
Qtrt1	MmuINT0130238	chr9	21223993	21224068	+	0.179798
Qtrt1	MmuINT0130239	chr9	21224157	21224479	+	0.168459
Qtrtd1	MmuINT0130240	chr16	43881327	43889679	-	0.03862
Qtrtd1	MmuINT0130241	chr16	43880468	43881105	-	0.230535
Qtrtd1	MmuINT0130244	chr16	43869211	43871733	-	0.378853
Qtrtd1	MmuINT0130245	chr16	43867641	43869058	-	0.246234
Qtrtd1	MmuINT0130246	chr16	43863415	43867522	-	0.034418
R3hcc1	MmuINT0130247	chr14	70106989	70107312	-	0.29376
R3hcc1	MmuINT0130248	chr14	70106492	70106860	-	0.009399
R3hcc1	MmuINT0130249	chr14	70105686	70106353	-	0.007501
R3hcc1	MmuINT0130250	chr14	70103934	70104940	-	0.025654
R3hcc1	MmuINT0130251	chr14	70099838	70103760	-	0.038264
R3hcc1	MmuINT0130252	chr14	70098487	70099766	-	0.020454
R3hcc1	MmuINT0130253	chr14	70097410	70098390	-	0.075988
R3hdm1	MmuINT0130254	chr1	1.3E+08	1.3E+08	+	0.008601
R3hdm1	MmuINT0130255	chr1	1.3E+08	1.3E+08	+	0.007965
R3hdm1	MmuINT0130256	chr1	1.3E+08	1.3E+08	+	0.010802
R3hdm1	MmuINT0130257	chr1	1.3E+08	1.3E+08	+	0.016136
R3hdm1	MmuINT0130258	chr1	1.3E+08	1.3E+08	+	0.008747
R3hdm1	MmuINT0130259	chr1	1.3E+08	1.3E+08	+	0.04792
R3hdm1	MmuINT0130260	chr1	1.3E+08	1.3E+08	+	0.006836
R3hdm1	MmuINT0130261	chr1	1.3E+08	1.3E+08	+	0.09193
R3hdm1	MmuINT0130262	chr1	1.3E+08	1.3E+08	+	0.027599
R3hdm1	MmuINT0130263	chr1	1.3E+08	1.3E+08	+	0.006802
R3hdm1	MmuINT0130264	chr1	1.3E+08	1.3E+08	+	0.005697
R3hdm1	MmuINT0130265	chr1	1.3E+08	1.3E+08	+	0.007602

R3hdm1	MmuINT0130266	chr1	1.3E+08	1.3E+08	+	0.006296
R3hdm1	MmuINT0130267	chr1	1.3E+08	1.3E+08	+	0.005213
R3hdm1	MmuINT0130268	chr1	1.3E+08	1.3E+08	+	0.006694
R3hdm1	MmuINT0130269	chr1	1.3E+08	1.3E+08	+	0.006035
R3hdm1	MmuINT0130270	chr1	1.3E+08	1.3E+08	+	0.021699
R3hdm1	MmuINT0130271	chr1	1.3E+08	1.3E+08	+	0.02456
R3hdm1	MmuINT0130272	chr1	1.3E+08	1.3E+08	+	0.005032
R3hdm1	MmuINT0130273	chr1	1.3E+08	1.3E+08	+	0.028839
R3hdm1	MmuINT0130274	chr1	1.3E+08	1.3E+08	+	0.029794
R3hdm1	MmuINT0130275	chr1	1.3E+08	1.3E+08	+	0.020954
R3hdm1	MmuINT0130276	chr1	1.3E+08	1.3E+08	+	0.014792
R3hdm1	MmuINT0130277	chr1	1.3E+08	1.3E+08	+	0.025897
R3hdm1	MmuINT0130278	chr1	1.3E+08	1.3E+08	+	0.015236
R3hdm1	MmuINT0130279	chr1	1.3E+08	1.3E+08	+	0.010974
R3hdm2	MmuINT0130280	chr10	1.27E+08	1.27E+08	+	0.00307
R3hdm2	MmuINT0130285	chr10	1.27E+08	1.27E+08	+	0.008192
R3hdm2	MmuINT0130286	chr10	1.27E+08	1.27E+08	+	0.015611
R3hdm2	MmuINT0130287	chr10	1.27E+08	1.27E+08	+	0.002501
R3hdm2	MmuINT0130288	chr10	1.27E+08	1.27E+08	+	0.005243
R3hdm2	MmuINT0130289	chr10	1.27E+08	1.27E+08	+	0.001312
R3hdm2	MmuINT0130290	chr10	1.27E+08	1.27E+08	+	0.001199
R3hdm2	MmuINT0130291	chr10	1.27E+08	1.27E+08	+	0.002021
R3hdm2	MmuINT0130292	chr10	1.27E+08	1.27E+08	+	0.001732
R3hdm2	MmuINT0130293	chr10	1.27E+08	1.27E+08	+	0.002352
R3hdm2	MmuINT0130295	chr10	1.27E+08	1.27E+08	+	0.001515
R3hdm2	MmuINT0130296	chr10	1.27E+08	1.27E+08	+	0.003893
R3hdm2	MmuINT0130297	chr10	1.27E+08	1.27E+08	+	0.003059
R3hdm2	MmuINT0130298	chr10	1.27E+08	1.27E+08	+	0.002919
R3hdm2	MmuINT0130299	chr10	1.27E+08	1.27E+08	+	0.001838
R3hdm2	MmuINT0130300	chr10	1.27E+08	1.27E+08	+	0.001973
R3hdm2	MmuINT0130301	chr10	1.27E+08	1.27E+08	+	0.000646
R3hdm2	MmuINT0130303	chr10	1.27E+08	1.27E+08	+	0.001536
R3hdm2	MmuINT0130304	chr10	1.27E+08	1.27E+08	+	0.002112
R3hdm2	MmuINT0130305	chr10	1.27E+08	1.27E+08	+	0.015851
Rab1	MmuINT0130312	chr11	20101656	20115632	+	0.003697
Rab1	MmuINT0130313	chr11	20115706	20118815	+	0.002224
Rab1	MmuINT0130314	chr11	20118912	20123086	+	0.009222
Rab1	MmuINT0130315	chr11	20123183	20124369	+	0.005617
Rab1	MmuINT0130316	chr11	20124502	20124650	+	0.003371
Rab10	MmuINT0130317	chr12	3264750	3309291	-	0.00217
Rab10	MmuINT0130318	chr12	3257006	3264688	-	0.001925
Rab10	MmuINT0130319	chr12	3253359	3256866	-	0.005308
Rab10	MmuINT0130320	chr12	3252714	3253268	-	0.001934
Rab10	MmuINT0130321	chr12	3249871	3252611	-	0.023233
Rab11a	MmuINT0130322	chr9	64576237	64585390	-	0.002084
Rab11a	MmuINT0130323	chr9	64574625	64576040	-	0.011522
Rab11a	MmuINT0130324	chr9	64573390	64574430	-	0.006352
Rab11a	MmuINT0130325	chr9	64564796	64573308	-	0.001822
Rab11fip2	MmuINT0130337	chr19	59982198	59982838	-	0.86383
Rab11fip2	MmuINT0130339	chr19	60011978	60012890	-	0.041454

Rab11fip2	MmuINT0130340	chr19	59989352	60011508	-	0.045468
Rab11fip3	MmuINT0130341	chr17	26173628	26204526	-	0.012879
Rab11fip3	MmuINT0130342	chr17	26128746	26129526	-	0.021243
Rab11fip3	MmuINT0130343	chr17	26128359	26128607	-	0.013645
Rab11fip3	MmuINT0130344	chr17	26128062	26128202	-	0.018141
Rab11fip3	MmuINT0130345	chr17	26127831	26127920	-	0.014921
Rab11fip3	MmuINT0130346	chr17	26161412	26173533	-	0.011762
Rab11fip3	MmuINT0130347	chr17	26153101	26161319	-	0.016023
Rab11fip3	MmuINT0130348	chr17	26150863	26152888	-	0.010909
Rab11fip3	MmuINT0130350	chr17	26141590	26145799	-	0.043604
Rab11fip3	MmuINT0130351	chr17	26134978	26141495	-	0.030074
Rab11fip3	MmuINT0130352	chr17	26131272	26134873	-	0.008211
Rab11fip3	MmuINT0130353	chr17	26129609	26131130	-	0.021234
Rab11fip5	MmuINT0130373	chr6	85298986	85324091	-	0.004071
Rab11fip5	MmuINT0130374	chr6	85298450	85298548	-	0.003773
Rab11fip5	MmuINT0130375	chr6	85287665	85297773	-	0.028377
Rab11fip5	MmuINT0130376	chr6	85287221	85287474	-	0.004113
Rab12	MmuINT0130377	chr17	66855434	66868687	-	0.002518
Rab12	MmuINT0130378	chr17	66849789	66855372	-	0.007022
Rab12	MmuINT0130379	chr17	66847449	66849649	-	0.007395
Rab12	MmuINT0130380	chr17	66846789	66847358	-	0.007802
Rab12	MmuINT0130381	chr17	66845144	66846683	-	0.005408
Rab13	MmuINT0130382	chr3	90024945	90026158	+	0.04605
Rab13	MmuINT0130383	chr3	90026220	90027448	+	0.035987
Rab13	MmuINT0130384	chr3	90027510	90027711	+	0.103079
Rab13	MmuINT0130385	chr3	90027790	90028415	+	0.053852
Rab13	MmuINT0130386	chr3	90028506	90028623	+	0.157031
Rab13	MmuINT0130387	chr3	90028690	90028769	+	0.054621
Rab13	MmuINT0130388	chr3	90028824	90029430	+	0.121648
Rab14	MmuINT0130389	chr2	35048200	35056279	-	0.013913
Rab14	MmuINT0130390	chr2	35047086	35048140	-	0.005693
Rab14	MmuINT0130391	chr2	35045598	35047031	-	0.002506
Rab14	MmuINT0130392	chr2	35042261	35045419	-	0.006504
Rab14	MmuINT0130393	chr2	35039352	35042193	-	0.021649
Rab14	MmuINT0130394	chr2	35038944	35039263	-	0.007895
Rab14	MmuINT0130395	chr2	35037968	35038912	-	0.022844
Rab18	MmuINT0130408	chr18	6765331	6770051	+	0.002558
Rab18	MmuINT0130409	chr18	6770108	6778492	+	0.004147
Rab18	MmuINT0130410	chr18	6778555	6783117	+	0.005731
Rab18	MmuINT0130411	chr18	6783191	6784567	+	0.002493
Rab18	MmuINT0130412	chr18	6784687	6784936	+	0.003474
Rab18	MmuINT0130413	chr18	6785004	6788477	+	0.00187
Rab1b	MmuINT0130417	chr19	5105251	5106924	-	0.005374
Rab1b	MmuINT0130418	chr19	5104929	5105177	-	0.001676
Rab1b	MmuINT0130419	chr19	5104737	5104832	-	0.001296
Rab1b	MmuINT0130420	chr19	5100799	5104640	-	0.008963
Rab20	MmuINT0130422	chr8	11454527	11478327	-	0.200083
Rab21	MmuINT0130423	chr10	1.15E+08	1.15E+08	-	0.033881
Rab21	MmuINT0130424	chr10	1.15E+08	1.15E+08	-	0.00247
Rab21	MmuINT0130425	chr10	1.15E+08	1.15E+08	-	0.00656

Rab21	MmuINT0130426	chr10	1.15E+08	1.15E+08	-	0.005421
Rab21	MmuINT0130427	chr10	1.15E+08	1.15E+08	-	0.00279
Rab21	MmuINT0130428	chr10	1.15E+08	1.15E+08	-	0.001944
Rab22a	MmuINT0130429	chr2	1.73E+08	1.73E+08	+	0.005345
Rab22a	MmuINT0130430	chr2	1.73E+08	1.74E+08	+	0.005519
Rab22a	MmuINT0130431	chr2	1.74E+08	1.74E+08	+	0.008517
Rab22a	MmuINT0130432	chr2	1.74E+08	1.74E+08	+	0.008792
Rab22a	MmuINT0130433	chr2	1.74E+08	1.74E+08	+	0.00416
Rab22a	MmuINT0130434	chr2	1.74E+08	1.74E+08	+	0.011268
Rab23	MmuINT0130438	chr1	33780851	33781778	+	0.035463
Rab23	MmuINT0130440	chr1	33791704	33793644	+	0.111965
Rab23	MmuINT0130441	chr1	33793728	33795132	+	0.083917
Rab23	MmuINT0130442	chr1	33795226	33796097	+	0.048017
Rab24	MmuINT0130443	chr13	55422820	55422898	-	0.02713
Rab24	MmuINT0130444	chr13	55422542	55422750	-	0.02279
Rab24	MmuINT0130445	chr13	55422356	55422462	-	0.024439
Rab24	MmuINT0130446	chr13	55422206	55422287	-	0.033922
Rab24	MmuINT0130447	chr13	55421915	55422105	-	0.2828
Rab24	MmuINT0130448	chr13	55421736	55421863	-	0.036031
Rab24	MmuINT0130449	chr13	55421576	55421672	-	0.041898
Rab28	MmuINT0130474	chr5	42094774	42099143	-	0.002172
Rab28	MmuINT0130475	chr5	42089718	42094676	-	0.00203
Rab28	MmuINT0130476	chr5	42079090	42089628	-	0.003597
Rab28	MmuINT0130477	chr5	42027149	42078959	-	0.002015
Rab28	MmuINT0130478	chr5	42024490	42027044	-	0.001204
Rab28	MmuINT0130479	chr5	42017102	42024411	-	0.221565
Rab2a	MmuINT0130480	chr4	8463056	8488298	+	0.002505
Rab2a	MmuINT0130481	chr4	8488371	8499672	+	0.000043
Rab2a	MmuINT0130482	chr4	8499741	8505101	+	0.000802
Rab2a	MmuINT0130484	chr4	8505711	8509528	+	0.000097
Rab2a	MmuINT0130485	chr4	8509641	8531520	+	0.000085
Rab2a	MmuINT0130486	chr4	8531590	8533554	+	0.000116
Rab2b	MmuINT0130487	chr14	52895186	52898588	-	0.055089
Rab2b	MmuINT0130488	chr14	52888676	52895117	-	0.079296
Rab2b	MmuINT0130489	chr14	52888410	52888592	-	0.162165
Rab2b	MmuINT0130490	chr14	52885977	52888316	-	0.079393
Rab2b	MmuINT0130491	chr14	52884443	52885864	-	0.076881
Rab2b	MmuINT0130492	chr14	52883493	52884373	-	0.088045
Rab30	MmuINT0130493	chr7	99890353	99968492	+	0.038941
Rab30	MmuINT0130494	chr7	99968594	99972307	+	0.034789
Rab30	MmuINT0130495	chr7	99972392	99978035	+	0.025927
Rab30	MmuINT0130496	chr7	99978220	99984198	+	0.01981
Rab31	MmuINT0130497	chr17	66071428	66121845	-	0.026556
Rab31	MmuINT0130498	chr17	66066904	66071347	-	0.020929
Rab31	MmuINT0130499	chr17	66047403	66066821	-	0.033233
Rab31	MmuINT0130500	chr17	66045718	66047330	-	0.037675
Rab31	MmuINT0130501	chr17	66017316	66045610	-	0.017417
Rab31	MmuINT0130502	chr17	66003844	66017205	-	0.031145
Rab33b	MmuINT0130506	chr3	51288503	51297277	+	0.047818
Rab34	MmuINT0130507	chr11	78003165	78003631	+	0.049165



Rab34	MmuINT0130508	chr11	78003698	78003790	+	0.03974
Rab34	MmuINT0130509	chr11	78003893	78003979	+	0.042608
Rab34	MmuINT0130510	chr11	78004045	78004186	+	0.150202
Rab34	MmuINT0130511	chr11	78004239	78004709	+	0.215471
Rab34	MmuINT0130512	chr11	78004792	78004866	+	0.159543
Rab34	MmuINT0130513	chr11	78004958	78005076	+	0.072054
Rab34	MmuINT0130514	chr11	78005185	78005275	+	0.02367
Rab35	MmuINT0130515	chr5	1.16E+08	1.16E+08	+	0.024906
Rab35	MmuINT0130516	chr5	1.16E+08	1.16E+08	+	0.010233
Rab35	MmuINT0130517	chr5	1.16E+08	1.16E+08	+	0.008513
Rab35	MmuINT0130518	chr5	1.16E+08	1.16E+08	+	0.013204
Rab35	MmuINT0130519	chr5	1.16E+08	1.16E+08	+	0.016407
Rab3a	MmuINT0130545	chr8	73279983	73280345	+	0.002647
Rab3a	MmuINT0130546	chr8	73280465	73281036	+	0.002535
Rab3a	MmuINT0130547	chr8	73281162	73281796	+	0.008136
Rab3d	MmuINT0130557	chr9	21719426	21720148	-	0.01485
Rab3d	MmuINT0130558	chr9	21719214	21719306	-	0.017931
Rab3d	MmuINT0130559	chr9	21715116	21719088	-	0.020431
Rab3gap1	MmuINT0130560	chr1	1.3E+08	1.3E+08	+	0.03285
Rab3gap1	MmuINT0130561	chr1	1.3E+08	1.3E+08	+	0.016813
Rab3gap1	MmuINT0130562	chr1	1.3E+08	1.3E+08	+	0.016142
Rab3gap1	MmuINT0130563	chr1	1.3E+08	1.3E+08	+	0.010068
Rab3gap1	MmuINT0130564	chr1	1.3E+08	1.3E+08	+	0.00777
Rab3gap1	MmuINT0130565	chr1	1.3E+08	1.3E+08	+	0.007816
Rab3gap1	MmuINT0130566	chr1	1.3E+08	1.3E+08	+	0.023977
Rab3gap1	MmuINT0130567	chr1	1.3E+08	1.3E+08	+	0.008197
Rab3gap1	MmuINT0130568	chr1	1.3E+08	1.3E+08	+	0.008217
Rab3gap1	MmuINT0130569	chr1	1.3E+08	1.3E+08	+	0.007057
Rab3gap1	MmuINT0130570	chr1	1.3E+08	1.3E+08	+	0.012166
Rab3gap1	MmuINT0130571	chr1	1.3E+08	1.3E+08	+	0.012715
Rab3gap1	MmuINT0130572	chr1	1.3E+08	1.3E+08	+	0.007316
Rab3gap1	MmuINT0130573	chr1	1.3E+08	1.3E+08	+	0.00548
Rab3gap1	MmuINT0130574	chr1	1.3E+08	1.3E+08	+	0.00725
Rab3gap1	MmuINT0130575	chr1	1.3E+08	1.3E+08	+	0.066136
Rab3gap1	MmuINT0130576	chr1	1.3E+08	1.3E+08	+	0.008789
Rab3gap1	MmuINT0130577	chr1	1.3E+08	1.3E+08	+	0.011497
Rab3gap1	MmuINT0130578	chr1	1.3E+08	1.3E+08	+	0.009123
Rab3gap1	MmuINT0130579	chr1	1.3E+08	1.3E+08	+	0.007369
Rab3gap1	MmuINT0130580	chr1	1.3E+08	1.3E+08	+	0.006348
Rab3gap1	MmuINT0130581	chr1	1.3E+08	1.3E+08	+	0.010361
Rab3gap1	MmuINT0130582	chr1	1.3E+08	1.3E+08	+	0.014896
Rab3gap2	MmuINT0130583	chr1	1.87E+08	1.87E+08	+	0.01671
Rab3gap2	MmuINT0130584	chr1	1.87E+08	1.87E+08	+	0.021874
Rab3gap2	MmuINT0130585	chr1	1.87E+08	1.87E+08	+	0.022862
Rab3gap2	MmuINT0130586	chr1	1.87E+08	1.87E+08	+	0.018512
Rab3gap2	MmuINT0130587	chr1	1.87E+08	1.87E+08	+	0.013181
Rab3gap2	MmuINT0130588	chr1	1.87E+08	1.87E+08	+	0.020825
Rab3gap2	MmuINT0130589	chr1	1.87E+08	1.87E+08	+	0.015732
Rab3gap2	MmuINT0130590	chr1	1.87E+08	1.87E+08	+	0.025206
Rab3gap2	MmuINT0130591	chr1	1.87E+08	1.87E+08	+	0.019693

Rab3gap2	MmuINT0130592	chr1	1.87E+08	1.87E+08	+	0.02713
Rab3gap2	MmuINT0130593	chr1	1.87E+08	1.87E+08	+	0.016016
Rab3gap2	MmuINT0130594	chr1	1.87E+08	1.87E+08	+	0.019484
Rab3gap2	MmuINT0130595	chr1	1.87E+08	1.87E+08	+	0.016866
Rab3gap2	MmuINT0130596	chr1	1.87E+08	1.87E+08	+	0.019941
Rab3gap2	MmuINT0130597	chr1	1.87E+08	1.87E+08	+	0.017757
Rab3gap2	MmuINT0130598	chr1	1.87E+08	1.87E+08	+	0.012144
Rab3gap2	MmuINT0130599	chr1	1.87E+08	1.87E+08	+	0.05169
Rab3gap2	MmuINT0130600	chr1	1.87E+08	1.87E+08	+	0.067373
Rab3gap2	MmuINT0130601	chr1	1.87E+08	1.87E+08	+	0.028585
Rab3gap2	MmuINT0130602	chr1	1.87E+08	1.87E+08	+	0.015881
Rab3gap2	MmuINT0130603	chr1	1.87E+08	1.87E+08	+	0.018415
Rab3gap2	MmuINT0130604	chr1	1.87E+08	1.87E+08	+	0.030706
Rab3gap2	MmuINT0130605	chr1	1.87E+08	1.87E+08	+	0.016715
Rab3gap2	MmuINT0130606	chr1	1.87E+08	1.87E+08	+	0.078065
Rab3gap2	MmuINT0130607	chr1	1.87E+08	1.87E+08	+	0.031777
Rab3gap2	MmuINT0130608	chr1	1.87E+08	1.87E+08	+	0.069862
Rab3gap2	MmuINT0130609	chr1	1.87E+08	1.87E+08	+	0.035627
Rab3gap2	MmuINT0130610	chr1	1.87E+08	1.87E+08	+	0.010241
Rab3gap2	MmuINT0130611	chr1	1.87E+08	1.87E+08	+	0.031917
Rab3gap2	MmuINT0130612	chr1	1.87E+08	1.87E+08	+	0.036988
Rab3gap2	MmuINT0130613	chr1	1.87E+08	1.87E+08	+	0.021026
Rab3gap2	MmuINT0130614	chr1	1.87E+08	1.87E+08	+	0.020735
Rab3gap2	MmuINT0130615	chr1	1.87E+08	1.87E+08	+	0.026617
Rab3gap2	MmuINT0130616	chr1	1.87E+08	1.87E+08	+	0.023863
Rab3il1	MmuINT0130617	chr19	10092850	10101019	+	0.082487
Rab3il1	MmuINT0130618	chr19	10101276	10101873	+	0.029281
Rab3il1	MmuINT0130619	chr19	10101970	10102049	+	0.03883
Rab3il1	MmuINT0130620	chr19	10102128	10102774	+	0.088693
Rab3il1	MmuINT0130621	chr19	10102994	10104639	+	0.136823
Rab3il1	MmuINT0130622	chr19	10104769	10104858	+	0.032483
Rab3il1	MmuINT0130623	chr19	10104972	10106842	+	0.049193
Rab3il1	MmuINT0130624	chr19	10106943	10108233	+	0.030903
Rab3il1	MmuINT0130625	chr19	10108301	10108946	+	0.049763
Rab3ip	MmuINT0130626	chr10	1.16E+08	1.16E+08	-	0.016163
Rab3ip	MmuINT0130627	chr10	1.16E+08	1.16E+08	-	0.002307
Rab3ip	MmuINT0130628	chr10	1.16E+08	1.16E+08	-	0.071675
Rab3ip	MmuINT0130629	chr10	1.16E+08	1.16E+08	-	0.00353
Rab3ip	MmuINT0130631	chr10	1.16E+08	1.16E+08	-	0.002638
Rab3ip	MmuINT0130632	chr10	1.16E+08	1.16E+08	-	0.003778
Rab3ip	MmuINT0130633	chr10	1.16E+08	1.16E+08	-	0.005085
Rab3ip	MmuINT0130634	chr10	1.16E+08	1.16E+08	-	0.014742
Rab40c	MmuINT0130641	chr17	26028292	26056309	-	0.026522
Rab40c	MmuINT0130642	chr17	26027644	26028230	-	0.045078
Rab40c	MmuINT0130643	chr17	26022098	26027582	-	0.189501
Rab40c	MmuINT0130644	chr17	26021748	26022019	-	0.017213
Rab40c	MmuINT0130645	chr17	26020854	26021524	-	0.016673
Rab43	MmuINT0130649	chr6	87742835	87744607	-	0.049243
Rab4a	MmuINT0130657	chr8	1.26E+08	1.26E+08	+	0.078539
Rab4a	MmuINT0130658	chr8	1.26E+08	1.26E+08	+	0.0421

Rab4a	MmuINT0130659	chr8	1.26E+08	1.26E+08	+	0.028322
Rab4a	MmuINT0130660	chr8	1.26E+08	1.26E+08	+	0.060316
Rab4a	MmuINT0130661	chr8	1.26E+08	1.26E+08	+	0.029663
Rab4a	MmuINT0130662	chr8	1.26E+08	1.26E+08	+	0.033779
Rab4a	MmuINT0130663	chr8	1.26E+08	1.26E+08	+	0.058562
Rab4b	MmuINT0130664	chr7	27961258	27963745	-	0.030363
Rab4b	MmuINT0130665	chr7	27960913	27961176	-	0.167844
Rab4b	MmuINT0130666	chr7	27959798	27960797	-	0.051579
Rab4b	MmuINT0130667	chr7	27959596	27959734	-	0.029037
Rab4b	MmuINT0130668	chr7	27957979	27959440	-	0.019932
Rab4b	MmuINT0130669	chr7	27957787	27957882	-	0.015428
Rab4b	MmuINT0130670	chr7	27953824	27957655	-	0.211723
Rab5a	MmuINT0130671	chr17	53618934	53623145	+	0.006329
Rab5a	MmuINT0130672	chr17	53623401	53636851	+	0.003054
Rab5a	MmuINT0130673	chr17	53637004	53637712	+	0.000824
Rab5a	MmuINT0130674	chr17	53637836	53639700	+	0.002399
Rab5a	MmuINT0130675	chr17	53639795	53645638	+	0.004872
Rab5b	MmuINT0130676	chr10	1.28E+08	1.28E+08	-	0.023715
Rab5c	MmuINT0130681	chr11	1.01E+08	1.01E+08	-	0.006657
Rab5c	MmuINT0130682	chr11	1.01E+08	1.01E+08	-	0.01467
Rab5c	MmuINT0130683	chr11	1.01E+08	1.01E+08	-	0.018506
Rab5c	MmuINT0130684	chr11	1.01E+08	1.01E+08	-	0.062168
Rab5c	MmuINT0130685	chr11	1.01E+08	1.01E+08	-	0.005133
Rab6	MmuINT0130688	chr7	1.08E+08	1.08E+08	+	0.004478
Rab6	MmuINT0130689	chr7	1.08E+08	1.08E+08	+	0.001508
Rab6	MmuINT0130690	chr7	1.08E+08	1.08E+08	+	0.013871
Rab6	MmuINT0130691	chr7	1.08E+08	1.08E+08	+	0.008216
Rab6	MmuINT0130693	chr7	1.08E+08	1.08E+08	+	0.003676
Rab7	MmuINT0130702	chr6	87962428	87963631	-	0.000424
Rab7	MmuINT0130705	chr6	87950525	87954164	-	0.001641
Rab7l1	MmuINT0130706	chr1	1.34E+08	1.34E+08	+	0.790973
Rab7l1	MmuINT0130707	chr1	1.34E+08	1.34E+08	+	0.035337
Rab7l1	MmuINT0130708	chr1	1.34E+08	1.34E+08	+	0.040598
Rab7l1	MmuINT0130709	chr1	1.34E+08	1.34E+08	+	0.042086
Rab7l1	MmuINT0130710	chr1	1.34E+08	1.34E+08	+	0.016157
Rab8a	MmuINT0130711	chr8	74685382	74692325	+	0.007689
Rab8a	MmuINT0130712	chr8	74692387	74695138	+	0.011782
Rab8a	MmuINT0130713	chr8	74695200	74698424	+	0.01151
Rab8a	MmuINT0130714	chr8	74698503	74699738	+	0.006398
Rab8a	MmuINT0130715	chr8	74699829	74700221	+	0.029473
Rab8a	MmuINT0130716	chr8	74700288	74701518	+	0.025023
Rab8a	MmuINT0130717	chr8	74701570	74703943	+	0.029076
Rab8b	MmuINT0130718	chr9	66711291	66767316	-	0.04495
Rab8b	MmuINT0130722	chr9	66699207	66700733	-	0.065736
Rab8b	MmuINT0130723	chr9	66696456	66699140	-	0.048148
Rab8b	MmuINT0130724	chr9	66695619	66696404	-	0.07943
Rab9	MmuINT0130725	chrX	1.63E+08	1.63E+08	-	0.004915
Rabac1	MmuINT0130729	chr7	25757334	25757545	-	0.006219
Rabac1	MmuINT0130730	chr7	25756878	25757120	-	0.00629
Rabac1	MmuINT0130731	chr7	25755208	25756779	-	0.010004

Rabac1	MmuINT0130732	chr7	25755029	25755105	-	0.004927
Rabep1	MmuINT0130733	chr11	70658511	70688247	+	0.01134
Rabep1	MmuINT0130734	chr11	70732784	70734353	+	0.008856
Rabep1	MmuINT0130735	chr11	70734471	70736644	+	0.007843
Rabep1	MmuINT0130736	chr11	70736744	70739273	+	0.006471
Rabep1	MmuINT0130737	chr11	70739415	70747906	+	0.004845
Rabep1	MmuINT0130738	chr11	70748097	70748628	+	0.013235
Rabep1	MmuINT0130739	chr11	70748685	70751025	+	0.020307
Rabep1	MmuINT0130740	chr11	70751125	70753381	+	0.008992
Rabep1	MmuINT0130741	chr11	70753499	70753883	+	0.031277
Rabep1	MmuINT0130742	chr11	70688377	70698266	+	0.010499
Rabep1	MmuINT0130743	chr11	70698471	70700512	+	0.006023
Rabep1	MmuINT0130744	chr11	70700674	70707070	+	0.009924
Rabep1	MmuINT0130745	chr11	70707191	70713973	+	0.036017
Rabep1	MmuINT0130746	chr11	70714110	70718106	+	0.005082
Rabep1	MmuINT0130747	chr11	70718286	70721887	+	0.005244
Rabep1	MmuINT0130748	chr11	70722020	70730816	+	0.009196
Rabep1	MmuINT0130749	chr11	70731285	70732678	+	0.011531
Rabep2	MmuINT0130750	chr7	1.34E+08	1.34E+08	+	0.038644
Rabep2	MmuINT0130751	chr7	1.34E+08	1.34E+08	+	0.074715
Rabep2	MmuINT0130752	chr7	1.34E+08	1.34E+08	+	0.279702
Rabep2	MmuINT0130753	chr7	1.34E+08	1.34E+08	+	0.052999
Rabep2	MmuINT0130754	chr7	1.34E+08	1.34E+08	+	0.01955
Rabep2	MmuINT0130755	chr7	1.34E+08	1.34E+08	+	0.091093
Rabep2	MmuINT0130756	chr7	1.34E+08	1.34E+08	+	0.049099
Rabep2	MmuINT0130757	chr7	1.34E+08	1.34E+08	+	0.051721
Rabep2	MmuINT0130758	chr7	1.34E+08	1.34E+08	+	0.036806
Rabep2	MmuINT0130759	chr7	1.34E+08	1.34E+08	+	0.021405
Rabep2	MmuINT0130760	chr7	1.34E+08	1.34E+08	+	0.01567
Rabep2	MmuINT0130761	chr7	1.34E+08	1.34E+08	+	0.020455
Rabepk	MmuINT0130762	chr2	34652954	34655270	-	0.047336
Rabepk	MmuINT0130763	chr2	34650850	34652894	-	0.029635
Rabepk	MmuINT0130764	chr2	34646176	34650691	-	0.015734
Rabepk	MmuINT0130765	chr2	34641249	34646022	-	0.021415
Rabepk	MmuINT0130766	chr2	34640216	34641086	-	0.043973
Rabepk	MmuINT0130767	chr2	34636267	34640065	-	0.01352
Rabepk	MmuINT0130768	chr2	34635050	34636116	-	0.024638
Rabgap1	MmuINT0130769	chr2	37307822	37324896	+	0.049947
Rabgap1	MmuINT0130770	chr2	37347600	37351102	+	0.005578
Rabgap1	MmuINT0130771	chr2	37351278	37358387	+	0.008324
Rabgap1	MmuINT0130772	chr2	37358482	37364447	+	0.012813
Rabgap1	MmuINT0130773	chr2	37364599	37388035	+	0.016726
Rabgap1	MmuINT0130774	chr2	37388150	37392821	+	0.025697
Rabgap1	MmuINT0130775	chr2	37392897	37395936	+	0.016077
Rabgap1	MmuINT0130776	chr2	37396063	37396552	+	0.010397
Rabgap1	MmuINT0130777	chr2	37396697	37398156	+	0.017811
Rabgap1	MmuINT0130778	chr2	37325097	37327814	+	0.010656
Rabgap1	MmuINT0130779	chr2	37328035	37329098	+	0.008709
Rabgap1	MmuINT0130780	chr2	37329304	37330811	+	0.008469
Rabgap1	MmuINT0130781	chr2	37330987	37339247	+	0.008775

Rabgap1	MmuINT0130782	chr2	37339406	37342585	+	0.01564
Rabgap1	MmuINT0130783	chr2	37342697	37343031	+	0.020245
Rabgap1	MmuINT0130784	chr2	37343099	37345250	+	0.011953
Rabgap1	MmuINT0130785	chr2	37345354	37347429	+	0.011406
Rabgap1	MmuINT0130787	chr2	37411319	37411715	+	0.00732
Rabgap1	MmuINT0130788	chr2	37411827	37415994	+	0.015339
Rabgap1	MmuINT0130789	chr2	37416100	37416888	+	0.009316
Rabgap1	MmuINT0130790	chr2	37416973	37417411	+	0.01106
Rabgap1	MmuINT0130791	chr2	37417484	37418955	+	0.008608
Rabgap1	MmuINT0130792	chr2	37419154	37420284	+	0.007745
Rabgap1l	MmuINT0130794	chr1	1.62E+08	1.62E+08	-	0.005619
Rabgap1l	MmuINT0130795	chr1	1.62E+08	1.62E+08	-	0.339964
Rabgap1l	MmuINT0130796	chr1	1.62E+08	1.62E+08	-	0.059678
Rabgap1l	MmuINT0130797	chr1	1.62E+08	1.62E+08	-	0.044486
Rabgap1l	MmuINT0130798	chr1	1.62E+08	1.62E+08	-	0.055058
Rabgap1l	MmuINT0130799	chr1	1.62E+08	1.62E+08	-	0.080647
Rabgap1l	MmuINT0130800	chr1	1.62E+08	1.62E+08	-	0.093179
Rabgap1l	MmuINT0130801	chr1	1.63E+08	1.63E+08	-	0.005124
Rabgap1l	MmuINT0130802	chr1	1.63E+08	1.63E+08	-	0.00342
Rabgap1l	MmuINT0130803	chr1	1.63E+08	1.63E+08	-	0.005446
Rabgap1l	MmuINT0130804	chr1	1.63E+08	1.63E+08	-	0.005413
Rabgap1l	MmuINT0130805	chr1	1.62E+08	1.63E+08	-	0.00573
Rabgap1l	MmuINT0130806	chr1	1.62E+08	1.62E+08	-	0.006275
Rabgap1l	MmuINT0130807	chr1	1.62E+08	1.62E+08	-	0.005688
Rabgap1l	MmuINT0130808	chr1	1.62E+08	1.62E+08	-	0.004703
Rabgap1l	MmuINT0130809	chr1	1.62E+08	1.62E+08	-	0.01027
Rabgap1l	MmuINT0130811	chr1	1.63E+08	1.63E+08	-	0.006641
Rabgap1l	MmuINT0130813	chr1	1.63E+08	1.63E+08	-	0.003696
Rabgap1l	MmuINT0130814	chr1	1.63E+08	1.63E+08	-	0.004452
Rabgap1l	MmuINT0130815	chr1	1.63E+08	1.63E+08	-	0.009015
Rabgap1l	MmuINT0130816	chr1	1.63E+08	1.63E+08	-	0.005089
Rabgap1l	MmuINT0130817	chr1	1.63E+08	1.63E+08	-	0.005042
Rabgap1l	MmuINT0130818	chr1	1.63E+08	1.63E+08	-	0.003839
Rabgap1l	MmuINT0130819	chr1	1.63E+08	1.63E+08	-	0.003666
Rabgef1	MmuINT0130820	chr5	1.31E+08	1.31E+08	+	0.013264
Rabgef1	MmuINT0130821	chr5	1.31E+08	1.31E+08	+	0.017811
Rabgef1	MmuINT0130822	chr5	1.31E+08	1.31E+08	+	0.026099
Rabgef1	MmuINT0130823	chr5	1.31E+08	1.31E+08	+	0.017318
Rabgef1	MmuINT0130824	chr5	1.31E+08	1.31E+08	+	0.039641
Rabgef1	MmuINT0130825	chr5	1.31E+08	1.31E+08	+	0.069334
Rabgef1	MmuINT0130826	chr5	1.31E+08	1.31E+08	+	0.03867
Rabggta	MmuINT0130827	chr14	56340543	56340680	-	0.038516
Rabggta	MmuINT0130828	chr14	56337790	56337927	-	0.057572
Rabggta	MmuINT0130829	chr14	56337589	56337700	-	0.020455
Rabggta	MmuINT0130830	chr14	56337400	56337499	-	0.024934
Rabggta	MmuINT0130831	chr14	56336455	56337282	-	0.018601
Rabggta	MmuINT0130832	chr14	56336093	56336340	-	0.042855
Rabggta	MmuINT0130833	chr14	56335376	56336004	-	0.014471
Rabggta	MmuINT0130834	chr14	56340098	56340431	-	0.012379
Rabggta	MmuINT0130835	chr14	56339801	56339972	-	0.010906

Rabggta	MmuINT0130836	chr14	56339345	56339612	-	0.012746
Rabggta	MmuINT0130837	chr14	56338717	56339140	-	0.018474
Rabggta	MmuINT0130838	chr14	56338544	56338632	-	0.010998
Rabggta	MmuINT0130839	chr14	56338369	56338460	-	0.017555
Rabggta	MmuINT0130840	chr14	56338183	56338266	-	0.041323
Rabggta	MmuINT0130841	chr14	56337980	56338076	-	0.139783
Rabggtb	MmuINT0130842	chr3	1.54E+08	1.54E+08	-	0.023851
Rabggtb	MmuINT0130843	chr3	1.54E+08	1.54E+08	-	0.007658
Rabggtb	MmuINT0130844	chr3	1.54E+08	1.54E+08	-	0.018989
Rabggtb	MmuINT0130845	chr3	1.54E+08	1.54E+08	-	0.032256
Rabggtb	MmuINT0130846	chr3	1.54E+08	1.54E+08	-	0.009643
Rabif	MmuINT0130849	chr1	1.36E+08	1.36E+08	+	0.020113
Rabl2	MmuINT0130854	chr15	89414822	89416689	-	0.140135
Rabl2	MmuINT0130855	chr15	89414439	89414709	-	0.377897
Rabl2	MmuINT0130856	chr15	89414114	89414340	-	0.141063
Rabl2	MmuINT0130857	chr15	89413862	89414029	-	0.09694
Rabl3	MmuINT0130858	chr16	37540047	37541932	+	0.044931
Rabl3	MmuINT0130859	chr16	37542025	37556906	+	0.027911
Rabl3	MmuINT0130860	chr16	37557037	37560080	+	0.035572
Rabl3	MmuINT0130861	chr16	37560196	37563701	+	0.03661
Rabl3	MmuINT0130862	chr16	37563853	37567405	+	0.066921
Rabl3	MmuINT0130863	chr16	37567478	37570473	+	0.072529
Rabl3	MmuINT0130864	chr16	37570513	37571115	+	0.106206
Rabl5	MmuINT0130865	chr5	1.37E+08	1.37E+08	+	0.026828
Rabl5	MmuINT0130866	chr5	1.37E+08	1.37E+08	+	0.01843
Rabl5	MmuINT0130867	chr5	1.37E+08	1.37E+08	+	0.022779
Rabl5	MmuINT0130868	chr5	1.37E+08	1.37E+08	+	0.126767
Rac1	MmuINT0130869	chr5	1.44E+08	1.44E+08	-	0.007699
Rac1	MmuINT0130871	chr5	1.44E+08	1.44E+08	-	0.009071
Rac1	MmuINT0130872	chr5	1.44E+08	1.44E+08	-	0.003995
Rac1	MmuINT0130873	chr5	1.44E+08	1.44E+08	-	0.002387
Rac2	MmuINT0130874	chr15	78401234	78403040	-	0.081577
Rac2	MmuINT0130875	chr15	78396462	78401161	-	0.073728
Rac2	MmuINT0130877	chr15	78395453	78395870	-	0.048776
Rac2	MmuINT0130878	chr15	78392469	78395292	-	0.04447
Rac2	MmuINT0130879	chr15	78391916	78392335	-	0.110073
Rac3	MmuINT0130882	chr11	1.21E+08	1.21E+08	+	0.302925
Rac3	MmuINT0130883	chr11	1.21E+08	1.21E+08	+	0.178509
Rac3	MmuINT0130884	chr11	1.21E+08	1.21E+08	+	0.121611
Racgap1	MmuINT0130888	chr15	99456813	99456892	-	0.031946
Racgap1	MmuINT0130891	chr15	99454124	99454357	-	0.111614
Racgap1	MmuINT0130893	chr15	99451896	99452649	-	0.020296
Rad1	MmuINT0130902	chr15	10416020	10416207	+	0.115476
Rad1	MmuINT0130903	chr15	10416472	10417744	+	0.068931
Rad1	MmuINT0130904	chr15	10417854	10420010	+	0.02879
Rad1	MmuINT0130905	chr15	10420270	10422519	+	0.024106
Rad1	MmuINT0130906	chr15	10422619	10422908	+	0.032412
Rad17	MmuINT0130908	chr13	1.01E+08	1.01E+08	-	0.015213
Rad17	MmuINT0130909	chr13	1.01E+08	1.01E+08	-	0.011722
Rad17	MmuINT0130910	chr13	1.01E+08	1.01E+08	-	0.02123

Rad17	MmuINT0130911	chr13	1.01E+08	1.01E+08	-	0.011721
Rad17	MmuINT0130913	chr13	1.01E+08	1.01E+08	-	0.031118
Rad17	MmuINT0130914	chr13	1.01E+08	1.01E+08	-	0.010766
Rad17	MmuINT0130915	chr13	1.01E+08	1.01E+08	-	0.014544
Rad17	MmuINT0130916	chr13	1.01E+08	1.01E+08	-	0.019439
Rad17	MmuINT0130917	chr13	1.01E+08	1.01E+08	-	0.012818
Rad17	MmuINT0130918	chr13	1.01E+08	1.01E+08	-	0.014865
Rad17	MmuINT0130919	chr13	1.01E+08	1.01E+08	-	0.025702
Rad17	MmuINT0130920	chr13	1.01E+08	1.01E+08	-	0.015663
Rad17	MmuINT0130921	chr13	1.01E+08	1.01E+08	-	0.027437
Rad21	MmuINT0130939	chr15	51799483	51799896	-	0.014162
Rad21	MmuINT0130940	chr15	51798278	51799333	-	0.005726
Rad21	MmuINT0130942	chr15	51795794	51796500	-	0.00998
Rad21	MmuINT0130943	chr15	51809721	51814074	-	0.004016
Rad21	MmuINT0130944	chr15	51807745	51809590	-	0.006513
Rad21	MmuINT0130945	chr15	51805490	51807644	-	0.005557
Rad21	MmuINT0130946	chr15	51804839	51805382	-	0.007337
Rad21	MmuINT0130947	chr15	51803874	51804631	-	0.003602
Rad21	MmuINT0130948	chr15	51803415	51803747	-	0.003335
Rad21	MmuINT0130949	chr15	51801691	51803291	-	0.002581
Rad21	MmuINT0130950	chr15	51800069	51801466	-	0.00457
Rad23a	MmuINT0130951	chr8	87362855	87364392	-	0.026338
Rad23a	MmuINT0130953	chr8	87362228	87362367	-	0.00614
Rad23a	MmuINT0130954	chr8	87362034	87362171	-	0.007359
Rad23a	MmuINT0130955	chr8	87361667	87361905	-	0.017131
Rad23a	MmuINT0130956	chr8	87361490	87361587	-	0.009964
Rad23a	MmuINT0130957	chr8	87359819	87361358	-	0.051893
Rad23a	MmuINT0130958	chr8	87359574	87359653	-	0.035788
Rad23b	MmuINT0130959	chr4	55363300	55379648	+	0.002295
Rad23b	MmuINT0130960	chr4	55379731	55380916	+	0.004439
Rad23b	MmuINT0130961	chr4	55380997	55383075	+	0.004257
Rad23b	MmuINT0130962	chr4	55383345	55391105	+	0.003981
Rad23b	MmuINT0130963	chr4	55391162	55393860	+	0.011846
Rad23b	MmuINT0130964	chr4	55393989	55395351	+	0.005653
Rad23b	MmuINT0130965	chr4	55395488	55396458	+	0.001497
Rad23b	MmuINT0130966	chr4	55396587	55398281	+	0.001385
Rad23b	MmuINT0130967	chr4	55398474	55402755	+	0.002305
Rad50	MmuINT0130969	chr11	53499810	53501596	-	0.040075
Rad50	MmuINT0130972	chr11	53493725	53496703	-	0.035161
Rad50	MmuINT0130973	chr11	53493019	53493534	-	0.04588
Rad50	MmuINT0130974	chr11	53492561	53492891	-	0.028692
Rad50	MmuINT0130975	chr11	53489515	53492366	-	0.036705
Rad50	MmuINT0130976	chr11	53488498	53489403	-	0.054233
Rad50	MmuINT0130978	chr11	53483260	53488199	-	0.038511
Rad50	MmuINT0130980	chr11	53481749	53483131	-	0.026638
Rad50	MmuINT0130981	chr11	53469121	53481523	-	0.024829
Rad50	MmuINT0130982	chr11	53468522	53469034	-	0.035976
Rad50	MmuINT0130983	chr11	53465870	53468378	-	0.047595
Rad50	MmuINT0130984	chr11	53464158	53465735	-	0.02634
Rad50	MmuINT0130986	chr11	53511821	53512323	-	0.045076

Rad50	MmuINT0130987	chr11	53508914	53511615	-	0.032715
Rad50	MmuINT0130988	chr11	53508569	53508784	-	0.044105
Rad50	MmuINT0130990	chr11	53505822	53506209	-	0.03746
Rad50	MmuINT0130991	chr11	53501780	53505614	-	0.051058
Rad51ap1	MmuINT0131005	chr6	1.27E+08	1.27E+08	-	0.807711
Rad51c	MmuINT0131012	chr11	87215059	87216099	-	0.109047
Rad51c	MmuINT0131018	chr11	87192990	87194333	-	0.052831
Rad51l3	MmuINT0131029	chr11	82703534	82703839	-	0.044975
Rad51l3	MmuINT0131030	chr11	82703313	82703471	-	0.022316
Rad51l3	MmuINT0131031	chr11	82697467	82703193	-	0.018864
Rad51l3	MmuINT0131032	chr11	82697130	82697384	-	0.033143
Rad51l3	MmuINT0131033	chr11	82696485	82696994	-	0.030414
Rad51l3	MmuINT0131034	chr11	82695364	82696388	-	0.026784
Rad51l3	MmuINT0131035	chr11	82695174	82695272	-	0.037045
Rad51l3	MmuINT0131036	chr11	82692855	82695102	-	0.054937
Rad51l3	MmuINT0131037	chr11	82692526	82692686	-	0.013816
Rad52	MmuINT0131039	chr6	1.2E+08	1.2E+08	+	0.058952
Rad52	MmuINT0131040	chr6	1.2E+08	1.2E+08	+	0.258698
Rad52	MmuINT0131041	chr6	1.2E+08	1.2E+08	+	0.093581
Rad52	MmuINT0131042	chr6	1.2E+08	1.2E+08	+	0.239244
Rad52	MmuINT0131043	chr6	1.2E+08	1.2E+08	+	0.242002
Rad52	MmuINT0131044	chr6	1.2E+08	1.2E+08	+	0.138178
Rad52	MmuINT0131045	chr6	1.2E+08	1.2E+08	+	0.122039
Rad52	MmuINT0131046	chr6	1.2E+08	1.2E+08	+	0.06367
Rad52	MmuINT0131047	chr6	1.2E+08	1.2E+08	+	0.595739
Rad54l2	MmuINT0131080	chr9	1.07E+08	1.07E+08	-	0.041449
Rad54l2	MmuINT0131081	chr9	1.07E+08	1.07E+08	-	0.049658
Rad54l2	MmuINT0131082	chr9	1.07E+08	1.07E+08	-	0.042745
Rad54l2	MmuINT0131083	chr9	1.07E+08	1.07E+08	-	0.037683
Rad54l2	MmuINT0131084	chr9	1.07E+08	1.07E+08	-	0.041055
Rad54l2	MmuINT0131085	chr9	1.07E+08	1.07E+08	-	0.061871
Rad54l2	MmuINT0131086	chr9	1.07E+08	1.07E+08	-	0.035328
Rad54l2	MmuINT0131087	chr9	1.07E+08	1.07E+08	-	0.038477
Rad54l2	MmuINT0131088	chr9	1.07E+08	1.07E+08	-	0.035225
Rad54l2	MmuINT0131089	chr9	1.07E+08	1.07E+08	-	0.058948
Rad54l2	MmuINT0131090	chr9	1.07E+08	1.07E+08	-	0.037462
Rad54l2	MmuINT0131092	chr9	1.07E+08	1.07E+08	-	0.077544
Rad54l2	MmuINT0131093	chr9	1.07E+08	1.07E+08	-	0.053098
Rad54l2	MmuINT0131094	chr9	1.07E+08	1.07E+08	-	0.032415
Rad54l2	MmuINT0131095	chr9	1.07E+08	1.07E+08	-	0.041057
Rad54l2	MmuINT0131096	chr9	1.07E+08	1.07E+08	-	0.067101
Rad54l2	MmuINT0131097	chr9	1.07E+08	1.07E+08	-	0.042506
Rad54l2	MmuINT0131098	chr9	1.07E+08	1.07E+08	-	0.053995
Rad54l2	MmuINT0131099	chr9	1.07E+08	1.07E+08	-	0.043561
Rad54l2	MmuINT0131100	chr9	1.07E+08	1.07E+08	-	0.056241
Rad9	MmuINT0131101	chr19	4201400	4201482	-	0.047324
Rad9	MmuINT0131102	chr19	4196083	4196180	-	0.03561
Rad9	MmuINT0131103	chr19	4201058	4201328	-	0.052412
Rad9	MmuINT0131104	chr19	4200580	4200928	-	0.043955
Rad9	MmuINT0131105	chr19	4200372	4200464	-	0.053758



Rad9	MmuINT0131106	chr19	4197781	4200271	-	0.061094
Rad9	MmuINT0131107	chr19	4197587	4197670	-	0.097596
Rad9	MmuINT0131108	chr19	4197404	4197476	-	0.241471
Rad9	MmuINT0131109	chr19	4197251	4197338	-	0.075313
Rad9	MmuINT0131110	chr19	4196383	4197112	-	0.049262
Rad9b	MmuINT0131111	chr5	1.23E+08	1.23E+08	-	0.38414
Rad9b	MmuINT0131112	chr5	1.23E+08	1.23E+08	-	0.093223
Rad9b	MmuINT0131114	chr5	1.23E+08	1.23E+08	-	0.061897
Rad9b	MmuINT0131115	chr5	1.23E+08	1.23E+08	-	0.049517
Rad9b	MmuINT0131116	chr5	1.23E+08	1.23E+08	-	0.032826
Rad9b	MmuINT0131117	chr5	1.23E+08	1.23E+08	-	0.062989
Rad9b	MmuINT0131118	chr5	1.23E+08	1.23E+08	-	0.051883
Rad9b	MmuINT0131119	chr5	1.23E+08	1.23E+08	-	0.09004
Rad9b	MmuINT0131120	chr5	1.23E+08	1.23E+08	-	0.041875
Rae1	MmuINT0131135	chr2	1.73E+08	1.73E+08	+	0.022719
Rae1	MmuINT0131137	chr2	1.73E+08	1.73E+08	+	0.006155
Rae1	MmuINT0131138	chr2	1.73E+08	1.73E+08	+	0.010068
Rae1	MmuINT0131139	chr2	1.73E+08	1.73E+08	+	0.005956
Rae1	MmuINT0131140	chr2	1.73E+08	1.73E+08	+	0.013633
Rae1	MmuINT0131142	chr2	1.73E+08	1.73E+08	+	0.013671
Rae1	MmuINT0131143	chr2	1.73E+08	1.73E+08	+	0.015114
Rae1	MmuINT0131144	chr2	1.73E+08	1.73E+08	+	0.091089
Rae1	MmuINT0131145	chr2	1.73E+08	1.73E+08	+	0.008766
Raf1	MmuINT0131161	chr6	1.16E+08	1.16E+08	-	0.18475
Raf1	MmuINT0131162	chr6	1.16E+08	1.16E+08	-	0.006136
Raf1	MmuINT0131163	chr6	1.16E+08	1.16E+08	-	0.032406
Raf1	MmuINT0131164	chr6	1.16E+08	1.16E+08	-	0.025521
Raf1	MmuINT0131165	chr6	1.16E+08	1.16E+08	-	0.082451
Raf1	MmuINT0131166	chr6	1.16E+08	1.16E+08	-	0.062777
Raf1	MmuINT0131167	chr6	1.16E+08	1.16E+08	-	0.039976
Raf1	MmuINT0131168	chr6	1.16E+08	1.16E+08	-	0.034066
Raf1	MmuINT0131169	chr6	1.16E+08	1.16E+08	-	0.002102
Raf1	MmuINT0131170	chr6	1.16E+08	1.16E+08	-	0.003025
Raf1	MmuINT0131171	chr6	1.16E+08	1.16E+08	-	0.002126
Raf1	MmuINT0131172	chr6	1.16E+08	1.16E+08	-	0.004108
Raf1	MmuINT0131173	chr6	1.16E+08	1.16E+08	-	0.008539
Raf1	MmuINT0131174	chr6	1.16E+08	1.16E+08	-	0.045187
Raf1	MmuINT0131175	chr6	1.16E+08	1.16E+08	-	0.024589
Raf1	MmuINT0131176	chr6	1.16E+08	1.16E+08	-	0.007153
Rai1	MmuINT0131185	chr11	59953873	59998597	+	0.056545
Rai1	MmuINT0131186	chr11	60004125	60007440	+	0.062724
Rai1	MmuINT0131187	chr11	60007535	60011290	+	0.117886
Rai1	MmuINT0131188	chr11	60011341	60011532	+	0.060932
Rai12	MmuINT0131189	chr11	69788763	69793331	-	0.006969
Rai12	MmuINT0131190	chr11	69784245	69788541	-	0.010115
Rai12	MmuINT0131191	chr11	69783091	69784062	-	0.008238
Rai12	MmuINT0131192	chr11	69782699	69782994	-	0.008833
Rai12	MmuINT0131193	chr11	69782043	69782597	-	0.005744
Rai12	MmuINT0131194	chr11	69793562	69793715	-	0.082339
Rai14	MmuINT0131200	chr15	10508242	10513536	-	0.053211

Rai14	MmuINT0131201	chr15	10505600	10508122	-	0.055399
Rai14	MmuINT0131202	chr15	10502236	10504066	-	0.08097
Rai14	MmuINT0131205	chr15	10563022	10620125	-	0.059499
Rai14	MmuINT0131208	chr15	10522862	10524740	-	0.067716
Rai14	MmuINT0131209	chr15	10522006	10522754	-	0.048643
Rai14	MmuINT0131210	chr15	10521371	10521826	-	0.068291
Rai2	MmuINT0131212	chrX	1.58E+08	1.58E+08	+	0.010171
Rala	MmuINT0131214	chr13	17988937	18035850	-	0.004006
Rala	MmuINT0131215	chr13	17985165	17988786	-	0.002203
Rala	MmuINT0131216	chr13	17980516	17984955	-	0.001773
Rala	MmuINT0131217	chr13	17974336	17980340	-	0.004412
Ralb	MmuINT0131218	chr1	1.21E+08	1.21E+08	-	0.009764
Ralb	MmuINT0131219	chr1	1.21E+08	1.21E+08	-	0.019242
Ralb	MmuINT0131220	chr1	1.21E+08	1.21E+08	-	0.027157
Ralb	MmuINT0131221	chr1	1.21E+08	1.21E+08	-	0.010379
Ralbp1	MmuINT0131222	chr17	66214073	66216871	-	0.007592
Ralbp1	MmuINT0131223	chr17	66210946	66213613	-	0.006034
Ralbp1	MmuINT0131224	chr17	66208475	66210595	-	0.005438
Ralbp1	MmuINT0131225	chr17	66207134	66208312	-	0.011221
Ralbp1	MmuINT0131226	chr17	66203540	66207001	-	0.020526
Ralbp1	MmuINT0131227	chr17	66202152	66203431	-	0.019711
Ralbp1	MmuINT0131228	chr17	66201584	66202029	-	0.011761
Ralbp1	MmuINT0131229	chr17	66199536	66201459	-	0.012631
Ralgapa1	MmuINT0131231	chr12	56896764	56921648	-	0.090942
Ralgapa1	MmuINT0131232	chr12	56863725	56871605	-	0.009589
Ralgapa1	MmuINT0131233	chr12	56859048	56863526	-	0.01163
Ralgapa1	MmuINT0131234	chr12	56848252	56858912	-	0.022159
Ralgapa1	MmuINT0131235	chr12	56842551	56848102	-	0.012364
Ralgapa1	MmuINT0131236	chr12	56840557	56842420	-	0.011478
Ralgapa1	MmuINT0131237	chr12	56839360	56840318	-	0.009523
Ralgapa1	MmuINT0131239	chr12	56820696	56823760	-	0.914443
Ralgapa1	MmuINT0131240	chr12	56819297	56820570	-	0.007185
Ralgapa1	MmuINT0131241	chr12	56818126	56819079	-	0.006419
Ralgapa1	MmuINT0131242	chr12	56896032	56896652	-	0.050241
Ralgapa1	MmuINT0131243	chr12	56813774	56817948	-	0.011226
Ralgapa1	MmuINT0131244	chr12	56810695	56813620	-	0.065148
Ralgapa1	MmuINT0131245	chr12	56810080	56810500	-	0.009121
Ralgapa1	MmuINT0131246	chr12	56809096	56809980	-	0.007701
Ralgapa1	MmuINT0131247	chr12	56803551	56808939	-	0.011949
Ralgapa1	MmuINT0131248	chr12	56799875	56803421	-	0.011272
Ralgapa1	MmuINT0131249	chr12	56798885	56799748	-	0.014633
Ralgapa1	MmuINT0131250	chr12	56796243	56798825	-	0.021887
Ralgapa1	MmuINT0131251	chr12	56794453	56796133	-	0.013612
Ralgapa1	MmuINT0131252	chr12	56790815	56794341	-	0.010167
Ralgapa1	MmuINT0131253	chr12	56891357	56895981	-	0.036127
Ralgapa1	MmuINT0131255	chr12	56785078	56785473	-	0.007529
Ralgapa1	MmuINT0131256	chr12	56778253	56784893	-	0.005967
Ralgapa1	MmuINT0131257	chr12	56774512	56777390	-	0.009896
Ralgapa1	MmuINT0131258	chr12	56766664	56774439	-	0.006773
Ralgapa1	MmuINT0131259	chr12	56760191	56766539	-	0.006873

Ralgapa1	MmuINT0131260	chr12	56743471	56760034	-	0.008794
Ralgapa1	MmuINT0131261	chr12	56741699	56743311	-	0.007302
Ralgapa1	MmuINT0131262	chr12	56713746	56741570	-	0.010974
Ralgapa1	MmuINT0131263	chr12	56713091	56713620	-	0.009822
Ralgapa1	MmuINT0131264	chr12	56888454	56891298	-	0.02974
Ralgapa1	MmuINT0131265	chr12	56705259	56713059	-	0.729489
Ralgapa1	MmuINT0131266	chr12	56887335	56888409	-	0.017984
Ralgapa1	MmuINT0131267	chr12	56883885	56887156	-	0.011767
Ralgapa1	MmuINT0131268	chr12	56878418	56883768	-	0.012884
Ralgapa1	MmuINT0131269	chr12	56877215	56878278	-	0.011863
Ralgapa1	MmuINT0131270	chr12	56871846	56877005	-	0.009065
Ralgapa2	MmuINT0131271	chr2	1.46E+08	1.46E+08	-	0.017493
Ralgapa2	MmuINT0131272	chr2	1.46E+08	1.46E+08	-	0.01705
Ralgapa2	MmuINT0131273	chr2	1.46E+08	1.46E+08	-	0.007508
Ralgapa2	MmuINT0131274	chr2	1.46E+08	1.46E+08	-	0.008568
Ralgapa2	MmuINT0131275	chr2	1.46E+08	1.46E+08	-	0.011562
Ralgapa2	MmuINT0131276	chr2	1.46E+08	1.46E+08	-	0.007828
Ralgapa2	MmuINT0131277	chr2	1.46E+08	1.46E+08	-	0.00741
Ralgapa2	MmuINT0131281	chr2	1.46E+08	1.46E+08	-	0.024083
Ralgapa2	MmuINT0131282	chr2	1.46E+08	1.46E+08	-	0.017359
Ralgapa2	MmuINT0131283	chr2	1.46E+08	1.46E+08	-	0.007633
Ralgapa2	MmuINT0131284	chr2	1.46E+08	1.46E+08	-	0.008558
Ralgapa2	MmuINT0131285	chr2	1.46E+08	1.46E+08	-	0.008566
Ralgapa2	MmuINT0131286	chr2	1.46E+08	1.46E+08	-	0.011389
Ralgapa2	MmuINT0131287	chr2	1.46E+08	1.46E+08	-	0.00791
Ralgapa2	MmuINT0131288	chr2	1.46E+08	1.46E+08	-	0.009857
Ralgapa2	MmuINT0131289	chr2	1.46E+08	1.46E+08	-	0.024784
Ralgapa2	MmuINT0131290	chr2	1.46E+08	1.46E+08	-	0.019938
Ralgapa2	MmuINT0131291	chr2	1.46E+08	1.46E+08	-	0.017562
Ralgapa2	MmuINT0131292	chr2	1.46E+08	1.46E+08	-	0.01136
Ralgapa2	MmuINT0131293	chr2	1.46E+08	1.46E+08	-	0.021126
Ralgapa2	MmuINT0131294	chr2	1.46E+08	1.46E+08	-	0.017187
Ralgapa2	MmuINT0131295	chr2	1.46E+08	1.46E+08	-	0.008569
Ralgapa2	MmuINT0131296	chr2	1.46E+08	1.46E+08	-	0.005879
Ralgapa2	MmuINT0131297	chr2	1.46E+08	1.46E+08	-	0.011068
Ralgapa2	MmuINT0131298	chr2	1.46E+08	1.46E+08	-	0.008995
Ralgapa2	MmuINT0131299	chr2	1.46E+08	1.46E+08	-	0.008193
Ralgapa2	MmuINT0131300	chr2	1.46E+08	1.46E+08	-	0.007391
Ralgapa2	MmuINT0131301	chr2	1.46E+08	1.46E+08	-	0.009348
Ralgapa2	MmuINT0131302	chr2	1.46E+08	1.46E+08	-	0.100889
Ralgapa2	MmuINT0131303	chr2	1.46E+08	1.46E+08	-	0.026647
Ralgapa2	MmuINT0131304	chr2	1.46E+08	1.46E+08	-	0.028958
Ralgapa2	MmuINT0131305	chr2	1.46E+08	1.46E+08	-	0.015954
Ralgapa2	MmuINT0131306	chr2	1.46E+08	1.46E+08	-	0.020302
Ralgapa2	MmuINT0131307	chr2	1.46E+08	1.46E+08	-	0.010323
Ralgapa2	MmuINT0131308	chr2	1.46E+08	1.46E+08	-	0.019616
Ralgapa2	MmuINT0131309	chr2	1.46E+08	1.46E+08	-	0.007145
Ralgapa2	MmuINT0131310	chr2	1.46E+08	1.46E+08	-	0.006581
Ralgapb	MmuINT0131311	chr2	1.58E+08	1.58E+08	+	0.06511
Ralgapb	MmuINT0131312	chr2	1.58E+08	1.58E+08	+	0.014641

Ralgapb	MmuINT0131313	chr2	1.58E+08	1.58E+08	+	0.016138
Ralgapb	MmuINT0131314	chr2	1.58E+08	1.58E+08	+	0.014466
Ralgapb	MmuINT0131315	chr2	1.58E+08	1.58E+08	+	0.013212
Ralgapb	MmuINT0131316	chr2	1.58E+08	1.58E+08	+	0.019363
Ralgapb	MmuINT0131317	chr2	1.58E+08	1.58E+08	+	0.090503
Ralgapb	MmuINT0131318	chr2	1.58E+08	1.58E+08	+	0.015367
Ralgapb	MmuINT0131319	chr2	1.58E+08	1.58E+08	+	0.009802
Ralgapb	MmuINT0131320	chr2	1.58E+08	1.58E+08	+	0.012961
Ralgapb	MmuINT0131321	chr2	1.58E+08	1.58E+08	+	0.013549
Ralgapb	MmuINT0131322	chr2	1.58E+08	1.58E+08	+	0.022313
Ralgapb	MmuINT0131323	chr2	1.58E+08	1.58E+08	+	0.018537
Ralgapb	MmuINT0131324	chr2	1.58E+08	1.58E+08	+	0.012415
Ralgapb	MmuINT0131325	chr2	1.58E+08	1.58E+08	+	0.013282
Ralgapb	MmuINT0131326	chr2	1.58E+08	1.58E+08	+	0.015408
Ralgapb	MmuINT0131327	chr2	1.58E+08	1.58E+08	+	0.018117
Ralgapb	MmuINT0131328	chr2	1.58E+08	1.58E+08	+	0.011918
Ralgapb	MmuINT0131329	chr2	1.58E+08	1.58E+08	+	0.020668
Ralgapb	MmuINT0131330	chr2	1.58E+08	1.58E+08	+	0.08668
Ralgapb	MmuINT0131331	chr2	1.58E+08	1.58E+08	+	0.021879
Ralgapb	MmuINT0131332	chr2	1.58E+08	1.58E+08	+	0.011443
Ralgapb	MmuINT0131333	chr2	1.58E+08	1.58E+08	+	0.029057
Ralgapb	MmuINT0131334	chr2	1.58E+08	1.58E+08	+	0.013627
Ralgapb	MmuINT0131335	chr2	1.58E+08	1.58E+08	+	0.017413
Ralgapb	MmuINT0131336	chr2	1.58E+08	1.58E+08	+	0.017998
Ralgapb	MmuINT0131337	chr2	1.58E+08	1.58E+08	+	0.013854
Ralgapb	MmuINT0131338	chr2	1.58E+08	1.58E+08	+	0.014089
Ralgapb	MmuINT0131339	chr2	1.58E+08	1.58E+08	+	0.021805
Ralgds	MmuINT0131341	chr2	28389254	28396230	+	0.048649
Ralgds	MmuINT0131342	chr2	28402741	28403053	+	0.121112
Ralgds	MmuINT0131343	chr2	28403141	28403632	+	0.07849
Ralgds	MmuINT0131344	chr2	28403666	28403903	+	0.054685
Ralgds	MmuINT0131345	chr2	28404026	28404189	+	0.044445
Ralgds	MmuINT0131346	chr2	28404286	28404474	+	0.027014
Ralgds	MmuINT0131347	chr2	28404677	28404809	+	0.032293
Ralgds	MmuINT0131348	chr2	28405053	28405968	+	0.056672
Ralgds	MmuINT0131349	chr2	28406084	28407611	+	0.085298
Ralgds	MmuINT0131350	chr2	28396342	28397809	+	0.034179
Ralgds	MmuINT0131352	chr2	28399268	28399508	+	0.019901
Ralgds	MmuINT0131353	chr2	28399907	28400529	+	0.084735
Ralgds	MmuINT0131354	chr2	28400746	28400934	+	0.044287
Ralgds	MmuINT0131355	chr2	28401039	28401380	+	0.112498
Ralgps1	MmuINT0131357	chr2	33196354	33226789	-	0.045375
Ralgps1	MmuINT0131363	chr2	33001024	33002089	-	0.050773
Ralgps1	MmuINT0131365	chr2	32998670	32998819	-	0.067683
Ralgps1	MmuINT0131366	chr2	32996607	32998563	-	0.055766
Ralgps1	MmuINT0131367	chr2	32993230	32996514	-	0.221041
Ralgps1	MmuINT0131374	chr2	33030069	33115997	-	0.045722
Ralgps1	MmuINT0131375	chr2	33028032	33029930	-	0.069383
Ralgps2	MmuINT0131377	chr1	1.59E+08	1.59E+08	-	0.039444
Ralgps2	MmuINT0131378	chr1	1.59E+08	1.59E+08	-	0.040893

Ralgps2	MmuINT0131379	chr1	1.59E+08	1.59E+08	-	0.031719
Ralgps2	MmuINT0131380	chr1	1.59E+08	1.59E+08	-	0.047214
Ralgps2	MmuINT0131383	chr1	1.59E+08	1.59E+08	-	0.030979
Ralgps2	MmuINT0131384	chr1	1.59E+08	1.59E+08	-	0.032431
Ralgps2	MmuINT0131385	chr1	1.59E+08	1.59E+08	-	0.03693
Ralgps2	MmuINT0131386	chr1	1.59E+08	1.59E+08	-	0.025553
Ralgps2	MmuINT0131387	chr1	1.59E+08	1.59E+08	-	0.048548
Ralgps2	MmuINT0131388	chr1	1.59E+08	1.59E+08	-	0.059322
Ralgps2	MmuINT0131389	chr1	1.59E+08	1.59E+08	-	0.045188
Ralgps2	MmuINT0131390	chr1	1.59E+08	1.59E+08	-	0.031593
Ralgps2	MmuINT0131391	chr1	1.59E+08	1.59E+08	-	0.032945
Ralgps2	MmuINT0131392	chr1	1.59E+08	1.59E+08	-	0.024675
Ralgps2	MmuINT0131393	chr1	1.59E+08	1.59E+08	-	0.039051
Raly	MmuINT0131399	chr2	1.55E+08	1.55E+08	+	0.013854
Raly	MmuINT0131400	chr2	1.55E+08	1.55E+08	+	0.003211
Raly	MmuINT0131401	chr2	1.55E+08	1.55E+08	+	0.020981
Raly	MmuINT0131402	chr2	1.55E+08	1.55E+08	+	0.004994
Raly	MmuINT0131403	chr2	1.55E+08	1.55E+08	+	0.001665
Raly	MmuINT0131404	chr2	1.55E+08	1.55E+08	+	0.007274
Raly	MmuINT0131405	chr2	1.55E+08	1.55E+08	+	0.003829
Ramp1	MmuINT0131424	chr1	93076718	93093347	+	0.009953
Ramp1	MmuINT0131425	chr1	93093487	93119682	+	0.013697
Ramp2	MmuINT0131427	chr11	1.01E+08	1.01E+08	+	0.039368
Ramp2	MmuINT0131428	chr11	1.01E+08	1.01E+08	+	0.130868
Ramp2	MmuINT0131429	chr11	1.01E+08	1.01E+08	+	0.083859
Ramp3	MmuINT0131430	chr11	6558631	6574765	+	0.041253
Ramp3	MmuINT0131431	chr11	6574899	6576485	+	0.165653
Ran	MmuINT0131432	chr5	1.3E+08	1.3E+08	+	0.007839
Ran	MmuINT0131434	chr5	1.3E+08	1.3E+08	+	0.00084
Ranbp1	MmuINT0131438	chr16	18247519	18248640	-	0.003272
Ranbp1	MmuINT0131439	chr16	18245452	18247381	-	0.002824
Ranbp1	MmuINT0131440	chr16	18241967	18245293	-	0.007945
Ranbp1	MmuINT0131441	chr16	18241053	18241837	-	0.004817
Ranbp10	MmuINT0131443	chr8	1.08E+08	1.08E+08	-	0.016102
Ranbp10	MmuINT0131444	chr8	1.08E+08	1.08E+08	-	0.144629
Ranbp10	MmuINT0131445	chr8	1.08E+08	1.08E+08	-	0.024046
Ranbp10	MmuINT0131446	chr8	1.08E+08	1.08E+08	-	0.040445
Ranbp10	MmuINT0131447	chr8	1.08E+08	1.08E+08	-	0.027257
Ranbp10	MmuINT0131448	chr8	1.08E+08	1.08E+08	-	0.022852
Ranbp10	MmuINT0131449	chr8	1.08E+08	1.08E+08	-	0.032621
Ranbp10	MmuINT0131450	chr8	1.08E+08	1.08E+08	-	0.013696
Ranbp10	MmuINT0131451	chr8	1.08E+08	1.08E+08	-	0.021387
Ranbp10	MmuINT0131452	chr8	1.08E+08	1.08E+08	-	0.037595
Ranbp10	MmuINT0131453	chr8	1.08E+08	1.08E+08	-	0.026511
Ranbp10	MmuINT0131454	chr8	1.08E+08	1.08E+08	-	0.011335
Ranbp10	MmuINT0131455	chr8	1.08E+08	1.08E+08	-	0.01815
Ranbp2	MmuINT0131483	chr10	57909800	57914731	+	0.042078
Ranbp2	MmuINT0131484	chr10	57926749	57926830	+	0.015938
Ranbp2	MmuINT0131485	chr10	57927007	57927152	+	0.023324
Ranbp2	MmuINT0131486	chr10	57927277	57927812	+	0.016747

Ranbp2	MmuINT0131487	chr10	57927975	57928191	+	0.02683
Ranbp2	MmuINT0131488	chr10	57928330	57928410	+	0.031341
Ranbp2	MmuINT0131489	chr10	57928558	57929862	+	0.022885
Ranbp2	MmuINT0131490	chr10	57930043	57930137	+	0.015629
Ranbp2	MmuINT0131491	chr10	57930222	57933374	+	0.019428
Ranbp2	MmuINT0131492	chr10	57933511	57937991	+	0.02176
Ranbp2	MmuINT0131493	chr10	57938087	57938904	+	0.0348
Ranbp2	MmuINT0131494	chr10	57914800	57916059	+	0.039911
Ranbp2	MmuINT0131495	chr10	57943568	57945776	+	0.028822
Ranbp2	MmuINT0131496	chr10	57945948	57946644	+	0.026142
Ranbp2	MmuINT0131497	chr10	57946732	57947189	+	0.007134
Ranbp2	MmuINT0131498	chr10	57947369	57948427	+	0.006819
Ranbp2	MmuINT0131499	chr10	57948630	57951320	+	0.02223
Ranbp2	MmuINT0131500	chr10	57951423	57953357	+	0.012272
Ranbp2	MmuINT0131501	chr10	57953504	57955158	+	0.006945
Ranbp2	MmuINT0131502	chr10	57955433	57955549	+	0.010831
Ranbp2	MmuINT0131503	chr10	57955885	57956410	+	0.01483
Ranbp2	MmuINT0131504	chr10	57916172	57917320	+	0.026039
Ranbp2	MmuINT0131505	chr10	57917474	57917966	+	0.020166
Ranbp2	MmuINT0131506	chr10	57918198	57918556	+	0.02281
Ranbp2	MmuINT0131507	chr10	57918703	57920339	+	0.024353
Ranbp2	MmuINT0131508	chr10	57920533	57923265	+	0.019915
Ranbp2	MmuINT0131509	chr10	57923354	57924583	+	0.033143
Ranbp2	MmuINT0131510	chr10	57924794	57926566	+	0.014929
Ranbp3	MmuINT0131511	chr17	56812835	56825428	+	0.030835
Ranbp3	MmuINT0131512	chr17	56846662	56847273	+	0.066434
Ranbp3	MmuINT0131513	chr17	56847377	56847593	+	0.023548
Ranbp3	MmuINT0131514	chr17	56847704	56848636	+	0.029251
Ranbp3	MmuINT0131515	chr17	56848758	56849510	+	0.044464
Ranbp3	MmuINT0131516	chr17	56849654	56850013	+	0.052557
Ranbp3	MmuINT0131517	chr17	56850201	56850278	+	0.023534
Ranbp3	MmuINT0131518	chr17	56825485	56836024	+	0.018382
Ranbp3	MmuINT0131519	chr17	56836062	56836140	+	0.008843
Ranbp3	MmuINT0131520	chr17	56836213	56840445	+	0.06169
Ranbp3	MmuINT0131521	chr17	56840512	56840871	+	0.025537
Ranbp3	MmuINT0131522	chr17	56840965	56842185	+	0.044915
Ranbp3	MmuINT0131523	chr17	56842314	56844879	+	0.008044
Ranbp3	MmuINT0131524	chr17	56844994	56846284	+	0.015818
Ranbp3	MmuINT0131525	chr17	56846389	56846585	+	0.006614
Ranbp9	MmuINT0131537	chr13	43557193	43575780	-	0.010286
Ranbp9	MmuINT0131538	chr13	43509474	43511693	-	0.011275
Ranbp9	MmuINT0131539	chr13	43507932	43509351	-	0.047098
Ranbp9	MmuINT0131540	chr13	43502093	43507779	-	0.020371
Ranbp9	MmuINT0131541	chr13	43499059	43501980	-	0.065224
Ranbp9	MmuINT0131542	chr13	43531512	43557080	-	0.009484
Ranbp9	MmuINT0131543	chr13	43530351	43531458	-	0.010292
Ranbp9	MmuINT0131544	chr13	43525840	43530182	-	0.005582
Ranbp9	MmuINT0131545	chr13	43520584	43525816	-	0.01259
Ranbp9	MmuINT0131546	chr13	43518033	43520398	-	0.024081
Ranbp9	MmuINT0131547	chr13	43516689	43517919	-	0.009554

Ranbp9	MmuINT0131548	chr13	43515136	43516579	-	0.004409
Ranbp9	MmuINT0131549	chr13	43511839	43514944	-	0.006215
Rangap1	MmuINT0131552	chr15	81541989	81542071	-	0.007736
Rangap1	MmuINT0131553	chr15	81540984	81541903	-	0.066074
Rangap1	MmuINT0131554	chr15	81540037	81540790	-	0.015682
Rangap1	MmuINT0131555	chr15	81536934	81539916	-	0.02232
Rangap1	MmuINT0131556	chr15	81536179	81536830	-	0.014939
Rangap1	MmuINT0131557	chr15	81536005	81536089	-	0.017367
Rangap1	MmuINT0131558	chr15	81535689	81535882	-	0.015028
Rangap1	MmuINT0131561	chr15	81551097	81552328	-	0.012476
Rangap1	MmuINT0131562	chr15	81549353	81551036	-	0.006259
Rangap1	MmuINT0131563	chr15	81547132	81549172	-	0.012841
Rangap1	MmuINT0131564	chr15	81543408	81546996	-	0.006532
Rangap1	MmuINT0131565	chr15	81542566	81543248	-	0.012397
Rangap1	MmuINT0131566	chr15	81542172	81542451	-	0.00965
Rap1b	MmuINT0131578	chr10	1.17E+08	1.17E+08	-	0.015512
Rap1b	MmuINT0131579	chr10	1.17E+08	1.17E+08	-	0.036342
Rap1b	MmuINT0131580	chr10	1.17E+08	1.17E+08	-	0.011929
Rap1b	MmuINT0131581	chr10	1.17E+08	1.17E+08	-	0.010679
Rap1b	MmuINT0131582	chr10	1.17E+08	1.17E+08	-	0.004834
Rap1b	MmuINT0131583	chr10	1.17E+08	1.17E+08	-	0.007639
Rap1b	MmuINT0131584	chr10	1.17E+08	1.17E+08	-	0.016582
Rap1gap	MmuINT0131594	chr4	1.37E+08	1.37E+08	+	0.971487
Rap1gap	MmuINT0131595	chr4	1.37E+08	1.37E+08	+	0.019498
Rap1gap	MmuINT0131597	chr4	1.37E+08	1.37E+08	+	0.01946
Rap1gap	MmuINT0131598	chr4	1.37E+08	1.37E+08	+	0.076319
Rap1gap	MmuINT0131599	chr4	1.37E+08	1.37E+08	+	0.126605
Rap1gap	MmuINT0131600	chr4	1.37E+08	1.37E+08	+	0.071303
Rap1gap	MmuINT0131601	chr4	1.37E+08	1.37E+08	+	0.024986
Rap1gap2	MmuINT0131610	chr11	74236016	74238683	-	0.006695
Rap1gap2	MmuINT0131611	chr11	74229835	74235931	-	0.004377
Rap1gap2	MmuINT0131612	chr11	74228023	74229733	-	0.005301
Rap1gap2	MmuINT0131613	chr11	74225955	74227892	-	0.004157
Rap1gap2	MmuINT0131614	chr11	74221462	74225798	-	0.00751
Rap1gap2	MmuINT0131615	chr11	74220900	74221389	-	0.00575
Rap1gap2	MmuINT0131616	chr11	74219360	74220812	-	0.003842
Rap1gap2	MmuINT0131617	chr11	74210997	74219224	-	0.005129
Rap1gap2	MmuINT0131618	chr11	74209400	74210858	-	0.007543
Rap1gap2	MmuINT0131619	chr11	74206985	74209280	-	0.010058
Rap1gap2	MmuINT0131621	chr11	74206665	74206870	-	0.006713
Rap1gap2	MmuINT0131623	chr11	74202362	74205721	-	0.004664
Rap1gap2	MmuINT0131624	chr11	74201860	74202284	-	0.022926
Rap1gap2	MmuINT0131625	chr11	74201014	74201820	-	0.014784
Rap1gap2	MmuINT0131626	chr11	74255288	74298388	-	0.006434
Rap1gap2	MmuINT0131627	chr11	74251811	74255251	-	0.02422
Rap1gap2	MmuINT0131628	chr11	74250966	74251765	-	0.013511
Rap1gap2	MmuINT0131629	chr11	74250639	74250932	-	0.005246
Rap1gap2	MmuINT0131630	chr11	74249307	74250425	-	0.004328
Rap1gap2	MmuINT0131631	chr11	74239493	74249202	-	0.007088
Rap1gds1	MmuINT0131635	chr3	1.39E+08	1.39E+08	-	0.018314

Rap1gds1	MmuINT0131636	chr3	1.39E+08	1.39E+08	-	0.008452
Rap1gds1	MmuINT0131637	chr3	1.39E+08	1.39E+08	-	0.008897
Rap1gds1	MmuINT0131638	chr3	1.39E+08	1.39E+08	-	0.009222
Rap1gds1	MmuINT0131639	chr3	1.39E+08	1.39E+08	-	0.010053
Rap1gds1	MmuINT0131640	chr3	1.39E+08	1.39E+08	-	0.008867
Rap1gds1	MmuINT0131641	chr3	1.39E+08	1.39E+08	-	0.011384
Rap1gds1	MmuINT0131642	chr3	1.39E+08	1.39E+08	-	0.018978
Rap1gds1	MmuINT0131643	chr3	1.39E+08	1.39E+08	-	0.007378
Rap1gds1	MmuINT0131644	chr3	1.39E+08	1.39E+08	-	0.009835
Rap1gds1	MmuINT0131645	chr3	1.39E+08	1.39E+08	-	0.009147
Rap1gds1	MmuINT0131646	chr3	1.39E+08	1.39E+08	-	0.00774
Rap1gds1	MmuINT0131647	chr3	1.39E+08	1.39E+08	-	0.010265
Rap2a	MmuINT0131648	chr14	1.21E+08	1.21E+08	+	0.0167
Rap2c	MmuINT0131649	chrX	48368461	48370802	-	0.007361
Rap2c	MmuINT0131650	chrX	48359928	48368147	-	0.011717
Rapgef1	MmuINT0131655	chr2	29565829	29575112	+	0.014456
Rapgef1	MmuINT0131657	chr2	29475584	29534652	+	0.00809
Rapgef1	MmuINT0131658	chr2	29558199	29562717	+	0.002291
Rapgef1	MmuINT0131659	chr2	29562921	29577743	+	0.016129
Rapgef1	MmuINT0131660	chr2	29577830	29580292	+	0.004288
Rapgef1	MmuINT0131661	chr2	29580405	29581725	+	0.003906
Rapgef1	MmuINT0131662	chr2	29581802	29586047	+	0.037911
Rapgef1	MmuINT0131663	chr2	29586133	29588346	+	0.041434
Rapgef1	MmuINT0131664	chr2	29588440	29589096	+	0.053384
Rapgef1	MmuINT0131665	chr2	29589283	29589719	+	0.023183
Rapgef1	MmuINT0131666	chr2	29589805	29589944	+	0.007462
Rapgef1	MmuINT0131667	chr2	29590040	29591321	+	0.026805
Rapgef1	MmuINT0131668	chr2	29534790	29535256	+	0.010578
Rapgef1	MmuINT0131669	chr2	29591401	29591503	+	0.00517
Rapgef1	MmuINT0131670	chr2	29591606	29592091	+	0.012674
Rapgef1	MmuINT0131671	chr2	29592190	29592846	+	0.008473
Rapgef1	MmuINT0131672	chr2	29592976	29593439	+	0.01425
Rapgef1	MmuINT0131673	chr2	29535371	29541624	+	0.006473
Rapgef1	MmuINT0131674	chr2	29541804	29544626	+	0.002585
Rapgef1	MmuINT0131675	chr2	29544784	29554516	+	0.003881
Rapgef1	MmuINT0131676	chr2	29554606	29555205	+	0.005242
Rapgef1	MmuINT0131677	chr2	29555359	29555705	+	0.006621
Rapgef1	MmuINT0131678	chr2	29555827	29556187	+	0.004022
Rapgef1	MmuINT0131679	chr2	29556372	29557712	+	0.003273
Rapgef2	MmuINT0131681	chr3	78895981	78896418	-	0.020914
Rapgef2	MmuINT0131682	chr3	78892725	78895733	-	0.019795
Rapgef2	MmuINT0131683	chr3	78892008	78892566	-	0.021361
Rapgef2	MmuINT0131684	chr3	78890051	78891766	-	0.017246
Rapgef2	MmuINT0131685	chr3	78887543	78889666	-	0.020075
Rapgef2	MmuINT0131686	chr3	78887245	78887330	-	0.015219
Rapgef2	MmuINT0131687	chr3	78886570	78887120	-	0.021392
Rapgef2	MmuINT0131688	chr3	78885208	78886545	-	0.046793
Rapgef2	MmuINT0131689	chr3	78883135	78884983	-	0.021861
Rapgef2	MmuINT0131690	chr3	78878383	78882927	-	0.017853
Rapgef2	MmuINT0131691	chr3	78908063	78916092	-	0.019666



Rapgef2	MmuINT0131692	chr3	78874138	78878229	-	0.013618
Rapgef2	MmuINT0131693	chr3	78873371	78873911	-	0.016457
Rapgef2	MmuINT0131694	chr3	78870795	78872810	-	0.036468
Rapgef2	MmuINT0131695	chr3	78868484	78870494	-	0.047298
Rapgef2	MmuINT0131696	chr3	78903153	78907884	-	0.021273
Rapgef2	MmuINT0131697	chr3	78902301	78903015	-	0.022133
Rapgef2	MmuINT0131698	chr3	78898888	78902141	-	0.024554
Rapgef2	MmuINT0131699	chr3	78898372	78898734	-	0.022396
Rapgef2	MmuINT0131700	chr3	78897025	78898206	-	0.021994
Rapgef2	MmuINT0131701	chr3	78896826	78896916	-	0.017841
Rapgef2	MmuINT0131702	chr3	78896528	78896621	-	0.018431
Rapgef3	MmuINT0131703	chr15	97580619	97580699	-	0.057011
Rapgef3	MmuINT0131705	chr15	97597406	97597825	-	0.263111
Rapgef3	MmuINT0131706	chr15	97588935	97589272	-	0.010988
Rapgef3	MmuINT0131707	chr15	97588537	97588821	-	0.109522
Rapgef3	MmuINT0131708	chr15	97588193	97588447	-	0.034762
Rapgef3	MmuINT0131709	chr15	97587941	97588113	-	0.136269
Rapgef3	MmuINT0131710	chr15	97587693	97587780	-	0.025582
Rapgef3	MmuINT0131711	chr15	97587072	97587609	-	0.070745
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Rapgef3	MmuINT0131714	chr15	97581320	97584207	-	0.03422
Rapgef3	MmuINT0131715	chr15	97592164	97597192	-	0.020753
Rapgef3	MmuINT0131716	chr15	97580173	97580436	-	0.068881
Rapgef3	MmuINT0131717	chr15	97579978	97580081	-	0.089485
Rapgef3	MmuINT0131718	chr15	97579102	97579926	-	0.275023
Rapgef3	MmuINT0131719	chr15	97578709	97579013	-	0.026942
Rapgef3	MmuINT0131720	chr15	97577709	97578643	-	0.029105
Rapgef3	MmuINT0131721	chr15	97577561	97577653	-	0.014887
Rapgef3	MmuINT0131722	chr15	97576098	97577488	-	0.045496
Rapgef3	MmuINT0131723	chr15	97592013	97592109	-	0.024628
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Rapgef3	MmuINT0131725	chr15	97591179	97591538	-	0.017363
Rapgef3	MmuINT0131726	chr15	97590481	97591009	-	0.103324
Rapgef3	MmuINT0131727	chr15	97589817	97590395	-	0.016134
Rapgef3	MmuINT0131728	chr15	97589670	97589755	-	0.022704
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Rapgef4	MmuINT0131731	chr2	72033779	72034272	+	0.017579
Rapgef4	MmuINT0131734	chr2	72036963	72039104	+	0.01009
Rapgef4	MmuINT0131735	chr2	72039221	72043711	+	0.01704
Rapgef4	MmuINT0131739	chr2	72063107	72063805	+	0.017073
Rapgef4	MmuINT0131740	chr2	72063837	72064055	+	0.020457
Rapgef4	MmuINT0131742	chr2	72064135	72064531	+	0.022119
Rapgef4	MmuINT0131743	chr2	72064679	72067062	+	0.01245
Rapgef4	MmuINT0131744	chr2	72067161	72072133	+	0.00944
Rapgef4	MmuINT0131745	chr2	72072260	72072664	+	0.008706
Rapgef4	MmuINT0131746	chr2	72072844	72077120	+	0.009257
Rapgef4	MmuINT0131749	chr2	72080379	72080784	+	0.019447
Rapgef4	MmuINT0131750	chr2	72080850	72090996	+	0.019518
Rapgef4	MmuINT0131751	chr2	72091052	72094305	+	0.008746

Rapgef4	MmuINT0131754	chr2	71975372	71979209	+	0.028997
Rapgef4	MmuINT0131756	chr2	72012966	72016234	+	0.012245
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Rapgef5	MmuINT0131760	chr12	1.19E+08	1.19E+08	+	0.645848
Rapgef5	MmuINT0131761	chr12	1.19E+08	1.19E+08	+	0.019802
Rapgef5	MmuINT0131762	chr12	1.19E+08	1.19E+08	+	0.018996
Rapgef5	MmuINT0131763	chr12	1.19E+08	1.19E+08	+	0.015911
Rapgef5	MmuINT0131764	chr12	1.19E+08	1.19E+08	+	0.028832
Rapgef5	MmuINT0131765	chr12	1.19E+08	1.19E+08	+	0.065616
Rapgef5	MmuINT0131767	chr12	1.19E+08	1.19E+08	+	0.025356
Rapgef5	MmuINT0131768	chr12	1.19E+08	1.19E+08	+	0.025299
Rapgef5	MmuINT0131769	chr12	1.19E+08	1.19E+08	+	0.023736
Rapgef5	MmuINT0131771	chr12	1.19E+08	1.19E+08	+	0.0132
Rapgef5	MmuINT0131772	chr12	1.19E+08	1.19E+08	+	0.048127
Rapgef5	MmuINT0131773	chr12	1.19E+08	1.19E+08	+	0.025886
Rapgef5	MmuINT0131774	chr12	1.19E+08	1.19E+08	+	0.033358
Rapgef5	MmuINT0131775	chr12	1.19E+08	1.19E+08	+	0.025324
Rapgef5	MmuINT0131776	chr12	1.19E+08	1.19E+08	+	0.037315
Rapgef5	MmuINT0131777	chr12	1.19E+08	1.19E+08	+	0.048716
Rapgef5	MmuINT0131778	chr12	1.19E+08	1.19E+08	+	0.045641
Rapgef6	MmuINT0131786	chr11	54336621	54357080	+	0.062101
Rapgef6	MmuINT0131787	chr11	54439522	54440086	+	0.030554
Rapgef6	MmuINT0131788	chr11	54440240	54444693	+	0.023636
Rapgef6	MmuINT0131789	chr11	54444859	54448261	+	0.039828
Rapgef6	MmuINT0131790	chr11	54448370	54449513	+	0.052498
Rapgef6	MmuINT0131791	chr11	54449718	54453251	+	0.039897
Rapgef6	MmuINT0131792	chr11	54453361	54456212	+	0.025742
Rapgef6	MmuINT0131793	chr11	54456454	54462683	+	0.032389
Rapgef6	MmuINT0131794	chr11	54462842	54470747	+	0.031114
Rapgef6	MmuINT0131795	chr11	54470989	54474304	+	0.033265
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Rapgef6	MmuINT0131805	chr11	54508075	54509581	+	0.124068
Rapgef6	MmuINT0131807	chr11	54366376	54374826	+	0.054075
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Rapgef6	MmuINT0131811	chr11	54433566	54435817	+	0.045909
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Raph1	MmuINT0131830	chr1	60553168	60555267	-	0.009515
Raph1	MmuINT0131831	chr1	60552380	60553068	-	0.010505

Raph1	MmuINT0131832	chr1	60550525	60552258	-	0.005661
Raph1	MmuINT0131834	chr1	60584334	60590130	-	0.013435
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Raph1	MmuINT0131838	chr1	60560440	60567260	-	0.010497
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Rapsn	MmuINT0131845	chr2	90883216	90883296	+	0.011022
Rapsn	MmuINT0131846	chr2	90883420	90883847	+	0.02046
Rapsn	MmuINT0131847	chr2	90883902	90884996	+	0.019276
Rapsn	MmuINT0131848	chr2	90885197	90885602	+	0.015527
Rara	MmuINT0131853	chr11	98799194	98811558	+	0.05727
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Rara	MmuINT0131856	chr11	98829501	98831470	+	0.027214
Rara	MmuINT0131857	chr11	98831632	98831806	+	0.024382
Rara	MmuINT0131858	chr11	98831984	98832895	+	0.023379
Rara	MmuINT0131859	chr11	98833101	98833825	+	0.066261
Rara	MmuINT0131860	chr11	98833985	98834733	+	0.020405
Rarb	MmuINT0131861	chr14	17381077	17407371	-	0.025285
Rarb	MmuINT0131862	chr14	17341590	17380927	-	0.013063
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Rarb	MmuINT0131867	chr14	17264782	17266678	-	0.02197
Rarg	MmuINT0131868	chr15	1.02E+08	1.02E+08	-	0.100295
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Rarres2	MmuINT0131883	chr6	48522290	48522592	-	0.020202
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Rarres2	MmuINT0131886	chr6	48519805	48519939	-	0.494065
Rars	MmuINT0131887	chr11	35646809	35647938	-	0.010919
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Rars	MmuINT0131896	chr11	35639611	35639978	-	0.00701
Rars	MmuINT0131897	chr11	35638019	35639488	-	0.011074
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Rars2	MmuINT0131901	chr4	34562276	34565802	+	0.034162
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Rasa1	MmuINT0131920	chr13	85398076	85428000	-	0.01565
Rasa1	MmuINT0131921	chr13	85373351	85373964	-	0.009486
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Rasa1	MmuINT0131933	chr13	85359100	85361075	-	0.019066
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Rasa1	MmuINT0131943	chr13	85374086	85377743	-	0.009918
Rasa2	MmuINT0131944	chr9	96511919	96531782	-	0.033315
Rasa2	MmuINT0131945	chr9	96471234	96472283	-	0.034357
Rasa2	MmuINT0131946	chr9	96470225	96471084	-	0.042872

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Rasa2	MmuINT0131949	chr9	96466542	96468782	-	0.046014
Rasa2	MmuINT0131950	chr9	96461201	96466434	-	0.04956
Rasa2	MmuINT0131952	chr9	96453606	96457818	-	0.122763
Rasa2	MmuINT0131953	chr9	96452829	96453531	-	0.190165
Rasa2	MmuINT0131954	chr9	96446749	96452721	-	0.044892
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Rasa2	MmuINT0131957	chr9	96445311	96446007	-	0.041218
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Rasa2	MmuINT0131960	chr9	96503227	96506511	-	0.047726
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Rasa2	MmuINT0131963	chr9	96480979	96483161	-	0.05749
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Rasa2	MmuINT0131965	chr9	96476807	96477891	-	0.746613
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Rasa3	MmuINT0131967	chr8	13631893	13677392	-	0.036285
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Rasa3	MmuINT0131969	chr8	13586989	13587951	-	0.080253
Rasa3	MmuINT0131970	chr8	13585749	13586873	-	0.025335
Rasa3	MmuINT0131971	chr8	13585037	13585673	-	0.042103
Rasa3	MmuINT0131972	chr8	13583857	13584912	-	0.026027
Rasa3	MmuINT0131973	chr8	13582377	13583749	-	0.024092
Rasa3	MmuINT0131974	chr8	13581329	13582298	-	0.067095
Rasa3	MmuINT0131975	chr8	13580108	13581250	-	0.021267
Rasa3	MmuINT0131977	chr8	13577890	13578607	-	0.027257
Rasa3	MmuINT0131978	chr8	13614638	13631774	-	0.041754
Rasa3	MmuINT0131979	chr8	13577569	13577806	-	0.027257
Rasa3	MmuINT0131980	chr8	13576441	13577359	-	0.016427
Rasa3	MmuINT0131981	chr8	13570423	13576336	-	0.03504
Rasa3	MmuINT0131982	chr8	13568767	13570238	-	0.019208
Rasa3	MmuINT0131983	chr8	13605957	13614533	-	0.034498
Rasa3	MmuINT0131984	chr8	13598291	13605861	-	0.034562
Rasa3	MmuINT0131985	chr8	13595890	13598213	-	0.05762
Rasa3	MmuINT0131986	chr8	13595408	13595808	-	0.036588
Rasa3	MmuINT0131987	chr8	13592081	13595334	-	0.058654
Rasa3	MmuINT0131988	chr8	13590307	13592003	-	0.030853
Rasa3	MmuINT0131989	chr8	13589021	13590201	-	0.019812
Rasa4	MmuINT0131992	chr5	1.37E+08	1.37E+08	+	0.689179
Rasa4	MmuINT0131993	chr5	1.37E+08	1.37E+08	+	0.090529
Rasa4	MmuINT0131994	chr5	1.37E+08	1.37E+08	+	0.109687
Rasa4	MmuINT0131995	chr5	1.37E+08	1.37E+08	+	0.051595
Rasa4	MmuINT0131996	chr5	1.37E+08	1.37E+08	+	0.057604
Rasa4	MmuINT0131997	chr5	1.37E+08	1.37E+08	+	0.165393
Rasa4	MmuINT0131998	chr5	1.37E+08	1.37E+08	+	0.02868
Rasa4	MmuINT0131999	chr5	1.37E+08	1.37E+08	+	0.118484
Rasa4	MmuINT0132000	chr5	1.37E+08	1.37E+08	+	0.048316
Rasa4	MmuINT0132001	chr5	1.37E+08	1.37E+08	+	0.198823

Rasa4	MmuINT0132002	chr5	1.37E+08	1.37E+08	+	0.067664
Rasa4	MmuINT0132003	chr5	1.37E+08	1.37E+08	+	0.049963
Rasa4	MmuINT0132004	chr5	1.37E+08	1.37E+08	+	0.056091
Rasa4	MmuINT0132005	chr5	1.37E+08	1.37E+08	+	0.052931
Rasa4	MmuINT0132006	chr5	1.37E+08	1.37E+08	+	0.063557
Rasa4	MmuINT0132007	chr5	1.37E+08	1.37E+08	+	0.035802
Rasa4	MmuINT0132008	chr5	1.37E+08	1.37E+08	+	0.066467
Rasa4	MmuINT0132010	chr5	1.37E+08	1.37E+08	+	0.065641
Rasal2	MmuINT0132032	chr1	1.59E+08	1.59E+08	-	0.026858
Rasal2	MmuINT0132033	chr1	1.59E+08	1.59E+08	-	0.024838
Rasal2	MmuINT0132034	chr1	1.59E+08	1.59E+08	-	0.02454
Rasal2	MmuINT0132036	chr1	1.59E+08	1.59E+08	-	0.01567
Rasal2	MmuINT0132037	chr1	1.59E+08	1.59E+08	-	0.019834
Rasal2	MmuINT0132038	chr1	1.59E+08	1.59E+08	-	0.018003
Rasal2	MmuINT0132039	chr1	1.59E+08	1.59E+08	-	0.028661
Rasal2	MmuINT0132040	chr1	1.59E+08	1.59E+08	-	0.025818
Rasal2	MmuINT0132041	chr1	1.59E+08	1.59E+08	-	0.035315
Rasal2	MmuINT0132044	chr1	1.59E+08	1.59E+08	-	0.021975
Rasal2	MmuINT0132047	chr1	1.59E+08	1.59E+08	-	0.026776
Rasd1	MmuINT0132065	chr11	59777869	59778021	-	0.031194
Rasd2	MmuINT0132067	chr8	77742715	77745617	+	0.062616
Rasgef1b	MmuINT0132097	chr5	99672266	99681732	-	0.030956
Rasgef1b	MmuINT0132098	chr5	99652055	99657006	-	0.060974
Rasgef1b	MmuINT0132099	chr5	99651461	99651958	-	0.021076
Rasgef1b	MmuINT0132100	chr5	99650453	99651336	-	0.032475
Rasgef1b	MmuINT0132101	chr5	99647818	99650379	-	0.05819
Rasgef1b	MmuINT0132102	chr5	99670551	99672082	-	0.027794
Rasgef1b	MmuINT0132103	chr5	99669980	99670427	-	0.020007
Rasgef1b	MmuINT0132104	chr5	99663711	99669841	-	0.092613
Rasgef1b	MmuINT0132105	chr5	99661417	99662933	-	0.0233
Rasgef1b	MmuINT0132106	chr5	99661213	99661320	-	0.025058
Rasgef1b	MmuINT0132107	chr5	99658420	99661109	-	0.030803
Rasgef1b	MmuINT0132108	chr5	99657103	99658339	-	0.027476
Rasgrf2	MmuINT0132163	chr13	92026075	92027236	-	0.06226
Rasgrp2	MmuINT0132189	chr19	6400652	6401720	+	0.991877
Rasgrp2	MmuINT0132190	chr19	6408249	6408447	+	0.017049
Rasgrp2	MmuINT0132191	chr19	6408571	6408838	+	0.008437
Rasgrp2	MmuINT0132192	chr19	6408955	6413084	+	0.285267
Rasgrp2	MmuINT0132193	chr19	6413227	6413427	+	0.393379
Rasgrp2	MmuINT0132194	chr19	6413465	6413864	+	0.34449
Rasgrp2	MmuINT0132195	chr19	6414042	6414791	+	0.079568
Rasgrp2	MmuINT0132196	chr19	6414855	6414993	+	0.014239
Rasgrp2	MmuINT0132197	chr19	6401864	6402471	+	0.217231
Rasgrp2	MmuINT0132198	chr19	6402575	6403023	+	0.142095
Rasgrp2	MmuINT0132199	chr19	6403087	6403431	+	0.031423
Rasgrp2	MmuINT0132200	chr19	6403564	6404299	+	0.539
Rasgrp2	MmuINT0132201	chr19	6404451	6404653	+	0.349998
Rasgrp2	MmuINT0132202	chr19	6404828	6404937	+	0.019395
Rasgrp2	MmuINT0132203	chr19	6405055	6407040	+	0.091788
Rasgrp2	MmuINT0132204	chr19	6407323	6408170	+	0.01879

Rasgrp3	MmuINT0132207	chr17	75911436	75913417	+	0.04017
Rasgrp3	MmuINT0132208	chr17	75913534	75915669	+	0.024256
Rasgrp3	MmuINT0132209	chr17	75915818	75923488	+	0.025431
Rasgrp3	MmuINT0132210	chr17	75923526	75923805	+	0.022535
Rasgrp3	MmuINT0132211	chr17	75923932	75924230	+	0.011019
Rasgrp3	MmuINT0132212	chr17	75924593	75926182	+	0.017163
Rasgrp3	MmuINT0132213	chr17	75891301	75893486	+	0.013397
Rasgrp3	MmuINT0132216	chr17	75896412	75897723	+	0.009428
Rasgrp3	MmuINT0132217	chr17	75897872	75899398	+	0.087953
Rasgrp3	MmuINT0132218	chr17	75899573	75899979	+	0.013602
Rasgrp3	MmuINT0132219	chr17	75900097	75902453	+	0.013918
Rasgrp3	MmuINT0132220	chr17	75902730	75909084	+	0.009443
Rasgrp4	MmuINT0132227	chr7	29933912	29934005	+	0.066553
Rasgrp4	MmuINT0132229	chr7	29935076	29935197	+	0.055252
Rasgrp4	MmuINT0132234	chr7	29925393	29925506	+	0.14556
Rasip1	MmuINT0132239	chr7	52882961	52883135	+	0.084265
Rasip1	MmuINT0132240	chr7	52892263	52893239	+	0.120549
Rasip1	MmuINT0132241	chr7	52893388	52894054	+	0.033678
Rasip1	MmuINT0132242	chr7	52883277	52883783	+	0.281898
Rasip1	MmuINT0132243	chr7	52884452	52885509	+	0.230813
Rasip1	MmuINT0132244	chr7	52885866	52887605	+	0.04737
Rasip1	MmuINT0132245	chr7	52888260	52890186	+	0.173365
Rasip1	MmuINT0132246	chr7	52890225	52890336	+	0.18207
Rasip1	MmuINT0132247	chr7	52890489	52890585	+	0.117578
Rasip1	MmuINT0132248	chr7	52890702	52891707	+	0.181752
Rasip1	MmuINT0132249	chr7	52891952	52892089	+	0.126064
Rasl10b	MmuINT0132253	chr11	83226337	83231353	+	0.010943
Rasl10b	MmuINT0132254	chr11	83231479	83232061	+	0.006434
Rasl11b	MmuINT0132258	chr5	74591616	74592127	+	0.015293
Rasl11b	MmuINT0132259	chr5	74592185	74593291	+	0.077467
Rasl11b	MmuINT0132260	chr5	74593369	74594133	+	0.075768
Rasl12	MmuINT0132264	chr9	65255458	65256116	+	0.075262
Rassf1	MmuINT0132266	chr9	1.07E+08	1.07E+08	+	0.112677
Rassf1	MmuINT0132267	chr9	1.07E+08	1.07E+08	+	0.028491
Rassf1	MmuINT0132268	chr9	1.07E+08	1.07E+08	+	0.029681
Rassf1	MmuINT0132269	chr9	1.07E+08	1.07E+08	+	0.109509
Rassf2	MmuINT0132271	chr2	1.32E+08	1.32E+08	-	0.053704
Rassf2	MmuINT0132272	chr2	1.32E+08	1.32E+08	-	0.035358
Rassf2	MmuINT0132276	chr2	1.32E+08	1.32E+08	-	0.069813
Rassf2	MmuINT0132278	chr2	1.32E+08	1.32E+08	-	0.107475
Rassf2	MmuINT0132279	chr2	1.32E+08	1.32E+08	-	0.110146
Rassf3	MmuINT0132280	chr10	1.21E+08	1.21E+08	-	0.003938
Rassf3	MmuINT0132281	chr10	1.21E+08	1.21E+08	-	0.00127
Rassf3	MmuINT0132282	chr10	1.21E+08	1.21E+08	-	0.001075
Rassf3	MmuINT0132283	chr10	1.21E+08	1.21E+08	-	0.002517
Rassf4	MmuINT0132285	chr6	1.17E+08	1.17E+08	-	0.086555
Rassf4	MmuINT0132287	chr6	1.17E+08	1.17E+08	-	0.56796
Rassf4	MmuINT0132288	chr6	1.17E+08	1.17E+08	-	0.048136
Rassf4	MmuINT0132289	chr6	1.17E+08	1.17E+08	-	0.04766
Rassf4	MmuINT0132290	chr6	1.17E+08	1.17E+08	-	0.153908

Rassf4	MmuINT0132291	chr6	1.17E+08	1.17E+08	-	0.118252
Rassf4	MmuINT0132293	chr6	1.17E+08	1.17E+08	-	0.067337
Rassf5	MmuINT0132297	chr1	1.33E+08	1.33E+08	-	0.135175
Rassf8	MmuINT0132314	chr6	1.46E+08	1.46E+08	+	0.016996
Rassf8	MmuINT0132315	chr6	1.46E+08	1.46E+08	+	0.023043
Rassf8	MmuINT0132316	chr6	1.46E+08	1.46E+08	+	0.029201
Rassf9	MmuINT0132317	chr10	1.02E+08	1.02E+08	+	0.028419
Raver1	MmuINT0132318	chr9	20894761	20896202	-	0.00823
Raver1	MmuINT0132319	chr9	20880552	20881010	-	0.019016
Raver1	MmuINT0132320	chr9	20880113	20880407	-	0.061919
Raver1	MmuINT0132321	chr9	20879941	20880028	-	0.039421
Raver1	MmuINT0132322	chr9	20891159	20894693	-	0.029444
Raver1	MmuINT0132323	chr9	20885820	20890688	-	0.008941
Raver1	MmuINT0132324	chr9	20885549	20885627	-	0.017556
Raver1	MmuINT0132325	chr9	20885262	20885418	-	0.013294
Raver1	MmuINT0132326	chr9	20884616	20885148	-	0.085303
Raver1	MmuINT0132327	chr9	20884257	20884527	-	0.05793
Raver1	MmuINT0132328	chr9	20883959	20884044	-	0.008521
Raver1	MmuINT0132329	chr9	20881086	20883652	-	0.029855
Rb1	MmuINT0132343	chr14	73721951	73725329	-	0.029214
Rb1	MmuINT0132344	chr14	73672518	73673443	-	0.02117
Rb1	MmuINT0132345	chr14	73669006	73672439	-	0.023316
Rb1	MmuINT0132346	chr14	73665440	73668917	-	0.01616
Rb1	MmuINT0132347	chr14	73664437	73665322	-	0.023246
Rb1	MmuINT0132348	chr14	73664289	73664379	-	0.024481
Rb1	MmuINT0132349	chr14	73664177	73664256	-	0.025195
Rb1	MmuINT0132350	chr14	73662533	73664099	-	0.015336
Rb1	MmuINT0132351	chr14	73616587	73662335	-	0.021006
Rb1	MmuINT0132352	chr14	73612937	73616470	-	0.014696
Rb1	MmuINT0132353	chr14	73611557	73612790	-	0.011896
Rb1	MmuINT0132354	chr14	73697977	73721823	-	0.019692
Rb1	MmuINT0132355	chr14	73607127	73611410	-	0.015052
Rb1	MmuINT0132356	chr14	73605931	73607021	-	0.017456
Rb1	MmuINT0132357	chr14	73605715	73605816	-	0.015797
Rb1	MmuINT0132358	chr14	73602663	73605550	-	0.124283
Rb1	MmuINT0132359	chr14	73599132	73602631	-	0.024208
Rb1	MmuINT0132360	chr14	73598389	73598988	-	0.017122
Rb1	MmuINT0132361	chr14	73597092	73598338	-	0.025724
Rb1	MmuINT0132362	chr14	73694838	73697860	-	0.018953
Rb1	MmuINT0132363	chr14	73688555	73694717	-	0.02018
Rb1	MmuINT0132364	chr14	73687478	73688515	-	0.028475
Rb1	MmuINT0132365	chr14	73682786	73687409	-	0.026319
Rb1	MmuINT0132366	chr14	73680072	73682674	-	0.011899
Rb1	MmuINT0132367	chr14	73678299	73679928	-	0.033406
Rb1	MmuINT0132368	chr14	73673554	73678220	-	0.034231
Rb1cc1	MmuINT0132369	chr1	6205039	6218020	+	0.015443
Rb1cc1	MmuINT0132371	chr1	6235588	6235678	+	0.003657
Rb1cc1	MmuINT0132374	chr1	6238274	6238356	+	0.018309
Rb1cc1	MmuINT0132376	chr1	6251177	6252914	+	0.008467
Rb1cc1	MmuINT0132377	chr1	6253024	6253104	+	0.001438



Rb1cc1	MmuINT0132378	chr1	6253346	6254622	+	0.002504
Rb1cc1	MmuINT0132379	chr1	6254672	6255654	+	0.006745
Rb1cc1	MmuINT0132380	chr1	6218131	6220039	+	0.01239
Rb1cc1	MmuINT0132381	chr1	6255703	6258778	+	0.013404
Rb1cc1	MmuINT0132383	chr1	6260909	6262781	+	0.020263
Rb1cc1	MmuINT0132386	chr1	6224169	6224309	+	0.009967
Rb1cc1	MmuINT0132387	chr1	6224481	6228342	+	0.007414
Rb1cc1	MmuINT0132391	chr1	6235061	6235238	+	0.008659
Rbak	MmuINT0132394	chr5	1.44E+08	1.44E+08	-	0.052288
Rbbp4	MmuINT0132396	chr4	1.29E+08	1.29E+08	-	0.003151
Rbbp4	MmuINT0132397	chr4	1.29E+08	1.29E+08	-	0.000316
Rbbp4	MmuINT0132398	chr4	1.29E+08	1.29E+08	-	0.017016
Rbbp4	MmuINT0132399	chr4	1.29E+08	1.29E+08	-	0.001843
Rbbp4	MmuINT0132400	chr4	1.29E+08	1.29E+08	-	0.009461
Rbbp4	MmuINT0132401	chr4	1.29E+08	1.29E+08	-	0.000988
Rbbp4	MmuINT0132403	chr4	1.29E+08	1.29E+08	-	0.001628
Rbbp4	MmuINT0132404	chr4	1.29E+08	1.29E+08	-	0.003241
Rbbp5	MmuINT0132408	chr1	1.34E+08	1.34E+08	+	0.024282
Rbbp5	MmuINT0132410	chr1	1.34E+08	1.34E+08	+	0.001708
Rbbp5	MmuINT0132411	chr1	1.34E+08	1.34E+08	+	0.390642
Rbbp5	MmuINT0132412	chr1	1.34E+08	1.34E+08	+	0.014209
Rbbp5	MmuINT0132413	chr1	1.34E+08	1.34E+08	+	0.00731
Rbbp5	MmuINT0132414	chr1	1.34E+08	1.34E+08	+	0.040099
Rbbp5	MmuINT0132416	chr1	1.34E+08	1.34E+08	+	0.008871
Rbbp5	MmuINT0132417	chr1	1.34E+08	1.34E+08	+	0.000873
Rbbp5	MmuINT0132419	chr1	1.34E+08	1.34E+08	+	0.013897
Rbbp6	MmuINT0132420	chr7	1.3E+08	1.3E+08	+	0.057428
Rbbp6	MmuINT0132421	chr7	1.3E+08	1.3E+08	+	0.014336
Rbbp6	MmuINT0132422	chr7	1.3E+08	1.3E+08	+	0.040915
Rbbp6	MmuINT0132423	chr7	1.3E+08	1.3E+08	+	0.037307
Rbbp6	MmuINT0132424	chr7	1.3E+08	1.3E+08	+	0.10485
Rbbp6	MmuINT0132425	chr7	1.3E+08	1.3E+08	+	0.095147
Rbbp6	MmuINT0132426	chr7	1.3E+08	1.3E+08	+	0.028994
Rbbp6	MmuINT0132427	chr7	1.3E+08	1.3E+08	+	0.060251
Rbbp6	MmuINT0132428	chr7	1.3E+08	1.3E+08	+	0.028002
Rbbp6	MmuINT0132429	chr7	1.3E+08	1.3E+08	+	0.011764
Rbbp6	MmuINT0132430	chr7	1.3E+08	1.3E+08	+	0.075166
Rbbp6	MmuINT0132431	chr7	1.3E+08	1.3E+08	+	0.02828
Rbbp6	MmuINT0132432	chr7	1.3E+08	1.3E+08	+	0.026173
Rbbp6	MmuINT0132433	chr7	1.3E+08	1.3E+08	+	0.015772
Rbbp6	MmuINT0132434	chr7	1.3E+08	1.3E+08	+	0.004821
Rbbp6	MmuINT0132435	chr7	1.3E+08	1.3E+08	+	0.006602
Rbbp7	MmuINT0132436	chrX	1.59E+08	1.59E+08	+	0.002419
Rbbp7	MmuINT0132437	chrX	1.59E+08	1.59E+08	+	0.004482
Rbbp7	MmuINT0132439	chrX	1.59E+08	1.59E+08	+	0.000601
Rbbp7	MmuINT0132440	chrX	1.59E+08	1.59E+08	+	0.000444
Rbbp7	MmuINT0132446	chrX	1.59E+08	1.59E+08	+	0.000058
Rbbp8	MmuINT0132448	chr18	11879167	11880148	+	0.063882
Rbbp8	MmuINT0132449	chr18	11881035	11881112	+	0.046094
Rbbp8	MmuINT0132450	chr18	11881240	11883915	+	0.107103

Rbbp8	MmuINT0132451	chr18	11884005	11885681	+	0.034821
Rbbp8	MmuINT0132452	chr18	11885794	11890698	+	0.057967
Rbbp8	MmuINT0132453	chr18	11890840	11892984	+	0.039816
Rbbp8	MmuINT0132454	chr18	11893055	11897081	+	0.093077
Rbbp8	MmuINT0132455	chr18	11897179	11899434	+	0.074897
Rbbp8	MmuINT0132456	chr18	11899577	11901124	+	0.063175
Rbbp8	MmuINT0132457	chr18	11819451	11831090	+	0.045678
Rbbp8	MmuINT0132462	chr18	11864377	11874242	+	0.045129
Rbbp8	MmuINT0132464	chr18	11877440	11879053	+	0.112461
Rbbp9	MmuINT0132465	chr2	1.44E+08	1.44E+08	-	0.030955
Rbbp9	MmuINT0132467	chr2	1.44E+08	1.44E+08	-	0.05205
Rbck1	MmuINT0132469	chr2	1.52E+08	1.52E+08	-	0.006251
Rbck1	MmuINT0132470	chr2	1.52E+08	1.52E+08	-	0.012233
Rbck1	MmuINT0132471	chr2	1.52E+08	1.52E+08	-	0.015597
Rbck1	MmuINT0132472	chr2	1.52E+08	1.52E+08	-	0.030721
Rbck1	MmuINT0132473	chr2	1.52E+08	1.52E+08	-	0.023935
Rbck1	MmuINT0132474	chr2	1.52E+08	1.52E+08	-	0.003962
Rbck1	MmuINT0132475	chr2	1.52E+08	1.52E+08	-	0.198056
Rbck1	MmuINT0132476	chr2	1.52E+08	1.52E+08	-	0.014766
Rbck1	MmuINT0132477	chr2	1.52E+08	1.52E+08	-	0.074688
Rbck1	MmuINT0132478	chr2	1.52E+08	1.52E+08	-	0.006008
Rbfox1	MmuINT0132480	chr16	7294224	7306500	+	0.012027
Rbfox1	MmuINT0132482	chr16	7330536	7353024	+	0.009138
Rbfox1	MmuINT0132486	chr16	7408133	7409783	+	0.029334
Rbfox1	MmuINT0132491	chr16	7224644	7277117	+	0.005494
Rbfox2	MmuINT0132498	chr15	76963372	76983959	-	0.028058
Rbfox2	MmuINT0132499	chr15	76916586	76922241	-	0.022666
Rbfox2	MmuINT0132500	chr15	76916081	76916496	-	0.014224
Rbfox2	MmuINT0132501	chr15	76914637	76916007	-	0.019993
Rbfox2	MmuINT0132502	chr15	76947498	76963146	-	0.004312
Rbfox2	MmuINT0132503	chr15	76944089	76947350	-	0.006193
Rbfox2	MmuINT0132504	chr15	76936100	76944034	-	0.032851
Rbfox2	MmuINT0132505	chr15	76933370	76936006	-	0.041266
Rbfox2	MmuINT0132506	chr15	76929923	76933308	-	0.013721
Rbfox2	MmuINT0132507	chr15	76929763	76929868	-	0.010155
Rbfox2	MmuINT0132508	chr15	76922285	76928369	-	0.015684
Rbks	MmuINT0132514	chr5	31975819	31999882	-	0.04567
Rbks	MmuINT0132515	chr5	31969298	31975685	-	0.068996
Rbks	MmuINT0132516	chr5	31968155	31969233	-	0.049892
Rbks	MmuINT0132517	chr5	31962445	31968091	-	0.049692
Rbks	MmuINT0132518	chr5	31954274	31962279	-	0.072623
Rbks	MmuINT0132519	chr5	31950283	31954181	-	0.05929
Rbks	MmuINT0132520	chr5	31927030	31950093	-	0.08361
Rbl2	MmuINT0132542	chr8	93619558	93620662	+	0.012637
Rbl2	MmuINT0132543	chr8	93620767	93623938	+	0.025273
Rbl2	MmuINT0132545	chr8	93625412	93626096	+	0.011718
Rbl2	MmuINT0132546	chr8	93626209	93630178	+	0.015354
Rbl2	MmuINT0132547	chr8	93630446	93630601	+	0.009514
Rbl2	MmuINT0132548	chr8	93630883	93630956	+	0.014254
Rbl2	MmuINT0132549	chr8	93631134	93636416	+	0.033474

Rbl2	MmuINT0132550	chr8	93636489	93637883	+	0.031726
Rbl2	MmuINT0132551	chr8	93637984	93638939	+	0.009636
Rbl2	MmuINT0132553	chr8	93639149	93639560	+	0.006611
Rbl2	MmuINT0132554	chr8	93639726	93646174	+	0.012668
Rbl2	MmuINT0132555	chr8	93600015	93602778	+	0.012615
Rbl2	MmuINT0132558	chr8	93609493	93609573	+	0.010689
Rbl2	MmuINT0132559	chr8	93609639	93610881	+	0.009164
Rbl2	MmuINT0132560	chr8	93611069	93613953	+	0.009405
Rbl2	MmuINT0132561	chr8	93614121	93619447	+	0.010537
Rbm10	MmuINT0132567	chrX	20225113	20225207	+	0.008291
Rbm14	MmuINT0132593	chr19	4804016	4811171	-	0.068483
Rbm14	MmuINT0132594	chr19	4801806	4802550	-	0.184541
Rbm15	MmuINT0132595	chr3	1.07E+08	1.07E+08	-	0.588763
Rbm17	MmuINT0132615	chr2	11522384	11524711	-	0.01409
Rbm17	MmuINT0132617	chr2	11507356	11507460	-	0.006295
Rbm17	MmuINT0132618	chr2	11519796	11522245	-	0.002302
Rbm17	MmuINT0132620	chr2	11517056	11518255	-	0.001153
Rbm17	MmuINT0132622	chr2	11512458	11515034	-	0.007825
Rbm17	MmuINT0132624	chr2	11509422	11510554	-	0.043459
Rbm18	MmuINT0132626	chr2	35978459	35982644	-	0.054401
Rbm18	MmuINT0132627	chr2	35976419	35978371	-	0.015902
Rbm18	MmuINT0132628	chr2	35973495	35976332	-	0.019715
Rbm19	MmuINT0132629	chr5	1.21E+08	1.21E+08	+	0.020314
Rbm19	MmuINT0132630	chr5	1.21E+08	1.21E+08	+	0.026579
Rbm19	MmuINT0132631	chr5	1.21E+08	1.21E+08	+	0.03897
Rbm19	MmuINT0132632	chr5	1.21E+08	1.21E+08	+	0.027497
Rbm19	MmuINT0132633	chr5	1.21E+08	1.21E+08	+	0.054559
Rbm19	MmuINT0132634	chr5	1.21E+08	1.21E+08	+	0.066741
Rbm19	MmuINT0132635	chr5	1.21E+08	1.21E+08	+	0.028927
Rbm19	MmuINT0132636	chr5	1.21E+08	1.21E+08	+	0.058828
Rbm19	MmuINT0132637	chr5	1.21E+08	1.21E+08	+	0.060842
Rbm19	MmuINT0132638	chr5	1.21E+08	1.21E+08	+	0.045555
Rbm19	MmuINT0132639	chr5	1.21E+08	1.21E+08	+	0.048361
Rbm19	MmuINT0132640	chr5	1.21E+08	1.21E+08	+	0.075467
Rbm19	MmuINT0132641	chr5	1.21E+08	1.21E+08	+	0.02938
Rbm19	MmuINT0132642	chr5	1.21E+08	1.21E+08	+	0.031601
Rbm19	MmuINT0132643	chr5	1.21E+08	1.21E+08	+	0.042407
Rbm19	MmuINT0132644	chr5	1.21E+08	1.21E+08	+	0.051318
Rbm19	MmuINT0132645	chr5	1.21E+08	1.21E+08	+	0.031565
Rbm19	MmuINT0132646	chr5	1.21E+08	1.21E+08	+	0.039997
Rbm19	MmuINT0132647	chr5	1.21E+08	1.21E+08	+	0.024075
Rbm19	MmuINT0132648	chr5	1.21E+08	1.21E+08	+	0.032607
Rbm19	MmuINT0132649	chr5	1.21E+08	1.21E+08	+	0.034535
Rbm19	MmuINT0132650	chr5	1.21E+08	1.21E+08	+	0.04002
Rbm19	MmuINT0132651	chr5	1.21E+08	1.21E+08	+	0.042453
Rbm20	MmuINT0132652	chr19	53752083	53887737	+	0.009036
Rbm20	MmuINT0132653	chr19	53924679	53925666	+	0.001657
Rbm20	MmuINT0132654	chr19	53926307	53927993	+	0.03911
Rbm20	MmuINT0132655	chr19	53928126	53933881	+	0.103831
Rbm20	MmuINT0132656	chr19	53934004	53938569	+	0.013923

Rbm20	MmuINT0132657	chr19	53888831	53890005	+	0.003426
Rbm20	MmuINT0132658	chr19	53890068	53891635	+	0.004298
Rbm20	MmuINT0132659	chr19	53891728	53892412	+	0.006375
Rbm20	MmuINT0132660	chr19	53892511	53907135	+	0.007196
Rbm20	MmuINT0132661	chr19	53907280	53909137	+	0.003436
Rbm20	MmuINT0132662	chr19	53909270	53915468	+	0.002938
Rbm20	MmuINT0132663	chr19	53915549	53917712	+	0.068279
Rbm20	MmuINT0132664	chr19	53918335	53924591	+	0.003864
Rbm22	MmuINT0132665	chr18	60720534	60720904	+	0.03237
Rbm22	MmuINT0132666	chr18	60730786	60731476	+	0.065493
Rbm22	MmuINT0132667	chr18	60720959	60723419	+	0.043473
Rbm22	MmuINT0132668	chr18	60723450	60724016	+	0.018396
Rbm22	MmuINT0132669	chr18	60724150	60725271	+	0.031407
Rbm22	MmuINT0132670	chr18	60725373	60726006	+	0.018596
Rbm22	MmuINT0132671	chr18	60726180	60727024	+	0.006538
Rbm22	MmuINT0132672	chr18	60727226	60729010	+	0.087275
Rbm22	MmuINT0132673	chr18	60729176	60730434	+	0.15786
Rbm22	MmuINT0132674	chr18	60730524	60730653	+	0.014526
Rbm24	MmuINT0132675	chr13	46514568	46515643	+	0.019706
Rbm24	MmuINT0132676	chr13	46515768	46517219	+	0.008108
Rbm24	MmuINT0132677	chr13	46517275	46524322	+	0.173366
Rbm25	MmuINT0132678	chr12	84973368	84983578	+	0.022842
Rbm25	MmuINT0132679	chr12	85005210	85009041	+	0.003377
Rbm25	MmuINT0132680	chr12	85009259	85009368	+	0.003286
Rbm25	MmuINT0132681	chr12	85009459	85012857	+	0.008881
Rbm25	MmuINT0132682	chr12	85012932	85013683	+	0.004403
Rbm25	MmuINT0132683	chr12	85013835	85015288	+	0.004471
Rbm25	MmuINT0132684	chr12	85015614	85015993	+	0.112811
Rbm25	MmuINT0132685	chr12	85016269	85017031	+	0.012237
Rbm25	MmuINT0132686	chr12	85017131	85018804	+	0.005627
Rbm25	MmuINT0132687	chr12	85018853	85022452	+	0.007216
Rbm25	MmuINT0132688	chr12	84983700	84985348	+	0.007171
Rbm25	MmuINT0132689	chr12	84985399	84987086	+	0.00902
Rbm25	MmuINT0132690	chr12	84987255	84989147	+	0.007625
Rbm25	MmuINT0132691	chr12	84989206	84992236	+	0.00834
Rbm25	MmuINT0132692	chr12	84992395	85000372	+	0.008363
Rbm25	MmuINT0132693	chr12	85000559	85001257	+	0.010228
Rbm25	MmuINT0132694	chr12	85001312	85001544	+	0.010583
Rbm25	MmuINT0132695	chr12	85001629	85004928	+	0.252647
Rbm26	MmuINT0132696	chr14	1.06E+08	1.06E+08	-	0.026266
Rbm26	MmuINT0132697	chr14	1.06E+08	1.06E+08	-	0.019926
Rbm26	MmuINT0132698	chr14	1.06E+08	1.06E+08	-	0.019162
Rbm26	MmuINT0132699	chr14	1.06E+08	1.06E+08	-	0.028555
Rbm26	MmuINT0132701	chr14	1.06E+08	1.06E+08	-	0.012196
Rbm26	MmuINT0132702	chr14	1.06E+08	1.06E+08	-	0.013689
Rbm26	MmuINT0132703	chr14	1.06E+08	1.06E+08	-	0.011538
Rbm26	MmuINT0132704	chr14	1.06E+08	1.06E+08	-	0.020187
Rbm26	MmuINT0132705	chr14	1.06E+08	1.06E+08	-	0.023717
Rbm26	MmuINT0132706	chr14	1.06E+08	1.06E+08	-	0.014978
Rbm26	MmuINT0132707	chr14	1.06E+08	1.06E+08	-	0.032348

Rbm26	MmuINT0132708	chr14	1.06E+08	1.06E+08	-	0.036788
Rbm26	MmuINT0132710	chr14	1.06E+08	1.06E+08	-	0.013847
Rbm26	MmuINT0132711	chr14	1.06E+08	1.06E+08	-	0.017036
Rbm26	MmuINT0132712	chr14	1.06E+08	1.06E+08	-	0.01301
Rbm26	MmuINT0132713	chr14	1.06E+08	1.06E+08	-	0.019763
Rbm26	MmuINT0132714	chr14	1.06E+08	1.06E+08	-	0.051148
Rbm26	MmuINT0132715	chr14	1.06E+08	1.06E+08	-	0.024215
Rbm27	MmuINT0132716	chr18	42435247	42447761	+	0.040532
Rbm27	MmuINT0132717	chr18	42479601	42480417	+	0.020706
Rbm27	MmuINT0132718	chr18	42480572	42481565	+	0.019905
Rbm27	MmuINT0132719	chr18	42481863	42483708	+	0.016726
Rbm27	MmuINT0132720	chr18	42483853	42485558	+	0.040156
Rbm27	MmuINT0132721	chr18	42485679	42486817	+	0.034603
Rbm27	MmuINT0132722	chr18	42486893	42487007	+	0.023911
Rbm27	MmuINT0132723	chr18	42487173	42492433	+	0.019193
Rbm27	MmuINT0132724	chr18	42492539	42492862	+	0.025247
Rbm27	MmuINT0132725	chr18	42493052	42496616	+	0.01471
Rbm27	MmuINT0132726	chr18	42496728	42498045	+	0.021473
Rbm27	MmuINT0132727	chr18	42447881	42451636	+	0.034004
Rbm27	MmuINT0132728	chr18	42451762	42458086	+	0.048587
Rbm27	MmuINT0132729	chr18	42458179	42458796	+	0.017775
Rbm27	MmuINT0132730	chr18	42458991	42459903	+	0.022733
Rbm27	MmuINT0132731	chr18	42460165	42461376	+	0.026617
Rbm27	MmuINT0132732	chr18	42461671	42465333	+	0.032257
Rbm27	MmuINT0132734	chr18	42477405	42479455	+	0.019272
Rbm28	MmuINT0132735	chr6	29110196	29114490	-	0.008838
Rbm28	MmuINT0132736	chr6	29089627	29093553	-	0.058613
Rbm28	MmuINT0132737	chr6	29088639	29089552	-	0.03986
Rbm28	MmuINT0132738	chr6	29087644	29088502	-	0.010821
Rbm28	MmuINT0132739	chr6	29085567	29087578	-	0.012458
Rbm28	MmuINT0132740	chr6	29081777	29085407	-	0.009935
Rbm28	MmuINT0132741	chr6	29081342	29081626	-	0.014654
Rbm28	MmuINT0132742	chr6	29078686	29081266	-	0.007659
Rbm28	MmuINT0132743	chr6	29077901	29078428	-	0.018593
Rbm28	MmuINT0132744	chr6	29075525	29077797	-	0.017452
Rbm28	MmuINT0132745	chr6	29109751	29110036	-	0.008759
Rbm28	MmuINT0132746	chr6	29108923	29109655	-	0.012381
Rbm28	MmuINT0132747	chr6	29108263	29108846	-	0.011389
Rbm28	MmuINT0132748	chr6	29107140	29108169	-	0.011458
Rbm28	MmuINT0132749	chr6	29105190	29107067	-	0.223347
Rbm28	MmuINT0132750	chr6	29104894	29105026	-	0.109659
Rbm28	MmuINT0132751	chr6	29102355	29104753	-	0.203296
Rbm28	MmuINT0132752	chr6	29093664	29102281	-	0.013152
Rbm3	MmuINT0132753	chrX	7720082	7720372	-	0.197853
Rbm3	MmuINT0132758	chrX	7718335	7720376	-	0.950829
Rbm33	MmuINT0132759	chr5	28643951	28657650	+	0.042351
Rbm33	MmuINT0132760	chr5	28694854	28713026	+	0.023474
Rbm33	MmuINT0132761	chr5	28713160	28714186	+	0.01636
Rbm33	MmuINT0132762	chr5	28714531	28716042	+	0.018816
Rbm33	MmuINT0132763	chr5	28716358	28717423	+	0.014367

Rbm33	MmuINT0132764	chr5	28717712	28720541	+	0.014789
Rbm33	MmuINT0132765	chr5	28721211	28734791	+	0.023963
Rbm33	MmuINT0132766	chr5	28735002	28737110	+	0.020734
Rbm33	MmuINT0132767	chr5	28737300	28739826	+	0.018069
Rbm33	MmuINT0132768	chr5	28739916	28740107	+	0.019339
Rbm33	MmuINT0132769	chr5	28657730	28662361	+	0.015069
Rbm33	MmuINT0132770	chr5	28662411	28663513	+	0.014591
Rbm33	MmuINT0132771	chr5	28663591	28665535	+	0.008825
Rbm33	MmuINT0132772	chr5	28665849	28668934	+	0.013779
Rbm33	MmuINT0132773	chr5	28669055	28679011	+	0.01094
Rbm33	MmuINT0132774	chr5	28679184	28684813	+	0.287186
Rbm33	MmuINT0132776	chr5	28688775	28694794	+	0.021443
Rbm34	MmuINT0132777	chr8	1.29E+08	1.29E+08	-	0.047248
Rbm34	MmuINT0132778	chr8	1.29E+08	1.29E+08	-	0.070176
Rbm34	MmuINT0132780	chr8	1.29E+08	1.29E+08	-	0.04158
Rbm34	MmuINT0132783	chr8	1.29E+08	1.29E+08	-	0.066059
Rbm34	MmuINT0132784	chr8	1.29E+08	1.29E+08	-	0.06748
Rbm34	MmuINT0132785	chr8	1.29E+08	1.29E+08	-	0.200782
Rbm34	MmuINT0132786	chr8	1.29E+08	1.29E+08	-	0.106206
Rbm38	MmuINT0132787	chr2	1.73E+08	1.73E+08	+	0.06666
Rbm38	MmuINT0132788	chr2	1.73E+08	1.73E+08	+	0.036556
Rbm38	MmuINT0132789	chr2	1.73E+08	1.73E+08	+	0.054776
Rbm39	MmuINT0132790	chr2	1.56E+08	1.56E+08	-	0.004141
Rbm39	MmuINT0132791	chr2	1.56E+08	1.56E+08	-	0.001461
Rbm39	MmuINT0132792	chr2	1.56E+08	1.56E+08	-	0.002581
Rbm39	MmuINT0132793	chr2	1.56E+08	1.56E+08	-	0.02225
Rbm39	MmuINT0132794	chr2	1.56E+08	1.56E+08	-	0.039544
Rbm39	MmuINT0132795	chr2	1.56E+08	1.56E+08	-	0.0066
Rbm39	MmuINT0132796	chr2	1.56E+08	1.56E+08	-	0.010797
Rbm39	MmuINT0132797	chr2	1.56E+08	1.56E+08	-	0.002321
Rbm39	MmuINT0132798	chr2	1.56E+08	1.56E+08	-	0.16321
Rbm39	MmuINT0132800	chr2	1.56E+08	1.56E+08	-	0.007183
Rbm39	MmuINT0132801	chr2	1.56E+08	1.56E+08	-	0.003453
Rbm39	MmuINT0132802	chr2	1.56E+08	1.56E+08	-	0.002895
Rbm39	MmuINT0132803	chr2	1.56E+08	1.56E+08	-	0.001622
Rbm39	MmuINT0132804	chr2	1.56E+08	1.56E+08	-	0.002127
Rbm39	MmuINT0132805	chr2	1.56E+08	1.56E+08	-	0.001908
Rbm41	MmuINT0132813	chrX	1.37E+08	1.37E+08	-	0.055162
Rbm41	MmuINT0132814	chrX	1.37E+08	1.37E+08	-	0.056756
Rbm41	MmuINT0132816	chrX	1.36E+08	1.37E+08	-	0.057754
Rbm42	MmuINT0132818	chr7	31434739	31434956	-	0.006457
Rbm42	MmuINT0132819	chr7	31432835	31434602	-	0.005008
Rbm42	MmuINT0132820	chr7	31432654	31432749	-	0.006434
Rbm42	MmuINT0132821	chr7	31431004	31432578	-	0.053211
Rbm42	MmuINT0132822	chr7	31430862	31430937	-	0.027365
Rbm42	MmuINT0132823	chr7	31430178	31430685	-	0.004085
Rbm42	MmuINT0132824	chr7	31429636	31429844	-	0.00505
Rbm42	MmuINT0132825	chr7	31426522	31429517	-	0.005941
Rbm42	MmuINT0132826	chr7	31426240	31426326	-	0.003829
Rbm43	MmuINT0132830	chr2	51781455	51782200	-	0.065211

Rbm45	MmuINT0132847	chr2	76208486	76210091	+	0.007462
Rbm45	MmuINT0132848	chr2	76210215	76211616	+	0.010947
Rbm45	MmuINT0132849	chr2	76211744	76213412	+	0.011393
Rbm45	MmuINT0132850	chr2	76213536	76214375	+	0.006571
Rbm45	MmuINT0132851	chr2	76214562	76216437	+	0.013135
Rbm45	MmuINT0132852	chr2	76216568	76216734	+	0.014456
Rbm45	MmuINT0132853	chr2	76216820	76216974	+	0.008766
Rbm45	MmuINT0132854	chr2	76217139	76218421	+	0.013958
Rbm45	MmuINT0132855	chr2	76218623	76221511	+	0.157234
Rbm4b	MmuINT0132869	chr19	4756662	4757245	+	0.03016
Rbm4b	MmuINT0132870	chr19	4757670	4761976	+	0.188106
Rbm4b	MmuINT0132871	chr19	4762648	4765343	+	0.281401
Rbm5	MmuINT0132872	chr9	1.08E+08	1.08E+08	-	0.033879
Rbm5	MmuINT0132873	chr9	1.08E+08	1.08E+08	-	0.005264
Rbm5	MmuINT0132874	chr9	1.08E+08	1.08E+08	-	0.008662
Rbm5	MmuINT0132875	chr9	1.08E+08	1.08E+08	-	0.007311
Rbm5	MmuINT0132876	chr9	1.08E+08	1.08E+08	-	0.010949
Rbm5	MmuINT0132877	chr9	1.08E+08	1.08E+08	-	0.030552
Rbm5	MmuINT0132878	chr9	1.08E+08	1.08E+08	-	0.061788
Rbm5	MmuINT0132879	chr9	1.08E+08	1.08E+08	-	0.096427
Rbm5	MmuINT0132880	chr9	1.08E+08	1.08E+08	-	0.012001
Rbm5	MmuINT0132881	chr9	1.08E+08	1.08E+08	-	0.032458
Rbm5	MmuINT0132882	chr9	1.08E+08	1.08E+08	-	0.008306
Rbm5	MmuINT0132883	chr9	1.08E+08	1.08E+08	-	0.006451
Rbm5	MmuINT0132884	chr9	1.08E+08	1.08E+08	-	0.006154
Rbm5	MmuINT0132885	chr9	1.08E+08	1.08E+08	-	0.004335
Rbm5	MmuINT0132886	chr9	1.08E+08	1.08E+08	-	0.033791
Rbm5	MmuINT0132887	chr9	1.08E+08	1.08E+08	-	0.039446
Rbm5	MmuINT0132888	chr9	1.08E+08	1.08E+08	-	0.020705
Rbm5	MmuINT0132889	chr9	1.08E+08	1.08E+08	-	0.00573
Rbm5	MmuINT0132890	chr9	1.08E+08	1.08E+08	-	0.058461
Rbm5	MmuINT0132891	chr9	1.08E+08	1.08E+08	-	0.382899
Rbm5	MmuINT0132892	chr9	1.08E+08	1.08E+08	-	0.487241
Rbm5	MmuINT0132893	chr9	1.08E+08	1.08E+08	-	0.028894
Rbm5	MmuINT0132894	chr9	1.08E+08	1.08E+08	-	0.025148
Rbm5	MmuINT0132895	chr9	1.08E+08	1.08E+08	-	0.006012
Rbm6	MmuINT0132896	chr9	1.08E+08	1.08E+08	-	0.007393
Rbm6	MmuINT0132898	chr9	1.08E+08	1.08E+08	-	0.002712
Rbm6	MmuINT0132900	chr9	1.08E+08	1.08E+08	-	0.010797
Rbm6	MmuINT0132902	chr9	1.08E+08	1.08E+08	-	0.009939
Rbm6	MmuINT0132904	chr9	1.08E+08	1.08E+08	-	0.070979
Rbm6	MmuINT0132905	chr9	1.08E+08	1.08E+08	-	0.010623
Rbm6	MmuINT0132907	chr9	1.08E+08	1.08E+08	-	0.003091
Rbm6	MmuINT0132909	chr9	1.08E+08	1.08E+08	-	0.002299
Rbm6	MmuINT0132912	chr9	1.08E+08	1.08E+08	-	0.002638
Rbm6	MmuINT0132913	chr9	1.08E+08	1.08E+08	-	0.001986
Rbm6	MmuINT0132914	chr9	1.08E+08	1.08E+08	-	0.005137
Rbm7	MmuINT0132916	chr9	48302287	48303259	-	0.057467
Rbm7	MmuINT0132917	chr9	48301600	48302123	-	0.013798
Rbm7	MmuINT0132918	chr9	48299044	48301511	-	0.030959

Rbm7	MmuINT0132919	chr9	48298094	48298952	-	0.051189
Rbm8a	MmuINT0132921	chr3	96434285	96434399	+	0.012752
Rbms1	MmuINT0132927	chr2	60680530	60800747	-	0.008221
Rbms1	MmuINT0132928	chr2	60594604	60596860	-	0.041504
Rbms1	MmuINT0132929	chr2	60593554	60594492	-	0.024816
Rbms1	MmuINT0132930	chr2	60591872	60593472	-	0.110187
Rbms1	MmuINT0132931	chr2	60591040	60591786	-	0.203934
Rbms1	MmuINT0132932	chr2	60635800	60680353	-	0.005675
Rbms1	MmuINT0132933	chr2	60630838	60635740	-	0.008131
Rbms1	MmuINT0132934	chr2	60620076	60630745	-	0.008232
Rbms1	MmuINT0132935	chr2	60617868	60619917	-	0.009226
Rbms1	MmuINT0132936	chr2	60601400	60617787	-	0.007657
Rbms1	MmuINT0132937	chr2	60600377	60601292	-	0.016139
Rbms1	MmuINT0132938	chr2	60600204	60600326	-	0.04314
Rbms1	MmuINT0132939	chr2	60596912	60600109	-	0.165659
Rbms2	MmuINT0132941	chr10	1.28E+08	1.28E+08	-	0.003136
Rbms2	MmuINT0132942	chr10	1.28E+08	1.28E+08	-	0.005428
Rbms2	MmuINT0132944	chr10	1.28E+08	1.28E+08	-	0.005648
Rbms2	MmuINT0132946	chr10	1.28E+08	1.28E+08	-	0.001828
Rbms2	MmuINT0132947	chr10	1.28E+08	1.28E+08	-	0.000728
Rbms2	MmuINT0132949	chr10	1.28E+08	1.28E+08	-	0.003297
Rbms2	MmuINT0132951	chr10	1.28E+08	1.28E+08	-	0.004772
Rbms2	MmuINT0132952	chr10	1.28E+08	1.28E+08	-	0.004355
RbmX	MmuINT0132973	chrX	54644556	54644743	-	0.002814
RbmX	MmuINT0132974	chrX	54643413	54644448	-	0.003026
RbmX	MmuINT0132975	chrX	54642749	54643240	-	0.010163
RbmX	MmuINT0132976	chrX	54642037	54642595	-	0.006382
RbmX	MmuINT0132977	chrX	54641825	54641921	-	0.000544
RbmX	MmuINT0132978	chrX	54641321	54641698	-	0.005168
RbmX	MmuINT0132979	chrX	54640571	54641237	-	0.189369
RbmX	MmuINT0132981	chrX	54637739	54638309	-	0.020901
RbmX2	MmuINT0132982	chrX	46048298	46048496	+	0.032158
RbmX2	MmuINT0132983	chrX	46048613	46050577	+	0.029688
RbmX2	MmuINT0132986	chrX	46062251	46062752	+	0.057681
Rbp1	MmuINT0132997	chr9	98325471	98325871	+	0.026118
Rbp1	MmuINT0132998	chr9	98326051	98345008	+	0.010967
Rbp1	MmuINT0132999	chr9	98345111	98346714	+	0.017952
Rbp4	MmuINT0133009	chr19	38192975	38198518	-	0.030676
Rbp4	MmuINT0133010	chr19	38191400	38192761	-	0.037516
Rbp7	MmuINT0133012	chr4	1.49E+08	1.49E+08	-	0.025426
Rbp7	MmuINT0133013	chr4	1.49E+08	1.49E+08	-	0.006346
Rbp7	MmuINT0133014	chr4	1.49E+08	1.49E+08	-	0.038919
Rbpms	MmuINT0133039	chr8	34976877	35039947	-	0.001399
Rbpms	MmuINT0133040	chr8	34974844	34976798	-	0.001468
Rbpms	MmuINT0133041	chr8	34973521	34974804	-	0.001839
Rbpms	MmuINT0133042	chr8	34944927	34973457	-	0.001324
Rbpms	MmuINT0133043	chr8	34917323	34944775	-	0.003205
Rbpms	MmuINT0133044	chr8	34905623	34917188	-	0.019937
Rbpms	MmuINT0133045	chr8	34899968	34905553	-	0.030984
Rbpms	MmuINT0133046	chr8	34894659	34899863	-	0.04479



Rbpms2	MmuINT0133047	chr9	65478705	65497155	+	0.009157
Rbpms2	MmuINT0133048	chr9	65497234	65497773	+	0.004991
Rbpms2	MmuINT0133049	chr9	65497813	65498368	+	0.012633
Rc3h1	MmuINT0133058	chr1	1.63E+08	1.63E+08	+	0.094735
Rc3h1	MmuINT0133059	chr1	1.63E+08	1.63E+08	+	0.023968
Rc3h1	MmuINT0133060	chr1	1.63E+08	1.63E+08	+	0.032229
Rc3h1	MmuINT0133061	chr1	1.63E+08	1.63E+08	+	0.018756
Rc3h1	MmuINT0133062	chr1	1.63E+08	1.63E+08	+	0.015395
Rc3h1	MmuINT0133063	chr1	1.63E+08	1.63E+08	+	0.015444
Rc3h1	MmuINT0133064	chr1	1.63E+08	1.63E+08	+	0.028221
Rc3h1	MmuINT0133065	chr1	1.63E+08	1.63E+08	+	0.021372
Rc3h1	MmuINT0133066	chr1	1.63E+08	1.63E+08	+	0.032294
Rc3h1	MmuINT0133067	chr1	1.63E+08	1.63E+08	+	0.017859
Rc3h1	MmuINT0133068	chr1	1.63E+08	1.63E+08	+	0.013715
Rc3h1	MmuINT0133069	chr1	1.63E+08	1.63E+08	+	0.041428
Rc3h1	MmuINT0133070	chr1	1.63E+08	1.63E+08	+	0.03431
Rc3h1	MmuINT0133071	chr1	1.63E+08	1.63E+08	+	0.026382
Rc3h1	MmuINT0133072	chr1	1.63E+08	1.63E+08	+	0.02387
Rc3h1	MmuINT0133074	chr1	1.63E+08	1.63E+08	+	0.021306
Rc3h1	MmuINT0133075	chr1	1.63E+08	1.63E+08	+	0.027848
Rc3h1	MmuINT0133076	chr1	1.63E+08	1.63E+08	+	0.02835
Rc3h2	MmuINT0133078	chr2	37245411	37253763	-	0.028733
Rc3h2	MmuINT0133079	chr2	37240981	37245104	-	0.024337
Rc3h2	MmuINT0133080	chr2	37238737	37240765	-	0.030095
Rc3h2	MmuINT0133081	chr2	37237558	37238302	-	0.025016
Rc3h2	MmuINT0133082	chr2	37234525	37237389	-	0.03544
Rc3h2	MmuINT0133083	chr2	37234042	37234377	-	0.032093
Rc3h2	MmuINT0133084	chr2	37233456	37233827	-	0.026584
Rc3h2	MmuINT0133085	chr2	37232957	37233370	-	0.10532
Rc3h2	MmuINT0133086	chr2	37232789	37232874	-	0.059107
Rc3h2	MmuINT0133089	chr2	37232311	37232408	-	0.038194
Rc3h2	MmuINT0133090	chr2	37230949	37232161	-	0.054907
Rc3h2	MmuINT0133091	chr2	37266778	37270035	-	0.034257
Rc3h2	MmuINT0133092	chr2	37265188	37266659	-	0.046322
Rc3h2	MmuINT0133093	chr2	37260940	37264953	-	0.034015
Rc3h2	MmuINT0133094	chr2	37256250	37260763	-	0.031738
Rc3h2	MmuINT0133095	chr2	37255474	37256048	-	0.044516
Rc3h2	MmuINT0133096	chr2	37255226	37255340	-	0.054515
Rc3h2	MmuINT0133097	chr2	37253877	37255106	-	0.044241
Rcan1	MmuINT0133099	chr16	92397682	92400140	-	0.011548
Rcan1	MmuINT0133100	chr16	92396271	92397507	-	0.008899
Rcan1	MmuINT0133101	chr16	92393874	92396110	-	0.00484
Rcan2	MmuINT0133103	chr17	44154890	44157901	+	0.00035
Rcan2	MmuINT0133104	chr17	44158074	44173921	+	0.000453
Rcan2	MmuINT0133105	chr17	43939046	43973219	+	0.000668
Rcan3	MmuINT0133107	chr4	1.35E+08	1.35E+08	-	0.035031
Rcan3	MmuINT0133108	chr4	1.35E+08	1.35E+08	-	0.024309
Rcan3	MmuINT0133109	chr4	1.35E+08	1.35E+08	-	0.027884
Rcbtb1	MmuINT0133112	chr14	59848876	59849246	+	0.026259
Rcbtb1	MmuINT0133113	chr14	59849378	59854055	+	0.179027

Rcbtb1	MmuINT0133114	chr14	59828932	59829271	+	0.036399
Rcbtb1	MmuINT0133115	chr14	59829423	59836432	+	0.041568
Rcbtb1	MmuINT0133116	chr14	59836600	59840253	+	0.027394
Rcbtb1	MmuINT0133117	chr14	59840413	59842029	+	0.059425
Rcbtb1	MmuINT0133118	chr14	59842138	59843469	+	0.09794
Rcbtb1	MmuINT0133119	chr14	59843613	59845144	+	0.042487
Rcbtb1	MmuINT0133120	chr14	59845336	59847091	+	0.046477
Rcbtb1	MmuINT0133121	chr14	59847219	59848723	+	0.041312
Rcbtb2	MmuINT0133125	chr14	73566680	73567796	+	0.025644
Rcbtb2	MmuINT0133126	chr14	73567940	73573529	+	0.022161
Rcbtb2	MmuINT0133127	chr14	73573721	73574196	+	0.011103
Rcbtb2	MmuINT0133128	chr14	73574324	73576801	+	0.009623
Rcbtb2	MmuINT0133129	chr14	73576942	73578239	+	0.012944
Rcbtb2	MmuINT0133130	chr14	73578371	73582265	+	0.011924
Rcbtb2	MmuINT0133131	chr14	73551423	73554121	+	0.013027
Rcbtb2	MmuINT0133134	chr14	73561903	73562133	+	0.013886
Rcbtb2	MmuINT0133135	chr14	73562285	73564490	+	0.01479
Rcbtb2	MmuINT0133136	chr14	73564658	73566286	+	0.012227
Rcbtb2	MmuINT0133137	chr14	73566446	73566571	+	0.015557
Rcc1	MmuINT0133138	chr4	1.32E+08	1.32E+08	-	0.059529
Rcc1	MmuINT0133139	chr4	1.32E+08	1.32E+08	-	0.037735
Rcc1	MmuINT0133142	chr4	1.32E+08	1.32E+08	-	0.068579
Rcc1	MmuINT0133143	chr4	1.32E+08	1.32E+08	-	0.11824
Rcc1	MmuINT0133144	chr4	1.32E+08	1.32E+08	-	0.09436
Rcc1	MmuINT0133145	chr4	1.32E+08	1.32E+08	-	0.091837
Rcc1	MmuINT0133146	chr4	1.32E+08	1.32E+08	-	0.035305
Rcc1	MmuINT0133147	chr4	1.32E+08	1.32E+08	-	0.039507
Rcc2	MmuINT0133149	chr4	1.4E+08	1.4E+08	+	0.041952
Rcc2	MmuINT0133150	chr4	1.4E+08	1.4E+08	+	0.042311
Rcc2	MmuINT0133151	chr4	1.4E+08	1.4E+08	+	0.053631
Rcc2	MmuINT0133152	chr4	1.4E+08	1.4E+08	+	0.017632
Rcc2	MmuINT0133153	chr4	1.4E+08	1.4E+08	+	0.263589
Rcc2	MmuINT0133154	chr4	1.4E+08	1.4E+08	+	0.152258
Rcc2	MmuINT0133155	chr4	1.4E+08	1.4E+08	+	0.029684
Rcc2	MmuINT0133156	chr4	1.4E+08	1.4E+08	+	0.016185
Rcc2	MmuINT0133157	chr4	1.4E+08	1.4E+08	+	0.021056
Rcc2	MmuINT0133158	chr4	1.4E+08	1.4E+08	+	0.068009
Rcc2	MmuINT0133159	chr4	1.4E+08	1.4E+08	+	0.007662
Rcc2	MmuINT0133160	chr4	1.4E+08	1.4E+08	+	0.032643
Rccd1	MmuINT0133161	chr7	87466230	87468635	-	0.037512
Rccd1	MmuINT0133162	chr7	87466068	87466162	-	0.175123
Rccd1	MmuINT0133163	chr7	87465585	87465747	-	0.54439
Rccd1	MmuINT0133164	chr7	87465100	87465187	-	0.325304
Rccd1	MmuINT0133165	chr7	87464228	87464977	-	0.343899
Rccd1	MmuINT0133166	chr7	87463913	87464131	-	0.376654
Rccd1	MmuINT0133167	chr7	87462369	87463744	-	0.175939
Rccd1	MmuINT0133168	chr7	87461937	87462338	-	0.167904
Rce1	MmuINT0133169	chr19	4625296	4625432	-	0.132546
Rce1	MmuINT0133170	chr19	4625097	4625192	-	0.067246
Rce1	MmuINT0133171	chr19	4624764	4625012	-	0.068562

Rce1	MmuINT0133172	chr19	4624182	4624684	-	0.234602
Rce1	MmuINT0133173	chr19	4623898	4624013	-	0.045507
Rce1	MmuINT0133174	chr19	4623564	4623825	-	0.149832
Rce1	MmuINT0133175	chr19	4623243	4623500	-	0.070333
Rchy1	MmuINT0133176	chr5	92387024	92391655	-	0.042149
Rchy1	MmuINT0133177	chr5	92386677	92386903	-	0.013688
Rchy1	MmuINT0133178	chr5	92384640	92386560	-	0.0109
Rchy1	MmuINT0133179	chr5	92382285	92384560	-	0.01643
Rchy1	MmuINT0133180	chr5	92382138	92382239	-	0.008951
Rchy1	MmuINT0133181	chr5	92381994	92382078	-	0.010885
Rchy1	MmuINT0133182	chr5	92380968	92381966	-	0.009277
Rchy1	MmuINT0133183	chr5	92378891	92380846	-	0.004014
Rcl1	MmuINT0133184	chr19	29176131	29190212	+	0.079409
Rcl1	MmuINT0133185	chr19	29190285	29192714	+	0.041366
Rcl1	MmuINT0133186	chr19	29192891	29195759	+	0.044525
Rcl1	MmuINT0133187	chr19	29195835	29196255	+	0.097856
Rcl1	MmuINT0133188	chr19	29196381	29202488	+	0.052165
Rcl1	MmuINT0133189	chr19	29202615	29205139	+	0.034536
Rcl1	MmuINT0133190	chr19	29205297	29208889	+	0.089672
Rcl1	MmuINT0133191	chr19	29208994	29217631	+	0.028513
Rcn1	MmuINT0133192	chr2	1.05E+08	1.05E+08	-	0.013261
Rcn1	MmuINT0133193	chr2	1.05E+08	1.05E+08	-	0.011268
Rcn1	MmuINT0133194	chr2	1.05E+08	1.05E+08	-	0.010236
Rcn1	MmuINT0133195	chr2	1.05E+08	1.05E+08	-	0.028831
Rcn1	MmuINT0133196	chr2	1.05E+08	1.05E+08	-	0.004151
Rcn2	MmuINT0133197	chr9	55890012	55890381	+	0.006661
Rcn2	MmuINT0133198	chr9	55890488	55892938	+	0.00612
Rcn2	MmuINT0133199	chr9	55893136	55900713	+	0.011229
Rcn2	MmuINT0133200	chr9	55900828	55903965	+	0.006438
Rcn2	MmuINT0133201	chr9	55904063	55905233	+	0.003859
Rcn2	MmuINT0133202	chr9	55905377	55905865	+	0.003666
Rcn3	MmuINT0133204	chr7	52344071	52346810	-	0.014639
Rcn3	MmuINT0133205	chr7	52342208	52343867	-	0.020443
Rcn3	MmuINT0133206	chr7	52340335	52342034	-	0.026743
Rcn3	MmuINT0133207	chr7	52339136	52340273	-	0.066633
Rcn3	MmuINT0133208	chr7	52338734	52338935	-	0.048126
Rcor1	MmuINT0133209	chr12	1.12E+08	1.12E+08	+	0.058248
Rcor1	MmuINT0133210	chr12	1.12E+08	1.12E+08	+	0.03276
Rcor1	MmuINT0133211	chr12	1.12E+08	1.12E+08	+	0.058614
Rcor1	MmuINT0133212	chr12	1.12E+08	1.12E+08	+	0.068722
Rcor1	MmuINT0133213	chr12	1.12E+08	1.12E+08	+	0.032756
Rcor1	MmuINT0133214	chr12	1.12E+08	1.12E+08	+	0.031189
Rcor1	MmuINT0133215	chr12	1.12E+08	1.12E+08	+	0.022617
Rcor1	MmuINT0133216	chr12	1.12E+08	1.12E+08	+	0.02418
Rcor1	MmuINT0133217	chr12	1.12E+08	1.12E+08	+	0.017018
Rcor1	MmuINT0133218	chr12	1.12E+08	1.12E+08	+	0.024197
Rcor1	MmuINT0133219	chr12	1.12E+08	1.12E+08	+	0.024298
Rcor2	MmuINT0133220	chr19	7344312	7344590	+	0.05067
Rcor2	MmuINT0133224	chr19	7345350	7345459	+	0.044666
Rcor2	MmuINT0133227	chr19	7346045	7347589	+	0.034357

Rcor2	MmuINT0133228	chr19	7347668	7348322	+	0.037611
Rcor2	MmuINT0133229	chr19	7348381	7348509	+	0.028592
Rcor3	MmuINT0133231	chr1	1.94E+08	1.94E+08	-	0.046526
Rcor3	MmuINT0133232	chr1	1.94E+08	1.94E+08	-	0.018875
Rcor3	MmuINT0133233	chr1	1.94E+08	1.94E+08	-	0.011233
Rcor3	MmuINT0133234	chr1	1.94E+08	1.94E+08	-	0.007632
Rcor3	MmuINT0133235	chr1	1.94E+08	1.94E+08	-	0.010421
Rcor3	MmuINT0133236	chr1	1.94E+08	1.94E+08	-	0.072433
Rcor3	MmuINT0133237	chr1	1.94E+08	1.94E+08	-	0.018267
Rcor3	MmuINT0133238	chr1	1.94E+08	1.94E+08	-	0.133599
Rcsd1	MmuINT0133239	chr1	1.68E+08	1.68E+08	-	0.00417
Rcsd1	MmuINT0133240	chr1	1.68E+08	1.68E+08	-	0.287453
Rcsd1	MmuINT0133241	chr1	1.68E+08	1.68E+08	-	0.003371
Rcsd1	MmuINT0133242	chr1	1.68E+08	1.68E+08	-	0.002327
Rcsd1	MmuINT0133243	chr1	1.68E+08	1.68E+08	-	0.004149
Rdbp	MmuINT0133251	chr17	34991744	34993032	+	0.033614
Rdbp	MmuINT0133252	chr17	34987939	34989288	+	0.018542
Rdbp	MmuINT0133253	chr17	34989359	34989460	+	0.012468
Rdbp	MmuINT0133254	chr17	34989607	34990369	+	0.016626
Rdbp	MmuINT0133255	chr17	34990445	34990557	+	0.030577
Rdbp	MmuINT0133256	chr17	34990596	34990752	+	0.044182
Rdbp	MmuINT0133257	chr17	34991079	34991165	+	0.007621
Rdbp	MmuINT0133258	chr17	34991311	34991389	+	0.013725
Rdbp	MmuINT0133259	chr17	34991445	34991640	+	0.061358
Rdh10	MmuINT0133263	chr1	16096388	16097875	+	0.075897
Rdh10	MmuINT0133264	chr1	16098112	16118245	+	0.040221
Rdh10	MmuINT0133265	chr1	16118345	16119276	+	0.048309
Rdh10	MmuINT0133266	chr1	16119423	16121155	+	0.084139
Rdh10	MmuINT0133267	chr1	16121288	16121374	+	0.032582
Rdh11	MmuINT0133268	chr12	80290095	80292712	-	0.045707
Rdh11	MmuINT0133269	chr12	80289624	80289975	-	0.05646
Rdh11	MmuINT0133270	chr12	80287506	80289467	-	0.051296
Rdh11	MmuINT0133271	chr12	80286321	80287400	-	0.03915
Rdh11	MmuINT0133272	chr12	80283830	80286110	-	0.067562
Rdh11	MmuINT0133273	chr12	80277238	80283639	-	0.054054
Rdh13	MmuINT0133280	chr7	4395924	4397048	-	0.163057
Rdh13	MmuINT0133281	chr7	4394352	4395804	-	0.028121
Rdh13	MmuINT0133282	chr7	4386701	4394195	-	0.033057
Rdh13	MmuINT0133283	chr7	4383237	4386595	-	0.027289
Rdh13	MmuINT0133284	chr7	4382098	4383023	-	0.006988
Rdh13	MmuINT0133285	chr7	4379405	4381995	-	0.015303
Rdh14	MmuINT0133286	chr12	10398033	10401343	+	0.024137
Rdh5	MmuINT0133293	chr10	1.28E+08	1.28E+08	-	0.937733
Rdh5	MmuINT0133294	chr10	1.28E+08	1.28E+08	-	0.058615
Rdh5	MmuINT0133295	chr10	1.28E+08	1.28E+08	-	0.669351
Rdh5	MmuINT0133296	chr10	1.28E+08	1.28E+08	-	0.126433
Rdm1	MmuINT0133308	chr11	1.01E+08	1.01E+08	+	0.012247
Rdm1	MmuINT0133309	chr11	1.01E+08	1.01E+08	+	0.003189
Rdm1	MmuINT0133310	chr11	1.01E+08	1.01E+08	+	0.010974
Rdm1	MmuINT0133311	chr11	1.01E+08	1.01E+08	+	0.027149

Rdm1	MmuINT0133312	chr11	1.01E+08	1.01E+08	+	0.009301
Rdm1	MmuINT0133313	chr11	1.01E+08	1.01E+08	+	0.019018
Rdx	MmuINT0133315	chr9	51856538	51868936	+	0.007075
Rdx	MmuINT0133317	chr9	51869009	51871682	+	0.008193
Rdx	MmuINT0133318	chr9	51871767	51872964	+	0.003862
Rdx	MmuINT0133319	chr9	51873061	51873749	+	0.005205
Rdx	MmuINT0133320	chr9	51874025	51875465	+	0.003214
Rdx	MmuINT0133321	chr9	51875550	51876234	+	0.004672
Rdx	MmuINT0133322	chr9	51876382	51876911	+	0.005336
Rdx	MmuINT0133323	chr9	51877009	51877719	+	0.002947
Rdx	MmuINT0133324	chr9	51877884	51881258	+	0.002039
Rdx	MmuINT0133326	chr9	51889285	51890547	+	0.00455
Rdx	MmuINT0133327	chr9	51890641	51893207	+	0.005941
Rdx	MmuINT0133328	chr9	51893451	51894419	+	0.002973
Recql	MmuINT0133369	chr6	1.42E+08	1.42E+08	-	0.150576
Recql	MmuINT0133370	chr6	1.42E+08	1.42E+08	-	0.110425
Recql	MmuINT0133371	chr6	1.42E+08	1.42E+08	-	0.08446
Recql	MmuINT0133372	chr6	1.42E+08	1.42E+08	-	0.240944
Recql	MmuINT0133373	chr6	1.42E+08	1.42E+08	-	0.105489
Recql	MmuINT0133374	chr6	1.42E+08	1.42E+08	-	0.050437
Recql	MmuINT0133375	chr6	1.42E+08	1.42E+08	-	0.033017
Recql	MmuINT0133376	chr6	1.42E+08	1.42E+08	-	0.033792
Recql	MmuINT0133377	chr6	1.42E+08	1.42E+08	-	0.032215
Recql	MmuINT0133378	chr6	1.42E+08	1.42E+08	-	0.029064
Recql	MmuINT0133379	chr6	1.42E+08	1.42E+08	-	0.033188
Recql	MmuINT0133380	chr6	1.42E+08	1.42E+08	-	0.058697
Recql	MmuINT0133381	chr6	1.42E+08	1.42E+08	-	0.027928
Recql5	MmuINT0133402	chr11	1.16E+08	1.16E+08	-	0.058019
Recql5	MmuINT0133403	chr11	1.16E+08	1.16E+08	-	0.228773
Recql5	MmuINT0133404	chr11	1.16E+08	1.16E+08	-	0.183596
Recql5	MmuINT0133405	chr11	1.16E+08	1.16E+08	-	0.176542
Recql5	MmuINT0133406	chr11	1.16E+08	1.16E+08	-	0.050973
Recql5	MmuINT0133407	chr11	1.16E+08	1.16E+08	-	0.051205
Recql5	MmuINT0133409	chr11	1.16E+08	1.16E+08	-	0.049812
Recql5	MmuINT0133410	chr11	1.16E+08	1.16E+08	-	0.082349
Recql5	MmuINT0133411	chr11	1.16E+08	1.16E+08	-	0.123885
Recql5	MmuINT0133412	chr11	1.16E+08	1.16E+08	-	0.043995
Recql5	MmuINT0133413	chr11	1.16E+08	1.16E+08	-	0.15449
Recql5	MmuINT0133414	chr11	1.16E+08	1.16E+08	-	0.0441
Recql5	MmuINT0133415	chr11	1.16E+08	1.16E+08	-	0.051521
Recql5	MmuINT0133416	chr11	1.16E+08	1.16E+08	-	0.028432
Recql5	MmuINT0133417	chr11	1.16E+08	1.16E+08	-	0.039807
Recql5	MmuINT0133418	chr11	1.16E+08	1.16E+08	-	0.164208
Recql5	MmuINT0133419	chr11	1.16E+08	1.16E+08	-	0.279358
Reep1	MmuINT0133420	chr6	71657996	71706357	+	0.021853
Reep1	MmuINT0133423	chr6	71723303	71730715	+	0.008586
Reep1	MmuINT0133424	chr6	71730830	71745140	+	0.089952
Reep3	MmuINT0133433	chr10	66525820	66559537	-	0.027942
Reep3	MmuINT0133434	chr10	66502326	66525746	-	0.020427
Reep3	MmuINT0133435	chr10	66498754	66502248	-	0.017848

Reep3	MmuINT0133436	chr10	66497461	66498632	-	0.016967
Reep3	MmuINT0133437	chr10	66484642	66497346	-	0.020544
Reep3	MmuINT0133438	chr10	66477796	66484496	-	0.011022
Reep3	MmuINT0133439	chr10	66476535	66477649	-	0.024934
Reep4	MmuINT0133440	chr14	70945546	70946283	+	0.154454
Reep4	MmuINT0133441	chr14	70946357	70946736	+	0.073769
Reep4	MmuINT0133442	chr14	70946814	70946921	+	0.458643
Reep4	MmuINT0133443	chr14	70947043	70947473	+	0.216979
Reep4	MmuINT0133444	chr14	70947588	70947746	+	0.259092
Reep4	MmuINT0133445	chr14	70947883	70947991	+	0.055079
Reep4	MmuINT0133446	chr14	70948147	70948236	+	0.043501
Reep5	MmuINT0133447	chr18	34532153	34532857	-	0.001795
Reep5	MmuINT0133448	chr18	34516885	34532058	-	0.000795
Reep5	MmuINT0133449	chr18	34509458	34516745	-	0.001247
Reep5	MmuINT0133450	chr18	34506823	34509288	-	0.00059
Reep6	MmuINT0133451	chr10	79793091	79796247	+	0.089016
Reep6	MmuINT0133452	chr10	79796342	79796433	+	0.093247
Reep6	MmuINT0133453	chr10	79796573	79796710	+	0.058076
Reep6	MmuINT0133455	chr10	79797539	79797854	+	0.12992
Rel	MmuINT0133492	chr11	23661156	23670679	-	0.058964
Rel	MmuINT0133493	chr11	23657048	23661012	-	0.054713
Rel	MmuINT0133494	chr11	23653309	23656898	-	0.059897
Rel	MmuINT0133495	chr11	23648892	23653216	-	0.054228
Rel	MmuINT0133496	chr11	23645851	23648750	-	0.051273
Rel	MmuINT0133497	chr11	23645642	23645745	-	0.060253
Rel	MmuINT0133498	chr11	23644506	23645428	-	0.065074
Rel	MmuINT0133499	chr11	23644308	23644436	-	0.052924
Rel	MmuINT0133500	chr11	23643041	23644238	-	0.0368
Rela	MmuINT0133501	chr19	5637842	5638431	+	0.016673
Rela	MmuINT0133502	chr19	5645588	5646799	+	0.029381
Rela	MmuINT0133503	chr19	5638459	5638550	+	0.006336
Rela	MmuINT0133504	chr19	5638703	5638854	+	0.008045
Rela	MmuINT0133505	chr19	5639004	5639858	+	0.035337
Rela	MmuINT0133506	chr19	5639951	5640302	+	0.026032
Rela	MmuINT0133507	chr19	5640435	5641180	+	0.039402
Rela	MmuINT0133508	chr19	5641286	5641463	+	0.005622
Rela	MmuINT0133509	chr19	5641677	5645324	+	0.025075
Rela	MmuINT0133510	chr19	5645406	5645512	+	0.013628
Relb	MmuINT0133511	chr7	20213320	20214539	-	0.024486
Relb	MmuINT0133512	chr7	20192291	20196971	-	0.019439
Relb	MmuINT0133514	chr7	20203269	20204862	-	0.04063
Relb	MmuINT0133515	chr7	20201787	20203110	-	0.066316
Relb	MmuINT0133516	chr7	20201040	20201694	-	0.024017
Relb	MmuINT0133517	chr7	20199235	20200907	-	0.015971
Relb	MmuINT0133518	chr7	20198070	20199129	-	0.015518
Relb	MmuINT0133519	chr7	20197235	20197853	-	0.019543
Relb	MmuINT0133520	chr7	20197050	20197165	-	0.037995
Rel1	MmuINT0133521	chr5	64329273	64359884	-	0.029775
Rel1	MmuINT0133522	chr5	64327334	64329044	-	0.031427
Rel1	MmuINT0133523	chr5	64321775	64327261	-	0.058544

Rel1	MmuINT0133524	chr5	64318465	64321716	-	0.024716
Rel1	MmuINT0133525	chr5	64316113	64318227	-	0.042725
Rel1	MmuINT0133526	chr5	64302391	64315973	-	0.030912
Rel2	MmuINT0133530	chr18	38117429	38117667	+	0.793705
Rel2	MmuINT0133531	chr18	38118044	38118165	+	0.87369
Relt	MmuINT0133597	chr7	1.08E+08	1.08E+08	-	0.042729
Relt	MmuINT0133601	chr7	1.08E+08	1.08E+08	-	0.042654
Relt	MmuINT0133602	chr7	1.08E+08	1.08E+08	-	0.051865
Rem1	MmuINT0133607	chr2	1.52E+08	1.52E+08	+	0.026754
Rem1	MmuINT0133608	chr2	1.52E+08	1.52E+08	+	0.308474
Rem1	MmuINT0133609	chr2	1.52E+08	1.52E+08	+	0.122327
Renbp	MmuINT0133622	chrX	71175857	71176052	-	0.054675
Renbp	MmuINT0133624	chrX	71175602	71175746	-	0.160717
Renbp	MmuINT0133625	chrX	71175193	71175343	-	0.23091
Renbp	MmuINT0133626	chrX	71174680	71175019	-	0.052985
Renbp	MmuINT0133627	chrX	71173700	71174454	-	0.046441
Renbp	MmuINT0133628	chrX	71173328	71173617	-	0.05346
Renbp	MmuINT0133629	chrX	71171687	71173151	-	0.241444
Renbp	MmuINT0133630	chrX	71167778	71171554	-	0.159376
Reps1	MmuINT0133636	chr10	17775922	17809253	+	0.014831
Reps1	MmuINT0133638	chr10	17834293	17835521	+	0.017438
Reps1	MmuINT0133639	chr10	17835624	17837470	+	0.02848
Reps1	MmuINT0133640	chr10	17837541	17838732	+	0.010994
Reps1	MmuINT0133641	chr10	17838852	17839970	+	0.008062
Reps1	MmuINT0133642	chr10	17840036	17840838	+	0.016924
Reps1	MmuINT0133643	chr10	17841025	17842240	+	0.034759
Reps1	MmuINT0133644	chr10	17842337	17842830	+	0.018405
Reps1	MmuINT0133645	chr10	17842980	17843404	+	0.006892
Reps1	MmuINT0133646	chr10	17843511	17844685	+	0.031403
Reps1	MmuINT0133647	chr10	17809378	17812650	+	0.022206
Reps1	MmuINT0133648	chr10	17812848	17812975	+	0.007727
Reps1	MmuINT0133649	chr10	17813130	17813584	+	0.011343
Reps1	MmuINT0133650	chr10	17813710	17814215	+	0.014592
Reps1	MmuINT0133651	chr10	17814379	17814650	+	0.010001
Reps1	MmuINT0133652	chr10	17814715	17815987	+	0.009948
Reps1	MmuINT0133653	chr10	17816143	17823959	+	0.007604
Rer1	MmuINT0133672	chr4	1.54E+08	1.54E+08	-	0.012073
Rer1	MmuINT0133673	chr4	1.54E+08	1.54E+08	-	0.003566
Rer1	MmuINT0133674	chr4	1.54E+08	1.54E+08	-	0.001738
Rer1	MmuINT0133675	chr4	1.54E+08	1.54E+08	-	0.002702
Rer1	MmuINT0133676	chr4	1.54E+08	1.54E+08	-	0.001614
Rer1	MmuINT0133677	chr4	1.54E+08	1.54E+08	-	0.00335
Rere	MmuINT0133679	chr4	1.5E+08	1.5E+08	+	0.017853
Rere	MmuINT0133680	chr4	1.5E+08	1.5E+08	+	0.045378
Rere	MmuINT0133681	chr4	1.5E+08	1.5E+08	+	0.021551
Rere	MmuINT0133682	chr4	1.5E+08	1.5E+08	+	0.01295
Rere	MmuINT0133683	chr4	1.5E+08	1.5E+08	+	0.036961
Rere	MmuINT0133684	chr4	1.5E+08	1.5E+08	+	0.05391
Rere	MmuINT0133685	chr4	1.5E+08	1.5E+08	+	0.00902
Rere	MmuINT0133686	chr4	1.5E+08	1.5E+08	+	0.01442

Rere	MmuINT0133687	chr4	1.5E+08	1.5E+08	+	0.006962
Rere	MmuINT0133688	chr4	1.5E+08	1.5E+08	+	0.0155
Rere	MmuINT0133689	chr4	1.5E+08	1.5E+08	+	0.019838
Rere	MmuINT0133690	chr4	1.5E+08	1.5E+08	+	0.040656
Rere	MmuINT0133691	chr4	1.5E+08	1.5E+08	+	0.064301
Rere	MmuINT0133692	chr4	1.5E+08	1.5E+08	+	0.041819
Rere	MmuINT0133693	chr4	1.5E+08	1.5E+08	+	0.034422
Rere	MmuINT0133694	chr4	1.5E+08	1.5E+08	+	0.033966
Rere	MmuINT0133695	chr4	1.5E+08	1.5E+08	+	0.053102
Rere	MmuINT0133696	chr4	1.5E+08	1.5E+08	+	0.038493
Rere	MmuINT0133698	chr4	1.5E+08	1.5E+08	+	0.019896
Rere	MmuINT0133699	chr4	1.5E+08	1.5E+08	+	0.01872
Rest	MmuINT0133717	chr5	77704343	77709727	+	0.042099
Ret	MmuINT0133725	chr6	1.18E+08	1.18E+08	-	0.047188
Ret	MmuINT0133728	chr6	1.18E+08	1.18E+08	-	0.791799
Retsat	MmuINT0133749	chr6	72548791	72550966	+	0.003228
Retsat	MmuINT0133750	chr6	72557028	72557235	+	0.030443
Retsat	MmuINT0133751	chr6	72551150	72551469	+	0.002109
Retsat	MmuINT0133752	chr6	72551712	72552648	+	0.003419
Retsat	MmuINT0133753	chr6	72552851	72553647	+	0.006124
Retsat	MmuINT0133754	chr6	72553846	72554859	+	0.006472
Retsat	MmuINT0133755	chr6	72554980	72555965	+	0.009848
Retsat	MmuINT0133756	chr6	72556105	72556378	+	0.022252
Retsat	MmuINT0133757	chr6	72556489	72556566	+	0.013425
Retsat	MmuINT0133758	chr6	72556734	72556867	+	0.020944
Rev1	MmuINT0133760	chr1	38128343	38131159	-	0.029561
Rev1	MmuINT0133761	chr1	38124465	38128187	-	0.016993
Rev1	MmuINT0133762	chr1	38120181	38124344	-	0.015716
Rev1	MmuINT0133763	chr1	38116140	38119959	-	0.023504
Rev1	MmuINT0133764	chr1	38114622	38115966	-	0.016893
Rev1	MmuINT0133765	chr1	38113728	38114518	-	0.019781
Rev1	MmuINT0133766	chr1	38113312	38113561	-	0.015083
Rev1	MmuINT0133767	chr1	38111711	38112135	-	0.10052
Rev1	MmuINT0133768	chr1	38111141	38111589	-	0.063567
Rev1	MmuINT0133769	chr1	38164540	38165248	-	0.051057
Rev1	MmuINT0133770	chr1	38110842	38110928	-	0.081695
Rev1	MmuINT0133771	chr1	38110564	38110684	-	0.054381
Rev1	MmuINT0133773	chr1	38155867	38164412	-	0.025794
Rev1	MmuINT0133774	chr1	38149061	38155697	-	0.019428
Rev1	MmuINT0133775	chr1	38145520	38148907	-	0.026139
Rev1	MmuINT0133776	chr1	38142498	38144815	-	0.034362
Rev1	MmuINT0133777	chr1	38140666	38142389	-	0.022085
Rev1	MmuINT0133779	chr1	38131289	38136134	-	0.123378
Rev3l	MmuINT0133784	chr10	39545065	39547515	+	0.043806
Rev3l	MmuINT0133785	chr10	39548412	39550704	+	0.03125
Rev3l	MmuINT0133786	chr10	39550788	39552323	+	0.041797
Rev3l	MmuINT0133787	chr10	39552450	39554965	+	0.043609
Rev3l	MmuINT0133788	chr10	39555159	39556431	+	0.036279
Rev3l	MmuINT0133789	chr10	39556544	39558247	+	0.038145
Rev3l	MmuINT0133790	chr10	39558364	39560690	+	0.047871



Rev3l	MmuINT0133792	chr10	39560810	39563216	+	0.036808
Rev3l	MmuINT0133793	chr10	39563336	39565947	+	0.06165
Rev3l	MmuINT0133794	chr10	39566090	39566474	+	0.04013
Rev3l	MmuINT0133795	chr10	39566720	39567780	+	0.031425
Rev3l	MmuINT0133796	chr10	39567890	39571672	+	0.029714
Rev3l	MmuINT0133797	chr10	39571880	39574504	+	0.032173
Rev3l	MmuINT0133798	chr10	39574615	39578912	+	0.167846
Rev3l	MmuINT0133799	chr10	39579028	39582499	+	0.059524
Rev3l	MmuINT0133800	chr10	39582638	39583543	+	0.070281
Rev3l	MmuINT0133801	chr10	39583735	39584399	+	0.037861
Rev3l	MmuINT0133803	chr10	39584647	39587098	+	0.023394
Rev3l	MmuINT0133804	chr10	39587309	39593889	+	0.071242
Rexo1	MmuINT0133811	chr10	80013811	80024008	-	0.026229
Rexo1	MmuINT0133812	chr10	80006466	80006747	-	0.068505
Rexo1	MmuINT0133813	chr10	80006157	80006391	-	0.089311
Rexo1	MmuINT0133814	chr10	80005769	80006045	-	0.002153
Rexo1	MmuINT0133815	chr10	80005570	80005652	-	0.229771
Rexo1	MmuINT0133817	chr10	80011279	80012077	-	0.084047
Rexo1	MmuINT0133818	chr10	80010732	80011176	-	0.089337
Rexo1	MmuINT0133819	chr10	80009211	80010517	-	0.124336
Rexo1	MmuINT0133820	chr10	80008753	80009046	-	0.024477
Rexo1	MmuINT0133821	chr10	80008332	80008620	-	0.06175
Rexo1	MmuINT0133822	chr10	80007619	80008207	-	0.027371
Rexo1	MmuINT0133823	chr10	80007166	80007504	-	0.048637
Rexo1	MmuINT0133824	chr10	80006862	80007027	-	0.049425
Rexo2	MmuINT0133825	chr9	48287499	48288511	-	0.003578
Rexo2	MmuINT0133826	chr9	48283303	48287414	-	0.005826
Rexo2	MmuINT0133827	chr9	48282619	48283224	-	0.030338
Rexo2	MmuINT0133828	chr9	48281246	48282506	-	0.030425
Rexo2	MmuINT0133829	chr9	48279979	48281136	-	0.019483
Rexo2	MmuINT0133830	chr9	48277052	48279924	-	0.037486
Rexo4	MmuINT0133831	chr2	26818244	26819571	-	0.036559
Rexo4	MmuINT0133833	chr2	26815938	26816122	-	0.063947
Rexo4	MmuINT0133834	chr2	26814088	26815743	-	0.094444
Rexo4	MmuINT0133835	chr2	26811884	26813998	-	0.311125
Rexo4	MmuINT0133836	chr2	26811090	26811808	-	0.037985
Rexo4	MmuINT0133837	chr2	26810117	26811014	-	0.071384
Rfc1	MmuINT0133838	chr5	65710770	65726762	-	0.009866
Rfc1	MmuINT0133839	chr5	65679309	65682325	-	0.008636
Rfc1	MmuINT0133840	chr5	65676193	65679128	-	0.008863
Rfc1	MmuINT0133841	chr5	65671054	65676087	-	0.007276
Rfc1	MmuINT0133842	chr5	65670063	65670695	-	0.016117
Rfc1	MmuINT0133843	chr5	65668711	65669949	-	0.011843
Rfc1	MmuINT0133844	chr5	65667021	65668595	-	0.020505
Rfc1	MmuINT0133845	chr5	65666759	65666928	-	0.025291
Rfc1	MmuINT0133846	chr5	65665710	65666620	-	0.011781
Rfc1	MmuINT0133847	chr5	65665289	65665613	-	0.011156
Rfc1	MmuINT0133848	chr5	65663772	65665189	-	0.014555
Rfc1	MmuINT0133849	chr5	65704273	65710643	-	0.009505
Rfc1	MmuINT0133850	chr5	65663498	65663616	-	0.011892

Rfc1	MmuINT0133851	chr5	65660333	65663379	-	0.009575
Rfc1	MmuINT0133852	chr5	65657555	65660186	-	0.008143
Rfc1	MmuINT0133853	chr5	65655671	65657340	-	0.009142
Rfc1	MmuINT0133854	chr5	65654386	65655481	-	0.163346
Rfc1	MmuINT0133855	chr5	65702403	65704196	-	0.012884
Rfc1	MmuINT0133856	chr5	65694448	65702279	-	0.01219
Rfc1	MmuINT0133857	chr5	65693250	65694214	-	0.014124
Rfc1	MmuINT0133858	chr5	65688716	65693171	-	0.012723
Rfc1	MmuINT0133859	chr5	65687284	65688637	-	0.018927
Rfc1	MmuINT0133860	chr5	65685175	65687192	-	0.009419
Rfc1	MmuINT0133861	chr5	65682434	65684896	-	0.00737
Rfc2	MmuINT0133862	chr5	1.35E+08	1.35E+08	+	0.018932
Rfc2	MmuINT0133863	chr5	1.35E+08	1.35E+08	+	0.014499
Rfc2	MmuINT0133864	chr5	1.35E+08	1.35E+08	+	0.028246
Rfc2	MmuINT0133865	chr5	1.35E+08	1.35E+08	+	0.04093
Rfc2	MmuINT0133866	chr5	1.35E+08	1.35E+08	+	0.029461
Rfc2	MmuINT0133867	chr5	1.35E+08	1.35E+08	+	0.010313
Rfc2	MmuINT0133868	chr5	1.35E+08	1.35E+08	+	0.141899
Rfc2	MmuINT0133869	chr5	1.35E+08	1.35E+08	+	0.049794
Rfc2	MmuINT0133870	chr5	1.35E+08	1.35E+08	+	0.026316
Rfc2	MmuINT0133871	chr5	1.35E+08	1.35E+08	+	0.036481
Rfc3	MmuINT0133872	chr5	1.52E+08	1.52E+08	-	0.029446
Rfc3	MmuINT0133873	chr5	1.52E+08	1.52E+08	-	0.036356
Rfc3	MmuINT0133874	chr5	1.52E+08	1.52E+08	-	0.032176
Rfc3	MmuINT0133875	chr5	1.52E+08	1.52E+08	-	0.035909
Rfc3	MmuINT0133876	chr5	1.52E+08	1.52E+08	-	0.03967
Rfc3	MmuINT0133877	chr5	1.52E+08	1.52E+08	-	0.080772
Rfc3	MmuINT0133878	chr5	1.52E+08	1.52E+08	-	0.095122
Rfc3	MmuINT0133879	chr5	1.52E+08	1.52E+08	-	0.033207
Rfc4	MmuINT0133880	chr16	23127615	23127757	-	0.031133
Rfc4	MmuINT0133881	chr16	23124688	23127472	-	0.026504
Rfc4	MmuINT0133882	chr16	23121062	23124608	-	0.029225
Rfc4	MmuINT0133883	chr16	23118137	23120981	-	0.025952
Rfc4	MmuINT0133884	chr16	23115932	23118016	-	0.027802
Rfc4	MmuINT0133885	chr16	23115569	23115787	-	0.019118
Rfc4	MmuINT0133886	chr16	23114806	23115447	-	0.031771
Rfc4	MmuINT0133887	chr16	23114599	23114679	-	0.023522
Rfc4	MmuINT0133888	chr16	23114377	23114517	-	0.030805
Rfc5	MmuINT0133892	chr5	1.18E+08	1.18E+08	-	0.080745
Rfc5	MmuINT0133894	chr5	1.18E+08	1.18E+08	-	0.079756
Rfc5	MmuINT0133895	chr5	1.18E+08	1.18E+08	-	0.041705
Rfesd	MmuINT0133899	chr13	76145735	76156105	-	0.026234
Rfesd	MmuINT0133900	chr13	76145466	76145558	-	0.008854
Rfesd	MmuINT0133901	chr13	76140537	76145430	-	0.01215
Rffl	MmuINT0133912	chr11	82623721	82625901	-	0.309813
Rffl	MmuINT0133914	chr11	82619692	82622014	-	0.120721
Rfk	MmuINT0133915	chr19	17468883	17469687	+	0.002783
Rfk	MmuINT0133916	chr19	17469840	17473067	+	0.003249
Rfk	MmuINT0133917	chr19	17473171	17473962	+	0.002151
Rfng	MmuINT0133918	chr11	1.21E+08	1.21E+08	-	0.024965

Rfng	MmuINT0133919	chr11	1.21E+08	1.21E+08	-	0.015801
Rfng	MmuINT0133920	chr11	1.21E+08	1.21E+08	-	0.037926
Rfng	MmuINT0133921	chr11	1.21E+08	1.21E+08	-	0.264127
Rfng	MmuINT0133922	chr11	1.21E+08	1.21E+08	-	0.15647
Rfng	MmuINT0133923	chr11	1.21E+08	1.21E+08	-	0.018049
Rfng	MmuINT0133924	chr11	1.21E+08	1.21E+08	-	0.02056
Rft1	MmuINT0133936	chr14	31467662	31471494	+	0.052637
Rft1	MmuINT0133937	chr14	31492562	31495936	+	0.028051
Rft1	MmuINT0133938	chr14	31496043	31502890	+	0.024061
Rft1	MmuINT0133939	chr14	31503141	31503627	+	0.039942
Rft1	MmuINT0133940	chr14	31471581	31473382	+	0.063667
Rft1	MmuINT0133941	chr14	31473500	31474456	+	0.035489
Rft1	MmuINT0133942	chr14	31474647	31476263	+	0.045153
Rft1	MmuINT0133943	chr14	31476366	31479864	+	0.029003
Rft1	MmuINT0133944	chr14	31480003	31487355	+	0.029326
Rft1	MmuINT0133945	chr14	31487435	31490035	+	0.025133
Rft1	MmuINT0133946	chr14	31490087	31490872	+	0.056558
Rft1	MmuINT0133947	chr14	31491004	31492416	+	0.042026
Rftn1	MmuINT0133948	chr17	50308485	50329545	-	0.009097
Rftn1	MmuINT0133949	chr17	50246582	50308327	-	0.004483
Rftn1	MmuINT0133950	chr17	50226002	50246394	-	0.005566
Rftn1	MmuINT0133951	chr17	50194953	50225892	-	0.009609
Rftn1	MmuINT0133952	chr17	50186826	50194561	-	0.00637
Rftn1	MmuINT0133953	chr17	50176382	50186621	-	0.013053
Rftn1	MmuINT0133954	chr17	50143683	50176265	-	0.006699
Rftn1	MmuINT0133955	chr17	50142039	50143578	-	0.00588
Rftn1	MmuINT0133956	chr17	50133807	50141956	-	0.005752
Rftn2	MmuINT0133960	chr1	55261237	55263179	-	0.065855
Rftn2	MmuINT0133963	chr1	55241873	55251087	-	0.0353
Rftn2	MmuINT0133964	chr1	55228927	55241793	-	0.079065
Rfwd2	MmuINT0133980	chr1	1.61E+08	1.61E+08	+	0.002735
Rfx1	MmuINT0133997	chr8	86614192	86614848	+	0.088977
Rfx1	MmuINT0133998	chr8	86614969	86615264	+	0.153098
Rfx1	MmuINT0133999	chr8	86615378	86616433	+	0.205047
Rfx1	MmuINT0134000	chr8	86616553	86616678	+	0.037779
Rfx1	MmuINT0134001	chr8	86616789	86616872	+	0.044464
Rfx1	MmuINT0134002	chr8	86617025	86617101	+	0.020547
Rfx1	MmuINT0134003	chr8	86617200	86618625	+	0.02581
Rfx1	MmuINT0134004	chr8	86618776	86618848	+	0.209461
Rfx1	MmuINT0134005	chr8	86619058	86619294	+	0.071141
Rfx1	MmuINT0134006	chr8	86619449	86619526	+	0.049097
Rfx1	MmuINT0134008	chr8	86619573	86619695	+	0.059046
Rfx1	MmuINT0134013	chr8	86608074	86609471	+	0.079069
Rfx1	MmuINT0134014	chr8	86609567	86611604	+	0.05918
Rfx1	MmuINT0134015	chr8	86611972	86614009	+	0.208021
Rfx2	MmuINT0134023	chr17	56917416	56919302	-	0.049572
Rfx5	MmuINT0134069	chr3	94759069	94759273	+	0.157883
Rfx5	MmuINT0134075	chr3	94761221	94761703	+	0.143695
Rfx5	MmuINT0134076	chr3	94761808	94762171	+	0.22694
Rfx7	MmuINT0134096	chr9	72380788	72424845	+	0.051398

Rfx7	MmuINT0134097	chr9	72424880	72439557	+	0.06247
Rfx7	MmuINT0134098	chr9	72439641	72441044	+	0.065318
Rfx7	MmuINT0134099	chr9	72441168	72455429	+	0.065373
Rfx7	MmuINT0134100	chr9	72455547	72458110	+	0.067656
Rfx7	MmuINT0134101	chr9	72458196	72459427	+	0.054768
Rfx7	MmuINT0134102	chr9	72459636	72462843	+	0.118548
Rfxank	MmuINT0134118	chr8	72662123	72662819	-	0.007668
Rfxank	MmuINT0134119	chr8	72660190	72661927	-	0.006003
Rfxank	MmuINT0134120	chr8	72659291	72659434	-	0.225225
Rfxank	MmuINT0134121	chr8	72659064	72659189	-	0.037072
Rfxank	MmuINT0134122	chr8	72658578	72658937	-	0.014359
Rfxank	MmuINT0134123	chr8	72658206	72658510	-	0.018056
Rfxap	MmuINT0134124	chr3	54609390	54611120	-	0.026344
Rfxap	MmuINT0134125	chr3	54608498	54609281	-	0.023029
Rg9mtd1	MmuINT0134126	chr16	56035405	56037613	-	0.009851
Rg9mtd2	MmuINT0134128	chr3	1.38E+08	1.38E+08	+	0.056801
Rg9mtd2	MmuINT0134131	chr3	1.38E+08	1.38E+08	+	0.031829
Rg9mtd2	MmuINT0134132	chr3	1.38E+08	1.38E+08	+	0.031986
Rg9mtd2	MmuINT0134133	chr3	1.38E+08	1.38E+08	+	0.032587
Rg9mtd3	MmuINT0134135	chr4	45313500	45314107	+	0.071336
Rg9mtd3	MmuINT0134136	chr4	45314223	45317135	+	0.028964
Rg9mtd3	MmuINT0134137	chr4	45317261	45318615	+	0.049736
Rg9mtd3	MmuINT0134138	chr4	45318769	45320763	+	0.077407
Rg9mtd3	MmuINT0134139	chr4	45320843	45321368	+	0.104501
Rg9mtd3	MmuINT0134140	chr4	45321437	45327154	+	0.101682
Rg9mtd3	MmuINT0134141	chr4	45327279	45327883	+	0.12991
Rgl1	MmuINT0134144	chr1	1.54E+08	1.54E+08	-	0.032386
Rgl1	MmuINT0134145	chr1	1.54E+08	1.54E+08	-	0.043919
Rgl1	MmuINT0134146	chr1	1.54E+08	1.54E+08	-	0.023794
Rgl1	MmuINT0134147	chr1	1.54E+08	1.54E+08	-	0.014647
Rgl1	MmuINT0134148	chr1	1.54E+08	1.54E+08	-	0.015828
Rgl1	MmuINT0134149	chr1	1.54E+08	1.54E+08	-	0.01226
Rgl1	MmuINT0134150	chr1	1.54E+08	1.54E+08	-	0.011957
Rgl1	MmuINT0134151	chr1	1.54E+08	1.54E+08	-	0.009685
Rgl1	MmuINT0134152	chr1	1.54E+08	1.54E+08	-	0.012674
Rgl1	MmuINT0134153	chr1	1.54E+08	1.54E+08	-	0.01112
Rgl1	MmuINT0134154	chr1	1.54E+08	1.54E+08	-	0.011949
Rgl1	MmuINT0134155	chr1	1.54E+08	1.54E+08	-	0.016505
Rgl1	MmuINT0134156	chr1	1.54E+08	1.54E+08	-	0.020518
Rgl1	MmuINT0134157	chr1	1.54E+08	1.54E+08	-	0.011141
Rgl1	MmuINT0134158	chr1	1.54E+08	1.54E+08	-	0.015751
Rgl1	MmuINT0134159	chr1	1.54E+08	1.54E+08	-	0.049733
Rgl1	MmuINT0134160	chr1	1.54E+08	1.54E+08	-	0.056176
Rgl2	MmuINT0134161	chr17	34066990	34067189	+	0.052014
Rgl2	MmuINT0134162	chr17	34070726	34070841	+	0.018258
Rgl2	MmuINT0134163	chr17	34070917	34071919	+	0.047141
Rgl2	MmuINT0134164	chr17	34071953	34072078	+	0.116409
Rgl2	MmuINT0134165	chr17	34072201	34072304	+	0.059231
Rgl2	MmuINT0134166	chr17	34072401	34072489	+	0.157934
Rgl2	MmuINT0134167	chr17	34072602	34072684	+	0.027851

Rgl2	MmuINT0134168	chr17	34072979	34073807	+	0.063937
Rgl2	MmuINT0134169	chr17	34073923	34074009	+	0.006469
Rgl2	MmuINT0134170	chr17	34067387	34068670	+	0.194253
Rgl2	MmuINT0134171	chr17	34068755	34068984	+	0.164152
Rgl2	MmuINT0134172	chr17	34069164	34069265	+	0.155921
Rgl2	MmuINT0134173	chr17	34069317	34069398	+	0.363102
Rgl2	MmuINT0134174	chr17	34069697	34069953	+	0.253164
Rgl2	MmuINT0134175	chr17	34070206	34070295	+	0.008259
Rgl2	MmuINT0134176	chr17	34070400	34070485	+	0.009049
Rgl2	MmuINT0134177	chr17	34070571	34070656	+	0.021552
Rgl3	MmuINT0134182	chr9	21780490	21781182	-	0.14579
Rgl3	MmuINT0134183	chr9	21780305	21780393	-	0.030127
Rgl3	MmuINT0134184	chr9	21780152	21780235	-	0.033347
Rgl3	MmuINT0134185	chr9	21778985	21780051	-	0.087827
Rgl3	MmuINT0134186	chr9	21778581	21778831	-	0.125503
Rgl3	MmuINT0134187	chr9	21776454	21778465	-	0.013841
Rgl3	MmuINT0134192	chr9	21785950	21786047	-	0.039431
Rgma	MmuINT0134196	chr7	80520775	80536266	+	0.129584
Rgma	MmuINT0134197	chr7	80536383	80554117	+	0.010702
Rgma	MmuINT0134198	chr7	80554636	80562202	+	0.007183
Rgmb	MmuINT0134199	chr17	15958143	15962975	-	0.028803
Rgmb	MmuINT0134200	chr17	15944766	15957633	-	0.008959
Rgnef	MmuINT0134221	chr13	98727785	98731254	-	0.059887
Rgnef	MmuINT0134223	chr13	98723919	98726480	-	0.038643
Rgnef	MmuINT0134226	chr13	98715696	98716757	-	0.04245
Rgnef	MmuINT0134227	chr13	98714654	98715603	-	0.062771
Rgnef	MmuINT0134228	chr13	98712540	98714470	-	0.049022
Rgnef	MmuINT0134230	chr13	98709516	98712407	-	0.199386
Rgnef	MmuINT0134233	chr13	98701219	98706629	-	0.058177
Rgnef	MmuINT0134234	chr13	98699661	98700732	-	0.067601
Rgnef	MmuINT0134235	chr13	98669772	98699365	-	0.084015
Rgp1	MmuINT0134242	chr4	43591876	43592246	+	0.02426
Rgp1	MmuINT0134243	chr4	43592382	43592758	+	0.124876
Rgp1	MmuINT0134244	chr4	43592896	43593167	+	0.01257
Rgp1	MmuINT0134245	chr4	43593252	43593348	+	0.021288
Rgp1	MmuINT0134246	chr4	43593499	43593735	+	0.015125
Rgp1	MmuINT0134247	chr4	43593883	43594059	+	0.008208
Rgp1	MmuINT0134248	chr4	43594188	43594358	+	0.041581
Rgp1	MmuINT0134249	chr4	43594549	43595731	+	0.102989
Rgs10	MmuINT0134260	chr7	1.36E+08	1.36E+08	-	0.036716
Rgs10	MmuINT0134261	chr7	1.36E+08	1.36E+08	-	0.025473
Rgs10	MmuINT0134262	chr7	1.36E+08	1.36E+08	-	0.03561
Rgs10	MmuINT0134263	chr7	1.36E+08	1.36E+08	-	0.0178
Rgs12	MmuINT0134280	chr5	35369639	35371184	+	0.027485
Rgs12	MmuINT0134281	chr5	35371282	35372659	+	0.067522
Rgs12	MmuINT0134282	chr5	35372740	35373116	+	0.076871
Rgs12	MmuINT0134283	chr5	35373271	35374519	+	0.104391
Rgs12	MmuINT0134284	chr5	35362162	35362962	+	0.067287
Rgs12	MmuINT0134285	chr5	35363056	35363764	+	0.04666
Rgs12	MmuINT0134286	chr5	35363909	35365240	+	0.023053

Rgs12	MmuINT0134287	chr5	35365421	35365677	+	0.071374
Rgs12	MmuINT0134288	chr5	35365832	35366925	+	0.025289
Rgs12	MmuINT0134289	chr5	35367003	35368497	+	0.01348
Rgs12	MmuINT0134290	chr5	35368693	35368976	+	0.020643
Rgs12	MmuINT0134291	chr5	35369051	35369511	+	0.022839
Rgs19	MmuINT0134328	chr2	1.81E+08	1.81E+08	-	0.066812
Rgs19	MmuINT0134330	chr2	1.81E+08	1.81E+08	-	0.109472
Rgs19	MmuINT0134331	chr2	1.81E+08	1.81E+08	-	0.189307
Rgs2	MmuINT0134332	chr1	1.46E+08	1.46E+08	-	0.005247
Rgs2	MmuINT0134333	chr1	1.46E+08	1.46E+08	-	0.010667
Rgs2	MmuINT0134334	chr1	1.46E+08	1.46E+08	-	0.011952
Rgs2	MmuINT0134335	chr1	1.46E+08	1.46E+08	-	0.018215
Rgs3	MmuINT0134381	chr4	62313871	62350532	+	0.080992
Rgs3	MmuINT0134387	chr4	62284961	62286130	+	0.031218
Rgs3	MmuINT0134388	chr4	62286237	62286775	+	0.036022
Rgs3	MmuINT0134389	chr4	62287128	62287525	+	0.047813
Rgs3	MmuINT0134390	chr4	62287566	62292157	+	0.042932
Rgs3	MmuINT0134391	chr4	62292355	62295479	+	0.033252
Rgs3	MmuINT0134392	chr4	62295564	62301750	+	0.110653
Rgs3	MmuINT0134393	chr4	62301863	62307717	+	0.031018
Rgs3	MmuINT0134394	chr4	62307762	62313747	+	0.115727
Rgs4	MmuINT0134395	chr1	1.72E+08	1.72E+08	-	0.025608
Rgs4	MmuINT0134396	chr1	1.72E+08	1.72E+08	-	0.031803
Rgs4	MmuINT0134397	chr1	1.72E+08	1.72E+08	-	0.033899
Rgs4	MmuINT0134398	chr1	1.72E+08	1.72E+08	-	0.02041
Rgs5	MmuINT0134399	chr1	1.72E+08	1.72E+08	+	0.001272
Rgs5	MmuINT0134400	chr1	1.72E+08	1.72E+08	+	0.002935
Rgs5	MmuINT0134401	chr1	1.72E+08	1.72E+08	+	0.002648
Rgs5	MmuINT0134402	chr1	1.72E+08	1.72E+08	+	0.004497
Rgs6	MmuINT0134403	chr12	83718371	83752795	+	0.0151
Rgs6	MmuINT0134404	chr12	84168475	84170481	+	0.011733
Rgs6	MmuINT0134405	chr12	84170581	84171584	+	0.01173
Rgs6	MmuINT0134406	chr12	84171647	84192734	+	0.010779
Rgs6	MmuINT0134407	chr12	84192846	84207744	+	0.01095
Rgs6	MmuINT0134408	chr12	84207871	84217099	+	0.007647
Rgs6	MmuINT0134409	chr12	84217287	84234641	+	0.021048
Rgs6	MmuINT0134411	chr12	83752900	84086281	+	0.015296
Rgs6	MmuINT0134412	chr12	84086382	84148545	+	0.019562
Rgs6	MmuINT0134413	chr12	84148597	84152265	+	0.023046
Rgs6	MmuINT0134414	chr12	84152373	84153478	+	0.013001
Rgs6	MmuINT0134415	chr12	84153531	84160732	+	0.020768
Rgs6	MmuINT0134416	chr12	84160798	84164408	+	0.01472
Rgs6	MmuINT0134417	chr12	84164486	84166940	+	0.016214
Rgs6	MmuINT0134418	chr12	84167023	84168399	+	0.012026
Rgs7	MmuINT0134423	chr1	1.77E+08	1.77E+08	-	0.060192
Rhbdd1	MmuINT0134473	chr1	82313224	82336893	+	0.037208
Rhbdd1	MmuINT0134474	chr1	82337406	82339304	+	0.02989
Rhbdd1	MmuINT0134475	chr1	82339438	82364866	+	0.025097
Rhbdd1	MmuINT0134476	chr1	82364956	82366908	+	0.02842
Rhbdd1	MmuINT0134477	chr1	82366966	82374135	+	0.019981

Rhbdd1	MmuINT0134478	chr1	82374280	82439437	+	0.021564
Rhbdd2	MmuINT0134479	chr5	1.36E+08	1.36E+08	+	0.014045
Rhbdd2	MmuINT0134480	chr5	1.36E+08	1.36E+08	+	0.047294
Rhbdd2	MmuINT0134481	chr5	1.36E+08	1.36E+08	+	0.029521
Rhbdd3	MmuINT0134482	chr11	4999570	4999750	+	0.12818
Rhbdd3	MmuINT0134483	chr11	4999902	5000399	+	0.087489
Rhbdd3	MmuINT0134484	chr11	5000591	5001871	+	0.051467
Rhbdd3	MmuINT0134485	chr11	5001909	5003163	+	0.046786
Rhbdd3	MmuINT0134486	chr11	5003353	5004023	+	0.084601
Rhbdd3	MmuINT0134487	chr11	5004408	5005187	+	0.280197
Rhbdd3	MmuINT0134488	chr11	5005351	5005435	+	0.152175
Rhbdd3	MmuINT0134489	chr11	5005721	5005802	+	0.117249
Rhbdf1	MmuINT0134490	chr11	32116283	32122168	-	0.095462
Rhbdf1	MmuINT0134491	chr11	32112785	32112867	-	0.02589
Rhbdf1	MmuINT0134492	chr11	32112021	32112622	-	0.043099
Rhbdf1	MmuINT0134494	chr11	32111206	32111581	-	0.072097
Rhbdf1	MmuINT0134495	chr11	32110903	32111110	-	0.23256
Rhbdf1	MmuINT0134496	chr11	32110759	32110826	-	0.234054
Rhbdf1	MmuINT0134497	chr11	32110552	32110657	-	0.136224
Rhbdf1	MmuINT0134498	chr11	32110224	32110397	-	0.053501
Rhbdf1	MmuINT0134499	chr11	32116065	32116141	-	0.011474
Rhbdf1	MmuINT0134500	chr11	32115124	32115933	-	0.118451
Rhbdf1	MmuINT0134501	chr11	32114603	32114909	-	0.015614
Rhbdf1	MmuINT0134502	chr11	32114305	32114392	-	0.016092
Rhbdf1	MmuINT0134503	chr11	32114110	32114181	-	0.107789
Rhbdf1	MmuINT0134504	chr11	32113518	32113951	-	0.183505
Rhbdf1	MmuINT0134505	chr11	32113164	32113259	-	0.029587
Rhbdf1	MmuINT0134506	chr11	32112943	32113051	-	0.057833
Rhbdf2	MmuINT0134509	chr11	1.16E+08	1.16E+08	-	0.033377
Rhbdf2	MmuINT0134510	chr11	1.16E+08	1.16E+08	-	0.028785
Rhbdf2	MmuINT0134511	chr11	1.16E+08	1.16E+08	-	0.02261
Rhbdf2	MmuINT0134512	chr11	1.16E+08	1.16E+08	-	0.024328
Rhbdf2	MmuINT0134513	chr11	1.16E+08	1.16E+08	-	0.078759
Rhbdf2	MmuINT0134514	chr11	1.16E+08	1.16E+08	-	0.054303
Rhbdf2	MmuINT0134515	chr11	1.16E+08	1.16E+08	-	0.059002
Rhbdf2	MmuINT0134516	chr11	1.16E+08	1.16E+08	-	0.139935
Rhbdf2	MmuINT0134517	chr11	1.16E+08	1.16E+08	-	0.22484
Rhbdf2	MmuINT0134518	chr11	1.16E+08	1.16E+08	-	0.028195
Rhbdf2	MmuINT0134519	chr11	1.16E+08	1.16E+08	-	0.029018
Rhbdf2	MmuINT0134520	chr11	1.16E+08	1.16E+08	-	0.119566
Rhbdf2	MmuINT0134521	chr11	1.16E+08	1.16E+08	-	0.072875
Rhbdf2	MmuINT0134522	chr11	1.16E+08	1.16E+08	-	0.033078
Rhbdf2	MmuINT0134523	chr11	1.16E+08	1.16E+08	-	0.047411
Rhbdf2	MmuINT0134524	chr11	1.16E+08	1.16E+08	-	0.105478
Rhbdf2	MmuINT0134525	chr11	1.16E+08	1.16E+08	-	0.086607
Rhbdl1	MmuINT0134527	chr17	25973139	25973355	-	0.081303
Rhbdl1	MmuINT0134528	chr17	25972839	25972913	-	0.247302
Rhbdl1	MmuINT0134529	chr17	25972528	25972689	-	0.045836
Rhbdl1	MmuINT0134530	chr17	25972323	25972414	-	0.085938
Rhbdl1	MmuINT0134531	chr17	25972143	25972221	-	0.18595

Rhbdl1	MmuINT0134532	chr17	25972002	25972081	-	0.52975
Rhbdl3	MmuINT0134540	chr11	80114774	80116165	+	0.209076
Rhbdl3	MmuINT0134541	chr11	80116190	80133059	+	0.246646
Rhbdl3	MmuINT0134542	chr11	80133219	80136860	+	0.023567
Rhbdl3	MmuINT0134543	chr11	80137086	80144058	+	0.075372
Rhd	MmuINT0134569	chr4	1.34E+08	1.34E+08	+	0.952
Rhd	MmuINT0134570	chr4	1.34E+08	1.34E+08	+	0.415655
Rhd	MmuINT0134571	chr4	1.34E+08	1.34E+08	+	0.014387
Rhd	MmuINT0134572	chr4	1.34E+08	1.34E+08	+	0.022367
Rhd	MmuINT0134573	chr4	1.34E+08	1.34E+08	+	0.028468
Rhd	MmuINT0134574	chr4	1.34E+08	1.34E+08	+	0.026652
Rhd	MmuINT0134575	chr4	1.34E+08	1.34E+08	+	0.022833
Rheb	MmuINT0134576	chr5	24323650	24348002	-	0.002626
Rheb	MmuINT0134577	chr5	24319684	24323577	-	0.002351
Rheb	MmuINT0134578	chr5	24314254	24319615	-	0.004023
Rheb	MmuINT0134579	chr5	24313623	24314170	-	0.002873
Rheb	MmuINT0134580	chr5	24313471	24313565	-	0.002478
Rheb	MmuINT0134581	chr5	24312899	24313422	-	0.004896
Rheb	MmuINT0134582	chr5	24309575	24312816	-	0.00903
Rhebl1	MmuINT0134583	chr15	98711011	98711580	-	0.378077
Rhebl1	MmuINT0134585	chr15	98709919	98710207	-	0.38264
Rhebl1	MmuINT0134586	chr15	98709747	98709835	-	0.111115
Rhebl1	MmuINT0134588	chr15	98708966	98709438	-	0.649696
Rhebl1	MmuINT0134589	chr15	98708729	98708883	-	0.130878
Rhoa	MmuINT0134598	chr9	1.08E+08	1.08E+08	+	0.000358
Rhobtb1	MmuINT0134600	chr10	68751804	68752267	+	0.030761
Rhobtb1	MmuINT0134601	chr10	68678101	68711518	+	0.01412
Rhobtb1	MmuINT0134602	chr10	68711721	68712372	+	0.004498
Rhobtb1	MmuINT0134603	chr10	68712477	68728934	+	0.007252
Rhobtb1	MmuINT0134604	chr10	68729121	68732650	+	0.028685
Rhobtb1	MmuINT0134605	chr10	68733622	68735486	+	0.02053
Rhobtb1	MmuINT0134606	chr10	68735606	68742092	+	0.006085
Rhobtb1	MmuINT0134607	chr10	68742244	68748434	+	0.053179
Rhobtb1	MmuINT0134608	chr10	68748524	68751697	+	0.088903
Rhobtb2	MmuINT0134609	chr14	70200627	70204843	-	0.009956
Rhobtb2	MmuINT0134610	chr14	70199589	70200424	-	0.024559
Rhobtb2	MmuINT0134611	chr14	70198132	70199484	-	0.017266
Rhobtb2	MmuINT0134612	chr14	70197100	70197945	-	0.009816
Rhobtb2	MmuINT0134613	chr14	70195826	70196080	-	0.011487
Rhobtb2	MmuINT0134614	chr14	70193862	70195706	-	0.010261
Rhobtb2	MmuINT0134615	chr14	70188528	70193710	-	0.05903
Rhobtb2	MmuINT0134616	chr14	70187771	70188438	-	0.016275
Rhobtb2	MmuINT0134617	chr14	70187543	70187664	-	0.010283
Rhobtb3	MmuINT0134618	chr13	76080881	76080978	-	0.093135
Rhobtb3	MmuINT0134619	chr13	76013716	76014820	-	0.022636
Rhobtb3	MmuINT0134620	chr13	76009910	76013618	-	0.044274
Rhobtb3	MmuINT0134621	chr13	76077087	76080654	-	0.023426
Rhobtb3	MmuINT0134622	chr13	76055296	76076899	-	0.017487
Rhobtb3	MmuINT0134623	chr13	76050903	76055140	-	0.016812
Rhobtb3	MmuINT0134624	chr13	76048444	76050790	-	0.06432



Rhobtb3	MmuINT0134625	chr13	76039739	76048077	-	0.018413
Rhobtb3	MmuINT0134626	chr13	76030475	76039625	-	0.027047
Rhobtb3	MmuINT0134627	chr13	76016419	76030353	-	0.022993
Rhobtb3	MmuINT0134628	chr13	76014988	76016244	-	0.024079
Rhoc	MmuINT0134629	chr3	1.05E+08	1.05E+08	+	0.072592
Rhoc	MmuINT0134630	chr3	1.05E+08	1.05E+08	+	0.009333
Rhoc	MmuINT0134631	chr3	1.05E+08	1.05E+08	+	0.011345
Rhoc	MmuINT0134632	chr3	1.05E+08	1.05E+08	+	0.012967
Rhod	MmuINT0134633	chr19	4432856	4439219	-	0.044842
Rhod	MmuINT0134634	chr19	4432165	4432767	-	0.039047
Rhod	MmuINT0134635	chr19	4426762	4432054	-	0.028552
Rhod	MmuINT0134636	chr19	4426257	4426626	-	0.215098
Rhog	MmuINT0134641	chr7	1.09E+08	1.09E+08	-	0.065655
Rhoj	MmuINT0134644	chr12	76409989	76476334	+	0.012954
Rhoj	MmuINT0134645	chr12	76476394	76492665	+	0.012928
Rhoj	MmuINT0134646	chr12	76492831	76494955	+	0.099577
Rhoj	MmuINT0134647	chr12	76495052	76501093	+	0.060513
Rhoq	MmuINT0134648	chr17	87363088	87363639	+	0.003639
Rhoq	MmuINT0134649	chr17	87363699	87393898	+	0.002313
Rhoq	MmuINT0134650	chr17	87394064	87394343	+	0.001503
Rhoq	MmuINT0134651	chr17	87394440	87396244	+	0.006697
Rhot1	MmuINT0134654	chr11	80022826	80033759	+	0.014468
Rhot1	MmuINT0134655	chr11	80056184	80056871	+	0.004067
Rhot1	MmuINT0134656	chr11	80056993	80059503	+	0.004185
Rhot1	MmuINT0134657	chr11	80059589	80060168	+	0.003644
Rhot1	MmuINT0134658	chr11	80060315	80061939	+	0.004339
Rhot1	MmuINT0134659	chr11	80062041	80063709	+	0.005066
Rhot1	MmuINT0134660	chr11	80063841	80064544	+	0.011811
Rhot1	MmuINT0134661	chr11	80064629	80066468	+	0.008625
Rhot1	MmuINT0134662	chr11	80066589	80068161	+	0.004177
Rhot1	MmuINT0134663	chr11	80068365	80071015	+	0.012753
Rhot1	MmuINT0134664	chr11	80071139	80079243	+	0.52831
Rhot1	MmuINT0134665	chr11	80033819	80037404	+	0.005204
Rhot1	MmuINT0134666	chr11	80037487	80039087	+	0.007083
Rhot1	MmuINT0134667	chr11	80039132	80039564	+	0.011671
Rhot1	MmuINT0134668	chr11	80039619	80040781	+	0.007846
Rhot1	MmuINT0134669	chr11	80040835	80046883	+	0.00679
Rhot1	MmuINT0134670	chr11	80046993	80047430	+	0.004277
Rhot1	MmuINT0134671	chr11	80047533	80055522	+	0.005555
Rhot1	MmuINT0134672	chr11	80055622	80056074	+	0.009517
Rhot2	MmuINT0134674	chr17	25981259	25981344	-	0.030819
Rhot2	MmuINT0134675	chr17	25978428	25978503	-	0.002052
Rhot2	MmuINT0134676	chr17	25978082	25978306	-	0.002846
Rhot2	MmuINT0134677	chr17	25977924	25977996	-	0.014337
Rhot2	MmuINT0134678	chr17	25977697	25977780	-	0.019846
Rhot2	MmuINT0134679	chr17	25977514	25977595	-	0.005292
Rhot2	MmuINT0134680	chr17	25977281	25977382	-	0.003858
Rhot2	MmuINT0134681	chr17	25977053	25977199	-	0.03428
Rhot2	MmuINT0134682	chr17	25976837	25976929	-	0.00818
Rhot2	MmuINT0134683	chr17	25976440	25976633	-	0.004565

Rhot2	MmuINT0134684	chr17	25981116	25981199	-	0.007033
Rhot2	MmuINT0134685	chr17	25980930	25981033	-	0.002695
Rhot2	MmuINT0134686	chr17	25980106	25980885	-	0.009617
Rhot2	MmuINT0134687	chr17	25979364	25980051	-	0.004758
Rhot2	MmuINT0134688	chr17	25979234	25979310	-	0.03893
Rhot2	MmuINT0134689	chr17	25979037	25979124	-	0.008472
Rhot2	MmuINT0134690	chr17	25978801	25978934	-	0.024239
Rhot2	MmuINT0134691	chr17	25978613	25978701	-	0.01206
Rhou	MmuINT0134692	chr8	1.26E+08	1.26E+08	+	0.05665
Rhou	MmuINT0134693	chr8	1.26E+08	1.26E+08	+	0.060937
Rhpn2	MmuINT0134789	chr7	36119431	36138750	+	0.051652
Rhpn2	MmuINT0134790	chr7	36164704	36166355	+	0.079372
Rhpn2	MmuINT0134791	chr7	36166551	36168987	+	0.03702
Rhpn2	MmuINT0134792	chr7	36169065	36169656	+	0.12236
Rhpn2	MmuINT0134793	chr7	36169804	36170345	+	0.069765
Rhpn2	MmuINT0134794	chr7	36170502	36175773	+	0.046134
Rhpn2	MmuINT0134795	chr7	36138867	36145998	+	0.054972
Rhpn2	MmuINT0134798	chr7	36155806	36156133	+	0.058187
Rhpn2	MmuINT0134799	chr7	36156259	36157323	+	0.065996
Rhpn2	MmuINT0134800	chr7	36157491	36161178	+	0.067806
Rhpn2	MmuINT0134801	chr7	36161367	36161992	+	0.05357
Rhpn2	MmuINT0134802	chr7	36162150	36164583	+	0.096507
Ric8	MmuINT0134839	chr7	1.48E+08	1.48E+08	+	0.091702
Ric8	MmuINT0134840	chr7	1.48E+08	1.48E+08	+	0.022302
Ric8	MmuINT0134841	chr7	1.48E+08	1.48E+08	+	0.010328
Ric8	MmuINT0134842	chr7	1.48E+08	1.48E+08	+	0.022522
Ric8	MmuINT0134843	chr7	1.48E+08	1.48E+08	+	0.02564
Ric8	MmuINT0134844	chr7	1.48E+08	1.48E+08	+	0.014093
Ric8	MmuINT0134845	chr7	1.48E+08	1.48E+08	+	0.047454
Ric8	MmuINT0134846	chr7	1.48E+08	1.48E+08	+	0.100237
Ric8	MmuINT0134847	chr7	1.48E+08	1.48E+08	+	0.070459
Ric8b	MmuINT0134849	chr10	84388339	84410156	+	0.015751
Ric8b	MmuINT0134850	chr10	84410766	84420760	+	0.006556
Ric8b	MmuINT0134851	chr10	84420856	84432607	+	0.005411
Ric8b	MmuINT0134852	chr10	84432837	84433473	+	0.005976
Ric8b	MmuINT0134853	chr10	84433570	84442792	+	0.006221
Ric8b	MmuINT0134854	chr10	84442938	84454864	+	0.004622
Ric8b	MmuINT0134855	chr10	84455010	84464526	+	0.014471
Ric8b	MmuINT0134856	chr10	84464647	84477820	+	0.102515
Rictor	MmuINT0134860	chr15	6719334	6719744	+	0.056646
Rictor	MmuINT0134861	chr15	6719836	6719927	+	0.039676
Rictor	MmuINT0134863	chr15	6720204	6722131	+	0.051631
Rictor	MmuINT0134865	chr15	6723975	6724606	+	0.047333
Rictor	MmuINT0134868	chr15	6658681	6685364	+	0.044626
Rictor	MmuINT0134870	chr15	6726954	6727315	+	0.045927
Rictor	MmuINT0134871	chr15	6727443	6727929	+	0.044269
Rictor	MmuINT0134874	chr15	6729267	6731656	+	0.094906
Rictor	MmuINT0134875	chr15	6731767	6732163	+	0.055318
Rictor	MmuINT0134877	chr15	6733175	6733557	+	0.106994
Rictor	MmuINT0134878	chr15	6733665	6733931	+	0.071689

Rictor	MmuINT0134880	chr15	6734162	6736375	+	0.06099
Rictor	MmuINT0134881	chr15	6737382	6739430	+	0.054373
Rictor	MmuINT0134882	chr15	6739609	6740539	+	0.043978
Rictor	MmuINT0134883	chr15	6740625	6741592	+	0.046091
Rictor	MmuINT0134884	chr15	6741827	6743973	+	0.029423
Rictor	MmuINT0134885	chr15	6744133	6744444	+	0.04165
Rictor	MmuINT0134886	chr15	6744569	6745895	+	0.105964
Rictor	MmuINT0134887	chr15	6746035	6746161	+	0.062072
Rictor	MmuINT0134889	chr15	6695581	6700657	+	0.058285
Rictor	MmuINT0134890	chr15	6700722	6706460	+	0.061011
Rictor	MmuINT0134891	chr15	6706588	6709487	+	0.112561
Rif1	MmuINT0134913	chr2	51964112	51964711	+	0.039809
Rif1	MmuINT0134914	chr2	51964796	51964870	+	0.036941
Rif1	MmuINT0134915	chr2	51964923	51965430	+	0.052711
Rif1	MmuINT0134917	chr2	51968521	51971767	+	0.0205
Rif1	MmuINT0134918	chr2	51971915	51972187	+	0.071346
Rif1	MmuINT0134919	chr2	51972266	51972354	+	0.050587
Rif1	MmuINT0134920	chr2	51972471	51974536	+	0.016691
Rif1	MmuINT0134921	chr2	51974691	51975779	+	0.029783
Rif1	MmuINT0134922	chr2	51975889	51976511	+	0.026781
Rilp	MmuINT0134929	chr11	75323875	75323945	+	0.237203
Rilp	MmuINT0134930	chr11	75324040	75324133	+	0.031399
Rilp	MmuINT0134931	chr11	75324241	75324323	+	0.029103
Rilp	MmuINT0134932	chr11	75324510	75324790	+	0.015557
Rilp	MmuINT0134933	chr11	75324937	75325281	+	0.092559
Rilp	MmuINT0134934	chr11	75325405	75325852	+	0.080851
Rilp	MmuINT0134935	chr11	75325937	75326200	+	0.123327
Rilpl1	MmuINT0134936	chr5	1.25E+08	1.25E+08	-	0.002991
Rilpl1	MmuINT0134937	chr5	1.25E+08	1.25E+08	-	0.000836
Rilpl1	MmuINT0134938	chr5	1.25E+08	1.25E+08	-	0.002179
Rilpl1	MmuINT0134939	chr5	1.25E+08	1.25E+08	-	0.001084
Rilpl1	MmuINT0134940	chr5	1.25E+08	1.25E+08	-	0.001217
Rilpl1	MmuINT0134941	chr5	1.25E+08	1.25E+08	-	0.331625
Rilpl2	MmuINT0134942	chr5	1.25E+08	1.25E+08	-	0.026962
Rilpl2	MmuINT0134943	chr5	1.25E+08	1.25E+08	-	0.023259
Rilpl2	MmuINT0134944	chr5	1.25E+08	1.25E+08	-	0.054919
Rin2	MmuINT0135055	chr2	1.46E+08	1.46E+08	+	0.022346
Rin2	MmuINT0135056	chr2	1.46E+08	1.46E+08	+	0.029603
Rin2	MmuINT0135057	chr2	1.46E+08	1.46E+08	+	0.029339
Rin2	MmuINT0135065	chr2	1.46E+08	1.46E+08	+	0.019243
Rin3	MmuINT0135067	chr12	1.04E+08	1.04E+08	+	0.029979
Rin3	MmuINT0135068	chr12	1.04E+08	1.04E+08	+	0.036866
Rin3	MmuINT0135069	chr12	1.04E+08	1.04E+08	+	0.026386
Rin3	MmuINT0135070	chr12	1.04E+08	1.04E+08	+	0.044032
Rin3	MmuINT0135071	chr12	1.04E+08	1.04E+08	+	0.028937
Rin3	MmuINT0135072	chr12	1.04E+08	1.04E+08	+	0.021552
Rin3	MmuINT0135073	chr12	1.04E+08	1.04E+08	+	0.053121
Rin3	MmuINT0135074	chr12	1.04E+08	1.04E+08	+	0.013834
Ring1	MmuINT0135076	chr17	34161364	34161454	-	0.082622
Ring1	MmuINT0135077	chr17	34160399	34161233	-	0.083867

Ring1	MmulNT0135078	chr17	34160140	34160237	-	0.008081
Ring1	MmulNT0135079	chr17	34159631	34159923	-	0.162995
Ring1	MmulNT0135080	chr17	34158902	34159240	-	0.170637
Rint1	MmulNT0135093	chr5	23293701	23294107	+	0.050766
Rint1	MmulNT0135094	chr5	23316853	23317527	+	0.020734
Rint1	MmulNT0135095	chr5	23317728	23321469	+	0.028384
Rint1	MmulNT0135096	chr5	23321685	23322556	+	0.057617
Rint1	MmulNT0135097	chr5	23322738	23322852	+	0.020775
Rint1	MmulNT0135098	chr5	23322972	23325205	+	0.017797
Rint1	MmulNT0135099	chr5	23294154	23300120	+	0.082945
Rint1	MmulNT0135100	chr5	23300306	23306412	+	0.032278
Rint1	MmulNT0135101	chr5	23306655	23311127	+	0.048761
Rint1	MmulNT0135102	chr5	23311302	23311388	+	0.070454
Rint1	MmulNT0135103	chr5	23311539	23312856	+	0.07871
Rint1	MmulNT0135104	chr5	23313014	23315601	+	0.023639
Rint1	MmulNT0135105	chr5	23315713	23315786	+	0.09428
Rint1	MmulNT0135106	chr5	23316013	23316714	+	0.023058
Riok1	MmulNT0135107	chr13	38129401	38131941	+	0.033228
Riok1	MmulNT0135108	chr13	38142815	38144137	+	0.038572
Riok1	MmulNT0135109	chr13	38144242	38144746	+	0.055255
Riok1	MmulNT0135110	chr13	38144854	38148030	+	0.024006
Riok1	MmulNT0135111	chr13	38148097	38149005	+	0.034616
Riok1	MmulNT0135112	chr13	38149126	38150556	+	0.040705
Riok1	MmulNT0135113	chr13	38150611	38151808	+	0.090317
Riok1	MmulNT0135114	chr13	38151962	38152623	+	0.019685
Riok1	MmulNT0135115	chr13	38132144	38134919	+	0.027331
Riok1	MmulNT0135116	chr13	38135011	38135777	+	0.039522
Riok1	MmulNT0135117	chr13	38135848	38137141	+	0.083121
Riok1	MmulNT0135118	chr13	38137185	38139113	+	0.084379
Riok1	MmulNT0135119	chr13	38139207	38140748	+	0.06075
Riok1	MmulNT0135120	chr13	38140862	38140944	+	0.04599
Riok1	MmulNT0135121	chr13	38141026	38142092	+	0.051181
Riok1	MmulNT0135122	chr13	38142180	38142676	+	0.0486
Riok2	MmulNT0135123	chr17	17511635	17514682	+	0.02158
Riok2	MmulNT0135124	chr17	17514822	17515446	+	0.008073
Riok2	MmulNT0135125	chr17	17515564	17517775	+	0.022012
Riok2	MmulNT0135126	chr17	17517952	17520249	+	0.010167
Riok2	MmulNT0135127	chr17	17520339	17521847	+	0.011997
Riok2	MmulNT0135128	chr17	17522040	17522544	+	0.01098
Riok2	MmulNT0135129	chr17	17522638	17524027	+	0.008618
Riok2	MmulNT0135130	chr17	17524538	17526931	+	0.021785
Riok2	MmulNT0135131	chr17	17527029	17530418	+	0.057018
Riok3	MmulNT0135132	chr18	12287483	12294360	+	0.004485
Riok3	MmulNT0135133	chr18	12311389	12311479	+	0.005042
Riok3	MmulNT0135134	chr18	12311570	12312421	+	0.003387
Riok3	MmulNT0135135	chr18	12312530	12313728	+	0.004415
Riok3	MmulNT0135136	chr18	12294477	12295201	+	0.018596
Riok3	MmulNT0135137	chr18	12295348	12295436	+	0.006835
Riok3	MmulNT0135138	chr18	12295545	12295748	+	0.007875
Riok3	MmulNT0135139	chr18	12295859	12297825	+	0.003414

Riok3	MmuINT0135140	chr18	12297970	12301444	+	0.038944
Riok3	MmuINT0135141	chr18	12301573	12307299	+	0.067952
Riok3	MmuINT0135142	chr18	12307498	12308027	+	0.082316
Riok3	MmuINT0135143	chr18	12308188	12311307	+	0.003758
Ripk1	MmuINT0135145	chr13	34122050	34124364	+	0.177324
Ripk1	MmuINT0135146	chr13	34101690	34102413	+	0.03924
Ripk1	MmuINT0135147	chr13	34102571	34105118	+	0.053182
Ripk1	MmuINT0135148	chr13	34105257	34106994	+	0.053249
Ripk1	MmuINT0135149	chr13	34107227	34108865	+	0.029425
Ripk1	MmuINT0135150	chr13	34109016	34113249	+	0.06124
Ripk1	MmuINT0135151	chr13	34113327	34118610	+	0.056293
Ripk1	MmuINT0135152	chr13	34118702	34119586	+	0.061074
Ripk1	MmuINT0135153	chr13	34120121	34121908	+	0.122314
Ripk2	MmuINT0135155	chr4	16051039	16051571	-	0.027934
Ripk2	MmuINT0135156	chr4	16082338	16085423	-	0.077112
Ripk2	MmuINT0135157	chr4	16079222	16082181	-	0.040357
Ripk2	MmuINT0135158	chr4	16066402	16079063	-	0.046687
Ripk2	MmuINT0135159	chr4	16065383	16066351	-	0.039467
Ripk2	MmuINT0135162	chr4	16054862	16056169	-	0.099586
Ripk2	MmuINT0135163	chr4	16051734	16054767	-	0.059874
Ripk3	MmuINT0135165	chr14	56406277	56406660	-	0.281511
Ripk3	MmuINT0135166	chr14	56405998	56406118	-	0.365076
Ripk3	MmuINT0135167	chr14	56405762	56405950	-	0.569887
Ripk3	MmuINT0135168	chr14	56405488	56405593	-	0.318041
Ripk3	MmuINT0135170	chr14	56404757	56404862	-	0.090894
Ripk3	MmuINT0135171	chr14	56404189	56404698	-	0.158028
Ripply3	MmuINT0135187	chr16	94554931	94557333	+	0.045261
Rit1	MmuINT0135188	chr3	88520880	88521247	+	0.014484
Rit1	MmuINT0135189	chr3	88521581	88529916	+	0.007035
Rit1	MmuINT0135190	chr3	88529991	88530201	+	0.004203
Rit1	MmuINT0135191	chr3	88530394	88533033	+	0.002261
Rlf	MmuINT0135204	chr4	1.21E+08	1.21E+08	-	0.052497
Rlf	MmuINT0135205	chr4	1.21E+08	1.21E+08	-	0.041814
Rlf	MmuINT0135206	chr4	1.21E+08	1.21E+08	-	0.017291
Rlf	MmuINT0135207	chr4	1.21E+08	1.21E+08	-	0.02686
Rlf	MmuINT0135208	chr4	1.21E+08	1.21E+08	-	0.073827
Rlim	MmuINT0135209	chrX	1.01E+08	1.01E+08	-	0.055779
Rlim	MmuINT0135210	chrX	1.01E+08	1.01E+08	-	0.051195
Rlim	MmuINT0135211	chrX	1.01E+08	1.01E+08	-	0.031866
Rlim	MmuINT0135212	chrX	1.01E+08	1.01E+08	-	0.031007
Rmi1	MmuINT0135234	chr13	58503879	58508362	+	0.441752
Rmnd1	MmuINT0135236	chr10	5914276	5917369	+	0.031647
Rmnd1	MmuINT0135240	chr10	5917465	5918849	+	0.212495
Rmnd5a	MmuINT0135248	chr6	71379155	71389991	-	0.00504
Rmnd5a	MmuINT0135249	chr6	71364914	71379011	-	0.004284
Rmnd5a	MmuINT0135250	chr6	71363345	71364778	-	0.005136
Rmnd5a	MmuINT0135251	chr6	71349288	71363243	-	0.005397
Rmnd5a	MmuINT0135252	chr6	71348521	71349120	-	0.003218
Rmnd5a	MmuINT0135253	chr6	71346949	71348354	-	0.020266
Rmnd5a	MmuINT0135254	chr6	71344774	71346845	-	0.004991

Rmnd5a	MmuINT0135255	chr6	71343183	71344618	-	0.003831
Rmnd5b	MmuINT0135256	chr11	51443164	51449091	-	0.030309
Rmnd5b	MmuINT0135257	chr11	51441528	51442977	-	0.050945
Rmnd5b	MmuINT0135258	chr11	51441265	51441381	-	0.035481
Rmnd5b	MmuINT0135259	chr11	51440602	51441123	-	0.054265
Rmnd5b	MmuINT0135260	chr11	51440405	51440500	-	0.058914
Rmnd5b	MmuINT0135261	chr11	51439337	51440237	-	0.074137
Rmnd5b	MmuINT0135262	chr11	51438080	51439170	-	0.086131
Rmnd5b	MmuINT0135263	chr11	51437886	51437976	-	0.047977
Rmnd5b	MmuINT0135264	chr11	51437649	51437730	-	0.045926
Rnaseh1	MmuINT0135284	chr12	29334682	29336889	+	0.029681
Rnaseh1	MmuINT0135285	chr12	29337006	29337927	+	0.020067
Rnaseh1	MmuINT0135286	chr12	29338090	29340449	+	0.094385
Rnaseh1	MmuINT0135287	chr12	29340550	29342136	+	0.10787
Rnaseh1	MmuINT0135288	chr12	29342192	29342497	+	0.187006
Rnaseh1	MmuINT0135289	chr12	29342583	29343035	+	0.168925
Rnaseh1	MmuINT0135290	chr12	29343161	29343857	+	0.081168
Rnaseh2a	MmuINT0135292	chr8	87489343	87489469	-	0.013512
Rnaseh2a	MmuINT0135294	chr8	87484004	87489029	-	0.002737
Rnaseh2a	MmuINT0135295	chr8	87483763	87483865	-	0.014153
Rnaseh2a	MmuINT0135297	chr8	87481764	87481864	-	0.073344
Rnaseh2b	MmuINT0135298	chr14	62951014	62965404	+	0.030763
Rnaseh2b	MmuINT0135299	chr14	62989390	62991196	+	0.029002
Rnaseh2b	MmuINT0135300	chr14	62965480	62967357	+	0.027582
Rnaseh2b	MmuINT0135301	chr14	62967466	62969236	+	0.019112
Rnaseh2b	MmuINT0135302	chr14	62969314	62972359	+	0.014202
Rnaseh2b	MmuINT0135303	chr14	62972475	62979299	+	0.020059
Rnaseh2b	MmuINT0135304	chr14	62979365	62980165	+	0.042052
Rnaseh2b	MmuINT0135305	chr14	62980272	62982866	+	0.016979
Rnaseh2b	MmuINT0135306	chr14	62982949	62984095	+	0.015369
Rnaseh2b	MmuINT0135307	chr14	62984139	62989308	+	0.026221
Rnaseh2c	MmuINT0135308	chr19	5602081	5602192	+	0.007967
Rnaseh2c	MmuINT0135309	chr19	5602375	5602449	+	0.041006
Rnaseh2c	MmuINT0135310	chr19	5602570	5602823	+	0.09493
Rnasek	MmuINT0135311	chr11	70052517	70053157	-	0.01822
Rnasek	MmuINT0135312	chr11	70051973	70052439	-	0.002867
Rnasel	MmuINT0135319	chr1	1.56E+08	1.56E+08	+	0.142285
Rnd1	MmuINT0135365	chr15	98503077	98504276	-	0.051577
Rnd2	MmuINT0135369	chr11	1.01E+08	1.01E+08	+	0.014611
Rnd2	MmuINT0135370	chr11	1.01E+08	1.01E+08	+	0.030802
Rnd3	MmuINT0135371	chr2	51003832	51004244	-	0.053463
Rnd3	MmuINT0135372	chr2	50992766	51003743	-	0.020424
Rnd3	MmuINT0135373	chr2	50989738	50992655	-	0.047192
Rnd3	MmuINT0135374	chr2	50988066	50989602	-	0.01557
Rnf10	MmuINT0135375	chr5	1.16E+08	1.16E+08	-	0.001224
Rnf10	MmuINT0135376	chr5	1.16E+08	1.16E+08	-	0.009116
Rnf10	MmuINT0135377	chr5	1.16E+08	1.16E+08	-	0.001921
Rnf10	MmuINT0135378	chr5	1.16E+08	1.16E+08	-	0.003688
Rnf10	MmuINT0135379	chr5	1.16E+08	1.16E+08	-	0.003254
Rnf10	MmuINT0135380	chr5	1.16E+08	1.16E+08	-	0.00535

Rnf10	MmuINT0135381	chr5	1.16E+08	1.16E+08	-	0.001016
Rnf10	MmuINT0135382	chr5	1.16E+08	1.16E+08	-	0.001134
Rnf10	MmuINT0135383	chr5	1.16E+08	1.16E+08	-	0.001157
Rnf10	MmuINT0135384	chr5	1.16E+08	1.16E+08	-	0.00257
Rnf10	MmuINT0135385	chr5	1.16E+08	1.16E+08	-	0.000752
Rnf10	MmuINT0135386	chr5	1.16E+08	1.16E+08	-	0.004573
Rnf10	MmuINT0135387	chr5	1.16E+08	1.16E+08	-	0.000426
Rnf10	MmuINT0135388	chr5	1.16E+08	1.16E+08	-	0.001491
Rnf10	MmuINT0135389	chr5	1.16E+08	1.16E+08	-	0.002044
Rnf10	MmuINT0135390	chr5	1.16E+08	1.16E+08	-	0.006219
Rnf103	MmuINT0135391	chr6	71444883	71446824	+	0.010724
Rnf103	MmuINT0135392	chr6	71446965	71455727	+	0.009214
Rnf103	MmuINT0135393	chr6	71455844	71458862	+	0.014822
Rnf11	MmuINT0135394	chr4	1.09E+08	1.09E+08	-	0.001855
Rnf11	MmuINT0135395	chr4	1.09E+08	1.09E+08	-	0.002216
Rnf111	MmuINT0135398	chr9	70279837	70288561	-	0.003236
Rnf111	MmuINT0135400	chr9	70277487	70278737	-	0.153553
Rnf111	MmuINT0135401	chr9	70274915	70277358	-	0.001125
Rnf111	MmuINT0135402	chr9	70324476	70350746	-	0.005296
Rnf111	MmuINT0135403	chr9	70317289	70323582	-	0.016736
Rnf111	MmuINT0135404	chr9	70306961	70317161	-	0.017508
Rnf111	MmuINT0135406	chr9	70301625	70305630	-	0.08873
Rnf111	MmuINT0135408	chr9	70291558	70298092	-	0.006725
Rnf111	MmuINT0135409	chr9	70290205	70291208	-	0.086758
Rnf114	MmuINT0135426	chr2	1.67E+08	1.67E+08	+	0.032254
Rnf114	MmuINT0135427	chr2	1.67E+08	1.67E+08	+	0.125302
Rnf114	MmuINT0135428	chr2	1.67E+08	1.67E+08	+	0.014478
Rnf114	MmuINT0135429	chr2	1.67E+08	1.67E+08	+	0.006519
Rnf114	MmuINT0135430	chr2	1.67E+08	1.67E+08	+	0.015525
Rnf115	MmuINT0135431	chr3	96531834	96558257	+	0.025781
Rnf115	MmuINT0135432	chr3	96558317	96561899	+	0.075587
Rnf115	MmuINT0135433	chr3	96561958	96579552	+	0.009483
Rnf115	MmuINT0135434	chr3	96579765	96587570	+	0.013049
Rnf115	MmuINT0135435	chr3	96587643	96588915	+	0.014961
Rnf115	MmuINT0135436	chr3	96588989	96589853	+	0.016995
Rnf115	MmuINT0135437	chr3	96589948	96592492	+	0.011692
Rnf115	MmuINT0135438	chr3	96592609	96593797	+	0.010316
Rnf121	MmuINT0135439	chr7	1.09E+08	1.09E+08	-	0.045777
Rnf121	MmuINT0135440	chr7	1.09E+08	1.09E+08	-	0.023004
Rnf121	MmuINT0135441	chr7	1.09E+08	1.09E+08	-	0.012353
Rnf121	MmuINT0135442	chr7	1.09E+08	1.09E+08	-	0.019723
Rnf121	MmuINT0135443	chr7	1.09E+08	1.09E+08	-	0.017271
Rnf121	MmuINT0135444	chr7	1.09E+08	1.09E+08	-	0.014564
Rnf121	MmuINT0135445	chr7	1.09E+08	1.09E+08	-	0.021192
Rnf121	MmuINT0135446	chr7	1.09E+08	1.09E+08	-	0.033861
Rnf122	MmuINT0135447	chr8	32222645	32228902	+	0.089729
Rnf122	MmuINT0135448	chr8	32229060	32235323	+	0.037128
Rnf122	MmuINT0135449	chr8	32235370	32235637	+	0.051753
Rnf122	MmuINT0135451	chr8	32238807	32239050	+	0.028643
Rnf123	MmuINT0135452	chr9	1.08E+08	1.08E+08	-	0.006055

Rnf123	MmuINT0135453	chr9	1.08E+08	1.08E+08	-	0.010127
Rnf123	MmuINT0135454	chr9	1.08E+08	1.08E+08	-	0.005064
Rnf123	MmuINT0135455	chr9	1.08E+08	1.08E+08	-	0.008404
Rnf123	MmuINT0135456	chr9	1.08E+08	1.08E+08	-	0.010311
Rnf123	MmuINT0135457	chr9	1.08E+08	1.08E+08	-	0.011099
Rnf123	MmuINT0135458	chr9	1.08E+08	1.08E+08	-	0.008014
Rnf123	MmuINT0135459	chr9	1.08E+08	1.08E+08	-	0.007035
Rnf123	MmuINT0135460	chr9	1.08E+08	1.08E+08	-	0.007156
Rnf123	MmuINT0135461	chr9	1.08E+08	1.08E+08	-	0.008441
Rnf123	MmuINT0135462	chr9	1.08E+08	1.08E+08	-	0.004653
Rnf123	MmuINT0135463	chr9	1.08E+08	1.08E+08	-	0.018064
Rnf123	MmuINT0135464	chr9	1.08E+08	1.08E+08	-	0.003668
Rnf123	MmuINT0135465	chr9	1.08E+08	1.08E+08	-	0.074853
Rnf123	MmuINT0135466	chr9	1.08E+08	1.08E+08	-	0.008545
Rnf123	MmuINT0135467	chr9	1.08E+08	1.08E+08	-	0.005077
Rnf123	MmuINT0135468	chr9	1.08E+08	1.08E+08	-	0.004326
Rnf123	MmuINT0135469	chr9	1.08E+08	1.08E+08	-	0.003181
Rnf123	MmuINT0135470	chr9	1.08E+08	1.08E+08	-	0.003651
Rnf123	MmuINT0135471	chr9	1.08E+08	1.08E+08	-	0.006315
Rnf123	MmuINT0135472	chr9	1.08E+08	1.08E+08	-	0.005367
Rnf123	MmuINT0135473	chr9	1.08E+08	1.08E+08	-	0.004692
Rnf123	MmuINT0135474	chr9	1.08E+08	1.08E+08	-	0.007114
Rnf123	MmuINT0135475	chr9	1.08E+08	1.08E+08	-	0.049709
Rnf123	MmuINT0135476	chr9	1.08E+08	1.08E+08	-	0.006446
Rnf123	MmuINT0135477	chr9	1.08E+08	1.08E+08	-	0.018553
Rnf123	MmuINT0135478	chr9	1.08E+08	1.08E+08	-	0.006139
Rnf123	MmuINT0135479	chr9	1.08E+08	1.08E+08	-	0.061062
Rnf123	MmuINT0135480	chr9	1.08E+08	1.08E+08	-	0.055292
Rnf123	MmuINT0135481	chr9	1.08E+08	1.08E+08	-	0.033129
Rnf123	MmuINT0135482	chr9	1.08E+08	1.08E+08	-	0.040438
Rnf123	MmuINT0135483	chr9	1.08E+08	1.08E+08	-	0.011797
Rnf123	MmuINT0135484	chr9	1.08E+08	1.08E+08	-	0.008533
Rnf123	MmuINT0135485	chr9	1.08E+08	1.08E+08	-	0.004632
Rnf123	MmuINT0135486	chr9	1.08E+08	1.08E+08	-	0.007627
Rnf123	MmuINT0135487	chr9	1.08E+08	1.08E+08	-	0.006041
Rnf123	MmuINT0135488	chr9	1.08E+08	1.08E+08	-	0.007555
Rnf125	MmuINT0135490	chr18	21132957	21136229	+	0.054223
Rnf126	MmuINT0135494	chr10	79225451	79229497	-	0.056967
Rnf126	MmuINT0135495	chr10	79225291	79225391	-	0.014368
Rnf126	MmuINT0135496	chr10	79225075	79225226	-	0.006718
Rnf126	MmuINT0135497	chr10	79224379	79224829	-	0.021477
Rnf126	MmuINT0135498	chr10	79224245	79224309	-	0.167591
Rnf126	MmuINT0135499	chr10	79223828	79224174	-	0.077293
Rnf126	MmuINT0135500	chr10	79223652	79223733	-	0.012927
Rnf126	MmuINT0135501	chr10	79221982	79223535	-	0.085436
Rnf128	MmuINT0135503	chrX	1.36E+08	1.36E+08	+	0.002227
Rnf128	MmuINT0135504	chrX	1.36E+08	1.36E+08	+	0.002864
Rnf128	MmuINT0135505	chrX	1.36E+08	1.36E+08	+	0.003478
Rnf128	MmuINT0135506	chrX	1.36E+08	1.36E+08	+	0.009625
Rnf128	MmuINT0135507	chrX	1.36E+08	1.36E+08	+	0.012779



Rnf128	MmuINT0135508	chrX	1.36E+08	1.36E+08	+	0.009087
Rnf13	MmuINT0135509	chr3	57540123	57568178	+	0.002611
Rnf13	MmuINT0135510	chr3	57568305	57572961	+	0.004903
Rnf13	MmuINT0135511	chr3	57573043	57583304	+	0.004028
Rnf13	MmuINT0135512	chr3	57583431	57600119	+	0.002294
Rnf13	MmuINT0135513	chr3	57600208	57606368	+	0.011482
Rnf13	MmuINT0135514	chr3	57606460	57610943	+	0.003976
Rnf13	MmuINT0135515	chr3	57611050	57624428	+	0.002521
Rnf130	MmuINT0135516	chr11	49839150	49866277	+	0.003737
Rnf130	MmuINT0135517	chr11	49866473	49884672	+	0.003652
Rnf130	MmuINT0135518	chr11	49884924	49899242	+	0.003346
Rnf130	MmuINT0135519	chr11	49899315	49900880	+	0.006582
Rnf130	MmuINT0135520	chr11	49900964	49907224	+	0.006738
Rnf130	MmuINT0135521	chr11	49907322	49909277	+	0.005646
Rnf130	MmuINT0135522	chr11	49909483	49912747	+	0.019274
Rnf130	MmuINT0135523	chr11	49912842	49918050	+	0.013896
Rnf135	MmuINT0135525	chr11	79997758	80002725	+	0.114284
Rnf135	MmuINT0135527	chr11	80007551	80010374	+	0.096732
Rnf135	MmuINT0135528	chr11	80010450	80012062	+	0.036536
Rnf138	MmuINT0135529	chr18	21160042	21160457	+	0.236385
Rnf138	MmuINT0135530	chr18	21160671	21167225	+	0.029132
Rnf138	MmuINT0135531	chr18	21167392	21169177	+	0.031687
Rnf138	MmuINT0135532	chr18	21169294	21176319	+	0.039395
Rnf138	MmuINT0135533	chr18	21176377	21179388	+	0.034393
Rnf138	MmuINT0135534	chr18	21179501	21184586	+	0.05708
Rnf139	MmuINT0135537	chr15	58721050	58729863	+	0.01309
Rnf14	MmuINT0135538	chr18	38456860	38457153	+	0.833568
Rnf14	MmuINT0135541	chr18	38456453	38459407	+	0.034624
Rnf14	MmuINT0135542	chr18	38459581	38460082	+	0.018534
Rnf14	MmuINT0135543	chr18	38460245	38461309	+	0.006494
Rnf14	MmuINT0135544	chr18	38461462	38467518	+	0.016762
Rnf14	MmuINT0135545	chr18	38468050	38469138	+	0.002798
Rnf14	MmuINT0135546	chr18	38469368	38472865	+	0.01642
Rnf14	MmuINT0135547	chr18	38473039	38474326	+	0.002976
Rnf14	MmuINT0135548	chr18	38474458	38476178	+	0.003049
Rnf141	MmuINT0135549	chr7	1.18E+08	1.18E+08	-	0.011611
Rnf141	MmuINT0135551	chr7	1.18E+08	1.18E+08	-	0.005868
Rnf144a	MmuINT0135557	chr12	27024317	27074258	-	0.032412
Rnf144a	MmuINT0135558	chr12	27012473	27024170	-	0.043632
Rnf144a	MmuINT0135559	chr12	27012204	27012367	-	0.038637
Rnf144a	MmuINT0135561	chr12	27002662	27005816	-	0.048064
Rnf144a	MmuINT0135562	chr12	26998975	27002513	-	0.057968
Rnf144b	MmuINT0135566	chr13	47302920	47315862	+	0.012343
Rnf144b	MmuINT0135568	chr13	47324370	47332771	+	0.02966
Rnf144b	MmuINT0135569	chr13	47332971	47335085	+	0.01429
Rnf144b	MmuINT0135570	chr13	47335231	47338232	+	0.09239
Rnf144b	MmuINT0135571	chr13	47338323	47339729	+	0.047683
Rnf145	MmuINT0135573	chr11	44338646	44344777	+	0.043141
Rnf145	MmuINT0135574	chr11	44344887	44356130	+	0.055108
Rnf145	MmuINT0135575	chr11	44356223	44362265	+	0.031587

Rnf145	MmuINT0135577	chr11	44375324	44377421	+	0.055016
Rnf145	MmuINT0135578	chr11	44368781	44370757	+	0.068351
Rnf145	MmuINT0135579	chr11	44370941	44373473	+	0.072171
Rnf145	MmuINT0135580	chr11	44373622	44374966	+	0.019728
Rnf146	MmuINT0135581	chr10	29074254	29081769	-	0.04032
Rnf146	MmuINT0135582	chr10	29067690	29074097	-	0.02895
Rnf149	MmuINT0135585	chr1	39622178	39633671	-	0.030472
Rnf149	MmuINT0135586	chr1	39620962	39621926	-	0.026482
Rnf149	MmuINT0135587	chr1	39617621	39620892	-	0.033335
Rnf149	MmuINT0135588	chr1	39615257	39617537	-	0.063597
Rnf149	MmuINT0135589	chr1	39612516	39615159	-	0.078243
Rnf149	MmuINT0135590	chr1	39609361	39612322	-	0.059223
Rnf150	MmuINT0135591	chr8	85388390	85514245	+	0.017549
Rnf150	MmuINT0135592	chr8	85514497	85527473	+	0.016639
Rnf150	MmuINT0135593	chr8	85527546	85530228	+	0.021341
Rnf150	MmuINT0135594	chr8	85530312	85559923	+	0.018564
Rnf150	MmuINT0135595	chr8	85560021	85566470	+	0.011193
Rnf150	MmuINT0135596	chr8	85566682	85607334	+	0.011019
Rnf157	MmuINT0135604	chr11	1.16E+08	1.16E+08	-	0.051084
Rnf157	MmuINT0135605	chr11	1.16E+08	1.16E+08	-	0.058778
Rnf157	MmuINT0135606	chr11	1.16E+08	1.16E+08	-	0.050298
Rnf157	MmuINT0135607	chr11	1.16E+08	1.16E+08	-	0.056581
Rnf157	MmuINT0135608	chr11	1.16E+08	1.16E+08	-	0.066021
Rnf157	MmuINT0135610	chr11	1.16E+08	1.16E+08	-	0.061984
Rnf157	MmuINT0135612	chr11	1.16E+08	1.16E+08	-	0.084837
Rnf157	MmuINT0135613	chr11	1.16E+08	1.16E+08	-	0.062438
Rnf157	MmuINT0135614	chr11	1.16E+08	1.16E+08	-	0.048046
Rnf157	MmuINT0135615	chr11	1.16E+08	1.16E+08	-	0.034568
Rnf157	MmuINT0135616	chr11	1.16E+08	1.16E+08	-	0.041679
Rnf166	MmuINT0135628	chr8	1.25E+08	1.25E+08	-	0.060628
Rnf166	MmuINT0135629	chr8	1.25E+08	1.25E+08	-	0.022161
Rnf166	MmuINT0135630	chr8	1.25E+08	1.25E+08	-	0.011823
Rnf166	MmuINT0135631	chr8	1.25E+08	1.25E+08	-	0.010763
Rnf166	MmuINT0135632	chr8	1.25E+08	1.25E+08	-	0.042433
Rnf167	MmuINT0135633	chr11	70461455	70461530	+	0.028277
Rnf167	MmuINT0135634	chr11	70461612	70462722	+	0.053776
Rnf167	MmuINT0135635	chr11	70462849	70462946	+	0.023418
Rnf167	MmuINT0135636	chr11	70463035	70463176	+	0.013424
Rnf167	MmuINT0135637	chr11	70463268	70463413	+	0.065285
Rnf167	MmuINT0135638	chr11	70463520	70463627	+	0.01811
Rnf167	MmuINT0135639	chr11	70463722	70464265	+	0.008867
Rnf167	MmuINT0135640	chr11	70464347	70464423	+	0.057474
Rnf168	MmuINT0135641	chr16	32278502	32282396	+	0.01803
Rnf168	MmuINT0135642	chr16	32282474	32285455	+	0.019554
Rnf168	MmuINT0135643	chr16	32285636	32289204	+	0.014795
Rnf168	MmuINT0135644	chr16	32289327	32291988	+	0.022133
Rnf168	MmuINT0135645	chr16	32292068	32298473	+	0.018952
Rnf169	MmuINT0135647	chr7	1.07E+08	1.07E+08	-	0.071706
Rnf169	MmuINT0135648	chr7	1.07E+08	1.07E+08	-	0.065111
Rnf169	MmuINT0135649	chr7	1.07E+08	1.07E+08	-	0.03568

Rnf169	MmuINT0135650	chr7	1.07E+08	1.07E+08	-	0.032275
Rnf181	MmuINT0135701	chr6	72311534	72312234	-	0.059437
Rnf181	MmuINT0135702	chr6	72311221	72311405	-	0.014044
Rnf181	MmuINT0135703	chr6	72310944	72311110	-	0.019825
Rnf181	MmuINT0135704	chr6	72310637	72310868	-	0.009824
Rnf185	MmuINT0135710	chr11	3328906	3332402	-	0.01861
Rnf185	MmuINT0135711	chr11	3326682	3328886	-	0.010558
Rnf185	MmuINT0135712	chr11	3325340	3326568	-	0.021913
Rnf185	MmuINT0135713	chr11	3319983	3325284	-	0.018568
Rnf185	MmuINT0135714	chr11	3318091	3319864	-	0.011506
Rnf187	MmuINT0135715	chr11	58750735	58751896	-	0.002949
Rnf187	MmuINT0135716	chr11	58747734	58750641	-	0.00455
Rnf187	MmuINT0135717	chr11	58746899	58747508	-	0.014774
Rnf19a	MmuINT0135718	chr15	36195787	36212666	-	0.479313
Rnf19a	MmuINT0135720	chr15	36184283	36189769	-	0.015708
Rnf19a	MmuINT0135721	chr15	36182919	36184137	-	0.030924
Rnf19a	MmuINT0135722	chr15	36177621	36182755	-	0.017326
Rnf19a	MmuINT0135723	chr15	36177039	36177505	-	0.015817
Rnf19a	MmuINT0135724	chr15	36175385	36176876	-	0.027156
Rnf19a	MmuINT0135725	chr15	36173986	36175170	-	0.031116
Rnf19a	MmuINT0135726	chr15	36171821	36173841	-	0.05659
Rnf19b	MmuINT0135727	chr4	1.29E+08	1.29E+08	+	0.008998
Rnf19b	MmuINT0135728	chr4	1.29E+08	1.29E+08	+	0.017632
Rnf19b	MmuINT0135729	chr4	1.29E+08	1.29E+08	+	0.006209
Rnf19b	MmuINT0135730	chr4	1.29E+08	1.29E+08	+	0.006957
Rnf19b	MmuINT0135731	chr4	1.29E+08	1.29E+08	+	0.01801
Rnf19b	MmuINT0135732	chr4	1.29E+08	1.29E+08	+	0.01192
Rnf19b	MmuINT0135733	chr4	1.29E+08	1.29E+08	+	0.013663
Rnf19b	MmuINT0135734	chr4	1.29E+08	1.29E+08	+	0.015441
Rnf2	MmuINT0135736	chr1	1.53E+08	1.53E+08	-	0.022121
Rnf2	MmuINT0135737	chr1	1.53E+08	1.53E+08	-	0.018084
Rnf2	MmuINT0135738	chr1	1.53E+08	1.53E+08	-	0.0275
Rnf2	MmuINT0135739	chr1	1.53E+08	1.53E+08	-	0.049034
Rnf2	MmuINT0135740	chr1	1.53E+08	1.53E+08	-	0.016733
Rnf20	MmuINT0135741	chr4	49661338	49662141	+	0.008219
Rnf20	MmuINT0135742	chr4	49662278	49662597	+	0.006686
Rnf20	MmuINT0135743	chr4	49662720	49662834	+	0.012278
Rnf20	MmuINT0135744	chr4	49663200	49664302	+	0.042335
Rnf20	MmuINT0135745	chr4	49664421	49665393	+	0.015701
Rnf20	MmuINT0135746	chr4	49665544	49665936	+	0.018652
Rnf20	MmuINT0135747	chr4	49666150	49667062	+	0.024211
Rnf20	MmuINT0135748	chr4	49667189	49667318	+	0.033066
Rnf20	MmuINT0135749	chr4	49667460	49668282	+	0.034273
Rnf20	MmuINT0135750	chr4	49668385	49668672	+	0.010623
Rnf20	MmuINT0135751	chr4	49646283	49650777	+	0.013367
Rnf20	MmuINT0135752	chr4	49650946	49651058	+	0.00631
Rnf20	MmuINT0135753	chr4	49651207	49651496	+	0.010798
Rnf20	MmuINT0135754	chr4	49651680	49654937	+	0.060712
Rnf20	MmuINT0135755	chr4	49655057	49657355	+	0.072547
Rnf20	MmuINT0135756	chr4	49657503	49658490	+	0.008035

Rnf20	MmuINT0135757	chr4	49658569	49658757	+	0.011003
Rnf20	MmuINT0135758	chr4	49658878	49661157	+	0.007907
Rnf20	MmuINT0135759	chr4	49645084	49645236	+	0.213831
Rnf207	MmuINT0135760	chr4	1.52E+08	1.52E+08	-	0.432021
Rnf207	MmuINT0135761	chr4	1.52E+08	1.52E+08	-	0.051844
Rnf207	MmuINT0135762	chr4	1.52E+08	1.52E+08	-	0.120236
Rnf207	MmuINT0135763	chr4	1.52E+08	1.52E+08	-	0.039612
Rnf207	MmuINT0135764	chr4	1.52E+08	1.52E+08	-	0.025375
Rnf207	MmuINT0135765	chr4	1.52E+08	1.52E+08	-	0.231668
Rnf207	MmuINT0135766	chr4	1.52E+08	1.52E+08	-	0.007226
Rnf207	MmuINT0135767	chr4	1.52E+08	1.52E+08	-	0.022194
Rnf207	MmuINT0135768	chr4	1.52E+08	1.52E+08	-	0.392176
Rnf207	MmuINT0135769	chr4	1.52E+08	1.52E+08	-	0.292463
Rnf207	MmuINT0135771	chr4	1.52E+08	1.52E+08	-	0.361742
Rnf207	MmuINT0135772	chr4	1.52E+08	1.52E+08	-	0.003795
Rnf207	MmuINT0135773	chr4	1.52E+08	1.52E+08	-	0.553134
Rnf207	MmuINT0135774	chr4	1.52E+08	1.52E+08	-	0.102665
Rnf207	MmuINT0135775	chr4	1.52E+08	1.52E+08	-	0.219308
Rnf214	MmuINT0135776	chr9	45713003	45714434	-	0.060389
Rnf214	MmuINT0135777	chr9	45676199	45677261	-	0.036364
Rnf214	MmuINT0135778	chr9	45675716	45675821	-	0.017997
Rnf214	MmuINT0135779	chr9	45674745	45675582	-	0.13981
Rnf214	MmuINT0135780	chr9	45673082	45674648	-	0.027372
Rnf214	MmuINT0135781	chr9	45708340	45712888	-	0.027854
Rnf214	MmuINT0135782	chr9	45706575	45707828	-	0.023737
Rnf214	MmuINT0135783	chr9	45704309	45706514	-	0.010076
Rnf214	MmuINT0135784	chr9	45699027	45704167	-	0.011788
Rnf214	MmuINT0135785	chr9	45680051	45698886	-	0.00969
Rnf214	MmuINT0135786	chr9	45679718	45679953	-	0.021369
Rnf214	MmuINT0135787	chr9	45677628	45679628	-	0.016001
Rnf214	MmuINT0135788	chr9	45677361	45677536	-	0.031349
Rnf215	MmuINT0135789	chr11	4035567	4035816	+	0.105423
Rnf215	MmuINT0135790	chr11	4035961	4036562	+	0.143423
Rnf215	MmuINT0135791	chr11	4036635	4036714	+	0.103194
Rnf215	MmuINT0135792	chr11	4036801	4037214	+	0.417383
Rnf215	MmuINT0135793	chr11	4037372	4039741	+	0.168038
Rnf215	MmuINT0135794	chr11	4039862	4039937	+	0.242755
Rnf215	MmuINT0135795	chr11	4040082	4040300	+	0.104175
Rnf215	MmuINT0135796	chr11	4040404	4040489	+	0.141911
Rnf216	MmuINT0135797	chr5	1.44E+08	1.44E+08	-	0.036239
Rnf216	MmuINT0135798	chr5	1.44E+08	1.44E+08	-	0.013814
Rnf216	MmuINT0135799	chr5	1.44E+08	1.44E+08	-	0.017737
Rnf216	MmuINT0135800	chr5	1.44E+08	1.44E+08	-	0.019084
Rnf216	MmuINT0135801	chr5	1.44E+08	1.44E+08	-	0.025926
Rnf216	MmuINT0135802	chr5	1.44E+08	1.44E+08	-	0.012285
Rnf216	MmuINT0135803	chr5	1.44E+08	1.44E+08	-	0.009467
Rnf216	MmuINT0135804	chr5	1.44E+08	1.44E+08	-	0.030672
Rnf216	MmuINT0135805	chr5	1.44E+08	1.44E+08	-	0.014104
Rnf216	MmuINT0135806	chr5	1.44E+08	1.44E+08	-	0.017161
Rnf216	MmuINT0135807	chr5	1.44E+08	1.44E+08	-	0.017391

Rnf216	MmuINT0135808	chr5	1.44E+08	1.44E+08	-	0.018453
Rnf216	MmuINT0135809	chr5	1.44E+08	1.44E+08	-	0.020437
Rnf216	MmuINT0135810	chr5	1.44E+08	1.44E+08	-	0.014246
Rnf216	MmuINT0135811	chr5	1.44E+08	1.44E+08	-	0.01442
Rnf217	MmuINT0135813	chr10	31254703	31328189	-	0.020829
Rnf217	MmuINT0135814	chr10	31237355	31254468	-	0.012008
Rnf217	MmuINT0135815	chr10	31225781	31237189	-	0.013154
Rnf217	MmuINT0135816	chr10	31223629	31225578	-	0.021393
Rnf217	MmuINT0135817	chr10	31222538	31223556	-	0.017384
Rnf219	MmuINT0135819	chr14	1.05E+08	1.05E+08	-	0.057598
Rnf219	MmuINT0135821	chr14	1.05E+08	1.05E+08	-	0.048287
Rnf220	MmuINT0135824	chr4	1.17E+08	1.17E+08	-	0.016829
Rnf220	MmuINT0135825	chr4	1.17E+08	1.17E+08	-	0.008824
Rnf220	MmuINT0135826	chr4	1.17E+08	1.17E+08	-	0.044629
Rnf220	MmuINT0135827	chr4	1.17E+08	1.17E+08	-	0.020546
Rnf220	MmuINT0135828	chr4	1.17E+08	1.17E+08	-	0.031683
Rnf220	MmuINT0135833	chr4	1.17E+08	1.17E+08	-	0.066887
Rnf220	MmuINT0135834	chr4	1.17E+08	1.17E+08	-	0.160348
Rnf220	MmuINT0135835	chr4	1.17E+08	1.17E+08	-	0.027941
Rnf220	MmuINT0135836	chr4	1.17E+08	1.17E+08	-	0.009672
Rnf25	MmuINT0135844	chr1	74645715	74647898	-	0.335397
Rnf25	MmuINT0135845	chr1	74645367	74645639	-	0.216472
Rnf25	MmuINT0135846	chr1	74645172	74645266	-	0.177861
Rnf25	MmuINT0135847	chr1	74645006	74645103	-	0.04754
Rnf25	MmuINT0135848	chr1	74642512	74644935	-	0.056695
Rnf25	MmuINT0135849	chr1	74642343	74642439	-	0.017716
Rnf25	MmuINT0135850	chr1	74641876	74642204	-	0.11727
Rnf25	MmuINT0135851	chr1	74641269	74641782	-	0.099627
Rnf25	MmuINT0135852	chr1	74640977	74641133	-	0.026152
Rnf31	MmuINT0135853	chr14	56210910	56211005	+	0.057363
Rnf31	MmuINT0135854	chr14	56215365	56215488	+	0.01406
Rnf31	MmuINT0135855	chr14	56215696	56217474	+	0.084955
Rnf31	MmuINT0135856	chr14	56217649	56217740	+	0.018417
Rnf31	MmuINT0135857	chr14	56217840	56217932	+	0.016237
Rnf31	MmuINT0135858	chr14	56218023	56219885	+	0.016211
Rnf31	MmuINT0135859	chr14	56220001	56220115	+	0.013061
Rnf31	MmuINT0135860	chr14	56220235	56220478	+	0.015121
Rnf31	MmuINT0135861	chr14	56220593	56220717	+	0.018272
Rnf31	MmuINT0135862	chr14	56220776	56221439	+	0.032536
Rnf31	MmuINT0135863	chr14	56221537	56222092	+	0.055394
Rnf31	MmuINT0135864	chr14	56211153	56211297	+	0.057416
Rnf31	MmuINT0135865	chr14	56222262	56222368	+	0.015415
Rnf31	MmuINT0135866	chr14	56211454	56211669	+	0.017902
Rnf31	MmuINT0135867	chr14	56211730	56211842	+	0.045758
Rnf31	MmuINT0135868	chr14	56211913	56213131	+	0.021432
Rnf31	MmuINT0135869	chr14	56213310	56213759	+	0.043838
Rnf31	MmuINT0135870	chr14	56214139	56214306	+	0.052958
Rnf31	MmuINT0135871	chr14	56214598	56214843	+	0.036497
Rnf31	MmuINT0135872	chr14	56215093	56215178	+	0.008666
Rnf34	MmuINT0135880	chr5	1.23E+08	1.23E+08	+	0.005636

Rnf34	MmuINT0135881	chr5	1.23E+08	1.23E+08	+	0.004041
Rnf34	MmuINT0135882	chr5	1.23E+08	1.23E+08	+	0.003967
Rnf34	MmuINT0135883	chr5	1.23E+08	1.23E+08	+	0.004762
Rnf34	MmuINT0135884	chr5	1.23E+08	1.23E+08	+	0.016247
Rnf38	MmuINT0135888	chr4	44142529	44144415	-	0.050447
Rnf38	MmuINT0135889	chr4	44162111	44165231	-	0.017359
Rnf38	MmuINT0135890	chr4	44156488	44161896	-	0.014755
Rnf38	MmuINT0135891	chr4	44155338	44156319	-	0.018638
Rnf38	MmuINT0135892	chr4	44151704	44155166	-	0.149862
Rnf38	MmuINT0135893	chr4	44150534	44151541	-	0.029884
Rnf38	MmuINT0135894	chr4	44147847	44150426	-	0.019813
Rnf38	MmuINT0135895	chr4	44146634	44147761	-	0.016705
Rnf38	MmuINT0135896	chr4	44144516	44146511	-	0.021786
Rnf39	MmuINT0135898	chr17	37082142	37082348	+	0.395232
Rnf39	MmuINT0135899	chr17	37082441	37084000	+	0.651961
Rnf4	MmuINT0135900	chr5	34679191	34685170	+	0.023261
Rnf4	MmuINT0135901	chr5	34685329	34689423	+	0.00687
Rnf4	MmuINT0135902	chr5	34689551	34691312	+	0.019596
Rnf4	MmuINT0135904	chr5	34692209	34692560	+	0.008794
Rnf4	MmuINT0135905	chr5	34692721	34693438	+	0.057159
Rnf4	MmuINT0135906	chr5	34693488	34693879	+	0.065558
Rnf40	MmuINT0135907	chr7	1.35E+08	1.35E+08	+	0.014419
Rnf40	MmuINT0135908	chr7	1.35E+08	1.35E+08	+	0.036445
Rnf40	MmuINT0135909	chr7	1.35E+08	1.35E+08	+	0.006395
Rnf40	MmuINT0135910	chr7	1.35E+08	1.35E+08	+	0.064462
Rnf40	MmuINT0135911	chr7	1.35E+08	1.35E+08	+	0.009969
Rnf40	MmuINT0135912	chr7	1.35E+08	1.35E+08	+	0.00505
Rnf40	MmuINT0135913	chr7	1.35E+08	1.35E+08	+	0.01024
Rnf40	MmuINT0135914	chr7	1.35E+08	1.35E+08	+	0.018542
Rnf40	MmuINT0135915	chr7	1.35E+08	1.35E+08	+	0.021208
Rnf40	MmuINT0135916	chr7	1.35E+08	1.35E+08	+	0.017683
Rnf40	MmuINT0135917	chr7	1.35E+08	1.35E+08	+	0.069873
Rnf40	MmuINT0135918	chr7	1.35E+08	1.35E+08	+	0.010033
Rnf40	MmuINT0135919	chr7	1.35E+08	1.35E+08	+	0.006819
Rnf40	MmuINT0135920	chr7	1.35E+08	1.35E+08	+	0.005727
Rnf40	MmuINT0135921	chr7	1.35E+08	1.35E+08	+	0.058744
Rnf40	MmuINT0135922	chr7	1.35E+08	1.35E+08	+	0.01299
Rnf40	MmuINT0135923	chr7	1.35E+08	1.35E+08	+	0.008861
Rnf40	MmuINT0135924	chr7	1.35E+08	1.35E+08	+	0.033536
Rnf40	MmuINT0135925	chr7	1.35E+08	1.35E+08	+	0.010761
Rnf41	MmuINT0135926	chr10	1.28E+08	1.28E+08	+	0.015772
Rnf41	MmuINT0135927	chr10	1.28E+08	1.28E+08	+	0.01231
Rnf41	MmuINT0135928	chr10	1.28E+08	1.28E+08	+	0.011265
Rnf41	MmuINT0135929	chr10	1.28E+08	1.28E+08	+	0.025519
Rnf41	MmuINT0135930	chr10	1.28E+08	1.28E+08	+	0.013987
Rnf44	MmuINT0135944	chr13	54785850	54795089	-	0.053677
Rnf44	MmuINT0135945	chr13	54783173	54783294	-	0.021041
Rnf44	MmuINT0135946	chr13	54784581	54784955	-	0.216696
Rnf44	MmuINT0135947	chr13	54784063	54784149	-	0.01081
Rnf44	MmuINT0135948	chr13	54783776	54783940	-	0.012446

Rnf44	MmuINT0135949	chr13	54783596	54783687	-	0.006122
Rnf44	MmuINT0135950	chr13	54783395	54783473	-	0.005878
Rnf5	MmuINT0135953	chr17	34738934	34739029	-	0.003302
Rnf5	MmuINT0135954	chr17	34738804	34738878	-	0.018605
Rnf6	MmuINT0135956	chr5	1.47E+08	1.47E+08	-	0.01418
Rnf6	MmuINT0135957	chr5	1.47E+08	1.47E+08	-	0.004919
Rnf6	MmuINT0135958	chr5	1.47E+08	1.47E+08	-	0.006178
Rnf6	MmuINT0135959	chr5	1.47E+08	1.47E+08	-	0.01213
Rnf8	MmuINT0135962	chr17	29752024	29758453	+	0.013198
Rnf8	MmuINT0135963	chr17	29758583	29763450	+	0.010607
Rnf8	MmuINT0135964	chr17	29764195	29765904	+	0.041117
Rnf8	MmuINT0135965	chr17	29765968	29768615	+	0.0377
Rnf8	MmuINT0135966	chr17	29768706	29771605	+	0.069695
Rnf8	MmuINT0135967	chr17	29771714	29772762	+	0.010999
Rnf8	MmuINT0135968	chr17	29772968	29778160	+	0.03992
Rnft1	MmuINT0135969	chr11	86298302	86299562	+	0.073894
Rnft1	MmuINT0135970	chr11	86300008	86300157	+	0.056785
Rnft1	MmuINT0135971	chr11	86300235	86302568	+	0.030266
Rnft1	MmuINT0135972	chr11	86302670	86303859	+	0.023983
Rnft1	MmuINT0135973	chr11	86304014	86305180	+	0.012632
Rnft1	MmuINT0135974	chr11	86305340	86306662	+	0.012933
Rnft1	MmuINT0135975	chr11	86306729	86308729	+	0.012718
Rnft1	MmuINT0135976	chr11	86308832	86309322	+	0.024566
Rngtt	MmuINT0135987	chr4	33397500	33407493	+	0.01895
Rngtt	MmuINT0135988	chr4	33449927	33455547	+	0.006727
Rngtt	MmuINT0135989	chr4	33455713	33466343	+	0.022775
Rngtt	MmuINT0135990	chr4	33466413	33491127	+	0.027455
Rngtt	MmuINT0135991	chr4	33491229	33530575	+	0.023621
Rngtt	MmuINT0135992	chr4	33530643	33585925	+	0.02806
Rngtt	MmuINT0135993	chr4	33586050	33587212	+	0.009651
Rngtt	MmuINT0135994	chr4	33407604	33411848	+	0.03743
Rngtt	MmuINT0135995	chr4	33411953	33412033	+	0.030959
Rngtt	MmuINT0135996	chr4	33412123	33416494	+	0.02814
Rngtt	MmuINT0135997	chr4	33416571	33417816	+	0.03379
Rngtt	MmuINT0135998	chr4	33418058	33424837	+	0.021094
Rngtt	MmuINT0135999	chr4	33424948	33425965	+	0.011087
Rngtt	MmuINT0136000	chr4	33426068	33443035	+	0.022516
Rngtt	MmuINT0136001	chr4	33443172	33449854	+	0.023189
Rnh1	MmuINT0136004	chr7	1.48E+08	1.48E+08	-	0.005948
Rnh1	MmuINT0136005	chr7	1.48E+08	1.48E+08	-	0.005312
Rnh1	MmuINT0136006	chr7	1.48E+08	1.48E+08	-	0.00564
Rnh1	MmuINT0136008	chr7	1.48E+08	1.48E+08	-	0.011149
Rnh1	MmuINT0136009	chr7	1.48E+08	1.48E+08	-	0.005821
Rnh1	MmuINT0136010	chr7	1.48E+08	1.48E+08	-	0.017455
Rnh1	MmuINT0136011	chr7	1.48E+08	1.48E+08	-	0.007388
Rnls	MmuINT0136013	chr19	33277139	33456856	-	0.039929
Rnls	MmuINT0136014	chr19	33242988	33276964	-	0.01488
Rnls	MmuINT0136015	chr19	33212765	33242811	-	0.010271
Rnmt	MmuINT0136020	chr18	68460080	68465433	+	0.051063
Rnmt	MmuINT0136021	chr18	68479914	68480971	+	0.037218

Rnmt	MmuINT0136022	chr18	68465854	68467299	+	0.017311
Rnmt	MmuINT0136023	chr18	68467442	68468974	+	0.017821
Rnmt	MmuINT0136024	chr18	68469101	68471261	+	0.020247
Rnmt	MmuINT0136025	chr18	68471375	68473318	+	0.017061
Rnmt	MmuINT0136026	chr18	68473501	68473641	+	0.032427
Rnmt	MmuINT0136027	chr18	68473807	68477647	+	0.111008
Rnmt	MmuINT0136028	chr18	68477766	68478771	+	0.063529
Rnmt	MmuINT0136029	chr18	68478874	68479879	+	0.061788
Rnmtl1	MmuINT0136030	chr11	76057589	76057780	+	0.038033
Rnmtl1	MmuINT0136031	chr11	76058026	76060848	+	0.011064
Rnmtl1	MmuINT0136032	chr11	76061017	76063396	+	0.009829
Rnpc3	MmuINT0136034	chr3	1.13E+08	1.13E+08	-	0.025479
Rnpc3	MmuINT0136035	chr3	1.13E+08	1.13E+08	-	0.011857
Rnpc3	MmuINT0136037	chr3	1.13E+08	1.13E+08	-	0.02275
Rnpc3	MmuINT0136038	chr3	1.13E+08	1.13E+08	-	0.020639
Rnpc3	MmuINT0136039	chr3	1.13E+08	1.13E+08	-	0.01568
Rnpc3	MmuINT0136040	chr3	1.13E+08	1.13E+08	-	0.017896
Rnpc3	MmuINT0136041	chr3	1.13E+08	1.13E+08	-	0.016463
Rnpc3	MmuINT0136042	chr3	1.13E+08	1.13E+08	-	0.030939
Rnpc3	MmuINT0136043	chr3	1.13E+08	1.13E+08	-	0.019668
Rnpc3	MmuINT0136044	chr3	1.13E+08	1.13E+08	-	0.011526
Rnpc3	MmuINT0136045	chr3	1.13E+08	1.13E+08	-	0.034827
Rnpc3	MmuINT0136046	chr3	1.13E+08	1.13E+08	-	0.010355
Rnpep	MmuINT0136047	chr1	1.37E+08	1.37E+08	-	0.008058
Rnpep	MmuINT0136048	chr1	1.37E+08	1.37E+08	-	0.009759
Rnpep	MmuINT0136049	chr1	1.37E+08	1.37E+08	-	0.322073
Rnpep	MmuINT0136050	chr1	1.37E+08	1.37E+08	-	0.032655
Rnpep	MmuINT0136051	chr1	1.37E+08	1.37E+08	-	0.037628
Rnpep	MmuINT0136052	chr1	1.37E+08	1.37E+08	-	0.055241
Rnpep	MmuINT0136053	chr1	1.37E+08	1.37E+08	-	0.026356
Rnpep	MmuINT0136054	chr1	1.37E+08	1.37E+08	-	0.018072
Rnpep	MmuINT0136055	chr1	1.37E+08	1.37E+08	-	0.015571
Rnpepl1	MmuINT0136058	chr1	94808061	94811635	+	0.019433
Rnpepl1	MmuINT0136059	chr1	94815904	94816138	+	0.018012
Rnpepl1	MmuINT0136060	chr1	94811777	94812390	+	0.024708
Rnpepl1	MmuINT0136061	chr1	94812543	94812931	+	0.009846
Rnpepl1	MmuINT0136062	chr1	94813049	94813287	+	0.016611
Rnpepl1	MmuINT0136063	chr1	94813524	94813723	+	0.033202
Rnpepl1	MmuINT0136064	chr1	94813838	94814210	+	0.072194
Rnpepl1	MmuINT0136065	chr1	94814324	94814594	+	0.022322
Rnpepl1	MmuINT0136066	chr1	94814704	94815449	+	0.042911
Rnpepl1	MmuINT0136067	chr1	94815681	94815760	+	0.027094
Robld3	MmuINT0136078	chr3	88356440	88356717	-	0.027281
Robld3	MmuINT0136080	chr3	88353927	88354617	-	0.008558
Robo4	MmuINT0136163	chr9	37209737	37210139	+	0.042371
Robo4	MmuINT0136164	chr9	37213817	37215522	+	0.039739
Robo4	MmuINT0136165	chr9	37215660	37215757	+	0.081386
Robo4	MmuINT0136166	chr9	37216022	37217966	+	0.070287
Robo4	MmuINT0136167	chr9	37218075	37218284	+	0.374038
Robo4	MmuINT0136168	chr9	37218424	37218564	+	0.009551



Robo4	MmuINT0136169	chr9	37218808	37218929	+	0.039741
Robo4	MmuINT0136170	chr9	37219289	37220613	+	0.008232
Robo4	MmuINT0136171	chr9	37220821	37220961	+	0.009881
Robo4	MmuINT0136172	chr9	37210473	37210736	+	0.0612
Robo4	MmuINT0136173	chr9	37210895	37211027	+	0.032198
Robo4	MmuINT0136174	chr9	37211149	37211658	+	0.026327
Robo4	MmuINT0136175	chr9	37211787	37211877	+	0.049103
Robo4	MmuINT0136176	chr9	37212107	37212355	+	0.022054
Robo4	MmuINT0136177	chr9	37212469	37213157	+	0.011951
Robo4	MmuINT0136178	chr9	37213327	37213482	+	0.35193
Robo4	MmuINT0136179	chr9	37213669	37213773	+	0.012832
Rock1	MmuINT0136180	chr18	10150315	10181222	-	0.008589
Rock1	MmuINT0136182	chr18	10116861	10119882	-	0.01562
Rock1	MmuINT0136183	chr18	10112391	10116771	-	0.010934
Rock1	MmuINT0136184	chr18	10106456	10112341	-	0.009549
Rock1	MmuINT0136185	chr18	10104508	10106319	-	0.007697
Rock1	MmuINT0136186	chr18	10104319	10104415	-	0.005473
Rock1	MmuINT0136187	chr18	10101027	10104071	-	0.006891
Rock1	MmuINT0136188	chr18	10099406	10100919	-	0.006415
Rock1	MmuINT0136189	chr18	10097642	10099254	-	0.005537
Rock1	MmuINT0136190	chr18	10095596	10097480	-	0.005008
Rock1	MmuINT0136191	chr18	10140887	10150232	-	0.009872
Rock1	MmuINT0136192	chr18	10093976	10095410	-	0.006512
Rock1	MmuINT0136193	chr18	10092222	10093905	-	0.007439
Rock1	MmuINT0136194	chr18	10090977	10092126	-	0.008531
Rock1	MmuINT0136195	chr18	10084410	10090810	-	0.006552
Rock1	MmuINT0136196	chr18	10083209	10084315	-	0.010042
Rock1	MmuINT0136197	chr18	10080538	10083119	-	0.009753
Rock1	MmuINT0136198	chr18	10079273	10080348	-	0.004459
Rock1	MmuINT0136199	chr18	10073184	10079112	-	0.01902
Rock1	MmuINT0136200	chr18	10072919	10073112	-	0.019897
Rock1	MmuINT0136201	chr18	10070699	10072829	-	0.012242
Rock1	MmuINT0136202	chr18	10140312	10140785	-	0.010411
Rock1	MmuINT0136203	chr18	10070479	10070619	-	0.007208
Rock1	MmuINT0136204	chr18	10067677	10070216	-	0.051408
Rock1	MmuINT0136205	chr18	10066050	10067468	-	0.004849
Rock1	MmuINT0136206	chr18	10136270	10140173	-	0.00839
Rock1	MmuINT0136207	chr18	10134499	10136093	-	0.00712
Rock1	MmuINT0136209	chr18	10131667	10132125	-	0.008947
Rock2	MmuINT0136212	chr12	16902137	16933744	+	0.012897
Rock2	MmuINT0136213	chr12	16961774	16962475	+	0.009526
Rock2	MmuINT0136214	chr12	16962488	16964031	+	0.03419
Rock2	MmuINT0136215	chr12	16964112	16964266	+	0.023334
Rock2	MmuINT0136216	chr12	16964316	16964924	+	0.005148
Rock2	MmuINT0136217	chr12	16965061	16965145	+	0.004909
Rock2	MmuINT0136218	chr12	16965238	16965433	+	0.005469
Rock2	MmuINT0136219	chr12	16965681	16966207	+	0.002852
Rock2	MmuINT0136220	chr12	16966315	16968421	+	0.004222
Rock2	MmuINT0136221	chr12	16968582	16971816	+	0.002947
Rock2	MmuINT0136222	chr12	16971978	16972273	+	0.002876

Rock2	MmuINT0136223	chr12	16933827	16935739	+	0.007367
Rock2	MmuINT0136224	chr12	16972459	16973429	+	0.005356
Rock2	MmuINT0136225	chr12	16973500	16975016	+	0.004572
Rock2	MmuINT0136226	chr12	16975121	16975385	+	0.003606
Rock2	MmuINT0136227	chr12	16975573	16977854	+	0.00248
Rock2	MmuINT0136228	chr12	16977949	16978030	+	0.004392
Rock2	MmuINT0136229	chr12	16978126	16979466	+	0.002972
Rock2	MmuINT0136230	chr12	16979647	16979786	+	0.003137
Rock2	MmuINT0136231	chr12	16979956	16981647	+	0.01251
Rock2	MmuINT0136232	chr12	16981719	16982275	+	0.00532
Rock2	MmuINT0136233	chr12	16982365	16982839	+	0.004252
Rock2	MmuINT0136234	chr12	16935841	16947208	+	0.012762
Rock2	MmuINT0136235	chr12	16982919	16984347	+	0.003976
Rock2	MmuINT0136236	chr12	16984610	16984694	+	0.002806
Rock2	MmuINT0136237	chr12	16984909	16991443	+	0.013912
Rock2	MmuINT0136238	chr12	16947347	16949499	+	0.004379
Rock2	MmuINT0136239	chr12	16949761	16955263	+	0.00504
Rock2	MmuINT0136240	chr12	16955409	16957377	+	0.005802
Rock2	MmuINT0136241	chr12	16957517	16959301	+	0.004574
Rock2	MmuINT0136242	chr12	16959394	16960066	+	0.003842
Rock2	MmuINT0136243	chr12	16960227	16961712	+	0.026576
Rod1	MmuINT0136245	chr4	59498245	59498478	-	0.056078
Rod1	MmuINT0136246	chr4	59495510	59498210	-	0.065578
Rod1	MmuINT0136247	chr4	59494451	59495416	-	0.046877
Rod1	MmuINT0136248	chr4	59490105	59494233	-	0.034925
Rod1	MmuINT0136249	chr4	59489888	59490026	-	0.020985
Rod1	MmuINT0136251	chr4	59527293	59530457	-	0.034361
Rod1	MmuINT0136252	chr4	59514347	59527145	-	0.036732
Rod1	MmuINT0136253	chr4	59507483	59514181	-	0.063315
Rod1	MmuINT0136254	chr4	59506233	59507371	-	0.04261
Rod1	MmuINT0136255	chr4	59501061	59506057	-	0.045687
Rod1	MmuINT0136256	chr4	59498619	59500982	-	0.026708
Rogdi	MmuINT0136259	chr16	5013468	5013555	-	0.029668
Rogdi	MmuINT0136260	chr16	5009346	5009570	-	0.027095
Rogdi	MmuINT0136261	chr16	5012603	5013395	-	0.029753
Rogdi	MmuINT0136262	chr16	5012389	5012519	-	0.034414
Rogdi	MmuINT0136263	chr16	5011786	5012333	-	0.193912
Rogdi	MmuINT0136264	chr16	5011036	5011704	-	0.013612
Rogdi	MmuINT0136265	chr16	5010659	5010939	-	0.086927
Rogdi	MmuINT0136266	chr16	5010247	5010559	-	0.068802
Rogdi	MmuINT0136267	chr16	5010044	5010132	-	0.040428
Rogdi	MmuINT0136268	chr16	5009698	5009993	-	0.084225
Rom1	MmuINT0136269	chr19	9002715	9003073	-	0.010625
Rom1	MmuINT0136270	chr19	9002378	9002467	-	0.007031
Rora	MmuINT0136297	chr9	69224698	69226603	+	0.036005
Rora	MmuINT0136299	chr9	69196025	69209545	+	0.044319
Rora	MmuINT0136300	chr9	69209688	69211972	+	0.0418
Rora	MmuINT0136301	chr9	69212369	69219021	+	0.024228
Rora	MmuINT0136302	chr9	69219144	69220895	+	0.034955
Rora	MmuINT0136303	chr9	69221029	69221821	+	0.027334

Rora	MmuINT0136304	chr9	69221930	69223191	+	0.044421
Rora	MmuINT0136305	chr9	69223303	69224584	+	0.034553
Rorc	MmuINT0136316	chr3	94176854	94178956	+	0.008885
Rorc	MmuINT0136317	chr3	94197063	94201113	+	0.003843
Rorc	MmuINT0136318	chr3	94178987	94191042	+	0.012817
Rorc	MmuINT0136319	chr3	94191129	94191381	+	0.012077
Rorc	MmuINT0136320	chr3	94191524	94192672	+	0.011432
Rorc	MmuINT0136321	chr3	94193180	94193396	+	0.010885
Rorc	MmuINT0136322	chr3	94193519	94194995	+	0.02226
Rorc	MmuINT0136323	chr3	94195129	94195301	+	0.010998
Rorc	MmuINT0136324	chr3	94195410	94195566	+	0.033998
Rorc	MmuINT0136325	chr3	94195678	94196952	+	0.062996
Rp2h	MmuINT0136377	chrX	19941955	19954006	+	0.033773
Rp2h	MmuINT0136378	chrX	19954673	19958830	+	0.018762
Rp2h	MmuINT0136379	chrX	19958946	19974346	+	0.032579
Rp2h	MmuINT0136380	chrX	19974433	19974777	+	0.04596
Rpa1	MmuINT0136381	chr11	75155697	75161727	-	0.012165
Rpa1	MmuINT0136382	chr11	75126673	75126802	-	0.006043
Rpa1	MmuINT0136383	chr11	75126335	75126479	-	0.003294
Rpa1	MmuINT0136384	chr11	75125951	75126194	-	0.006497
Rpa1	MmuINT0136385	chr11	75123768	75125801	-	0.004461
Rpa1	MmuINT0136386	chr11	75120794	75123634	-	0.006426
Rpa1	MmuINT0136387	chr11	75119718	75120616	-	0.004139
Rpa1	MmuINT0136388	chr11	75116257	75119609	-	0.005731
Rpa1	MmuINT0136389	chr11	75114906	75116169	-	0.014129
Rpa1	MmuINT0136390	chr11	75154609	75155645	-	0.009505
Rpa1	MmuINT0136391	chr11	75153901	75154529	-	0.006726
Rpa1	MmuINT0136394	chr11	75132034	75142174	-	0.050359
Rpa1	MmuINT0136395	chr11	75129740	75131913	-	0.010747
Rpa1	MmuINT0136396	chr11	75128418	75129606	-	0.008305
Rpa1	MmuINT0136397	chr11	75126872	75128314	-	0.00864
Rpa2	MmuINT0136399	chr4	1.32E+08	1.32E+08	+	0.010758
Rpa2	MmuINT0136400	chr4	1.32E+08	1.32E+08	+	0.014815
Rpa2	MmuINT0136401	chr4	1.32E+08	1.32E+08	+	0.013057
Rpa2	MmuINT0136402	chr4	1.32E+08	1.32E+08	+	0.012368
Rpa2	MmuINT0136403	chr4	1.32E+08	1.32E+08	+	0.027015
Rpa2	MmuINT0136404	chr4	1.32E+08	1.32E+08	+	0.010164
Rpa2	MmuINT0136405	chr4	1.32E+08	1.32E+08	+	0.014343
Rpa2	MmuINT0136406	chr4	1.32E+08	1.32E+08	+	0.010154
Rpa3	MmuINT0136407	chr6	8207762	8208999	-	0.007001
Rpain	MmuINT0136410	chr11	70784090	70785265	+	0.01119
Rpain	MmuINT0136411	chr11	70785437	70786516	+	0.023613
Rpain	MmuINT0136412	chr11	70786578	70787303	+	0.115324
Rpain	MmuINT0136413	chr11	70787416	70787570	+	0.114058
Rpain	MmuINT0136414	chr11	70787635	70788401	+	0.38366
Rpain	MmuINT0136415	chr11	70788543	70791159	+	0.158739
Rpap1	MmuINT0136418	chr2	1.2E+08	1.2E+08	-	0.02507
Rpap1	MmuINT0136419	chr2	1.2E+08	1.2E+08	-	0.025152
Rpap1	MmuINT0136420	chr2	1.2E+08	1.2E+08	-	0.022781
Rpap1	MmuINT0136421	chr2	1.2E+08	1.2E+08	-	0.049122

Rpap1	MmuINT0136422	chr2	1.2E+08	1.2E+08	-	0.038796
Rpap1	MmuINT0136423	chr2	1.2E+08	1.2E+08	-	0.017559
Rpap1	MmuINT0136424	chr2	1.2E+08	1.2E+08	-	0.017921
Rpap1	MmuINT0136425	chr2	1.2E+08	1.2E+08	-	0.049243
Rpap1	MmuINT0136426	chr2	1.2E+08	1.2E+08	-	0.071204
Rpap1	MmuINT0136427	chr2	1.2E+08	1.2E+08	-	0.060942
Rpap1	MmuINT0136428	chr2	1.2E+08	1.2E+08	-	0.03349
Rpap1	MmuINT0136429	chr2	1.2E+08	1.2E+08	-	0.024041
Rpap1	MmuINT0136430	chr2	1.2E+08	1.2E+08	-	0.097735
Rpap1	MmuINT0136431	chr2	1.2E+08	1.2E+08	-	0.025043
Rpap1	MmuINT0136432	chr2	1.2E+08	1.2E+08	-	0.033234
Rpap1	MmuINT0136434	chr2	1.2E+08	1.2E+08	-	0.024176
Rpap1	MmuINT0136435	chr2	1.2E+08	1.2E+08	-	0.016794
Rpap1	MmuINT0136436	chr2	1.2E+08	1.2E+08	-	0.022973
Rpap1	MmuINT0136437	chr2	1.2E+08	1.2E+08	-	0.012073
Rpap1	MmuINT0136438	chr2	1.2E+08	1.2E+08	-	0.025436
Rpap1	MmuINT0136439	chr2	1.2E+08	1.2E+08	-	0.09598
Rpap2	MmuINT0136443	chr5	1.08E+08	1.08E+08	+	0.031401
Rpap2	MmuINT0136444	chr5	1.08E+08	1.08E+08	+	0.02461
Rpap2	MmuINT0136445	chr5	1.08E+08	1.08E+08	+	0.024817
Rpap2	MmuINT0136446	chr5	1.08E+08	1.08E+08	+	0.029534
Rpap2	MmuINT0136448	chr5	1.08E+08	1.08E+08	+	0.041929
Rpap2	MmuINT0136449	chr5	1.08E+08	1.08E+08	+	0.034236
Rpap2	MmuINT0136450	chr5	1.08E+08	1.08E+08	+	0.029607
Rpap2	MmuINT0136451	chr5	1.08E+08	1.08E+08	+	0.032358
Rpap2	MmuINT0136452	chr5	1.08E+08	1.08E+08	+	0.019032
Rpap3	MmuINT0136454	chr15	97533801	97536180	-	0.015006
Rpap3	MmuINT0136455	chr15	97514535	97516872	-	0.016933
Rpap3	MmuINT0136456	chr15	97514357	97514463	-	0.015978
Rpap3	MmuINT0136457	chr15	97512271	97514257	-	0.010338
Rpap3	MmuINT0136458	chr15	97510953	97512049	-	0.030026
Rpap3	MmuINT0136459	chr15	97509599	97510765	-	0.020695
Rpap3	MmuINT0136460	chr15	97508918	97509500	-	0.011133
Rpap3	MmuINT0136463	chr15	97529470	97531498	-	0.011617
Rpap3	MmuINT0136464	chr15	97527057	97529346	-	0.003086
Rpap3	MmuINT0136465	chr15	97524657	97526928	-	0.01322
Rpap3	MmuINT0136466	chr15	97523716	97524534	-	0.011463
Rpap3	MmuINT0136467	chr15	97521742	97523644	-	0.007974
Rpap3	MmuINT0136468	chr15	97518670	97521612	-	0.0102
Rpap3	MmuINT0136469	chr15	97516995	97518541	-	0.009161
Rpe	MmuINT0136470	chr1	66747603	66753019	+	0.052285
Rpe	MmuINT0136471	chr1	66753100	66761150	+	0.031677
Rpe	MmuINT0136472	chr1	66761291	66761686	+	0.035405
Rpe	MmuINT0136473	chr1	66761822	66762532	+	0.018678
Rpe	MmuINT0136474	chr1	66762620	66764327	+	0.036544
Rpf1	MmuINT0136489	chr3	1.46E+08	1.46E+08	-	0.018316
Rpf1	MmuINT0136490	chr3	1.46E+08	1.46E+08	-	0.011966
Rpf1	MmuINT0136491	chr3	1.46E+08	1.46E+08	-	0.018886
Rpf1	MmuINT0136492	chr3	1.46E+08	1.46E+08	-	0.009729
Rpf1	MmuINT0136493	chr3	1.46E+08	1.46E+08	-	0.01289

Rpf1	MmuINT0136494	chr3	1.46E+08	1.46E+08	-	0.013471
Rpf1	MmuINT0136495	chr3	1.46E+08	1.46E+08	-	0.031755
Rpf2	MmuINT0136497	chr10	39963700	39964390	-	0.007064
Rpf2	MmuINT0136498	chr10	39959594	39963661	-	0.012458
Rpf2	MmuINT0136500	chr10	39954705	39955928	-	0.002177
Rpf2	MmuINT0136502	chr10	39947468	39952913	-	0.021467
Rpf2	MmuINT0136503	chr10	39945248	39947364	-	0.004238
Rpgr	MmuINT0136511	chrX	9743403	9755396	-	0.040105
Rpgr	MmuINT0136512	chrX	9741906	9743201	-	0.0422
Rpgr	MmuINT0136513	chrX	9739817	9741847	-	0.118186
Rpgr	MmuINT0136514	chrX	9736007	9739727	-	0.602123
Rph3al	MmuINT0136594	chr11	75720150	75722412	-	0.049332
Rph3al	MmuINT0136597	chr11	75648379	75667805	-	0.035801
Rph3al	MmuINT0136598	chr11	75647051	75648264	-	0.064493
Rph3al	MmuINT0136599	chr11	75645717	75646903	-	0.029864
Rpia	MmuINT0136600	chr6	70735600	70741879	-	0.015359
Rpia	MmuINT0136601	chr6	70733611	70735538	-	0.018024
Rpia	MmuINT0136602	chr6	70727406	70733554	-	0.02837
Rpia	MmuINT0136603	chr6	70725168	70727345	-	0.036129
Rpia	MmuINT0136604	chr6	70724314	70725102	-	0.072309
Rpia	MmuINT0136605	chr6	70723566	70724244	-	0.019168
Rpia	MmuINT0136606	chr6	70721088	70723423	-	0.016064
Rpia	MmuINT0136607	chr6	70716643	70720987	-	0.012838
Rpl10	MmuINT0136608	chrX	71516214	71516317	+	0.459062
Rpl10a	MmuINT0136614	chr17	28465564	28465755	+	0.004585
Rpl13	MmuINT0136630	chr8	1.26E+08	1.26E+08	+	0.00064
Rpl13a	MmuINT0136636	chr7	52382645	52382865	-	0.001
Rpl13a	MmuINT0136640	chr7	52381608	52381847	-	0.003576
Rpl18	MmuINT0136656	chr7	52973510	52974622	+	0.000662
Rpl19	MmuINT0136661	chr11	97888077	97889136	+	0.181607
Rpl21	MmuINT0136667	chr5	1.48E+08	1.48E+08	+	0.00065
Rpl22	MmuINT0136672	chr4	1.52E+08	1.52E+08	+	0.019919
Rpl29	MmuINT0136703	chr9	1.06E+08	1.06E+08	+	0.087972
Rpl3	MmuINT0136706	chr15	79913013	79913753	-	0.001243
Rpl34	MmuINT0136722	chr3	1.3E+08	1.3E+08	-	0.146099
Rpl36	MmuINT0136732	chr17	56752872	56753008	+	0.002884
Rpl37a	MmuINT0136743	chr1	72757898	72758245	+	0.001179
Rpl38	MmuINT0136746	chr11	1.15E+08	1.15E+08	+	0.032547
Rpl3l	MmuINT0136754	chr17	24864832	24865261	+	0.026809
Rpl3l	MmuINT0136755	chr17	24865455	24867813	+	0.044905
Rpl3l	MmuINT0136756	chr17	24867983	24869280	+	0.039064
Rpl3l	MmuINT0136758	chr17	24869853	24870253	+	0.554895
Rpl3l	MmuINT0136759	chr17	24870441	24870528	+	0.009724
Rpl3l	MmuINT0136760	chr17	24870690	24870861	+	0.007231
Rpl3l	MmuINT0136761	chr17	24870964	24872361	+	0.014393
Rpl3l	MmuINT0136762	chr17	24872458	24872666	+	0.010653
Rpl3l	MmuINT0136763	chr17	24872787	24872944	+	0.001738
Rpl4	MmuINT0136764	chr9	64021241	64022630	+	0.000973
Rpl4	MmuINT0136765	chr9	64022803	64023000	+	0.000017
Rpl4	MmuINT0136768	chr9	64024024	64024747	+	0.001934

Rpl4	MmuINT0136769	chr9	64024878	64025127	+	0.000253
Rpl4	MmuINT0136770	chr9	64025285	64025527	+	0.00211
Rpl7	MmuINT0136789	chr1	16093766	16094445	-	0.000019
Rpl7l1	MmuINT0136802	chr17	46918841	46919567	-	0.011252
Rpl7l1	MmuINT0136803	chr17	46917501	46918731	-	0.00158
Rpl7l1	MmuINT0136807	chr17	46912686	46915000	-	0.001078
Rpl8	MmuINT0136808	chr15	76734540	76734732	+	0.003483
Rpl8	MmuINT0136809	chr15	76734881	76734968	+	0.001101
Rpl8	MmuINT0136810	chr15	76735111	76735247	+	0.000422
Rpl8	MmuINT0136811	chr15	76735467	76736285	+	0.001964
Rpl8	MmuINT0136812	chr15	76736402	76736550	+	0.001158
Rpl9	MmuINT0136813	chr5	65782232	65782614	-	0.000602
Rplp0	MmuINT0136820	chr5	1.16E+08	1.16E+08	+	0.000762
Rpn1	MmuINT0136832	chr6	88034789	88038343	+	0.004214
Rpn1	MmuINT0136833	chr6	88038409	88039982	+	0.004796
Rpn1	MmuINT0136834	chr6	88040290	88043779	+	0.004155
Rpn1	MmuINT0136835	chr6	88043990	88045516	+	0.004129
Rpn1	MmuINT0136836	chr6	88045710	88049267	+	0.008022
Rpn1	MmuINT0136837	chr6	88049368	88050622	+	0.004943
Rpn1	MmuINT0136838	chr6	88050762	88050855	+	0.005097
Rpn1	MmuINT0136839	chr6	88050976	88051968	+	0.039478
Rpn1	MmuINT0136840	chr6	88052215	88053358	+	0.004701
Rpn2	MmuINT0136841	chr2	1.57E+08	1.57E+08	+	0.002752
Rpn2	MmuINT0136842	chr2	1.57E+08	1.57E+08	+	0.002689
Rpn2	MmuINT0136843	chr2	1.57E+08	1.57E+08	+	0.00283
Rpn2	MmuINT0136844	chr2	1.57E+08	1.57E+08	+	0.003332
Rpn2	MmuINT0136845	chr2	1.57E+08	1.57E+08	+	0.004987
Rpn2	MmuINT0136846	chr2	1.57E+08	1.57E+08	+	0.003852
Rpn2	MmuINT0136847	chr2	1.57E+08	1.57E+08	+	0.069375
Rpn2	MmuINT0136848	chr2	1.57E+08	1.57E+08	+	0.003111
Rpn2	MmuINT0136849	chr2	1.57E+08	1.57E+08	+	0.003352
Rpn2	MmuINT0136850	chr2	1.57E+08	1.57E+08	+	0.002297
Rpn2	MmuINT0136851	chr2	1.57E+08	1.57E+08	+	0.00298
Rpn2	MmuINT0136852	chr2	1.57E+08	1.57E+08	+	0.002824
Rpn2	MmuINT0136853	chr2	1.57E+08	1.57E+08	+	0.005448
Rpn2	MmuINT0136854	chr2	1.57E+08	1.57E+08	+	0.015064
Rpn2	MmuINT0136855	chr2	1.57E+08	1.57E+08	+	0.005003
Rpp14	MmuINT0136856	chr14	8913027	8916221	+	0.010466
Rpp14	MmuINT0136857	chr14	8916309	8916430	+	0.011707
Rpp14	MmuINT0136858	chr14	8916516	8919977	+	0.010591
Rpp14	MmuINT0136859	chr14	8920055	8921232	+	0.014432
Rpp14	MmuINT0136860	chr14	8921312	8922421	+	0.019958
Rpp21	MmuINT0136861	chr17	36394652	36394727	-	0.045939
Rpp21	MmuINT0136862	chr17	36394470	36394550	-	0.047613
Rpp21	MmuINT0136863	chr17	36393015	36394386	-	0.03796
Rpp21	MmuINT0136864	chr17	36392744	36392888	-	0.028899
Rpp30	MmuINT0136865	chr19	36158309	36159555	+	0.042483
Rpp30	MmuINT0136866	chr19	36176391	36178825	+	0.017723
Rpp30	MmuINT0136867	chr19	36159612	36161448	+	0.047154
Rpp30	MmuINT0136868	chr19	36161506	36161813	+	0.019727

Rpp30	MmuINT0136869	chr19	36161889	36163628	+	0.02613
Rpp30	MmuINT0136870	chr19	36163701	36168865	+	0.019218
Rpp30	MmuINT0136871	chr19	36168956	36174661	+	0.021082
Rpp30	MmuINT0136872	chr19	36174779	36175298	+	0.020756
Rpp30	MmuINT0136873	chr19	36175329	36175723	+	0.025171
Rpp30	MmuINT0136874	chr19	36175762	36176310	+	0.022022
Rpp38	MmuINT0136875	chr2	3247146	3249798	-	0.041202
Rpp40	MmuINT0136876	chr13	35996433	35998072	-	0.020137
Rpp40	MmuINT0136877	chr13	35995626	35996287	-	0.070525
Rpp40	MmuINT0136878	chr13	35993978	35995556	-	0.051652
Rpp40	MmuINT0136879	chr13	35993301	35993881	-	0.039461
Rpp40	MmuINT0136880	chr13	35990883	35993174	-	0.035507
Rpp40	MmuINT0136881	chr13	35990569	35990683	-	0.025018
Rpp40	MmuINT0136882	chr13	35988795	35990433	-	0.018452
Rprd1a	MmuINT0136884	chr18	24668424	24688416	-	0.004619
Rprd1a	MmuINT0136885	chr18	24666778	24668293	-	0.004343
Rprd1a	MmuINT0136886	chr18	24666593	24666670	-	0.007626
Rprd1a	MmuINT0136887	chr18	24665733	24666494	-	0.078408
Rprd1a	MmuINT0136888	chr18	24665511	24665605	-	0.010219
Rprd1a	MmuINT0136889	chr18	24646833	24665334	-	0.045343
Rprd1b	MmuINT0136890	chr2	1.58E+08	1.58E+08	+	0.009543
Rprd1b	MmuINT0136891	chr2	1.58E+08	1.58E+08	+	0.011527
Rprd1b	MmuINT0136892	chr2	1.58E+08	1.58E+08	+	0.27672
Rprd1b	MmuINT0136893	chr2	1.58E+08	1.58E+08	+	0.009847
Rprd1b	MmuINT0136894	chr2	1.58E+08	1.58E+08	+	0.009914
Rprd1b	MmuINT0136895	chr2	1.58E+08	1.58E+08	+	0.011975
Rprd2	MmuINT0136896	chr3	95594153	95622469	-	0.020453
Rprd2	MmuINT0136898	chr3	95591308	95594022	-	0.015102
Rprd2	MmuINT0136900	chr3	95589030	95590242	-	0.03219
Rprd2	MmuINT0136901	chr3	95588264	95588976	-	0.030057
Rprd2	MmuINT0136902	chr3	95584514	95588136	-	0.01248
Rprd2	MmuINT0136903	chr3	95580721	95584337	-	0.014527
Rprd2	MmuINT0136904	chr3	95578296	95580437	-	0.026116
Rprd2	MmuINT0136905	chr3	95576120	95578034	-	0.294698
Rps11	MmuINT0136912	chr7	52378609	52378788	-	0.003141
Rps14	MmuINT0136925	chr18	60934341	60936054	+	0.001909
Rps15	MmuINT0136929	chr10	79755229	79755519	+	0.00184
Rps19	MmuINT0136948	chr7	25669889	25670154	+	0.024791
Rps19	MmuINT0136951	chr7	25673485	25673925	+	0.000591
Rps19bp1	MmuINT0136953	chr15	80094548	80094656	-	0.054295
Rps19bp1	MmuINT0136954	chr15	80091825	80094412	-	0.026386
Rps19bp1	MmuINT0136955	chr15	80091561	80091726	-	0.025894
Rps2	MmuINT0136956	chr17	24857078	24857217	+	0.027318
Rps21	MmuINT0136964	chr2	1.8E+08	1.8E+08	+	0.002233
Rps21	MmuINT0136965	chr2	1.8E+08	1.8E+08	+	0.000097
Rps23	MmuINT0136969	chr13	91062805	91063191	+	0.000053
Rps26	MmuINT0136984	chr10	1.28E+08	1.28E+08	-	0.000159
Rps27l	MmuINT0136993	chr9	66793988	66794637	+	0.002209
Rps27l	MmuINT0136995	chr9	66795505	66797135	+	0.000389
Rps3	MmuINT0137001	chr7	1.07E+08	1.07E+08	-	0.000634

Rps3	MmuINT0137002	chr7	1.07E+08	1.07E+08	-	0.00034
Rps3	MmuINT0137003	chr7	1.07E+08	1.07E+08	-	0.000162
Rps3	MmuINT0137004	chr7	1.07E+08	1.07E+08	-	0.00046
Rps3	MmuINT0137005	chr7	1.07E+08	1.07E+08	-	0.000181
Rps3	MmuINT0137006	chr7	1.07E+08	1.07E+08	-	0.000427
Rps5	MmuINT0137017	chr7	13507738	13508321	+	0.005745
Rps5	MmuINT0137018	chr7	13508431	13510740	+	0.000726
Rps5	MmuINT0137019	chr7	13510951	13511085	+	0.000609
Rps5	MmuINT0137020	chr7	13511215	13511744	+	0.00073
Rps5	MmuINT0137021	chr7	13511844	13511920	+	0.000785
Rps6ka1	MmuINT0137030	chr4	1.33E+08	1.33E+08	-	0.059505
Rps6ka1	MmuINT0137031	chr4	1.33E+08	1.33E+08	-	0.063593
Rps6ka1	MmuINT0137032	chr4	1.33E+08	1.33E+08	-	0.0553
Rps6ka1	MmuINT0137033	chr4	1.33E+08	1.33E+08	-	0.052147
Rps6ka1	MmuINT0137034	chr4	1.33E+08	1.33E+08	-	0.053908
Rps6ka1	MmuINT0137035	chr4	1.33E+08	1.33E+08	-	0.055714
Rps6ka1	MmuINT0137036	chr4	1.33E+08	1.33E+08	-	0.04273
Rps6ka1	MmuINT0137038	chr4	1.33E+08	1.33E+08	-	0.144299
Rps6ka1	MmuINT0137039	chr4	1.33E+08	1.33E+08	-	0.062208
Rps6ka1	MmuINT0137040	chr4	1.33E+08	1.33E+08	-	0.071576
Rps6ka1	MmuINT0137041	chr4	1.33E+08	1.33E+08	-	0.068711
Rps6ka1	MmuINT0137043	chr4	1.33E+08	1.33E+08	-	0.062006
Rps6ka1	MmuINT0137044	chr4	1.33E+08	1.33E+08	-	0.06183
Rps6ka2	MmuINT0137047	chr17	7374793	7432261	+	0.048196
Rps6ka2	MmuINT0137048	chr17	7466566	7475940	+	0.013146
Rps6ka2	MmuINT0137049	chr17	7476006	7481811	+	0.021856
Rps6ka2	MmuINT0137050	chr17	7481915	7486117	+	0.008822
Rps6ka2	MmuINT0137051	chr17	7486249	7487092	+	0.004282
Rps6ka2	MmuINT0137052	chr17	7487219	7493263	+	0.020433
Rps6ka2	MmuINT0137053	chr17	7493354	7494978	+	0.006863
Rps6ka2	MmuINT0137054	chr17	7495138	7497094	+	0.00859
Rps6ka2	MmuINT0137055	chr17	7497257	7499551	+	0.009615
Rps6ka2	MmuINT0137056	chr17	7499629	7500363	+	0.009887
Rps6ka2	MmuINT0137057	chr17	7500482	7503631	+	0.005668
Rps6ka2	MmuINT0137058	chr17	7432379	7440394	+	0.010317
Rps6ka2	MmuINT0137060	chr17	7440477	7451050	+	0.007293
Rps6ka2	MmuINT0137061	chr17	7451132	7453640	+	0.013187
Rps6ka2	MmuINT0137062	chr17	7453721	7455888	+	0.012359
Rps6ka2	MmuINT0137063	chr17	7455996	7458760	+	0.01128
Rps6ka2	MmuINT0137064	chr17	7458799	7460179	+	0.00985
Rps6ka2	MmuINT0137065	chr17	7460323	7465352	+	0.013566
Rps6ka3	MmuINT0137068	chrX	1.56E+08	1.56E+08	+	0.018499
Rps6ka3	MmuINT0137069	chrX	1.56E+08	1.56E+08	+	0.027855
Rps6ka3	MmuINT0137070	chrX	1.56E+08	1.56E+08	+	0.020482
Rps6ka3	MmuINT0137071	chrX	1.56E+08	1.56E+08	+	0.014011
Rps6ka3	MmuINT0137072	chrX	1.56E+08	1.56E+08	+	0.015401
Rps6ka3	MmuINT0137073	chrX	1.56E+08	1.56E+08	+	0.012117
Rps6ka3	MmuINT0137074	chrX	1.56E+08	1.56E+08	+	0.011113
Rps6ka3	MmuINT0137075	chrX	1.56E+08	1.56E+08	+	0.010679
Rps6ka3	MmuINT0137076	chrX	1.56E+08	1.56E+08	+	0.013393



Rps6ka3	MmuINT0137077	chrX	1.56E+08	1.56E+08	+	0.011324
Rps6ka3	MmuINT0137078	chrX	1.56E+08	1.56E+08	+	0.026482
Rps6ka3	MmuINT0137079	chrX	1.56E+08	1.56E+08	+	0.010248
Rps6ka3	MmuINT0137080	chrX	1.56E+08	1.56E+08	+	0.011782
Rps6ka3	MmuINT0137081	chrX	1.56E+08	1.56E+08	+	0.019457
Rps6ka3	MmuINT0137082	chrX	1.56E+08	1.56E+08	+	0.024055
Rps6ka3	MmuINT0137083	chrX	1.56E+08	1.56E+08	+	0.019659
Rps6ka3	MmuINT0137084	chrX	1.56E+08	1.56E+08	+	0.014979
Rps6ka3	MmuINT0137085	chrX	1.56E+08	1.56E+08	+	0.042794
Rps6ka3	MmuINT0137086	chrX	1.56E+08	1.56E+08	+	0.033597
Rps6ka3	MmuINT0137087	chrX	1.56E+08	1.56E+08	+	0.026915
Rps6ka4	MmuINT0137088	chr19	6914896	6914982	-	0.058411
Rps6ka4	MmuINT0137089	chr19	6906575	6906745	-	0.014141
Rps6ka4	MmuINT0137090	chr19	6906352	6906440	-	0.037223
Rps6ka4	MmuINT0137091	chr19	6905938	6906257	-	0.015899
Rps6ka4	MmuINT0137092	chr19	6905676	6905763	-	0.012866
Rps6ka4	MmuINT0137093	chr19	6905237	6905480	-	0.019297
Rps6ka4	MmuINT0137094	chr19	6904969	6905076	-	0.069761
Rps6ka4	MmuINT0137095	chr19	6904630	6904804	-	0.071953
Rps6ka4	MmuINT0137097	chr19	6914169	6914823	-	0.023037
Rps6ka4	MmuINT0137098	chr19	6913858	6913949	-	0.034965
Rps6ka4	MmuINT0137099	chr19	6912653	6913741	-	0.062793
Rps6ka4	MmuINT0137100	chr19	6912327	6912544	-	0.014279
Rps6ka4	MmuINT0137101	chr19	6912174	6912245	-	0.021761
Rps6ka4	MmuINT0137102	chr19	6911968	6912069	-	0.031719
Rps6ka4	MmuINT0137103	chr19	6909756	6911816	-	0.075726
Rps6ka4	MmuINT0137104	chr19	6906875	6909590	-	0.021141
Rps6ka5	MmuINT0137107	chr12	1.02E+08	1.02E+08	-	0.059878
Rps6ka5	MmuINT0137113	chr12	1.02E+08	1.02E+08	-	0.029573
Rps6ka5	MmuINT0137115	chr12	1.02E+08	1.02E+08	-	0.030579
Rps6ka5	MmuINT0137116	chr12	1.02E+08	1.02E+08	-	0.045051
Rps6ka5	MmuINT0137117	chr12	1.02E+08	1.02E+08	-	0.041256
Rps6ka5	MmuINT0137118	chr12	1.02E+08	1.02E+08	-	0.045047
Rps6ka5	MmuINT0137119	chr12	1.02E+08	1.02E+08	-	0.033557
Rps6ka5	MmuINT0137121	chr12	1.02E+08	1.02E+08	-	0.032596
Rps6kb1	MmuINT0137146	chr11	86348963	86358067	-	0.00999
Rps6kb1	MmuINT0137148	chr11	86325169	86325326	-	0.008983
Rps6kb1	MmuINT0137149	chr11	86320401	86325090	-	0.018853
Rps6kb1	MmuINT0137150	chr11	86317881	86320292	-	0.017913
Rps6kb1	MmuINT0137151	chr11	86316465	86317767	-	0.049477
Rps6kb1	MmuINT0137152	chr11	86347649	86348912	-	0.008595
Rps6kb1	MmuINT0137153	chr11	86346343	86347527	-	0.010288
Rps6kb1	MmuINT0137154	chr11	86333542	86346273	-	0.005753
Rps6kb1	MmuINT0137155	chr11	86331143	86333393	-	0.022566
Rps6kb1	MmuINT0137156	chr11	86329694	86331084	-	0.050602
Rps6kb1	MmuINT0137157	chr11	86326893	86327048	-	0.021872
Rps6kb1	MmuINT0137158	chr11	86326416	86326801	-	0.033952
Rps6kb2	MmuINT0137163	chr19	4162863	4163167	-	0.136202
Rps6kb2	MmuINT0137164	chr19	4158129	4158609	-	0.188053
Rps6kb2	MmuINT0137165	chr19	4157957	4158065	-	0.022234

Rps6kb2	MmuINT0137166	chr19	4157790	4157878	-	0.013939
Rps6kb2	MmuINT0137167	chr19	4157595	4157681	-	0.013015
Rps6kb2	MmuINT0137168	chr19	4157200	4157481	-	0.026415
Rps6kb2	MmuINT0137169	chr19	4162724	4162821	-	0.078042
Rps6kb2	MmuINT0137170	chr19	4162329	4162602	-	0.089968
Rps6kb2	MmuINT0137172	chr19	4159461	4161067	-	0.211275
Rps6kb2	MmuINT0137173	chr19	4159328	4159402	-	0.111234
Rps6kb2	MmuINT0137174	chr19	4159094	4159226	-	0.021851
Rps6kb2	MmuINT0137175	chr19	4158920	4159002	-	0.011949
Rps6kb2	MmuINT0137176	chr19	4158718	4158828	-	0.376016
Rps6kc1	MmuINT0137177	chr1	1.93E+08	1.93E+08	-	0.031037
Rps6kc1	MmuINT0137178	chr1	1.93E+08	1.93E+08	-	0.023935
Rps6kc1	MmuINT0137179	chr1	1.93E+08	1.93E+08	-	0.037881
Rps6kc1	MmuINT0137180	chr1	1.93E+08	1.93E+08	-	0.041337
Rps6kc1	MmuINT0137181	chr1	1.93E+08	1.93E+08	-	0.030259
Rps6kc1	MmuINT0137182	chr1	1.93E+08	1.93E+08	-	0.090781
Rps6kc1	MmuINT0137183	chr1	1.93E+08	1.93E+08	-	0.081002
Rps6kc1	MmuINT0137184	chr1	1.93E+08	1.93E+08	-	0.021106
Rps6kc1	MmuINT0137185	chr1	1.93E+08	1.93E+08	-	0.035969
Rps6kc1	MmuINT0137186	chr1	1.93E+08	1.93E+08	-	0.02057
Rps6kc1	MmuINT0137187	chr1	1.93E+08	1.93E+08	-	0.030766
Rps6kc1	MmuINT0137188	chr1	1.93E+08	1.93E+08	-	0.039975
Rps6kc1	MmuINT0137189	chr1	1.93E+08	1.93E+08	-	0.055628
Rps6kc1	MmuINT0137190	chr1	1.93E+08	1.93E+08	-	0.03303
Rps6kl1	MmuINT0137192	chr12	86477434	86477695	-	0.099356
Rps6kl1	MmuINT0137197	chr12	86480619	86481293	-	0.395448
Rps6kl1	MmuINT0137198	chr12	86479693	86480027	-	0.546572
Rps6kl1	MmuINT0137200	chr12	86477792	86479380	-	0.202009
Rps9	MmuINT0137214	chr7	3656371	3657334	+	0.000673
Rptor	MmuINT0137224	chr11	1.19E+08	1.2E+08	+	0.019187
Rptor	MmuINT0137225	chr11	1.2E+08	1.2E+08	+	0.016305
Rptor	MmuINT0137226	chr11	1.2E+08	1.2E+08	+	0.026198
Rptor	MmuINT0137227	chr11	1.2E+08	1.2E+08	+	0.018082
Rptor	MmuINT0137228	chr11	1.2E+08	1.2E+08	+	0.018126
Rptor	MmuINT0137229	chr11	1.2E+08	1.2E+08	+	0.018146
Rptor	MmuINT0137230	chr11	1.2E+08	1.2E+08	+	0.019014
Rptor	MmuINT0137231	chr11	1.2E+08	1.2E+08	+	0.014136
Rptor	MmuINT0137232	chr11	1.2E+08	1.2E+08	+	0.01396
Rptor	MmuINT0137233	chr11	1.2E+08	1.2E+08	+	0.014683
Rptor	MmuINT0137234	chr11	1.2E+08	1.2E+08	+	0.012265
Rptor	MmuINT0137235	chr11	1.2E+08	1.2E+08	+	0.012308
Rptor	MmuINT0137236	chr11	1.2E+08	1.2E+08	+	0.011293
Rptor	MmuINT0137237	chr11	1.2E+08	1.2E+08	+	0.013092
Rptor	MmuINT0137238	chr11	1.2E+08	1.2E+08	+	0.009306
Rptor	MmuINT0137239	chr11	1.2E+08	1.2E+08	+	0.01027
Rptor	MmuINT0137240	chr11	1.2E+08	1.2E+08	+	0.00979
Rptor	MmuINT0137241	chr11	1.2E+08	1.2E+08	+	0.014138
Rptor	MmuINT0137242	chr11	1.2E+08	1.2E+08	+	0.013076
Rptor	MmuINT0137243	chr11	1.2E+08	1.2E+08	+	0.010857
Rptor	MmuINT0137244	chr11	1.2E+08	1.2E+08	+	0.010429

Rptor	MmuINT0137245	chr11	1.2E+08	1.2E+08	+	0.011359
Rptor	MmuINT0137246	chr11	1.2E+08	1.2E+08	+	0.017677
Rptor	MmuINT0137247	chr11	1.2E+08	1.2E+08	+	0.013766
Rptor	MmuINT0137248	chr11	1.2E+08	1.2E+08	+	0.01244
Rptor	MmuINT0137249	chr11	1.2E+08	1.2E+08	+	0.009385
Rptor	MmuINT0137250	chr11	1.2E+08	1.2E+08	+	0.016173
Rptor	MmuINT0137251	chr11	1.2E+08	1.2E+08	+	0.011961
Rptor	MmuINT0137252	chr11	1.2E+08	1.2E+08	+	0.014031
Rptor	MmuINT0137253	chr11	1.2E+08	1.2E+08	+	0.013934
Rptor	MmuINT0137254	chr11	1.2E+08	1.2E+08	+	0.021967
Rptor	MmuINT0137255	chr11	1.2E+08	1.2E+08	+	0.018111
Rptor	MmuINT0137256	chr11	1.2E+08	1.2E+08	+	0.019327
Rpsd1	MmuINT0137257	chr17	25864793	25865147	+	0.250369
Rpsd1	MmuINT0137258	chr17	25865337	25865467	+	0.132405
Rpsd1	MmuINT0137259	chr17	25865592	25865770	+	0.058966
Rpsd1	MmuINT0137260	chr17	25865874	25866012	+	0.069968
Rpsd1	MmuINT0137261	chr17	25866115	25867313	+	0.04298
Rpsd2	MmuINT0137262	chr2	1.19E+08	1.19E+08	+	0.025652
Rpsd2	MmuINT0137263	chr2	1.19E+08	1.19E+08	+	0.049702
Rpsd3	MmuINT0137264	chr6	1.13E+08	1.13E+08	-	0.041461
Rpsd3	MmuINT0137265	chr6	1.13E+08	1.13E+08	-	0.071824
Rpsd3	MmuINT0137266	chr6	1.13E+08	1.13E+08	-	0.144614
Rpsd3	MmuINT0137267	chr6	1.13E+08	1.13E+08	-	0.104101
Rpsd3	MmuINT0137268	chr6	1.13E+08	1.13E+08	-	0.058221
Rpsd3	MmuINT0137269	chr6	1.13E+08	1.13E+08	-	0.060307
Rpsd3	MmuINT0137270	chr6	1.13E+08	1.13E+08	-	0.082639
Rpsd3	MmuINT0137271	chr6	1.13E+08	1.13E+08	-	0.021521
Rpsd4	MmuINT0137272	chr9	35075664	35075986	+	0.007508
Rpsd4	MmuINT0137273	chr9	35076153	35077549	+	0.01332
Rpsd4	MmuINT0137274	chr9	35077752	35080118	+	0.030356
Rpsd4	MmuINT0137275	chr9	35080213	35080286	+	0.044102
Rpsd4	MmuINT0137276	chr9	35080432	35081052	+	0.012605
Rpsd4	MmuINT0137277	chr9	35081151	35082648	+	0.017313
Rqcd1	MmuINT0137278	chr1	74553036	74563643	+	0.030541
Rqcd1	MmuINT0137279	chr1	74563824	74565474	+	0.01665
Rqcd1	MmuINT0137280	chr1	74565591	74568891	+	0.051862
Rqcd1	MmuINT0137281	chr1	74569002	74570077	+	0.023183
Rqcd1	MmuINT0137282	chr1	74570188	74573565	+	0.063558
Rqcd1	MmuINT0137283	chr1	74573665	74574165	+	0.042293
Rqcd1	MmuINT0137284	chr1	74574258	74575259	+	0.014428
Rad	MmuINT0137285	chr8	1.07E+08	1.07E+08	-	0.04874
Rad	MmuINT0137286	chr8	1.07E+08	1.07E+08	-	0.04011
Rad	MmuINT0137287	chr8	1.07E+08	1.07E+08	-	0.050396
Rad	MmuINT0137288	chr8	1.07E+08	1.07E+08	-	0.053284
Rragc	MmuINT0137299	chr4	1.24E+08	1.24E+08	+	0.008384
Rragc	MmuINT0137300	chr4	1.24E+08	1.24E+08	+	0.006919
Rragc	MmuINT0137301	chr4	1.24E+08	1.24E+08	+	0.011729
Rragc	MmuINT0137302	chr4	1.24E+08	1.24E+08	+	0.005839
Rragc	MmuINT0137303	chr4	1.24E+08	1.24E+08	+	0.015973
Rragc	MmuINT0137304	chr4	1.24E+08	1.24E+08	+	0.033875

Rragd	MmuINT0137305	chr4	33070583	33082776	+	0.002408
Rragd	MmuINT0137306	chr4	33083073	33091125	+	0.002853
Rragd	MmuINT0137307	chr4	33091326	33092108	+	0.002988
Rragd	MmuINT0137308	chr4	33092224	33094044	+	0.003077
Rragd	MmuINT0137309	chr4	33094188	33099878	+	0.002606
Rragd	MmuINT0137310	chr4	33100028	33105621	+	0.003563
Rras	MmuINT0137311	chr7	52273539	52275469	+	0.103521
Rras	MmuINT0137312	chr7	52275558	52275672	+	0.05099
Rras	MmuINT0137313	chr7	52275776	52275859	+	0.010363
Rras	MmuINT0137314	chr7	52275969	52276456	+	0.079506
Rras	MmuINT0137315	chr7	52276576	52276649	+	0.027949
Rras2	MmuINT0137316	chr7	1.21E+08	1.21E+08	-	0.013765
Rras2	MmuINT0137317	chr7	1.21E+08	1.21E+08	-	0.003336
Rras2	MmuINT0137318	chr7	1.21E+08	1.21E+08	-	0.004245
Rras2	MmuINT0137319	chr7	1.21E+08	1.21E+08	-	0.003897
Rras2	MmuINT0137320	chr7	1.21E+08	1.21E+08	-	0.00439
Rrbp1	MmuINT0137321	chr2	1.44E+08	1.44E+08	-	0.006793
Rrbp1	MmuINT0137322	chr2	1.44E+08	1.44E+08	-	0.005145
Rrbp1	MmuINT0137323	chr2	1.44E+08	1.44E+08	-	0.006517
Rrbp1	MmuINT0137324	chr2	1.44E+08	1.44E+08	-	0.01685
Rrbp1	MmuINT0137325	chr2	1.44E+08	1.44E+08	-	0.008076
Rrbp1	MmuINT0137326	chr2	1.44E+08	1.44E+08	-	0.006338
Rrbp1	MmuINT0137327	chr2	1.44E+08	1.44E+08	-	0.008095
Rrbp1	MmuINT0137328	chr2	1.44E+08	1.44E+08	-	0.003397
Rrbp1	MmuINT0137329	chr2	1.44E+08	1.44E+08	-	0.039587
Rrbp1	MmuINT0137330	chr2	1.44E+08	1.44E+08	-	0.01631
Rrbp1	MmuINT0137332	chr2	1.44E+08	1.44E+08	-	0.01277
Rrbp1	MmuINT0137333	chr2	1.44E+08	1.44E+08	-	0.019452
Rrbp1	MmuINT0137334	chr2	1.44E+08	1.44E+08	-	0.00575
Rrbp1	MmuINT0137335	chr2	1.44E+08	1.44E+08	-	0.007572
Rrbp1	MmuINT0137336	chr2	1.44E+08	1.44E+08	-	0.004003
Rrbp1	MmuINT0137337	chr2	1.44E+08	1.44E+08	-	0.003482
Rrbp1	MmuINT0137338	chr2	1.44E+08	1.44E+08	-	0.003559
Rrbp1	MmuINT0137339	chr2	1.44E+08	1.44E+08	-	0.002594
Rrbp1	MmuINT0137340	chr2	1.44E+08	1.44E+08	-	0.002919
Rrbp1	MmuINT0137341	chr2	1.44E+08	1.44E+08	-	0.003649
Rrbp1	MmuINT0137342	chr2	1.44E+08	1.44E+08	-	0.00347
Rrbp1	MmuINT0137343	chr2	1.44E+08	1.44E+08	-	0.008744
Rrbp1	MmuINT0137344	chr2	1.44E+08	1.44E+08	-	0.058587
Rreb1	MmuINT0137346	chr13	37980842	37984420	+	0.017865
Rreb1	MmuINT0137347	chr13	38033574	38038725	+	0.05113
Rreb1	MmuINT0137348	chr13	38039533	38040511	+	0.018493
Rreb1	MmuINT0137349	chr13	37984528	37985640	+	0.018798
Rreb1	MmuINT0137350	chr13	37990371	37991492	+	0.0128
Rreb1	MmuINT0137351	chr13	37991657	38007890	+	0.019798
Rreb1	MmuINT0137352	chr13	38008030	38008327	+	0.013496
Rreb1	MmuINT0137353	chr13	38008465	38019991	+	0.013949
Rreb1	MmuINT0137354	chr13	38020182	38021426	+	0.01234
Rrm1	MmuINT0137366	chr7	1.1E+08	1.1E+08	+	0.027402
Rrm1	MmuINT0137367	chr7	1.1E+08	1.1E+08	+	0.036645

Rrm1	MmuINT0137368	chr7	1.1E+08	1.1E+08	+	0.029006
Rrm1	MmuINT0137369	chr7	1.1E+08	1.1E+08	+	0.025676
Rrm1	MmuINT0137370	chr7	1.1E+08	1.1E+08	+	0.019446
Rrm1	MmuINT0137371	chr7	1.1E+08	1.1E+08	+	0.020776
Rrm1	MmuINT0137372	chr7	1.1E+08	1.1E+08	+	0.03601
Rrm1	MmuINT0137373	chr7	1.1E+08	1.1E+08	+	0.025384
Rrm1	MmuINT0137374	chr7	1.1E+08	1.1E+08	+	0.019683
Rrm1	MmuINT0137375	chr7	1.1E+08	1.1E+08	+	0.01488
Rrm1	MmuINT0137376	chr7	1.1E+08	1.1E+08	+	0.024929
Rrm1	MmuINT0137377	chr7	1.1E+08	1.1E+08	+	0.022885
Rrm1	MmuINT0137378	chr7	1.1E+08	1.1E+08	+	0.034186
Rrm1	MmuINT0137379	chr7	1.1E+08	1.1E+08	+	0.055327
Rrm1	MmuINT0137380	chr7	1.1E+08	1.1E+08	+	0.032167
Rrm1	MmuINT0137381	chr7	1.1E+08	1.1E+08	+	0.021619
Rrm1	MmuINT0137382	chr7	1.1E+08	1.1E+08	+	0.026187
Rrm1	MmuINT0137383	chr7	1.1E+08	1.1E+08	+	0.02584
Rrm2	MmuINT0137386	chr12	25393951	25394189	+	0.049513
Rrm2	MmuINT0137389	chr12	25396407	25396533	+	0.113462
Rrm2	MmuINT0137391	chr12	25397631	25397725	+	0.04207
Rrm2b	MmuINT0137394	chr15	37876607	37883353	-	0.007746
Rrm2b	MmuINT0137395	chr15	37874928	37876489	-	0.001751
Rrm2b	MmuINT0137398	chr15	37861462	37866970	-	0.00127
Rrn3	MmuINT0137401	chr16	13780933	13782085	+	0.009272
Rrn3	MmuINT0137402	chr16	13796171	13798704	+	0.007223
Rrn3	MmuINT0137403	chr16	13798844	13799978	+	0.011004
Rrn3	MmuINT0137404	chr16	13800110	13805041	+	0.006632
Rrn3	MmuINT0137405	chr16	13805173	13806651	+	0.016913
Rrn3	MmuINT0137406	chr16	13806837	13809074	+	0.006847
Rrn3	MmuINT0137407	chr16	13809184	13810596	+	0.007627
Rrn3	MmuINT0137408	chr16	13810750	13811614	+	0.006425
Rrn3	MmuINT0137409	chr16	13811703	13813182	+	0.033506
Rrn3	MmuINT0137410	chr16	13782192	13784165	+	0.01428
Rrn3	MmuINT0137411	chr16	13784223	13788870	+	0.012948
Rrn3	MmuINT0137412	chr16	13788961	13789052	+	0.007616
Rrn3	MmuINT0137413	chr16	13789183	13789625	+	0.008718
Rrn3	MmuINT0137414	chr16	13789686	13790713	+	0.011649
Rrn3	MmuINT0137415	chr16	13790778	13792012	+	0.009181
Rrn3	MmuINT0137416	chr16	13792083	13793040	+	0.008829
Rrn3	MmuINT0137417	chr16	13793140	13796077	+	0.008389
Rrp1	MmuINT0137418	chr10	77874232	77875564	-	0.00362
Rrp1	MmuINT0137419	chr10	77865190	77865354	-	0.003716
Rrp1	MmuINT0137420	chr10	77864712	77865169	-	0.006598
Rrp1	MmuINT0137421	chr10	77863730	77864594	-	0.004247
Rrp1	MmuINT0137422	chr10	77873769	77874148	-	0.002985
Rrp1	MmuINT0137423	chr10	77871965	77873710	-	0.04348
Rrp1	MmuINT0137424	chr10	77871220	77871878	-	0.006084
Rrp1	MmuINT0137425	chr10	77868441	77871157	-	0.015923
Rrp1	MmuINT0137426	chr10	77868225	77868310	-	0.001963
Rrp1	MmuINT0137427	chr10	77868032	77868159	-	0.002819
Rrp1	MmuINT0137428	chr10	77866330	77867669	-	0.005551

Rrp1	MmuINT0137429	chr10	77865453	77866249	-	0.004375
Rrp12	MmuINT0137430	chr19	41969868	41970428	-	0.179063
Rrp12	MmuINT0137431	chr19	41958315	41960136	-	0.063079
Rrp12	MmuINT0137432	chr19	41958011	41958202	-	0.028057
Rrp12	MmuINT0137433	chr19	41956764	41957912	-	0.070028
Rrp12	MmuINT0137434	chr19	41954992	41956648	-	0.033489
Rrp12	MmuINT0137435	chr19	41954714	41954848	-	0.029435
Rrp12	MmuINT0137436	chr19	41952584	41954591	-	0.033755
Rrp12	MmuINT0137437	chr19	41952437	41952518	-	0.041675
Rrp12	MmuINT0137438	chr19	41951981	41952273	-	0.020793
Rrp12	MmuINT0137439	chr19	41951659	41951825	-	0.020086
Rrp12	MmuINT0137440	chr19	41951119	41951590	-	0.031184
Rrp12	MmuINT0137441	chr19	41967112	41969637	-	0.017408
Rrp12	MmuINT0137442	chr19	41949366	41951024	-	0.025356
Rrp12	MmuINT0137443	chr19	41949100	41949206	-	0.018323
Rrp12	MmuINT0137444	chr19	41948832	41949018	-	0.028912
Rrp12	MmuINT0137445	chr19	41948341	41948725	-	0.021682
Rrp12	MmuINT0137446	chr19	41947557	41948232	-	0.016241
Rrp12	MmuINT0137447	chr19	41946315	41947398	-	0.014126
Rrp12	MmuINT0137448	chr19	41946080	41946222	-	0.024069
Rrp12	MmuINT0137449	chr19	41945795	41945911	-	0.013221
Rrp12	MmuINT0137450	chr19	41945426	41945624	-	0.008709
Rrp12	MmuINT0137451	chr19	41943310	41945299	-	0.024119
Rrp12	MmuINT0137452	chr19	41965651	41967027	-	0.028513
Rrp12	MmuINT0137453	chr19	41941263	41943259	-	0.034813
Rrp12	MmuINT0137454	chr19	41940079	41941195	-	0.025787
Rrp12	MmuINT0137455	chr19	41939745	41940010	-	0.024199
Rrp12	MmuINT0137456	chr19	41937803	41939661	-	0.015909
Rrp12	MmuINT0137457	chr19	41964665	41965573	-	0.029703
Rrp12	MmuINT0137458	chr19	41964373	41964558	-	0.024652
Rrp12	MmuINT0137459	chr19	41961640	41964255	-	0.022903
Rrp12	MmuINT0137460	chr19	41961418	41961500	-	0.02157
Rrp12	MmuINT0137461	chr19	41960676	41961289	-	0.02299
Rrp12	MmuINT0137462	chr19	41960229	41960576	-	0.018125
Rrp15	MmuINT0137465	chr1	1.89E+08	1.89E+08	-	0.026704
Rrp15	MmuINT0137466	chr1	1.89E+08	1.89E+08	-	0.007319
Rrp1b	MmuINT0137467	chr17	32173550	32182873	+	0.05341
Rrp1b	MmuINT0137468	chr17	32190900	32192049	+	0.021064
Rrp1b	MmuINT0137469	chr17	32192070	32192855	+	0.037758
Rrp1b	MmuINT0137470	chr17	32192943	32193500	+	0.068388
Rrp1b	MmuINT0137471	chr17	32194202	32195468	+	0.025406
Rrp1b	MmuINT0137472	chr17	32195610	32196218	+	0.026591
Rrp1b	MmuINT0137473	chr17	32196283	32197292	+	0.032769
Rrp1b	MmuINT0137474	chr17	32182957	32184618	+	0.177864
Rrp1b	MmuINT0137475	chr17	32185584	32186370	+	0.132697
Rrp1b	MmuINT0137476	chr17	32186433	32186893	+	0.027756
Rrp1b	MmuINT0137477	chr17	32187024	32188090	+	0.029298
Rrp1b	MmuINT0137478	chr17	32188156	32188627	+	0.026378
Rrp1b	MmuINT0137479	chr17	32188795	32189683	+	0.062989
Rrp1b	MmuINT0137480	chr17	32189773	32190801	+	0.054067

Rrp36	MmuINT0137481	chr17	46809797	46811145	-	0.080241
Rrp36	MmuINT0137482	chr17	46809541	46809654	-	0.027878
Rrp36	MmuINT0137483	chr17	46809390	46809473	-	0.048489
Rrp36	MmuINT0137484	chr17	46807135	46809284	-	0.055559
Rrp36	MmuINT0137485	chr17	46806972	46807059	-	0.016482
Rrp36	MmuINT0137486	chr17	46805036	46806853	-	0.019201
Rrp7a	MmuINT0137488	chr15	82950448	82952261	-	0.000923
Rrp8	MmuINT0137493	chr7	1.13E+08	1.13E+08	-	0.04947
Rrp8	MmuINT0137494	chr7	1.13E+08	1.13E+08	-	0.014359
Rrp8	MmuINT0137495	chr7	1.13E+08	1.13E+08	-	0.023515
Rrp8	MmuINT0137496	chr7	1.13E+08	1.13E+08	-	0.036864
Rrp8	MmuINT0137497	chr7	1.13E+08	1.13E+08	-	0.038866
Rrp8	MmuINT0137498	chr7	1.13E+08	1.13E+08	-	0.015537
Rrp9	MmuINT0137499	chr9	1.06E+08	1.06E+08	+	0.010925
Rrp9	MmuINT0137500	chr9	1.06E+08	1.06E+08	+	0.024587
Rrp9	MmuINT0137501	chr9	1.06E+08	1.06E+08	+	0.038824
Rrp9	MmuINT0137502	chr9	1.06E+08	1.06E+08	+	0.037867
Rrp9	MmuINT0137503	chr9	1.06E+08	1.06E+08	+	0.133452
Rrp9	MmuINT0137504	chr9	1.06E+08	1.06E+08	+	0.015692
Rrp9	MmuINT0137505	chr9	1.06E+08	1.06E+08	+	0.013755
Rrp9	MmuINT0137506	chr9	1.06E+08	1.06E+08	+	0.008155
Rrp9	MmuINT0137507	chr9	1.06E+08	1.06E+08	+	0.015814
Rrp9	MmuINT0137508	chr9	1.06E+08	1.06E+08	+	0.049828
Rrp9	MmuINT0137509	chr9	1.06E+08	1.06E+08	+	0.108893
Rrp9	MmuINT0137510	chr9	1.06E+08	1.06E+08	+	0.024046
Rrp9	MmuINT0137511	chr9	1.06E+08	1.06E+08	+	0.018573
Rrp9	MmuINT0137512	chr9	1.06E+08	1.06E+08	+	0.023421
Rsad1	MmuINT0137518	chr11	94409919	94410296	-	0.144089
Rsad1	MmuINT0137519	chr11	94409678	94409784	-	0.054558
Rsad1	MmuINT0137520	chr11	94406100	94409472	-	0.068364
Rsad1	MmuINT0137521	chr11	94405483	94405733	-	0.033396
Rsad1	MmuINT0137522	chr11	94405017	94405418	-	0.051794
Rsad1	MmuINT0137523	chr11	94404663	94404868	-	0.127153
Rsad1	MmuINT0137524	chr11	94404299	94404607	-	0.092866
Rsad1	MmuINT0137525	chr11	94403962	94404194	-	0.062646
Rsad2	MmuINT0137526	chr12	27139045	27140935	-	0.031548
Rsad2	MmuINT0137527	chr12	27135641	27138882	-	0.05587
Rsad2	MmuINT0137528	chr12	27133598	27135410	-	0.031126
Rsad2	MmuINT0137529	chr12	27132050	27133447	-	0.156755
Rsad2	MmuINT0137530	chr12	27130436	27132016	-	0.128898
Rsbn1	MmuINT0137531	chr3	1.04E+08	1.04E+08	+	0.032176
Rsbn1	MmuINT0137532	chr3	1.04E+08	1.04E+08	+	0.040329
Rsbn1	MmuINT0137533	chr3	1.04E+08	1.04E+08	+	0.037278
Rsbn1	MmuINT0137534	chr3	1.04E+08	1.04E+08	+	0.089129
Rsbn1	MmuINT0137535	chr3	1.04E+08	1.04E+08	+	0.168671
Rsbn1	MmuINT0137536	chr3	1.04E+08	1.04E+08	+	0.037661
Rsbn1l	MmuINT0137538	chr5	20425981	20433437	-	0.031023
Rsbn1l	MmuINT0137539	chr5	20414063	20425342	-	0.0434
Rsbn1l	MmuINT0137541	chr5	20408274	20411597	-	0.068587
Rsbn1l	MmuINT0137542	chr5	20402720	20408105	-	0.034791

Rsb1	MmuINT0137543	chr5	20402523	20402610	-	0.151403
Rsf1	MmuINT0137544	chr7	1.05E+08	1.05E+08	+	0.049285
Rsf1	MmuINT0137545	chr7	1.05E+08	1.05E+08	+	0.043781
Rsf1	MmuINT0137546	chr7	1.05E+08	1.05E+08	+	0.036689
Rsf1	MmuINT0137547	chr7	1.05E+08	1.05E+08	+	0.044025
Rsf1	MmuINT0137548	chr7	1.05E+08	1.05E+08	+	0.056767
Rsf1	MmuINT0137549	chr7	1.05E+08	1.05E+08	+	0.029385
Rsf1	MmuINT0137550	chr7	1.05E+08	1.05E+08	+	0.030449
Rsf1	MmuINT0137551	chr7	1.05E+08	1.05E+08	+	0.042601
Rsf1	MmuINT0137552	chr7	1.05E+08	1.05E+08	+	0.033529
Rsf1	MmuINT0137553	chr7	1.05E+08	1.05E+08	+	0.026315
Rsf1	MmuINT0137554	chr7	1.05E+08	1.05E+08	+	0.058413
Rsf1	MmuINT0137555	chr7	1.05E+08	1.05E+08	+	0.019485
Rsf1	MmuINT0137556	chr7	1.05E+08	1.05E+08	+	0.029514
Rsf1	MmuINT0137557	chr7	1.05E+08	1.05E+08	+	0.044519
Rsf1	MmuINT0137558	chr7	1.05E+08	1.05E+08	+	0.056743
Rsl1	MmuINT0137559	chr13	67274190	67277383	+	0.384108
Rsl1d1	MmuINT0137562	chr16	11202551	11203243	-	0.004908
Rsl1d1	MmuINT0137563	chr16	11201524	11202410	-	0.003876
Rsl1d1	MmuINT0137564	chr16	11199813	11201387	-	0.006211
Rsl1d1	MmuINT0137565	chr16	11199580	11199663	-	0.006675
Rsl1d1	MmuINT0137566	chr16	11196660	11199477	-	0.024875
Rsl1d1	MmuINT0137567	chr16	11196490	11196565	-	0.039551
Rsl1d1	MmuINT0137568	chr16	11194805	11196366	-	0.014352
Rsl1d1	MmuINT0137569	chr16	11193831	11194552	-	0.00904
Rspry1	MmuINT0137630	chr8	97126331	97146733	+	0.020124
Rspry1	MmuINT0137631	chr8	97163567	97170483	+	0.045261
Rspry1	MmuINT0137632	chr8	97170596	97173652	+	0.028839
Rspry1	MmuINT0137633	chr8	97173756	97174094	+	0.01801
Rspry1	MmuINT0137634	chr8	97174248	97178126	+	0.021361
Rspry1	MmuINT0137635	chr8	97178232	97182603	+	0.02548
Rspry1	MmuINT0137636	chr8	97147236	97152955	+	0.041571
Rspry1	MmuINT0137637	chr8	97153009	97153649	+	0.03015
Rspry1	MmuINT0137638	chr8	97153763	97155955	+	0.034457
Rspry1	MmuINT0137639	chr8	97156083	97157005	+	0.051143
Rspry1	MmuINT0137640	chr8	97157065	97159324	+	0.039991
Rspry1	MmuINT0137641	chr8	97159392	97160523	+	0.029142
Rspry1	MmuINT0137642	chr8	97160656	97162162	+	0.020597
Rspry1	MmuINT0137643	chr8	97162279	97163422	+	0.030226
Rsrc1	MmuINT0137644	chr3	66789729	66798438	+	0.024214
Rsrc1	MmuINT0137645	chr3	66798635	66800386	+	0.01273
Rsrc1	MmuINT0137646	chr3	66800513	66886457	+	0.006266
Rsrc1	MmuINT0137650	chr3	67094338	67153830	+	0.023511
Rsrc1	MmuINT0137651	chr3	67153938	67159395	+	0.013813
Rsrc1	MmuINT0137652	chr3	67159549	67160142	+	0.167379
Rsrc2	MmuINT0137655	chr5	1.24E+08	1.24E+08	-	0.007874
Rsrc2	MmuINT0137656	chr5	1.24E+08	1.24E+08	-	0.028988
Rsrc2	MmuINT0137657	chr5	1.24E+08	1.24E+08	-	0.00417
Rsrc2	MmuINT0137658	chr5	1.24E+08	1.24E+08	-	0.46815
Rsrc2	MmuINT0137659	chr5	1.24E+08	1.24E+08	-	0.628044



Rsrc2	MmuINT0137661	chr5	1.24E+08	1.24E+08	-	0.055102
Rsrc2	MmuINT0137662	chr5	1.24E+08	1.24E+08	-	0.015548
Rsu1	MmuINT0137663	chr2	13192650	13192826	-	0.012121
Rsu1	MmuINT0137664	chr2	13163423	13192537	-	0.0091
Rsu1	MmuINT0137665	chr2	13146053	13163371	-	0.007791
Rsu1	MmuINT0137666	chr2	13140755	13145931	-	0.008394
Rsu1	MmuINT0137667	chr2	13138899	13140635	-	0.006556
Rsu1	MmuINT0137668	chr2	13138512	13138815	-	0.005641
Rsu1	MmuINT0137669	chr2	13091758	13138396	-	0.005385
Rtcd1	MmuINT0137676	chr3	1.16E+08	1.16E+08	-	0.013553
Rtcd1	MmuINT0137677	chr3	1.16E+08	1.16E+08	-	0.017736
Rtcd1	MmuINT0137679	chr3	1.16E+08	1.16E+08	-	0.025007
Rtcd1	MmuINT0137680	chr3	1.16E+08	1.16E+08	-	0.012177
Rtcd1	MmuINT0137681	chr3	1.16E+08	1.16E+08	-	0.010706
Rtcd1	MmuINT0137682	chr3	1.16E+08	1.16E+08	-	0.009869
Rtcd1	MmuINT0137683	chr3	1.16E+08	1.16E+08	-	0.015595
Rtcd1	MmuINT0137684	chr3	1.16E+08	1.16E+08	-	0.015119
Rtcd1	MmuINT0137685	chr3	1.16E+08	1.16E+08	-	0.015278
Rtel1	MmuINT0137692	chr2	1.81E+08	1.81E+08	+	0.030587
Rtel1	MmuINT0137698	chr2	1.81E+08	1.81E+08	+	0.102091
Rtel1	MmuINT0137700	chr2	1.81E+08	1.81E+08	+	0.127308
Rtel1	MmuINT0137702	chr2	1.81E+08	1.81E+08	+	0.310462
Rtel1	MmuINT0137703	chr2	1.81E+08	1.81E+08	+	0.048297
Rtel1	MmuINT0137704	chr2	1.81E+08	1.81E+08	+	0.300551
Rtel1	MmuINT0137705	chr2	1.81E+08	1.81E+08	+	0.043002
Rtel1	MmuINT0137706	chr2	1.81E+08	1.81E+08	+	0.219019
Rtel1	MmuINT0137707	chr2	1.81E+08	1.81E+08	+	0.06181
Rtel1	MmuINT0137708	chr2	1.81E+08	1.81E+08	+	0.052392
Rtel1	MmuINT0137709	chr2	1.81E+08	1.81E+08	+	0.200719
Rtel1	MmuINT0137710	chr2	1.81E+08	1.81E+08	+	0.040311
Rtel1	MmuINT0137711	chr2	1.81E+08	1.81E+08	+	0.054638
Rtel1	MmuINT0137712	chr2	1.81E+08	1.81E+08	+	0.054929
Rtel1	MmuINT0137713	chr2	1.81E+08	1.81E+08	+	0.10755
Rtel1	MmuINT0137715	chr2	1.81E+08	1.81E+08	+	0.516521
Rtel1	MmuINT0137716	chr2	1.81E+08	1.81E+08	+	0.636362
Rtel1	MmuINT0137720	chr2	1.81E+08	1.81E+08	+	0.0654
Rtel1	MmuINT0137722	chr2	1.81E+08	1.81E+08	+	0.054315
Rtel1	MmuINT0137725	chr2	1.81E+08	1.81E+08	+	0.855298
Rtf1	MmuINT0137726	chr2	1.2E+08	1.2E+08	+	0.008016
Rtf1	MmuINT0137727	chr2	1.2E+08	1.2E+08	+	0.014558
Rtf1	MmuINT0137728	chr2	1.2E+08	1.2E+08	+	0.011028
Rtf1	MmuINT0137729	chr2	1.2E+08	1.2E+08	+	0.014752
Rtf1	MmuINT0137730	chr2	1.2E+08	1.2E+08	+	0.017625
Rtf1	MmuINT0137731	chr2	1.2E+08	1.2E+08	+	0.039313
Rtf1	MmuINT0137732	chr2	1.2E+08	1.2E+08	+	0.011549
Rtf1	MmuINT0137733	chr2	1.2E+08	1.2E+08	+	0.018283
Rtf1	MmuINT0137734	chr2	1.2E+08	1.2E+08	+	0.008201
Rtf1	MmuINT0137735	chr2	1.2E+08	1.2E+08	+	0.007337
Rtf1	MmuINT0137736	chr2	1.2E+08	1.2E+08	+	0.007117
Rtf1	MmuINT0137737	chr2	1.2E+08	1.2E+08	+	0.021124

Rtf1	MmuINT0137738	chr2	1.2E+08	1.2E+08	+	0.008168
Rtf1	MmuINT0137739	chr2	1.2E+08	1.2E+08	+	0.008663
Rtf1	MmuINT0137740	chr2	1.2E+08	1.2E+08	+	0.006158
Rtf1	MmuINT0137741	chr2	1.2E+08	1.2E+08	+	0.009285
Rtf1	MmuINT0137742	chr2	1.2E+08	1.2E+08	+	0.046874
Rtkn	MmuINT0137744	chr6	83101071	83101230	+	0.154925
Rtkn	MmuINT0137745	chr6	83101336	83101879	+	0.391052
Rtkn	MmuINT0137748	chr6	83097700	83097821	+	0.099733
Rtkn	MmuINT0137749	chr6	83097940	83098099	+	0.045425
Rtkn	MmuINT0137750	chr6	83098310	83099457	+	0.085278
Rtkn	MmuINT0137751	chr6	83099553	83099665	+	0.059317
Rtkn	MmuINT0137752	chr6	83099773	83099965	+	0.110534
Rtkn	MmuINT0137753	chr6	83100095	83100901	+	0.20898
Rtn1	MmuINT0137771	chr12	73320383	73324318	-	0.063758
Rtn2	MmuINT0137781	chr7	19878633	19878951	+	0.006481
Rtn2	MmuINT0137782	chr7	19879091	19879196	+	0.001479
Rtn2	MmuINT0137783	chr7	19879267	19879767	+	0.002198
Rtn2	MmuINT0137784	chr7	19879815	19880799	+	0.005283
Rtn3	MmuINT0137789	chr19	7509629	7557428	-	0.009732
Rtn3	MmuINT0137790	chr19	7507081	7509420	-	0.006719
Rtn3	MmuINT0137791	chr19	7506526	7506941	-	0.003614
Rtn3	MmuINT0137792	chr19	7505523	7506455	-	0.005944
Rtn3	MmuINT0137793	chr19	7504300	7505475	-	0.003783
Rtn3	MmuINT0137794	chr19	7502366	7504240	-	0.017529
Rtn4	MmuINT0137795	chr11	29618883	29633632	+	0.039253
Rtn4	MmuINT0137796	chr11	29633841	29636359	+	0.003223
Rtn4	MmuINT0137797	chr11	29636499	29640980	+	0.022328
Rtn4	MmuINT0137798	chr11	29641051	29641499	+	0.015581
Rtn4	MmuINT0137799	chr11	29641547	29641694	+	0.011851
Rtn4	MmuINT0137800	chr11	29641754	29641986	+	0.008351
Rtn4	MmuINT0137805	chr11	29593694	29605534	+	0.045393
Rtn4ip1	MmuINT0137807	chr10	43622343	43627564	+	0.002669
Rtn4ip1	MmuINT0137808	chr10	43627717	43629712	+	0.004695
Rtn4ip1	MmuINT0137809	chr10	43629782	43630598	+	0.003956
Rtn4ip1	MmuINT0137810	chr10	43630724	43641192	+	0.00366
Rtn4ip1	MmuINT0137811	chr10	43641242	43648128	+	0.00372
Rtn4ip1	MmuINT0137812	chr10	43648266	43652168	+	0.010487
Rtn4ip1	MmuINT0137813	chr10	43652353	43655804	+	0.002373
Rtn4ip1	MmuINT0137814	chr10	43655898	43666226	+	0.003466
Rtn4rl2	MmuINT0137817	chr2	84721027	84726818	-	0.047592
Rtn4rl2	MmuINT0137818	chr2	84712853	84720544	-	0.105227
Rtp4	MmuINT0137822	chr16	23610236	23612966	+	0.054401
Rttn	MmuINT0137826	chr18	89178847	89180243	+	0.058418
Rttn	MmuINT0137854	chr18	89265039	89271022	+	0.071628
Rttn	MmuINT0137862	chr18	89285037	89290223	+	0.102981
Rufy1	MmuINT0137872	chr11	50218124	50219868	-	0.004199
Rufy1	MmuINT0137873	chr11	50215038	50217955	-	0.005608
Rufy1	MmuINT0137874	chr11	50211993	50214939	-	0.008422
Rufy1	MmuINT0137875	chr11	50211276	50211872	-	0.005481
Rufy1	MmuINT0137876	chr11	50208518	50211145	-	0.004798

Rufy1	MmuINT0137877	chr11	50205570	50208422	-	0.032053
Rufy1	MmuINT0137878	chr11	50203874	50205520	-	0.031106
Rufy1	MmuINT0137879	chr11	50203461	50203795	-	0.009683
Rufy1	MmuINT0137880	chr11	50233997	50235131	-	0.007135
Rufy1	MmuINT0137881	chr11	50233225	50233878	-	0.015172
Rufy1	MmuINT0137882	chr11	50230810	50233122	-	0.00549
Rufy1	MmuINT0137883	chr11	50229804	50230685	-	0.006953
Rufy1	MmuINT0137884	chr11	50228085	50229741	-	0.023865
Rufy1	MmuINT0137885	chr11	50224138	50228018	-	0.006517
Rufy1	MmuINT0137886	chr11	50221427	50224067	-	0.026695
Rufy1	MmuINT0137887	chr11	50219986	50221324	-	0.005318
Rufy2	MmuINT0137888	chr10	62443081	62445418	+	0.070299
Rufy2	MmuINT0137891	chr10	62465029	62467404	+	0.323973
Rufy2	MmuINT0137892	chr10	62467525	62469372	+	0.059289
Rufy2	MmuINT0137893	chr10	62469503	62470421	+	0.242194
Rufy2	MmuINT0137894	chr10	62470517	62472103	+	0.576446
Rufy2	MmuINT0137895	chr10	62472153	62474165	+	0.104741
Rufy2	MmuINT0137896	chr10	62474244	62474337	+	0.086421
Rufy2	MmuINT0137899	chr10	62453830	62455864	+	0.057822
Rufy2	MmuINT0137904	chr10	62460731	62460826	+	0.052931
Rufy3	MmuINT0137906	chr5	89064301	89066216	+	0.01195
Rufy3	MmuINT0137907	chr5	89066385	89068005	+	0.013177
Rufy3	MmuINT0137908	chr5	89068104	89069613	+	0.729784
Rufy3	MmuINT0137909	chr5	89044140	89045486	+	0.013339
Rufy3	MmuINT0137910	chr5	89045605	89046359	+	0.017098
Rufy3	MmuINT0137911	chr5	89046462	89050325	+	0.011857
Rufy3	MmuINT0137912	chr5	89050450	89056245	+	0.014096
Rufy3	MmuINT0137913	chr5	89056308	89057049	+	0.017908
Rufy3	MmuINT0137914	chr5	89057116	89059561	+	0.017013
Rufy3	MmuINT0137915	chr5	89059632	89061463	+	0.016607
Rufy3	MmuINT0137916	chr5	89061557	89064216	+	0.012961
Rundc1	MmuINT0137926	chr11	1.01E+08	1.01E+08	+	0.077893
Rundc1	MmuINT0137927	chr11	1.01E+08	1.01E+08	+	0.019564
Rundc1	MmuINT0137928	chr11	1.01E+08	1.01E+08	+	0.085412
Rundc1	MmuINT0137929	chr11	1.01E+08	1.01E+08	+	0.086705
Rundc2a	MmuINT0137936	chr16	11401143	11403552	+	0.047266
Rusc1	MmuINT0137989	chr3	88893690	88895059	-	0.9854
Rusc1	MmuINT0137990	chr3	88893484	88893590	-	0.013405
Rusc1	MmuINT0137991	chr3	88893274	88893406	-	0.140809
Rusc1	MmuINT0137992	chr3	88893028	88893098	-	0.051194
Rusc1	MmuINT0137993	chr3	88892769	88892921	-	0.075366
Rusc1	MmuINT0137994	chr3	88892191	88892721	-	0.042688
Rusc1	MmuINT0137995	chr3	88890818	88891640	-	0.047097
Rusc1	MmuINT0137996	chr3	88888573	88890694	-	0.034906
Rusc2	MmuINT0138002	chr4	43439001	43439099	+	0.036356
Rusc2	MmuINT0138003	chr4	43439238	43439319	+	0.384176
Rusc2	MmuINT0138004	chr4	43429591	43434476	+	0.022309
Rusc2	MmuINT0138005	chr4	43435122	43435312	+	0.070634
Rusc2	MmuINT0138006	chr4	43435499	43435590	+	0.016643
Rusc2	MmuINT0138007	chr4	43435732	43436546	+	0.035243

Rusc2	MmuINT0138008	chr4	43436624	43436791	+	0.036413
Rusc2	MmuINT0138009	chr4	43436967	43437055	+	0.010569
Rusc2	MmuINT0138010	chr4	43437162	43437769	+	0.127431
Rusc2	MmuINT0138011	chr4	43437817	43438168	+	0.020256
Ruvbl2	MmuINT0138022	chr7	52686745	52689621	-	0.063883
Ruvbl2	MmuINT0138023	chr7	52679568	52679652	-	0.016202
Ruvbl2	MmuINT0138024	chr7	52678178	52679448	-	0.016632
Ruvbl2	MmuINT0138025	chr7	52677885	52678057	-	0.036301
Ruvbl2	MmuINT0138026	chr7	52677577	52677754	-	0.036512
Ruvbl2	MmuINT0138027	chr7	52677376	52677461	-	0.028919
Ruvbl2	MmuINT0138028	chr7	52685335	52686689	-	0.050508
Ruvbl2	MmuINT0138029	chr7	52684966	52685278	-	0.011321
Ruvbl2	MmuINT0138030	chr7	52684153	52684823	-	0.008522
Ruvbl2	MmuINT0138031	chr7	52683916	52684022	-	0.008837
Ruvbl2	MmuINT0138032	chr7	52680621	52683848	-	0.0172
Ruvbl2	MmuINT0138033	chr7	52680415	52680513	-	0.006397
Ruvbl2	MmuINT0138034	chr7	52680176	52680320	-	0.012026
Ruvbl2	MmuINT0138035	chr7	52679748	52680051	-	0.012432
Rwdd1	MmuINT0138036	chr10	33731944	33739171	-	0.003753
Rwdd1	MmuINT0138038	chr10	33722374	33728798	-	0.000143
Rwdd2b	MmuINT0138045	chr16	87437760	87440681	-	0.113288
Rwdd2b	MmuINT0138046	chr16	87437377	87437538	-	0.044081
Rwdd2b	MmuINT0138047	chr16	87437181	87437308	-	0.042166
Rwdd2b	MmuINT0138048	chr16	87434872	87436817	-	0.038471
Rwdd3	MmuINT0138054	chr3	1.21E+08	1.21E+08	-	0.063501
Rwdd3	MmuINT0138055	chr3	1.21E+08	1.21E+08	-	0.235833
Rwdd4a	MmuINT0138056	chr8	48619298	48622632	+	0.007172
Rwdd4a	MmuINT0138057	chr8	48622714	48628045	+	0.006922
Rwdd4a	MmuINT0138058	chr8	48628156	48628235	+	0.011333
Rwdd4a	MmuINT0138059	chr8	48628384	48629464	+	0.011039
Rwdd4a	MmuINT0138060	chr8	48629583	48633142	+	0.010198
Rwdd4a	MmuINT0138061	chr8	48633193	48636045	+	0.009318
Rxra	MmuINT0138096	chr2	27532981	27592818	+	0.015822
Rxra	MmuINT0138097	chr2	27593085	27596572	+	0.004793
Rxra	MmuINT0138098	chr2	27596724	27597283	+	0.004375
Rxra	MmuINT0138099	chr2	27597464	27604131	+	0.003167
Rxra	MmuINT0138100	chr2	27604302	27607831	+	0.004194
Rxra	MmuINT0138101	chr2	27607962	27609742	+	0.005196
Rxra	MmuINT0138102	chr2	27609876	27611718	+	0.006859
Rxra	MmuINT0138103	chr2	27611811	27613280	+	0.018279
Rxra	MmuINT0138104	chr2	27613387	27615060	+	0.011062
Rxrb	MmuINT0138105	chr17	34169169	34169771	+	0.081042
Rxrb	MmuINT0138106	chr17	34169990	34170499	+	0.013171
Rxrb	MmuINT0138107	chr17	34170657	34170966	+	0.00765
Rxrb	MmuINT0138108	chr17	34171147	34172598	+	0.040983
Rxrb	MmuINT0138109	chr17	34172772	34173269	+	0.056426
Rxrb	MmuINT0138110	chr17	34173400	34173569	+	0.02739
Rxrb	MmuINT0138111	chr17	34173703	34173817	+	0.125388
Rxrb	MmuINT0138112	chr17	34173910	34174111	+	0.040196
Rxrb	MmuINT0138113	chr17	34174218	34174328	+	0.007231

Rxrg	MmuINT0138116	chr1	1.7E+08	1.7E+08	+	0.027306
Rxrg	MmuINT0138117	chr1	1.7E+08	1.7E+08	+	0.013027
Rxrg	MmuINT0138118	chr1	1.7E+08	1.7E+08	+	0.005948
Rxrg	MmuINT0138119	chr1	1.7E+08	1.7E+08	+	0.002306
Rxrg	MmuINT0138120	chr1	1.7E+08	1.7E+08	+	0.008067
Rxrg	MmuINT0138121	chr1	1.7E+08	1.7E+08	+	0.021377
Rxrg	MmuINT0138122	chr1	1.7E+08	1.7E+08	+	0.007429
Rxrg	MmuINT0138123	chr1	1.7E+08	1.7E+08	+	0.006357
Rybp	MmuINT0138140	chr6	1E+08	1E+08	-	0.032589
Ryk	MmuINT0138143	chr9	1.03E+08	1.03E+08	+	0.011688
Ryk	MmuINT0138144	chr9	1.03E+08	1.03E+08	+	0.006122
Ryk	MmuINT0138145	chr9	1.03E+08	1.03E+08	+	0.005184
Ryk	MmuINT0138146	chr9	1.03E+08	1.03E+08	+	0.004542
Ryk	MmuINT0138147	chr9	1.03E+08	1.03E+08	+	0.006927
Ryk	MmuINT0138148	chr9	1.03E+08	1.03E+08	+	0.005882
Ryk	MmuINT0138149	chr9	1.03E+08	1.03E+08	+	0.006802
Ryk	MmuINT0138150	chr9	1.03E+08	1.03E+08	+	0.007061
Ryk	MmuINT0138151	chr9	1.03E+08	1.03E+08	+	0.009925
Ryk	MmuINT0138152	chr9	1.03E+08	1.03E+08	+	0.008571
Ryk	MmuINT0138153	chr9	1.03E+08	1.03E+08	+	0.009297
Ryk	MmuINT0138154	chr9	1.03E+08	1.03E+08	+	0.013814
Ryk	MmuINT0138155	chr9	1.03E+08	1.03E+08	+	0.011969
Ryr2	MmuINT0138261	chr13	12038270	12198665	-	0.010744
Ryr2	MmuINT0138262	chr13	11945458	11960383	-	0.003877
Ryr2	MmuINT0138263	chr13	11652948	11659114	-	0.003104
Ryr2	MmuINT0138264	chr13	11650379	11652790	-	0.005485
Ryr2	MmuINT0138265	chr13	11648966	11650313	-	0.001229
Ryr2	MmuINT0138266	chr13	11647750	11648864	-	0.00382
Ryr2	MmuINT0138267	chr13	11646879	11647697	-	0.001592
Ryr2	MmuINT0138268	chr13	11943482	11945382	-	0.002224
Ryr2	MmuINT0138269	chr13	11926356	11943324	-	0.001501
Ryr2	MmuINT0138270	chr13	11921946	11926190	-	0.001773
Ryr2	MmuINT0138271	chr13	11919985	11921823	-	0.002028
Ryr2	MmuINT0138272	chr13	11916677	11919800	-	0.002905
Ryr2	MmuINT0138273	chr13	11903246	11916540	-	0.002136
Ryr2	MmuINT0138274	chr13	11894193	11903149	-	0.003881
Ryr2	MmuINT0138275	chr13	11893539	11894073	-	0.001566
Ryr2	MmuINT0138276	chr13	11892191	11893404	-	0.001225
Ryr2	MmuINT0138277	chr13	12010683	12038149	-	0.002492
Ryr2	MmuINT0138278	chr13	11887002	11891948	-	0.003413
Ryr2	MmuINT0138279	chr13	11885153	11886808	-	0.004967
Ryr2	MmuINT0138280	chr13	11882631	11884935	-	0.001461
Ryr2	MmuINT0138281	chr13	11877409	11882525	-	0.052135
Ryr2	MmuINT0138282	chr13	11871536	11877304	-	0.002061
Ryr2	MmuINT0138283	chr13	11864847	11871451	-	0.00199
Ryr2	MmuINT0138284	chr13	11862267	11864686	-	0.057057
Ryr2	MmuINT0138285	chr13	11853703	11862118	-	0.047457
Ryr2	MmuINT0138286	chr13	11852113	11853493	-	0.002416
Ryr2	MmuINT0138287	chr13	11844672	11851937	-	0.002499
Ryr2	MmuINT0138288	chr13	11995506	12010577	-	0.002465

Ryr2	MmuINT0138289	chr13	11843309	11844462	-	0.001881
Ryr2	MmuINT0138290	chr13	11841818	11842955	-	0.001196
Ryr2	MmuINT0138291	chr13	11839916	11841702	-	0.005375
Ryr2	MmuINT0138292	chr13	11838027	11839754	-	0.0025
Ryr2	MmuINT0138293	chr13	11837532	11837863	-	0.002221
Ryr2	MmuINT0138294	chr13	11834348	11837444	-	0.003874
Ryr2	MmuINT0138295	chr13	11830788	11834120	-	0.002129
Ryr2	MmuINT0138296	chr13	11827939	11829988	-	0.001497
Ryr2	MmuINT0138297	chr13	11824019	11827737	-	0.01363
Ryr2	MmuINT0138298	chr13	11822754	11823912	-	0.001814
Ryr2	MmuINT0138300	chr13	11819398	11822609	-	0.016368
Ryr2	MmuINT0138301	chr13	11816645	11819123	-	0.001818
Ryr2	MmuINT0138302	chr13	11815131	11816529	-	0.002502
Ryr2	MmuINT0138303	chr13	11814122	11814997	-	0.001969
Ryr2	MmuINT0138304	chr13	11810773	11814017	-	0.001586
Ryr2	MmuINT0138305	chr13	11809395	11810636	-	0.001216
Ryr2	MmuINT0138306	chr13	11806890	11809207	-	0.012331
Ryr2	MmuINT0138307	chr13	11804523	11806783	-	0.001728
Ryr2	MmuINT0138308	chr13	11802354	11804401	-	0.001472
Ryr2	MmuINT0138309	chr13	11800510	11802183	-	0.001146
Ryr2	MmuINT0138310	chr13	11977806	11983100	-	0.002843
Ryr2	MmuINT0138311	chr13	11800140	11800288	-	0.001398
Ryr2	MmuINT0138312	chr13	11798990	11800048	-	0.00144
Ryr2	MmuINT0138313	chr13	11798066	11798848	-	0.001696
Ryr2	MmuINT0138314	chr13	11795843	11797901	-	0.009234
Ryr2	MmuINT0138315	chr13	11793136	11795763	-	0.003579
Ryr2	MmuINT0138316	chr13	11792653	11793045	-	0.001337
Ryr2	MmuINT0138317	chr13	11784984	11792514	-	0.001234
Ryr2	MmuINT0138318	chr13	11782635	11784905	-	0.001489
Ryr2	MmuINT0138319	chr13	11780281	11782558	-	0.002
Ryr2	MmuINT0138320	chr13	11779326	11780156	-	0.001504
Ryr2	MmuINT0138321	chr13	11975391	11977730	-	0.001862
Ryr2	MmuINT0138322	chr13	11776794	11779209	-	0.001793
Ryr2	MmuINT0138323	chr13	11773355	11776728	-	0.001618
Ryr2	MmuINT0138324	chr13	11768515	11773232	-	0.001654
Ryr2	MmuINT0138325	chr13	11762257	11768464	-	0.002453
Ryr2	MmuINT0138326	chr13	11761319	11762195	-	0.001306
Ryr2	MmuINT0138327	chr13	11759428	11761079	-	0.002485
Ryr2	MmuINT0138328	chr13	11758279	11759345	-	0.001063
Ryr2	MmuINT0138329	chr13	11754654	11758147	-	0.031814
Ryr2	MmuINT0138330	chr13	11752609	11754332	-	0.000993
Ryr2	MmuINT0138331	chr13	11751305	11752367	-	0.001311
Ryr2	MmuINT0138332	chr13	11971855	11975311	-	0.002278
Ryr2	MmuINT0138333	chr13	11749393	11751216	-	0.001334
Ryr2	MmuINT0138334	chr13	11748056	11749299	-	0.000848
Ryr2	MmuINT0138335	chr13	11746693	11747884	-	0.00094
Ryr2	MmuINT0138336	chr13	11742132	11746632	-	0.001301
Ryr2	MmuINT0138337	chr13	11740005	11741996	-	0.004232
Ryr2	MmuINT0138338	chr13	11738873	11739968	-	0.015577
Ryr2	MmuINT0138339	chr13	11736168	11738759	-	0.00101

Ryr2	MmuINT0138340	chr13	11732645	11736070	-	0.001609
Ryr2	MmuINT0138341	chr13	11730751	11732540	-	0.002709
Ryr2	MmuINT0138342	chr13	11727846	11730698	-	0.001711
Ryr2	MmuINT0138343	chr13	11961484	11971741	-	0.002353
Ryr2	MmuINT0138344	chr13	11715269	11727791	-	0.007077
Ryr2	MmuINT0138345	chr13	11713662	11715168	-	0.001425
Ryr2	MmuINT0138346	chr13	11711814	11713581	-	0.006078
Ryr2	MmuINT0138347	chr13	11710948	11711736	-	0.001532
Ryr2	MmuINT0138348	chr13	11697504	11710873	-	0.004185
Ryr2	MmuINT0138349	chr13	11696041	11697422	-	0.001118
Ryr2	MmuINT0138350	chr13	11694155	11695951	-	0.001161
Ryr2	MmuINT0138351	chr13	11690878	11694025	-	0.001251
Ryr2	MmuINT0138352	chr13	11689420	11690772	-	0.001056
Ryr2	MmuINT0138353	chr13	11688247	11689337	-	0.000744
Ryr2	MmuINT0138354	chr13	11960481	11961383	-	0.002464
Ryr2	MmuINT0138355	chr13	11685425	11686948	-	0.00065
Ryr2	MmuINT0138356	chr13	11683640	11685359	-	0.002896
Ryr2	MmuINT0138357	chr13	11680496	11683491	-	0.001584
Ryr2	MmuINT0138358	chr13	11679705	11680408	-	0.000515
Ryr2	MmuINT0138359	chr13	11677806	11679482	-	0.001204
Ryr2	MmuINT0138360	chr13	11676446	11677674	-	0.002333
Ryr2	MmuINT0138361	chr13	11670181	11676402	-	0.001459
Ryr2	MmuINT0138362	chr13	11664574	11670046	-	0.002682
Ryr2	MmuINT0138363	chr13	11660886	11664512	-	0.006822
Ryr2	MmuINT0138364	chr13	11659250	11660738	-	0.001917
S100a1	MmuINT0138468	chr3	90316072	90318122	-	0.005101
S100a10	MmuINT0138470	chr3	93359134	93364865	+	0.008802
S100a10	MmuINT0138471	chr3	93365018	93368164	+	0.010555
S100a13	MmuINT0138474	chr3	90318942	90319771	+	0.027507
S100a13	MmuINT0138475	chr3	90319965	90328274	+	0.002363
S100a16	MmuINT0138479	chr3	90345240	90345915	+	0.077854
S100a16	MmuINT0138480	chr3	90346095	90346286	+	0.016939
S100a4	MmuINT0138484	chr3	90407729	90408918	+	0.09224
S100a4	MmuINT0138485	chr3	90409075	90409661	+	0.018992
S100a6	MmuINT0138488	chr3	90417149	90417664	+	0.003822
S100a6	MmuINT0138489	chr3	90417827	90418112	+	0.009799
S100a8	MmuINT0138492	chr3	90473025	90473440	+	0.051857
S100a8	MmuINT0138493	chr3	90473605	90473760	+	0.019406
S100a9	MmuINT0138494	chr3	90499217	90499589	-	0.067859
S100a9	MmuINT0138495	chr3	90496857	90499054	-	0.021578
S100pbp	MmuINT0138501	chr4	1.29E+08	1.29E+08	-	0.127159
S100pbp	MmuINT0138503	chr4	1.29E+08	1.29E+08	-	0.021665
S100pbp	MmuINT0138504	chr4	1.29E+08	1.29E+08	-	0.050717
S100pbp	MmuINT0138505	chr4	1.29E+08	1.29E+08	-	0.032216
S1pr1	MmuINT0138507	chr3	1.15E+08	1.15E+08	-	0.037374
S1pr2	MmuINT0138508	chr9	20773015	20781041	-	0.071449
S1pr3	MmuINT0138509	chr13	51504315	51514010	+	0.026197
Saal1	MmuINT0138523	chr7	53964348	53965867	-	0.055118
Saal1	MmuINT0138524	chr7	53945266	53948148	-	0.060727
Saal1	MmuINT0138525	chr7	53944826	53945172	-	0.071599

Saal1	MmuINT0138527	chr7	53959464	53962362	-	0.052782
Saal1	MmuINT0138529	chr7	53957888	53957990	-	0.059506
Saal1	MmuINT0138530	chr7	53957332	53957771	-	0.041324
Saal1	MmuINT0138531	chr7	53955089	53957150	-	0.090901
Saal1	MmuINT0138532	chr7	53954923	53955005	-	0.037241
Saal1	MmuINT0138533	chr7	53948346	53954733	-	0.029314
Sac3d1	MmuINT0138534	chr19	6116588	6117796	-	0.021168
Sacm1l	MmuINT0138535	chr9	1.23E+08	1.23E+08	+	0.015468
Sacm1l	MmuINT0138536	chr9	1.23E+08	1.23E+08	+	0.007399
Sacm1l	MmuINT0138537	chr9	1.23E+08	1.23E+08	+	0.012277
Sacm1l	MmuINT0138538	chr9	1.23E+08	1.23E+08	+	0.011168
Sacm1l	MmuINT0138539	chr9	1.23E+08	1.23E+08	+	0.046505
Sacm1l	MmuINT0138540	chr9	1.23E+08	1.23E+08	+	0.018053
Sacm1l	MmuINT0138541	chr9	1.23E+08	1.23E+08	+	0.016935
Sacm1l	MmuINT0138542	chr9	1.23E+08	1.23E+08	+	0.016369
Sacm1l	MmuINT0138543	chr9	1.23E+08	1.23E+08	+	0.007173
Sacm1l	MmuINT0138544	chr9	1.23E+08	1.23E+08	+	0.015472
Sacm1l	MmuINT0138545	chr9	1.23E+08	1.23E+08	+	0.008968
Sacm1l	MmuINT0138546	chr9	1.23E+08	1.23E+08	+	0.014591
Sacm1l	MmuINT0138547	chr9	1.23E+08	1.23E+08	+	0.008718
Sacm1l	MmuINT0138548	chr9	1.23E+08	1.23E+08	+	0.008002
Sacm1l	MmuINT0138549	chr9	1.23E+08	1.23E+08	+	0.009714
Sacm1l	MmuINT0138550	chr9	1.23E+08	1.23E+08	+	0.014033
Sacm1l	MmuINT0138551	chr9	1.23E+08	1.23E+08	+	0.010925
Sacm1l	MmuINT0138552	chr9	1.23E+08	1.23E+08	+	0.007733
Sacm1l	MmuINT0138553	chr9	1.23E+08	1.23E+08	+	0.011439
Sacs	MmuINT0138561	chr14	61811430	61812224	+	0.057283
Sae1	MmuINT0138563	chr7	16963826	16972989	-	0.00661
Sae1	MmuINT0138564	chr7	16955810	16963713	-	0.007081
Sae1	MmuINT0138565	chr7	16954001	16955635	-	0.004748
Sae1	MmuINT0138566	chr7	16952256	16953857	-	0.003482
Sae1	MmuINT0138567	chr7	16944491	16952155	-	0.005271
Sae1	MmuINT0138568	chr7	16922188	16944384	-	0.005792
Sae1	MmuINT0138569	chr7	16916032	16922042	-	0.00632
Sae1	MmuINT0138570	chr7	16913279	16915961	-	0.002766
Safb	MmuINT0138571	chr17	56724774	56728204	+	0.011117
Safb	MmuINT0138572	chr17	56740395	56740470	+	0.021478
Safb	MmuINT0138573	chr17	56740554	56740649	+	0.013465
Safb	MmuINT0138574	chr17	56740790	56740865	+	0.022428
Safb	MmuINT0138575	chr17	56740955	56742299	+	0.025865
Safb	MmuINT0138576	chr17	56742407	56742954	+	0.020737
Safb	MmuINT0138577	chr17	56743246	56743568	+	0.022244
Safb	MmuINT0138578	chr17	56743707	56743788	+	0.025701
Safb	MmuINT0138579	chr17	56743832	56744706	+	0.046481
Safb	MmuINT0138580	chr17	56744823	56744979	+	0.120452
Safb	MmuINT0138581	chr17	56745081	56745219	+	0.090168
Safb	MmuINT0138582	chr17	56728290	56733112	+	0.017554
Safb	MmuINT0138583	chr17	56745287	56745398	+	0.035766
Safb	MmuINT0138584	chr17	56733178	56733257	+	0.008052
Safb	MmuINT0138585	chr17	56733465	56735074	+	0.0278



Safb	MmuINT0138586	chr17	56735138	56737210	+	0.122156
Safb	MmuINT0138589	chr17	56739096	56739760	+	0.040346
Safb	MmuINT0138590	chr17	56739856	56740244	+	0.008573
Safb2	MmuINT0138591	chr17	56722495	56723696	-	0.007112
Safb2	MmuINT0138592	chr17	56710743	56710822	-	0.041166
Safb2	MmuINT0138593	chr17	56708446	56710632	-	0.372103
Safb2	MmuINT0138594	chr17	56707048	56708317	-	0.006205
Safb2	MmuINT0138596	chr17	56706040	56706301	-	0.007172
Safb2	MmuINT0138597	chr17	56705506	56705748	-	0.008688
Safb2	MmuINT0138598	chr17	56704685	56705367	-	0.006137
Safb2	MmuINT0138599	chr17	56704058	56704641	-	0.015958
Safb2	MmuINT0138600	chr17	56703048	56703926	-	0.052447
Safb2	MmuINT0138601	chr17	56702855	56702934	-	0.067343
Safb2	MmuINT0138602	chr17	56718409	56722406	-	0.01055
Safb2	MmuINT0138603	chr17	56702667	56702784	-	0.271325
Safb2	MmuINT0138604	chr17	56718268	56718343	-	0.017545
Safb2	MmuINT0138605	chr17	56717329	56718063	-	0.115881
Safb2	MmuINT0138606	chr17	56716329	56717265	-	0.020018
Safb2	MmuINT0138609	chr17	56713726	56714325	-	0.161713
Safb2	MmuINT0138610	chr17	56710973	56713624	-	0.02103
Sall4	MmuINT0138634	chr2	1.69E+08	1.69E+08	-	0.938777
Samd1	MmuINT0138637	chr8	86522465	86522841	+	0.074111
Samd1	MmuINT0138638	chr8	86523140	86523222	+	0.014588
Samd1	MmuINT0138639	chr8	86523320	86523414	+	0.008288
Samd1	MmuINT0138640	chr8	86523527	86523615	+	0.013511
Samd10	MmuINT0138644	chr2	1.81E+08	1.81E+08	-	0.068089
Samd14	MmuINT0138657	chr11	94884930	94885891	+	0.715627
Samd4	MmuINT0138672	chr14	47502844	47504073	+	0.020633
Samd4	MmuINT0138673	chr14	47708846	47715765	+	0.015326
Samd4	MmuINT0138674	chr14	47715850	47721105	+	0.008967
Samd4	MmuINT0138675	chr14	47504692	47635951	+	0.008096
Samd4	MmuINT0138676	chr14	47636471	47683894	+	0.03098
Samd4	MmuINT0138677	chr14	47684005	47686062	+	0.007657
Samd4	MmuINT0138678	chr14	47686150	47693510	+	0.018987
Samd4	MmuINT0138679	chr14	47693824	47697181	+	0.027582
Samd4	MmuINT0138680	chr14	47697268	47703171	+	0.010247
Samd4	MmuINT0138681	chr14	47703291	47707433	+	0.021987
Samd4	MmuINT0138682	chr14	47707636	47708718	+	0.008962
Samd4b	MmuINT0138684	chr7	29188763	29188882	-	0.017674
Samd4b	MmuINT0138685	chr7	29186927	29188638	-	0.013653
Samd4b	MmuINT0138686	chr7	29186637	29186842	-	0.482349
Samd4b	MmuINT0138687	chr7	29199362	29208454	-	0.008352
Samd4b	MmuINT0138688	chr7	29193195	29198890	-	0.026169
Samd4b	MmuINT0138689	chr7	29192598	29192954	-	0.014999
Samd4b	MmuINT0138690	chr7	29192337	29192487	-	0.011066
Samd4b	MmuINT0138691	chr7	29191707	29192249	-	0.014954
Samd4b	MmuINT0138692	chr7	29191059	29191387	-	0.015783
Samd4b	MmuINT0138693	chr7	29190627	29190972	-	0.024572
Samd4b	MmuINT0138694	chr7	29189082	29190507	-	0.016949
Samd8	MmuINT0138704	chr14	22570003	22594184	+	0.476137

Samd8	MmuINT0138705	chr14	22594778	22599307	+	0.019736
Samd8	MmuINT0138706	chr14	22599404	22602900	+	0.022197
Samd8	MmuINT0138707	chr14	22603019	22611625	+	0.033888
Samd8	MmuINT0138708	chr14	22611777	22612158	+	0.017931
Samhd1	MmuINT0138712	chr2	1.57E+08	1.57E+08	-	0.012856
Samhd1	MmuINT0138713	chr2	1.57E+08	1.57E+08	-	0.044138
Samhd1	MmuINT0138714	chr2	1.57E+08	1.57E+08	-	0.013498
Samhd1	MmuINT0138715	chr2	1.57E+08	1.57E+08	-	0.014023
Samhd1	MmuINT0138716	chr2	1.57E+08	1.57E+08	-	0.008661
Samhd1	MmuINT0138717	chr2	1.57E+08	1.57E+08	-	0.026815
Samhd1	MmuINT0138718	chr2	1.57E+08	1.57E+08	-	0.245264
Samhd1	MmuINT0138719	chr2	1.57E+08	1.57E+08	-	0.015864
Samhd1	MmuINT0138720	chr2	1.57E+08	1.57E+08	-	0.011308
Samhd1	MmuINT0138721	chr2	1.57E+08	1.57E+08	-	0.009177
Samhd1	MmuINT0138722	chr2	1.57E+08	1.57E+08	-	0.026726
Samhd1	MmuINT0138723	chr2	1.57E+08	1.57E+08	-	0.016119
Samhd1	MmuINT0138724	chr2	1.57E+08	1.57E+08	-	0.013649
Samhd1	MmuINT0138725	chr2	1.57E+08	1.57E+08	-	0.008847
Samhd1	MmuINT0138726	chr2	1.57E+08	1.57E+08	-	0.029951
Samm50	MmuINT0138727	chr15	84022815	84026173	+	0.001253
Samm50	MmuINT0138728	chr15	84034526	84037300	+	0.002806
Samm50	MmuINT0138729	chr15	84037372	84038262	+	0.000883
Samm50	MmuINT0138730	chr15	84038331	84040913	+	0.004664
Samm50	MmuINT0138731	chr15	84041061	84041466	+	0.001856
Samm50	MmuINT0138732	chr15	84041609	84044555	+	0.007399
Samm50	MmuINT0138733	chr15	84026285	84027434	+	0.0006
Samm50	MmuINT0138734	chr15	84027537	84029003	+	0.000642
Samm50	MmuINT0138735	chr15	84029092	84030202	+	0.000672
Samm50	MmuINT0138736	chr15	84030310	84030722	+	0.001347
Samm50	MmuINT0138737	chr15	84030854	84031059	+	0.006064
Samm50	MmuINT0138738	chr15	84031148	84032659	+	0.02009
Samm50	MmuINT0138739	chr15	84032789	84033198	+	0.002181
Samm50	MmuINT0138740	chr15	84033271	84034438	+	0.00139
Sap130	MmuINT0138748	chr18	31794144	31795635	+	0.029867
Sap130	MmuINT0138749	chr18	31826664	31834008	+	0.015969
Sap130	MmuINT0138750	chr18	31834151	31837009	+	0.01958
Sap130	MmuINT0138751	chr18	31837132	31840022	+	0.022129
Sap130	MmuINT0138752	chr18	31840326	31841663	+	0.297401
Sap130	MmuINT0138753	chr18	31841839	31849051	+	0.018628
Sap130	MmuINT0138754	chr18	31849157	31858175	+	0.019863
Sap130	MmuINT0138755	chr18	31858535	31870851	+	0.010553
Sap130	MmuINT0138756	chr18	31871101	31871262	+	0.014124
Sap130	MmuINT0138757	chr18	31871389	31874994	+	0.091257
Sap130	MmuINT0138758	chr18	31875099	31880310	+	0.015264
Sap130	MmuINT0138759	chr18	31795754	31806694	+	0.018147
Sap130	MmuINT0138760	chr18	31880425	31881825	+	0.011338
Sap130	MmuINT0138761	chr18	31806931	31807787	+	0.019833
Sap130	MmuINT0138762	chr18	31807947	31809198	+	0.019299
Sap130	MmuINT0138763	chr18	31809311	31810144	+	0.023026
Sap130	MmuINT0138764	chr18	31810270	31813155	+	0.029527

Sap130	MmuINT0138765	chr18	31813281	31825994	+	0.03353
Sap130	MmuINT0138766	chr18	31826143	31826289	+	0.019838
Sap130	MmuINT0138767	chr18	31826381	31826558	+	0.016233
Sap25	MmuINT0138768	chr5	1.38E+08	1.38E+08	+	0.147194
Sap25	MmuINT0138769	chr5	1.38E+08	1.38E+08	+	0.135025
Sap25	MmuINT0138770	chr5	1.38E+08	1.38E+08	+	0.082325
Sap25	MmuINT0138771	chr5	1.38E+08	1.38E+08	+	0.019518
Sap30	MmuINT0138772	chr8	59964433	59966048	-	0.009852
Sap30	MmuINT0138773	chr8	59963938	59964306	-	0.016407
Sap30	MmuINT0138774	chr8	59961848	59963838	-	0.023905
Sap30bp	MmuINT0138775	chr11	1.16E+08	1.16E+08	+	0.010728
Sap30bp	MmuINT0138776	chr11	1.16E+08	1.16E+08	+	0.012851
Sap30bp	MmuINT0138777	chr11	1.16E+08	1.16E+08	+	0.019601
Sap30bp	MmuINT0138778	chr11	1.16E+08	1.16E+08	+	0.026184
Sap30bp	MmuINT0138779	chr11	1.16E+08	1.16E+08	+	0.02464
Sap30bp	MmuINT0138780	chr11	1.16E+08	1.16E+08	+	0.032142
Sap30bp	MmuINT0138781	chr11	1.16E+08	1.16E+08	+	0.035568
Sap30bp	MmuINT0138782	chr11	1.16E+08	1.16E+08	+	0.035634
Sap30bp	MmuINT0138783	chr11	1.16E+08	1.16E+08	+	0.019285
Sap30bp	MmuINT0138784	chr11	1.16E+08	1.16E+08	+	0.022297
Sap30l	MmuINT0138785	chr11	57615792	57619545	+	0.005301
Sap30l	MmuINT0138786	chr11	57619669	57621525	+	0.015424
Sap30l	MmuINT0138787	chr11	57621625	57623443	+	0.013824
Sar1a	MmuINT0138788	chr10	61143162	61147627	+	0.01626
Sar1a	MmuINT0138789	chr10	61147702	61147813	+	0.002263
Sar1a	MmuINT0138790	chr10	61147934	61148301	+	0.002608
Sar1a	MmuINT0138791	chr10	61148368	61149122	+	0.00467
Sar1a	MmuINT0138792	chr10	61149227	61152521	+	0.11698
Sar1a	MmuINT0138793	chr10	61152654	61154032	+	0.003442
Sar1b	MmuINT0138794	chr11	51577294	51590988	+	0.002986
Sar1b	MmuINT0138795	chr11	51591064	51593190	+	0.002436
Sar1b	MmuINT0138796	chr11	51593311	51596273	+	0.001719
Sar1b	MmuINT0138797	chr11	51596340	51601651	+	0.004173
Sar1b	MmuINT0138798	chr11	51601756	51602698	+	0.003299
Sar1b	MmuINT0138799	chr11	51602831	51604828	+	0.003451
Sardh	MmuINT0138802	chr2	27082681	27083763	-	0.051146
Sardh	MmuINT0138804	chr2	27076302	27080488	-	0.060173
Sardh	MmuINT0138805	chr2	27074432	27076162	-	0.283624
Sardh	MmuINT0138806	chr2	27070706	27074317	-	0.021384
Sardh	MmuINT0138807	chr2	27066625	27070557	-	0.023983
Sardh	MmuINT0138808	chr2	27053212	27066530	-	0.02804
Sardh	MmuINT0138809	chr2	27052338	27053048	-	0.01437
Sardh	MmuINT0138810	chr2	27047535	27052168	-	0.016708
Sars	MmuINT0138837	chr3	1.08E+08	1.08E+08	-	0.002873
Sars	MmuINT0138838	chr3	1.08E+08	1.08E+08	-	0.264057
Sars	MmuINT0138839	chr3	1.08E+08	1.08E+08	-	0.002006
Sars	MmuINT0138840	chr3	1.08E+08	1.08E+08	-	0.004958
Sars	MmuINT0138841	chr3	1.08E+08	1.08E+08	-	0.008074
Sars	MmuINT0138842	chr3	1.08E+08	1.08E+08	-	0.003139
Sars	MmuINT0138843	chr3	1.08E+08	1.08E+08	-	0.021092

Sars	MmuINT0138844	chr3	1.08E+08	1.08E+08	-	0.010951
Sars	MmuINT0138845	chr3	1.08E+08	1.08E+08	-	0.002308
Sars	MmuINT0138846	chr3	1.08E+08	1.08E+08	-	0.004659
Sars	MmuINT0138847	chr3	1.08E+08	1.08E+08	-	0.278292
Sars2	MmuINT0138848	chr7	29527302	29529260	+	0.014876
Sars2	MmuINT0138849	chr7	29534946	29535029	+	0.031504
Sars2	MmuINT0138850	chr7	29535118	29535200	+	0.017439
Sars2	MmuINT0138851	chr7	29535311	29537260	+	0.01703
Sars2	MmuINT0138852	chr7	29537355	29537444	+	0.014296
Sars2	MmuINT0138853	chr7	29537538	29537621	+	0.028878
Sars2	MmuINT0138854	chr7	29537688	29538449	+	0.015094
Sars2	MmuINT0138855	chr7	29529357	29531470	+	0.015017
Sars2	MmuINT0138856	chr7	29531501	29531759	+	0.017079
Sars2	MmuINT0138857	chr7	29531901	29531977	+	0.019889
Sars2	MmuINT0138858	chr7	29532033	29532505	+	0.07205
Sars2	MmuINT0138859	chr7	29532570	29532850	+	0.13411
Sars2	MmuINT0138860	chr7	29532957	29533973	+	0.07499
Sars2	MmuINT0138861	chr7	29534022	29534595	+	0.092782
Sars2	MmuINT0138862	chr7	29534705	29534899	+	0.019706
Sart1	MmuINT0138864	chr19	5383074	5383154	-	0.004922
Sart1	MmuINT0138865	chr19	5382858	5382939	-	0.025909
Sart1	MmuINT0138866	chr19	5382360	5382714	-	0.201239
Sart1	MmuINT0138867	chr19	5382072	5382185	-	0.004369
Sart1	MmuINT0138868	chr19	5381754	5381960	-	0.01018
Sart1	MmuINT0138869	chr19	5381301	5381665	-	0.050036
Sart1	MmuINT0138870	chr19	5381117	5381209	-	0.007273
Sart1	MmuINT0138871	chr19	5380528	5380980	-	0.01702
Sart1	MmuINT0138872	chr19	5380342	5380437	-	0.011832
Sart1	MmuINT0138873	chr19	5380136	5380219	-	0.026551
Sart1	MmuINT0138874	chr19	5385519	5385811	-	0.042656
Sart1	MmuINT0138875	chr19	5384950	5385462	-	0.0368
Sart1	MmuINT0138876	chr19	5384724	5384822	-	0.010903
Sart1	MmuINT0138877	chr19	5384448	5384617	-	0.009063
Sart1	MmuINT0138878	chr19	5384264	5384369	-	0.006774
Sart1	MmuINT0138879	chr19	5384078	5384163	-	0.004075
Sart1	MmuINT0138880	chr19	5383827	5383934	-	0.004856
Sart1	MmuINT0138881	chr19	5383280	5383619	-	0.01557
Sart3	MmuINT0138882	chr5	1.14E+08	1.14E+08	-	0.025497
Sart3	MmuINT0138883	chr5	1.14E+08	1.14E+08	-	0.03666
Sart3	MmuINT0138884	chr5	1.14E+08	1.14E+08	-	0.070786
Sart3	MmuINT0138885	chr5	1.14E+08	1.14E+08	-	0.05285
Sart3	MmuINT0138886	chr5	1.14E+08	1.14E+08	-	0.02312
Sart3	MmuINT0138887	chr5	1.14E+08	1.14E+08	-	0.022421
Sart3	MmuINT0138889	chr5	1.14E+08	1.14E+08	-	0.140995
Sart3	MmuINT0138890	chr5	1.14E+08	1.14E+08	-	0.029589
Sart3	MmuINT0138891	chr5	1.14E+08	1.14E+08	-	0.042292
Sart3	MmuINT0138892	chr5	1.14E+08	1.14E+08	-	0.028206
Sart3	MmuINT0138893	chr5	1.14E+08	1.14E+08	-	0.031481
Sart3	MmuINT0138894	chr5	1.14E+08	1.14E+08	-	0.054332
Sart3	MmuINT0138895	chr5	1.14E+08	1.14E+08	-	0.040256

Sart3	MmuINT0138896	chr5	1.14E+08	1.14E+08	-	0.024658
Sart3	MmuINT0138897	chr5	1.14E+08	1.14E+08	-	0.081046
Sart3	MmuINT0138898	chr5	1.14E+08	1.14E+08	-	0.084268
Sart3	MmuINT0138899	chr5	1.14E+08	1.14E+08	-	0.052952
Sash1	MmuINT0138901	chr10	8465989	8470936	-	0.048064
Sash1	MmuINT0138902	chr10	8464430	8465913	-	0.02481
Sash1	MmuINT0138903	chr10	8462362	8464285	-	0.019728
Sash1	MmuINT0138904	chr10	8461396	8462225	-	0.017803
Sash1	MmuINT0138905	chr10	8460182	8461225	-	0.017463
Sash1	MmuINT0138906	chr10	8459270	8459971	-	0.017124
Sash1	MmuINT0138907	chr10	8453508	8459118	-	0.032482
Sash1	MmuINT0138908	chr10	8450235	8453393	-	0.051315
Sash1	MmuINT0138909	chr10	8447788	8449125	-	0.021611
Sash1	MmuINT0138910	chr10	8445559	8447655	-	0.033744
Sash1	MmuINT0138915	chr10	8504109	8506145	-	0.032156
Sash1	MmuINT0138916	chr10	8500419	8503995	-	0.044306
Sash1	MmuINT0138917	chr10	8476560	8500316	-	0.049257
Sash1	MmuINT0138918	chr10	8471284	8476426	-	0.02212
Sat1	MmuINT0138940	chrX	1.52E+08	1.52E+08	-	0.007758
Sat1	MmuINT0138941	chrX	1.52E+08	1.52E+08	-	0.335225
Sat2	MmuINT0138944	chr11	69435835	69435994	+	0.059151
Sat2	MmuINT0138945	chr11	69436047	69436208	+	0.068303
Sat2	MmuINT0138946	chr11	69436293	69436361	+	0.139519
Sat2	MmuINT0138947	chr11	69436464	69436613	+	0.21059
Sat2	MmuINT0138948	chr11	69436655	69436992	+	0.119168
Satb1	MmuINT0138953	chr17	51944699	51948367	-	0.010955
Satb1	MmuINT0138954	chr17	51943766	51944521	-	0.015771
Satb1	MmuINT0138955	chr17	51942880	51943638	-	0.016283
Satb1	MmuINT0138956	chr17	51924966	51942755	-	0.009272
Satb1	MmuINT0138957	chr17	51922392	51924853	-	0.013966
Satb1	MmuINT0138958	chr17	51914744	51921936	-	0.008926
Satb1	MmuINT0138959	chr17	51907373	51914530	-	0.023523
Satb1	MmuINT0138960	chr17	51882175	51907216	-	0.012615
Sav1	MmuINT0138977	chr12	71085640	71087660	-	0.013875
Sav1	MmuINT0138978	chr12	71077226	71085195	-	0.05631
Sav1	MmuINT0138979	chr12	71070201	71076954	-	0.025826
Sav1	MmuINT0138980	chr12	71067335	71070056	-	0.012472
Sbds	MmuINT0138981	chr5	1.31E+08	1.31E+08	-	0.001687
Sbds	MmuINT0138983	chr5	1.31E+08	1.31E+08	-	0.001237
Sbds	MmuINT0138984	chr5	1.31E+08	1.31E+08	-	0.058373
Sbf1	MmuINT0138985	chr15	89139002	89145492	-	0.020592
Sbf1	MmuINT0138986	chr15	89136089	89136425	-	0.015266
Sbf1	MmuINT0138987	chr15	89135904	89135974	-	0.05777
Sbf1	MmuINT0138988	chr15	89135693	89135774	-	0.02286
Sbf1	MmuINT0138989	chr15	89135517	89135593	-	0.048885
Sbf1	MmuINT0138990	chr15	89135229	89135311	-	0.010618
Sbf1	MmuINT0138991	chr15	89134391	89135115	-	0.023645
Sbf1	MmuINT0138992	chr15	89133973	89134240	-	0.014575
Sbf1	MmuINT0138993	chr15	89133810	89133903	-	0.012997
Sbf1	MmuINT0138994	chr15	89133577	89133650	-	0.010332

Sbf1	MmuINT0138995	chr15	89133209	89133307	-	0.008442
Sbf1	MmuINT0138996	chr15	89138591	89138915	-	0.015139
Sbf1	MmuINT0138997	chr15	89132957	89133035	-	0.015866
Sbf1	MmuINT0138998	chr15	89132809	89132882	-	0.031393
Sbf1	MmuINT0138999	chr15	89132402	89132612	-	0.059602
Sbf1	MmuINT0139000	chr15	89131383	89132273	-	0.011803
Sbf1	MmuINT0139001	chr15	89131096	89131203	-	0.007413
Sbf1	MmuINT0139002	chr15	89130860	89130958	-	0.008201
Sbf1	MmuINT0139003	chr15	89130333	89130651	-	0.030917
Sbf1	MmuINT0139004	chr15	89130052	89130135	-	0.013097
Sbf1	MmuINT0139005	chr15	89126008	89129913	-	0.856539
Sbf1	MmuINT0139006	chr15	89125744	89125825	-	0.012406
Sbf1	MmuINT0139007	chr15	89138277	89138452	-	0.010562
Sbf1	MmuINT0139008	chr15	89124936	89125563	-	0.007644
Sbf1	MmuINT0139009	chr15	89124761	89124833	-	0.010789
Sbf1	MmuINT0139010	chr15	89124503	89124574	-	0.010276
Sbf1	MmuINT0139011	chr15	89124301	89124375	-	0.011738
Sbf1	MmuINT0139012	chr15	89124098	89124169	-	0.022149
Sbf1	MmuINT0139013	chr15	89120462	89123866	-	0.007525
Sbf1	MmuINT0139014	chr15	89120248	89120353	-	0.008402
Sbf1	MmuINT0139015	chr15	89119541	89120035	-	0.051768
Sbf1	MmuINT0139016	chr15	89119375	89119452	-	0.069563
Sbf1	MmuINT0139017	chr15	89119157	89119242	-	0.022092
Sbf1	MmuINT0139018	chr15	89138035	89138117	-	0.028928
Sbf1	MmuINT0139019	chr15	89137367	89137923	-	0.015857
Sbf1	MmuINT0139020	chr15	89137142	89137260	-	0.021459
Sbf1	MmuINT0139021	chr15	89136909	89137008	-	0.009789
Sbf1	MmuINT0139022	chr15	89136725	89136799	-	0.012558
Sbf1	MmuINT0139023	chr15	89136504	89136610	-	0.013325
Sbf2	MmuINT0139026	chr7	1.18E+08	1.18E+08	-	0.035086
Sbf2	MmuINT0139027	chr7	1.18E+08	1.18E+08	-	0.013708
Sbf2	MmuINT0139028	chr7	1.18E+08	1.18E+08	-	0.009681
Sbf2	MmuINT0139029	chr7	1.18E+08	1.18E+08	-	0.012543
Sbf2	MmuINT0139030	chr7	1.18E+08	1.18E+08	-	0.009032
Sbf2	MmuINT0139032	chr7	1.18E+08	1.18E+08	-	0.013283
Sbf2	MmuINT0139033	chr7	1.18E+08	1.18E+08	-	0.015753
Sbf2	MmuINT0139034	chr7	1.18E+08	1.18E+08	-	0.011277
Sbf2	MmuINT0139035	chr7	1.18E+08	1.18E+08	-	0.009847
Sbf2	MmuINT0139036	chr7	1.18E+08	1.18E+08	-	0.007183
Sbf2	MmuINT0139037	chr7	1.18E+08	1.18E+08	-	0.01335
Sbf2	MmuINT0139038	chr7	1.18E+08	1.18E+08	-	0.010288
Sbf2	MmuINT0139039	chr7	1.18E+08	1.18E+08	-	0.015062
Sbf2	MmuINT0139040	chr7	1.18E+08	1.18E+08	-	0.009969
Sbf2	MmuINT0139041	chr7	1.18E+08	1.18E+08	-	0.010975
Sbf2	MmuINT0139042	chr7	1.18E+08	1.18E+08	-	0.008269
Sbf2	MmuINT0139043	chr7	1.18E+08	1.18E+08	-	0.006316
Sbf2	MmuINT0139044	chr7	1.17E+08	1.18E+08	-	0.008388
Sbf2	MmuINT0139045	chr7	1.17E+08	1.17E+08	-	0.008165
Sbf2	MmuINT0139046	chr7	1.17E+08	1.17E+08	-	0.17983
Sbf2	MmuINT0139047	chr7	1.17E+08	1.17E+08	-	0.159404

Sbf2	MmuINT0139049	chr7	1.17E+08	1.17E+08	-	0.011579
Sbf2	MmuINT0139050	chr7	1.17E+08	1.17E+08	-	0.011192
Sbf2	MmuINT0139051	chr7	1.17E+08	1.17E+08	-	0.008106
Sbf2	MmuINT0139052	chr7	1.17E+08	1.17E+08	-	0.009926
Sbf2	MmuINT0139053	chr7	1.17E+08	1.17E+08	-	0.013631
Sbf2	MmuINT0139054	chr7	1.17E+08	1.17E+08	-	0.009719
Sbf2	MmuINT0139055	chr7	1.17E+08	1.17E+08	-	0.006768
Sbf2	MmuINT0139056	chr7	1.17E+08	1.17E+08	-	0.015665
Sbf2	MmuINT0139057	chr7	1.17E+08	1.17E+08	-	0.018156
Sbf2	MmuINT0139058	chr7	1.17E+08	1.17E+08	-	0.047265
Sbf2	MmuINT0139059	chr7	1.18E+08	1.18E+08	-	0.012809
Sbf2	MmuINT0139060	chr7	1.17E+08	1.17E+08	-	0.01536
Sbf2	MmuINT0139061	chr7	1.18E+08	1.18E+08	-	0.011789
Sbf2	MmuINT0139062	chr7	1.18E+08	1.18E+08	-	0.016793
Sbf2	MmuINT0139063	chr7	1.18E+08	1.18E+08	-	0.009915
Sbf2	MmuINT0139064	chr7	1.18E+08	1.18E+08	-	0.015384
Sbf2	MmuINT0139065	chr7	1.18E+08	1.18E+08	-	0.014835
Sbk1	MmuINT0139066	chr7	1.33E+08	1.33E+08	+	0.302491
Sbk1	MmuINT0139067	chr7	1.33E+08	1.33E+08	+	0.003028
Sbk1	MmuINT0139068	chr7	1.33E+08	1.33E+08	+	0.004448
Sbk2	MmuINT0139069	chr7	4914788	4915902	-	0.262437
Sbno1	MmuINT0139072	chr5	1.25E+08	1.25E+08	-	0.600386
Sbno1	MmuINT0139073	chr5	1.25E+08	1.25E+08	-	0.020792
Sbno1	MmuINT0139074	chr5	1.25E+08	1.25E+08	-	0.01011
Sbno1	MmuINT0139075	chr5	1.25E+08	1.25E+08	-	0.009998
Sbno1	MmuINT0139076	chr5	1.25E+08	1.25E+08	-	0.010088
Sbno1	MmuINT0139077	chr5	1.25E+08	1.25E+08	-	0.007099
Sbno1	MmuINT0139078	chr5	1.25E+08	1.25E+08	-	0.009673
Sbno1	MmuINT0139079	chr5	1.25E+08	1.25E+08	-	0.006274
Sbno1	MmuINT0139080	chr5	1.25E+08	1.25E+08	-	0.011969
Sbno1	MmuINT0139081	chr5	1.25E+08	1.25E+08	-	0.007414
Sbno1	MmuINT0139082	chr5	1.25E+08	1.25E+08	-	0.007318
Sbno1	MmuINT0139083	chr5	1.25E+08	1.25E+08	-	0.019365
Sbno1	MmuINT0139084	chr5	1.25E+08	1.25E+08	-	0.008723
Sbno1	MmuINT0139085	chr5	1.25E+08	1.25E+08	-	0.008079
Sbno1	MmuINT0139086	chr5	1.25E+08	1.25E+08	-	0.010643
Sbno1	MmuINT0139087	chr5	1.25E+08	1.25E+08	-	0.014006
Sbno1	MmuINT0139088	chr5	1.25E+08	1.25E+08	-	0.012672
Sbno1	MmuINT0139089	chr5	1.25E+08	1.25E+08	-	0.017374
Sbno1	MmuINT0139090	chr5	1.25E+08	1.25E+08	-	0.008806
Sbno1	MmuINT0139091	chr5	1.25E+08	1.25E+08	-	0.012792
Sbno1	MmuINT0139092	chr5	1.25E+08	1.25E+08	-	0.009988
Sbno1	MmuINT0139093	chr5	1.25E+08	1.25E+08	-	0.008486
Sbno1	MmuINT0139094	chr5	1.25E+08	1.25E+08	-	0.020866
Sbno1	MmuINT0139095	chr5	1.25E+08	1.25E+08	-	0.010164
Sbno1	MmuINT0139096	chr5	1.25E+08	1.25E+08	-	0.007571
Sbno1	MmuINT0139097	chr5	1.25E+08	1.25E+08	-	0.00909
Sbno1	MmuINT0139098	chr5	1.25E+08	1.25E+08	-	0.025493
Sbno1	MmuINT0139099	chr5	1.25E+08	1.25E+08	-	0.014864
Sbno1	MmuINT0139100	chr5	1.25E+08	1.25E+08	-	0.010077

Sbno1	MmuINT0139101	chr5	1.25E+08	1.25E+08	-	0.012922
Sbno2	MmuINT0139103	chr10	79549178	79565354	-	0.04815
Sbno2	MmuINT0139104	chr10	79531217	79531429	-	0.048415
Sbno2	MmuINT0139105	chr10	79530140	79531072	-	0.02773
Sbno2	MmuINT0139106	chr10	79529682	79530021	-	0.084709
Sbno2	MmuINT0139107	chr10	79529449	79529575	-	0.036919
Sbno2	MmuINT0139108	chr10	79527242	79529294	-	0.097669
Sbno2	MmuINT0139109	chr10	79526988	79527064	-	0.023254
Sbno2	MmuINT0139110	chr10	79526474	79526889	-	0.037468
Sbno2	MmuINT0139111	chr10	79525505	79526393	-	0.059871
Sbno2	MmuINT0139112	chr10	79525077	79525312	-	0.052055
Sbno2	MmuINT0139113	chr10	79524193	79524906	-	0.081307
Sbno2	MmuINT0139114	chr10	79547060	79549001	-	0.036962
Sbno2	MmuINT0139115	chr10	79523865	79524060	-	0.08505
Sbno2	MmuINT0139116	chr10	79523647	79523728	-	0.043178
Sbno2	MmuINT0139117	chr10	79523407	79523533	-	0.038913
Sbno2	MmuINT0139118	chr10	79523248	79523334	-	0.031348
Sbno2	MmuINT0139119	chr10	79522985	79523138	-	0.03908
Sbno2	MmuINT0139120	chr10	79522825	79522909	-	0.069708
Sbno2	MmuINT0139121	chr10	79521645	79522680	-	0.028176
Sbno2	MmuINT0139122	chr10	79521478	79521549	-	0.776276
Sbno2	MmuINT0139123	chr10	79521293	79521381	-	0.051065
Sbno2	MmuINT0139124	chr10	79521075	79521160	-	0.059026
Sbno2	MmuINT0139125	chr10	79545472	79546985	-	0.04921
Sbno2	MmuINT0139126	chr10	79520892	79520997	-	0.060523
Sbno2	MmuINT0139127	chr10	79520610	79520700	-	0.032844
Sbno2	MmuINT0139128	chr10	79535264	79545359	-	0.18059
Sbno2	MmuINT0139129	chr10	79532797	79535101	-	0.056825
Sbno2	MmuINT0139132	chr10	79531738	79532026	-	0.017806
Sbno2	MmuINT0139133	chr10	79531521	79531603	-	0.036702
Sc4mol	MmuINT0139141	chr8	67206706	67212304	-	0.039311
Sc4mol	MmuINT0139142	chr8	67202534	67206420	-	0.031444
Sc4mol	MmuINT0139143	chr8	67201388	67202384	-	0.027892
Sc4mol	MmuINT0139144	chr8	67199294	67201260	-	0.035968
Sc4mol	MmuINT0139145	chr8	67197979	67199138	-	0.052044
Sc5d	MmuINT0139146	chr9	42070215	42072288	-	0.031667
Sc5d	MmuINT0139147	chr9	42067983	42070133	-	0.01908
Sc5d	MmuINT0139148	chr9	42066797	42067764	-	0.016807
Sc5d	MmuINT0139149	chr9	42064291	42066663	-	0.020181
Sc5d	MmuINT0139150	chr9	42063881	42064189	-	0.011646
Scaf1	MmuINT0139151	chr7	52268964	52271449	-	0.293961
Scaf1	MmuINT0139152	chr7	52258742	52258866	-	0.019249
Scaf1	MmuINT0139153	chr7	52268645	52268849	-	0.049659
Scaf1	MmuINT0139154	chr7	52268166	52268586	-	0.017033
Scaf1	MmuINT0139155	chr7	52267796	52268067	-	0.024122
Scaf1	MmuINT0139156	chr7	52267609	52267694	-	0.007825
Scaf1	MmuINT0139157	chr7	52264343	52267492	-	0.075688
Scaf1	MmuINT0139158	chr7	52261294	52261675	-	0.01878
Scaf1	MmuINT0139159	chr7	52260994	52261210	-	0.0276
Scaf1	MmuINT0139160	chr7	52258996	52260774	-	0.01649



Scai	MmuINT0139164	chr2	38954996	38957840	-	0.242097
Scai	MmuINT0139165	chr2	38950305	38954895	-	0.060112
Scai	MmuINT0139168	chr2	38935698	38935893	-	0.119688
Scai	MmuINT0139169	chr2	38930677	38935596	-	0.064755
Scai	MmuINT0139175	chr2	38962827	38963826	-	0.047551
Scamp1	MmuINT0139178	chr13	95023026	95055174	-	0.011183
Scamp1	MmuINT0139179	chr13	95003136	95022947	-	0.007955
Scamp1	MmuINT0139180	chr13	95002136	95003036	-	0.006879
Scamp1	MmuINT0139181	chr13	94999798	95002026	-	0.007712
Scamp1	MmuINT0139182	chr13	94995010	94999668	-	0.00697
Scamp1	MmuINT0139183	chr13	94980634	94994849	-	0.006002
Scamp1	MmuINT0139184	chr13	94978209	94980531	-	0.01215
Scamp1	MmuINT0139185	chr13	94974119	94978090	-	0.005615
Scamp2	MmuINT0139186	chr9	57408918	57424999	+	0.009723
Scamp2	MmuINT0139187	chr9	57425069	57425445	+	0.009045
Scamp2	MmuINT0139188	chr9	57425545	57427239	+	0.029689
Scamp2	MmuINT0139189	chr9	57427358	57428590	+	0.006815
Scamp2	MmuINT0139190	chr9	57428720	57429296	+	0.024501
Scamp2	MmuINT0139191	chr9	57429457	57430658	+	0.039595
Scamp2	MmuINT0139192	chr9	57430761	57434886	+	0.069749
Scamp2	MmuINT0139193	chr9	57435008	57435228	+	0.027137
Scamp3	MmuINT0139194	chr3	88981580	88981911	+	0.018856
Scamp3	MmuINT0139195	chr3	88981990	88983016	+	0.027207
Scamp3	MmuINT0139196	chr3	88983146	88983238	+	0.007172
Scamp3	MmuINT0139197	chr3	88983360	88984173	+	0.041956
Scamp3	MmuINT0139198	chr3	88984303	88984650	+	0.006494
Scamp3	MmuINT0139199	chr3	88984811	88985096	+	0.00748
Scamp3	MmuINT0139200	chr3	88985199	88985847	+	0.013735
Scamp3	MmuINT0139201	chr3	88985966	88986220	+	0.004217
Scamp4	MmuINT0139202	chr10	80065695	80071547	+	0.107009
Scamp4	MmuINT0139203	chr10	80071596	80072074	+	0.020364
Scamp4	MmuINT0139204	chr10	80072204	80072385	+	0.037839
Scamp4	MmuINT0139205	chr10	80072543	80073772	+	0.014056
Scamp4	MmuINT0139206	chr10	80073875	80075086	+	0.033618
Scamp4	MmuINT0139207	chr10	80075205	80077348	+	0.012686
Scamp5	MmuINT0139208	chr9	57299842	57315739	-	0.12557
Scamp5	MmuINT0139210	chr9	57295041	57299162	-	0.149957
Scamp5	MmuINT0139212	chr9	57293297	57293878	-	0.062671
Scamp5	MmuINT0139213	chr9	57291672	57293178	-	0.023909
Scap	MmuINT0139217	chr9	1.1E+08	1.1E+08	+	0.012381
Scap	MmuINT0139218	chr9	1.1E+08	1.1E+08	+	0.011903
Scap	MmuINT0139219	chr9	1.1E+08	1.1E+08	+	0.027303
Scap	MmuINT0139220	chr9	1.1E+08	1.1E+08	+	0.052404
Scap	MmuINT0139221	chr9	1.1E+08	1.1E+08	+	0.021628
Scap	MmuINT0139222	chr9	1.1E+08	1.1E+08	+	0.020375
Scap	MmuINT0139223	chr9	1.1E+08	1.1E+08	+	0.024905
Scap	MmuINT0139224	chr9	1.1E+08	1.1E+08	+	0.018474
Scap	MmuINT0139225	chr9	1.1E+08	1.1E+08	+	0.023172
Scap	MmuINT0139226	chr9	1.1E+08	1.1E+08	+	0.012683
Scap	MmuINT0139227	chr9	1.1E+08	1.1E+08	+	0.009509

Scap	MmuINT0139228	chr9	1.1E+08	1.1E+08	+	0.019675
Scap	MmuINT0139229	chr9	1.1E+08	1.1E+08	+	0.01229
Scap	MmuINT0139230	chr9	1.1E+08	1.1E+08	+	0.008823
Scap	MmuINT0139231	chr9	1.1E+08	1.1E+08	+	0.01076
Scap	MmuINT0139232	chr9	1.1E+08	1.1E+08	+	0.011307
Scap	MmuINT0139233	chr9	1.1E+08	1.1E+08	+	0.012645
Scap	MmuINT0139234	chr9	1.1E+08	1.1E+08	+	0.016691
Scap	MmuINT0139235	chr9	1.1E+08	1.1E+08	+	0.030788
Scap	MmuINT0139236	chr9	1.1E+08	1.1E+08	+	0.017389
Scap	MmuINT0139237	chr9	1.1E+08	1.1E+08	+	0.019024
Scaper	MmuINT0139239	chr9	55712412	55722451	-	0.015224
Scaper	MmuINT0139241	chr9	55706882	55707554	-	0.023591
Scaper	MmuINT0139242	chr9	55706333	55706805	-	0.01533
Scaper	MmuINT0139243	chr9	55706000	55706214	-	0.017643
Scaper	MmuINT0139244	chr9	55686068	55705887	-	0.012314
Scaper	MmuINT0139245	chr9	55664617	55685926	-	0.028576
Scaper	MmuINT0139246	chr9	55663311	55664460	-	0.011972
Scaper	MmuINT0139247	chr9	55656991	55663167	-	0.014702
Scaper	MmuINT0139248	chr9	55655566	55656908	-	0.012902
Scaper	MmuINT0139250	chr9	55654928	55655412	-	0.022283
Scaper	MmuINT0139251	chr9	55610172	55654819	-	0.020787
Scaper	MmuINT0139252	chr9	55605866	55610034	-	0.0199
Scaper	MmuINT0139253	chr9	55591477	55605799	-	0.023389
Scaper	MmuINT0139254	chr9	55533803	55591349	-	0.016278
Scaper	MmuINT0139255	chr9	55503836	55533686	-	0.010826
Scaper	MmuINT0139256	chr9	55457882	55503711	-	0.014336
Scaper	MmuINT0139257	chr9	55450729	55457648	-	0.014567
Scaper	MmuINT0139258	chr9	55434261	55450572	-	0.013476
Scaper	MmuINT0139259	chr9	55428164	55434025	-	0.013381
Scaper	MmuINT0139260	chr9	55763912	55767330	-	0.016641
Scaper	MmuINT0139261	chr9	55404084	55428013	-	0.01202
Scaper	MmuINT0139262	chr9	55401330	55403891	-	0.024162
Scaper	MmuINT0139263	chr9	55398679	55401277	-	0.024723
Scaper	MmuINT0139264	chr9	55762778	55763793	-	0.022006
Scaper	MmuINT0139265	chr9	55760042	55762706	-	0.020117
Scaper	MmuINT0139266	chr9	55743190	55759846	-	0.02029
Scaper	MmuINT0139267	chr9	55740096	55743088	-	0.012529
Scaper	MmuINT0139268	chr9	55731812	55739978	-	0.02709
Scaper	MmuINT0139269	chr9	55722712	55731653	-	0.019789
Scarb1	MmuINT0139284	chr5	1.26E+08	1.26E+08	-	0.007211
Scarb1	MmuINT0139285	chr5	1.26E+08	1.26E+08	-	0.020924
Scarb1	MmuINT0139286	chr5	1.26E+08	1.26E+08	-	0.135966
Scarb1	MmuINT0139287	chr5	1.26E+08	1.26E+08	-	0.182221
Scarb1	MmuINT0139288	chr5	1.26E+08	1.26E+08	-	0.007422
Scarb1	MmuINT0139289	chr5	1.26E+08	1.26E+08	-	0.008679
Scarb1	MmuINT0139290	chr5	1.26E+08	1.26E+08	-	0.008256
Scarb1	MmuINT0139291	chr5	1.26E+08	1.26E+08	-	0.00763
Scarb1	MmuINT0139292	chr5	1.26E+08	1.26E+08	-	0.008676
Scarb1	MmuINT0139293	chr5	1.26E+08	1.26E+08	-	0.008925
Scarb1	MmuINT0139294	chr5	1.26E+08	1.26E+08	-	0.014579

Scarb1	MmuINT0139295	chr5	1.26E+08	1.26E+08	-	0.028074
Scarb2	MmuINT0139296	chr5	92914381	92934217	-	0.003873
Scarb2	MmuINT0139297	chr5	92875489	92877570	-	0.019538
Scarb2	MmuINT0139298	chr5	92873311	92875329	-	0.002331
Scarb2	MmuINT0139300	chr5	92889969	92890962	-	0.001407
Scarb2	MmuINT0139301	chr5	92889160	92889779	-	0.001324
Scarb2	MmuINT0139302	chr5	92883878	92889067	-	0.001604
Scarb2	MmuINT0139303	chr5	92883236	92883757	-	0.001835
Scarb2	MmuINT0139304	chr5	92880492	92883065	-	0.010955
Scarb2	MmuINT0139306	chr5	92877623	92878896	-	0.005906
Scarf1	MmuINT0139307	chr11	75327193	75327506	+	0.02925
Scarf1	MmuINT0139308	chr11	75337640	75338871	+	0.196296
Scarf1	MmuINT0139310	chr11	75327913	75328667	+	0.119148
Scarf1	MmuINT0139311	chr11	75329191	75333795	+	0.276203
Scarf1	MmuINT0139312	chr11	75334015	75334404	+	0.191969
Scarf1	MmuINT0139313	chr11	75334534	75335453	+	0.070473
Scarf1	MmuINT0139314	chr11	75335558	75335680	+	0.028159
Scarf1	MmuINT0139315	chr11	75335799	75337276	+	0.474756
Scarf1	MmuINT0139316	chr11	75337399	75337492	+	0.541222
Scarf2	MmuINT0139318	chr16	17806595	17806844	+	0.143778
Scarf2	MmuINT0139319	chr16	17802519	17802608	+	0.070416
Scarf2	MmuINT0139320	chr16	17802711	17802872	+	0.036655
Scarf2	MmuINT0139321	chr16	17803393	17803474	+	0.184744
Scarf2	MmuINT0139322	chr16	17803694	17803829	+	0.09531
Scarf2	MmuINT0139323	chr16	17803959	17804398	+	0.066201
Scarf2	MmuINT0139324	chr16	17804503	17804578	+	0.301706
Scarf2	MmuINT0139325	chr16	17804697	17804901	+	0.487141
Scarf2	MmuINT0139326	chr16	17805018	17806441	+	0.097855
Sccpdh	MmuINT0139327	chr1	1.82E+08	1.82E+08	+	0.006746
Sccpdh	MmuINT0139328	chr1	1.82E+08	1.82E+08	+	0.013326
Sccpdh	MmuINT0139329	chr1	1.82E+08	1.82E+08	+	0.024057
Sccpdh	MmuINT0139330	chr1	1.82E+08	1.82E+08	+	0.002669
Sccpdh	MmuINT0139331	chr1	1.82E+08	1.82E+08	+	0.003387
Sccpdh	MmuINT0139332	chr1	1.82E+08	1.82E+08	+	0.003932
Sccpdh	MmuINT0139333	chr1	1.82E+08	1.82E+08	+	0.006711
Sccpdh	MmuINT0139334	chr1	1.82E+08	1.82E+08	+	0.003738
Sccpdh	MmuINT0139335	chr1	1.82E+08	1.82E+08	+	0.002912
Sccpdh	MmuINT0139336	chr1	1.82E+08	1.82E+08	+	0.002708
Sccpdh	MmuINT0139337	chr1	1.82E+08	1.82E+08	+	0.012613
Scd1	MmuINT0139338	chr19	44481251	44481875	-	0.026773
Scd1	MmuINT0139339	chr19	44477786	44480976	-	0.036593
Scd1	MmuINT0139342	chr19	44472609	44474631	-	0.024776
Scd2	MmuINT0139343	chr19	44368902	44369393	+	0.034821
Scd2	MmuINT0139344	chr19	44369677	44372529	+	0.052578
Scd2	MmuINT0139347	chr19	44375935	44377490	+	0.064539
Scd4	MmuINT0139353	chr19	44408006	44408483	+	0.02281
Scd4	MmuINT0139354	chr19	44408752	44411990	+	0.048136
Scd4	MmuINT0139356	chr19	44413606	44415710	+	0.030619
Scd4	MmuINT0139357	chr19	44415944	44419189	+	0.025637
Scd1	MmuINT0139388	chr12	52478624	52485091	+	0.031064

Scfd1	MmuINT0139389	chr12	52501086	52513490	+	0.008897
Scfd1	MmuINT0139390	chr12	52513631	52515081	+	0.009029
Scfd1	MmuINT0139391	chr12	52515173	52515836	+	0.01231
Scfd1	MmuINT0139392	chr12	52515911	52516501	+	0.016541
Scfd1	MmuINT0139393	chr12	52516584	52523893	+	0.010942
Scfd1	MmuINT0139394	chr12	52523991	52527024	+	0.016612
Scfd1	MmuINT0139395	chr12	52527096	52528851	+	0.01429
Scfd1	MmuINT0139396	chr12	52528932	52532474	+	0.021375
Scfd1	MmuINT0139397	chr12	52532538	52534217	+	0.01419
Scfd1	MmuINT0139398	chr12	52534294	52540269	+	0.020218
Scfd1	MmuINT0139399	chr12	52485163	52488036	+	0.014953
Scfd1	MmuINT0139400	chr12	52540324	52543517	+	0.01261
Scfd1	MmuINT0139401	chr12	52543571	52545970	+	0.086666
Scfd1	MmuINT0139402	chr12	52546005	52546657	+	0.078506
Scfd1	MmuINT0139403	chr12	52546724	52548558	+	0.025978
Scfd1	MmuINT0139404	chr12	52548628	52550893	+	0.030362
Scfd1	MmuINT0139405	chr12	52488126	52490268	+	0.011576
Scfd1	MmuINT0139406	chr12	52490360	52491292	+	0.020364
Scfd1	MmuINT0139407	chr12	52491416	52493169	+	0.016212
Scfd1	MmuINT0139408	chr12	52493258	52494807	+	0.014077
Scfd1	MmuINT0139409	chr12	52494898	52497666	+	0.009788
Scfd1	MmuINT0139410	chr12	52497723	52498679	+	0.014304
Scfd1	MmuINT0139411	chr12	52498766	52500985	+	0.012156
Scfd2	MmuINT0139412	chr5	74915678	74926806	-	0.016405
Scfd2	MmuINT0139413	chr5	74878303	74915508	-	0.018148
Scfd2	MmuINT0139414	chr5	74858761	74878174	-	0.026558
Scfd2	MmuINT0139415	chr5	74793929	74858584	-	0.028853
Scfd2	MmuINT0139416	chr5	74632610	74793678	-	0.022766
Scfd2	MmuINT0139417	chr5	74621475	74632463	-	0.013404
Scfd2	MmuINT0139418	chr5	74608396	74621339	-	0.015991
Scfd2	MmuINT0139419	chr5	74602421	74608275	-	0.014397
Scgb1a1	MmuINT0139438	chr19	9159866	9162336	-	0.043193
Scgb1a1	MmuINT0139439	chr19	9158302	9159677	-	0.069345
Scgb1c1	MmuINT0139440	chr7	1.48E+08	1.48E+08	+	0.005244
Scgb1c1	MmuINT0139441	chr7	1.48E+08	1.48E+08	+	0.014017
ScIt1	MmuINT0139476	chr3	41538158	41545916	-	0.043669
ScIt1	MmuINT0139477	chr3	41485710	41486203	-	0.043808
ScIt1	MmuINT0139478	chr3	41479428	41485617	-	0.024076
ScIt1	MmuINT0139479	chr3	41475406	41479249	-	0.08094
ScIt1	MmuINT0139480	chr3	41471105	41475306	-	0.039642
ScIt1	MmuINT0139481	chr3	41467949	41471032	-	0.044891
ScIt1	MmuINT0139482	chr3	41465640	41467873	-	0.042909
ScIt1	MmuINT0139483	chr3	41461319	41465493	-	0.021337
ScIt1	MmuINT0139484	chr3	41451564	41461125	-	0.019279
ScIt1	MmuINT0139485	chr3	41435654	41451366	-	0.064336
ScIt1	MmuINT0139486	chr3	41433536	41435574	-	0.027061
ScIt1	MmuINT0139488	chr3	41431157	41433439	-	0.042596
ScIt1	MmuINT0139489	chr3	41534286	41534782	-	0.054789
ScIt1	MmuINT0139491	chr3	41521787	41531014	-	0.04395
ScIt1	MmuINT0139492	chr3	41515128	41521650	-	0.040137

ScIt1	MmuINT0139493	chr3	41513457	41515004	-	0.029924
ScIt1	MmuINT0139494	chr3	41507379	41513390	-	0.042806
ScIt1	MmuINT0139495	chr3	41486295	41507307	-	0.040227
Scly	MmuINT0139496	chr1	93195026	93197104	+	0.020714
Scly	MmuINT0139497	chr1	93214269	93215614	+	0.018853
Scly	MmuINT0139498	chr1	93215691	93216653	+	0.016776
Scly	MmuINT0139499	chr1	93197218	93199345	+	0.012272
Scly	MmuINT0139500	chr1	93199447	93201850	+	0.015912
Scly	MmuINT0139501	chr1	93202032	93204890	+	0.012339
Scly	MmuINT0139502	chr1	93205019	93205227	+	0.00855
Scly	MmuINT0139503	chr1	93205393	93206373	+	0.011974
Scly	MmuINT0139504	chr1	93206481	93212065	+	0.062121
Scly	MmuINT0139505	chr1	93212103	93213640	+	0.026776
Scly	MmuINT0139506	chr1	93213725	93214168	+	0.015316
Scmh1	MmuINT0139507	chr4	1.2E+08	1.2E+08	+	0.016266
Scmh1	MmuINT0139508	chr4	1.2E+08	1.2E+08	+	0.008666
Scmh1	MmuINT0139509	chr4	1.2E+08	1.2E+08	+	0.005809
Scmh1	MmuINT0139510	chr4	1.2E+08	1.2E+08	+	0.004887
Scmh1	MmuINT0139511	chr4	1.2E+08	1.2E+08	+	0.012152
Scmh1	MmuINT0139512	chr4	1.2E+08	1.2E+08	+	0.008534
Scmh1	MmuINT0139513	chr4	1.2E+08	1.2E+08	+	0.010067
Scmh1	MmuINT0139514	chr4	1.2E+08	1.2E+08	+	0.005134
Scmh1	MmuINT0139515	chr4	1.2E+08	1.2E+08	+	0.966233
Scmh1	MmuINT0139516	chr4	1.2E+08	1.2E+08	+	0.013152
Scmh1	MmuINT0139517	chr4	1.2E+08	1.2E+08	+	0.009527
Scmh1	MmuINT0139518	chr4	1.2E+08	1.2E+08	+	0.029377
Scmh1	MmuINT0139519	chr4	1.2E+08	1.2E+08	+	0.012022
Scmh1	MmuINT0139520	chr4	1.2E+08	1.2E+08	+	0.007219
Scmh1	MmuINT0139521	chr4	1.2E+08	1.2E+08	+	0.008169
Scmh1	MmuINT0139522	chr4	1.2E+08	1.2E+08	+	0.006206
Scmh1	MmuINT0139523	chr4	1.2E+08	1.2E+08	+	0.003836
Scn1b	MmuINT0139635	chr7	31910241	31911684	-	0.034097
Scn1b	MmuINT0139636	chr7	31908166	31910073	-	0.004721
Scn1b	MmuINT0139637	chr7	31902867	31907924	-	0.014722
Scn1b	MmuINT0139638	chr7	31902315	31902724	-	0.005689
Scn1b	MmuINT0139639	chr7	31902156	31902242	-	0.117018
Scn4b	MmuINT0139722	chr9	44947186	44954755	+	0.026445
Scn4b	MmuINT0139723	chr9	44954929	44955749	+	0.028568
Scn4b	MmuINT0139724	chr9	44955979	44957348	+	0.019645
Scn4b	MmuINT0139725	chr9	44957479	44958493	+	0.034415
Scn5a	MmuINT0139726	chr9	1.19E+08	1.19E+08	-	0.003834
Scn5a	MmuINT0139727	chr9	1.19E+08	1.19E+08	-	0.001264
Scn5a	MmuINT0139728	chr9	1.19E+08	1.19E+08	-	0.001757
Scn5a	MmuINT0139729	chr9	1.19E+08	1.19E+08	-	0.003191
Scn5a	MmuINT0139730	chr9	1.19E+08	1.19E+08	-	0.002888
Scn5a	MmuINT0139731	chr9	1.19E+08	1.19E+08	-	0.003228
Scn5a	MmuINT0139732	chr9	1.19E+08	1.19E+08	-	0.006407
Scn5a	MmuINT0139733	chr9	1.19E+08	1.19E+08	-	0.00783
Scn5a	MmuINT0139735	chr9	1.19E+08	1.19E+08	-	0.004077
Scn5a	MmuINT0139736	chr9	1.19E+08	1.19E+08	-	0.002274

Scn5a	MmuINT0139737	chr9	1.19E+08	1.19E+08	-	0.005953
Scn5a	MmuINT0139738	chr9	1.19E+08	1.19E+08	-	0.008071
Scn5a	MmuINT0139739	chr9	1.19E+08	1.19E+08	-	0.011716
Scn5a	MmuINT0139740	chr9	1.19E+08	1.19E+08	-	0.003599
Scn5a	MmuINT0139741	chr9	1.19E+08	1.19E+08	-	0.006978
Scn5a	MmuINT0139742	chr9	1.19E+08	1.19E+08	-	0.00295
Scn5a	MmuINT0139743	chr9	1.19E+08	1.19E+08	-	0.020873
Scn5a	MmuINT0139744	chr9	1.19E+08	1.19E+08	-	0.028252
Scn5a	MmuINT0139745	chr9	1.19E+08	1.19E+08	-	0.038718
Scn5a	MmuINT0139746	chr9	1.19E+08	1.19E+08	-	0.004202
Scn5a	MmuINT0139747	chr9	1.19E+08	1.19E+08	-	0.002331
Scn5a	MmuINT0139750	chr9	1.19E+08	1.19E+08	-	0.002188
Scn5a	MmuINT0139751	chr9	1.19E+08	1.19E+08	-	0.002915
Scn5a	MmuINT0139752	chr9	1.19E+08	1.19E+08	-	0.003991
Scnm1	MmuINT0139831	chr3	94937551	94937766	-	0.010326
Scnm1	MmuINT0139832	chr3	94937211	94937479	-	0.129253
Scnm1	MmuINT0139833	chr3	94937034	94937121	-	0.006153
Scnm1	MmuINT0139834	chr3	94936836	94936938	-	0.018265
Scnm1	MmuINT0139835	chr3	94933806	94936746	-	0.392622
Sco1	MmuINT0139873	chr11	66866419	66867276	+	0.009135
Sco1	MmuINT0139874	chr11	66867368	66869232	+	0.009632
Sco1	MmuINT0139875	chr11	66869431	66870016	+	0.007568
Sco1	MmuINT0139876	chr11	66870110	66871828	+	0.007366
Sco1	MmuINT0139877	chr11	66871945	66877407	+	0.005112
Sco2	MmuINT0139878	chr15	89204034	89204113	-	0.075248
Scp2	MmuINT0139883	chr4	1.08E+08	1.08E+08	-	0.001756
Scp2	MmuINT0139884	chr4	1.08E+08	1.08E+08	-	0.003483
Scp2	MmuINT0139885	chr4	1.08E+08	1.08E+08	-	0.005392
Scp2	MmuINT0139890	chr4	1.08E+08	1.08E+08	-	0.002996
Scp2	MmuINT0139891	chr4	1.08E+08	1.08E+08	-	0.00228
Scp2	MmuINT0139893	chr4	1.08E+08	1.08E+08	-	0.002087
Scp2	MmuINT0139894	chr4	1.08E+08	1.08E+08	-	0.002877
Scp2	MmuINT0139895	chr4	1.08E+08	1.08E+08	-	0.002962
Scp2	MmuINT0139896	chr4	1.08E+08	1.08E+08	-	0.002701
Scp2	MmuINT0139897	chr4	1.08E+08	1.08E+08	-	0.001129
Scpep1	MmuINT0139898	chr11	88813869	88816607	-	0.023959
Scpep1	MmuINT0139899	chr11	88791660	88794761	-	0.019032
Scpep1	MmuINT0139901	chr11	88786039	88790478	-	0.01764
Scpep1	MmuINT0139902	chr11	88808549	88813719	-	0.017299
Scpep1	MmuINT0139903	chr11	88805845	88808458	-	0.022897
Scpep1	MmuINT0139904	chr11	88805186	88805688	-	0.023506
Scpep1	MmuINT0139905	chr11	88802671	88805110	-	0.03
Scpep1	MmuINT0139908	chr11	88795986	88797136	-	0.014564
Scpep1	MmuINT0139909	chr11	88794876	88795891	-	0.018652
Scrib	MmuINT0139922	chr15	75895507	75895579	-	0.014293
Scrib	MmuINT0139923	chr15	75895258	75895339	-	0.012917
Scrib	MmuINT0139924	chr15	75895032	75895126	-	0.027791
Scrib	MmuINT0139925	chr15	75894186	75894905	-	0.030693
Scrib	MmuINT0139926	chr15	75893478	75894020	-	0.042261
Scrib	MmuINT0139927	chr15	75892232	75893099	-	0.038345

Scrib	MmuINT0139928	chr15	75891654	75892168	-	0.041014
Scrib	MmuINT0139929	chr15	75891075	75891563	-	0.052277
Scrib	MmuINT0139930	chr15	75890237	75890996	-	0.011211
Scrib	MmuINT0139931	chr15	75889809	75889912	-	0.021452
Scrib	MmuINT0139932	chr15	75897986	75898090	-	0.01316
Scrib	MmuINT0139933	chr15	75889650	75889727	-	0.019546
Scrib	MmuINT0139934	chr15	75888567	75889391	-	0.016715
Scrib	MmuINT0139935	chr15	75888369	75888455	-	0.012623
Scrib	MmuINT0139936	chr15	75888006	75888074	-	0.025165
Scrib	MmuINT0139937	chr15	75882295	75887816	-	0.01738
Scrib	MmuINT0139938	chr15	75882108	75882183	-	0.017496
Scrib	MmuINT0139939	chr15	75881907	75882050	-	0.015517
Scrib	MmuINT0139940	chr15	75880543	75881831	-	0.036357
Scrib	MmuINT0139941	chr15	75879971	75880479	-	0.182213
Scrib	MmuINT0139942	chr15	75879732	75879886	-	0.162229
Scrib	MmuINT0139943	chr15	75897810	75897906	-	0.019034
Scrib	MmuINT0139944	chr15	75879524	75879632	-	0.022511
Scrib	MmuINT0139945	chr15	75879288	75879363	-	0.0225
Scrib	MmuINT0139946	chr15	75879058	75879139	-	0.043863
Scrib	MmuINT0139947	chr15	75878795	75878871	-	0.020689
Scrib	MmuINT0139948	chr15	75878583	75878651	-	0.1058
Scrib	MmuINT0139949	chr15	75878427	75878544	-	0.476133
Scrib	MmuINT0139950	chr15	75878103	75878351	-	0.633543
Scrib	MmuINT0139951	chr15	75877968	75878050	-	0.061202
Scrib	MmuINT0139952	chr15	75897632	75897719	-	0.028087
Scrib	MmuINT0139953	chr15	75897488	75897574	-	0.026315
Scrib	MmuINT0139954	chr15	75897325	75897423	-	0.024026
Scrib	MmuINT0139955	chr15	75897185	75897249	-	0.05718
Scrib	MmuINT0139956	chr15	75896639	75897039	-	0.013559
Scrib	MmuINT0139957	chr15	75895780	75896519	-	0.01672
Scrn1	MmuINT0139960	chr6	54475706	54484406	-	0.054371
Scrn1	MmuINT0139961	chr6	54472949	54475502	-	0.028308
Scrn1	MmuINT0139962	chr6	54470860	54472753	-	0.913177
Scrn1	MmuINT0139963	chr6	54462224	54470693	-	0.032971
Scrn1	MmuINT0139964	chr6	54459357	54462042	-	0.0469
Scrn2	MmuINT0139965	chr11	96891370	96891729	+	0.075733
Scrn2	MmuINT0139966	chr11	96891904	96892193	+	0.010714
Scrn2	MmuINT0139967	chr11	96892376	96893402	+	0.013433
Scrn2	MmuINT0139968	chr11	96893603	96894068	+	0.031684
Scrn2	MmuINT0139969	chr11	96894285	96894377	+	0.034501
Scrn2	MmuINT0139970	chr11	96894544	96894632	+	0.009865
Scrn2	MmuINT0139971	chr11	96894814	96894979	+	0.013427
Scrn3	MmuINT0139972	chr2	73150771	73153488	+	0.013352
Scrn3	MmuINT0139973	chr2	73153650	73156302	+	0.007468
Scrn3	MmuINT0139974	chr2	73156485	73157359	+	0.010547
Scrn3	MmuINT0139975	chr2	73157557	73160041	+	0.052634
Scrn3	MmuINT0139976	chr2	73160252	73167819	+	0.011544
Scrn3	MmuINT0139977	chr2	73167983	73169039	+	0.008712
Scrn3	MmuINT0139978	chr2	73169215	73173767	+	0.007664
Scube2	MmuINT0140028	chr7	1.17E+08	1.17E+08	-	0.152962

Scube2	MmuINT0140030	chr7	1.17E+08	1.17E+08	-	0.005344
Scube2	MmuINT0140031	chr7	1.17E+08	1.17E+08	-	0.017517
Scx	MmuINT0140060	chr15	76288617	76289511	+	0.051128
Scyl1	MmuINT0140061	chr19	5770864	5771219	-	0.024363
Scyl1	MmuINT0140062	chr19	5760609	5760712	-	0.034963
Scyl1	MmuINT0140063	chr19	5760146	5760532	-	0.028473
Scyl1	MmuINT0140064	chr19	5759805	5759980	-	0.027901
Scyl1	MmuINT0140065	chr19	5759343	5759664	-	0.011894
Scyl1	MmuINT0140066	chr19	5759147	5759270	-	0.021134
Scyl1	MmuINT0140067	chr19	5758861	5758939	-	0.002042
Scyl1	MmuINT0140068	chr19	5758697	5758799	-	0.011075
Scyl1	MmuINT0140069	chr19	5770553	5770722	-	0.006798
Scyl1	MmuINT0140070	chr19	5769812	5770202	-	0.021767
Scyl1	MmuINT0140071	chr19	5769625	5769720	-	0.015716
Scyl1	MmuINT0140072	chr19	5766317	5769468	-	0.013058
Scyl1	MmuINT0140073	chr19	5765418	5766157	-	0.012906
Scyl1	MmuINT0140074	chr19	5764783	5765309	-	0.013063
Scyl1	MmuINT0140075	chr19	5761809	5764668	-	0.005027
Scyl1	MmuINT0140076	chr19	5760902	5761652	-	0.053399
Scyl2	MmuINT0140077	chr10	89141228	89148782	-	0.02681
Scyl2	MmuINT0140078	chr10	89115802	89116848	-	0.063358
Scyl2	MmuINT0140079	chr10	89113706	89115687	-	0.020773
Scyl2	MmuINT0140080	chr10	89112829	89113572	-	0.02708
Scyl2	MmuINT0140081	chr10	89109605	89112709	-	0.042068
Scyl2	MmuINT0140082	chr10	89108489	89109503	-	0.022103
Scyl2	MmuINT0140083	chr10	89108303	89108421	-	0.035961
Scyl2	MmuINT0140084	chr10	89104856	89108206	-	0.0279
Scyl2	MmuINT0140085	chr10	89103862	89104735	-	0.019473
Scyl2	MmuINT0140086	chr10	89132548	89141022	-	0.02727
Scyl2	MmuINT0140087	chr10	89129607	89132389	-	0.013861
Scyl2	MmuINT0140088	chr10	89125211	89129461	-	0.022192
Scyl2	MmuINT0140089	chr10	89123102	89125060	-	0.013946
Scyl2	MmuINT0140090	chr10	89122101	89122879	-	0.014822
Scyl2	MmuINT0140091	chr10	89120681	89121983	-	0.020683
Scyl2	MmuINT0140092	chr10	89119630	89120554	-	0.019409
Scyl2	MmuINT0140093	chr10	89116972	89119452	-	0.02279
Scyl3	MmuINT0140094	chr1	1.66E+08	1.66E+08	+	0.037632
Scyl3	MmuINT0140095	chr1	1.66E+08	1.66E+08	+	0.150413
Scyl3	MmuINT0140096	chr1	1.66E+08	1.66E+08	+	0.087409
Scyl3	MmuINT0140097	chr1	1.66E+08	1.66E+08	+	0.062313
Scyl3	MmuINT0140098	chr1	1.66E+08	1.66E+08	+	0.097477
Scyl3	MmuINT0140101	chr1	1.66E+08	1.66E+08	+	0.043769
Scyl3	MmuINT0140102	chr1	1.66E+08	1.66E+08	+	0.08443
Scyl3	MmuINT0140103	chr1	1.66E+08	1.66E+08	+	0.273972
Scyl3	MmuINT0140104	chr1	1.66E+08	1.66E+08	+	0.259816
Scyl3	MmuINT0140105	chr1	1.66E+08	1.66E+08	+	0.259928
Scyl3	MmuINT0140106	chr1	1.66E+08	1.66E+08	+	0.095959
Sdad1	MmuINT0140107	chr5	92734864	92738817	-	0.038243
Sdad1	MmuINT0140108	chr5	92726250	92727217	-	0.070679
Sdad1	MmuINT0140109	chr5	92725095	92726145	-	0.066486



Sdad1	MmuINT0140110	chr5	92723048	92725036	-	0.094809
Sdad1	MmuINT0140111	chr5	92721756	92722988	-	0.03236
Sdad1	MmuINT0140112	chr5	92721010	92721678	-	0.028834
Sdad1	MmuINT0140113	chr5	92720810	92720911	-	0.03767
Sdad1	MmuINT0140114	chr5	92720166	92720732	-	0.032771
Sdad1	MmuINT0140115	chr5	92719379	92720038	-	0.038636
Sdad1	MmuINT0140116	chr5	92719138	92719283	-	0.019886
Sdad1	MmuINT0140117	chr5	92718851	92718946	-	0.057786
Sdad1	MmuINT0140118	chr5	92734329	92734758	-	0.034618
Sdad1	MmuINT0140119	chr5	92717655	92718765	-	0.01881
Sdad1	MmuINT0140120	chr5	92715897	92717492	-	0.021201
Sdad1	MmuINT0140121	chr5	92734110	92734229	-	0.053335
Sdad1	MmuINT0140122	chr5	92732982	92733998	-	0.025883
Sdad1	MmuINT0140123	chr5	92732793	92732909	-	0.037682
Sdad1	MmuINT0140124	chr5	92731723	92732691	-	0.05736
Sdad1	MmuINT0140125	chr5	92730913	92731664	-	0.038377
Sdad1	MmuINT0140126	chr5	92729190	92730837	-	0.146525
Sdad1	MmuINT0140127	chr5	92727288	92729087	-	0.065535
Sdc1	MmuINT0140128	chr12	8778508	8796212	+	0.030705
Sdc1	MmuINT0140129	chr12	8796295	8797190	+	0.055883
Sdc1	MmuINT0140130	chr12	8797673	8798096	+	0.041923
Sdc1	MmuINT0140131	chr12	8798233	8798443	+	0.05965
Sdc2	MmuINT0140133	chr15	32946969	32953403	+	0.011904
Sdc2	MmuINT0140134	chr15	32953541	32957801	+	0.010387
Sdc2	MmuINT0140135	chr15	32957938	32962131	+	0.008403
Sdc3	MmuINT0140136	chr4	1.3E+08	1.3E+08	+	0.025897
Sdc3	MmuINT0140137	chr4	1.3E+08	1.3E+08	+	0.088989
Sdc3	MmuINT0140138	chr4	1.3E+08	1.3E+08	+	0.007813
Sdc3	MmuINT0140139	chr4	1.3E+08	1.3E+08	+	0.023958
Sdc4	MmuINT0140140	chr2	1.64E+08	1.64E+08	-	0.009123
Sdc4	MmuINT0140141	chr2	1.64E+08	1.64E+08	-	0.010781
Sdc4	MmuINT0140142	chr2	1.64E+08	1.64E+08	-	0.012182
Sdc4	MmuINT0140143	chr2	1.64E+08	1.64E+08	-	0.010396
Sdcbp	MmuINT0140144	chr4	6292907	6304223	+	0.01119
Sdcbp	MmuINT0140145	chr4	6304290	6306112	+	0.005516
Sdcbp	MmuINT0140146	chr4	6306195	6308136	+	0.004002
Sdcbp	MmuINT0140147	chr4	6308247	6312172	+	0.005715
Sdcbp	MmuINT0140148	chr4	6313856	6320092	+	0.008576
Sdcbp	MmuINT0140150	chr4	6320876	6321656	+	0.001447
Sdcbp2	MmuINT0140155	chr2	1.51E+08	1.51E+08	+	0.050158
Sdcbp2	MmuINT0140156	chr2	1.51E+08	1.51E+08	+	0.059645
Sdcbp2	MmuINT0140157	chr2	1.51E+08	1.51E+08	+	0.06675
Sdcbp2	MmuINT0140158	chr2	1.51E+08	1.51E+08	+	0.050401
Sdccag3	MmuINT0140194	chr2	26242832	26243075	-	0.293551
Sdccag3	MmuINT0140196	chr2	26241130	26241509	-	0.308638
Sdccag3	MmuINT0140197	chr2	26240666	26241017	-	0.260088
Sdccag3	MmuINT0140198	chr2	26240342	26240602	-	0.011722
Sdccag3	MmuINT0140199	chr2	26239215	26240201	-	0.035935
Sdccag8	MmuINT0140202	chr1	1.79E+08	1.79E+08	+	0.038074
Sdccag8	MmuINT0140204	chr1	1.79E+08	1.79E+08	+	0.040988

Sdccag8	MmuINT0140205	chr1	1.79E+08	1.79E+08	+	0.025927
Sdccag8	MmuINT0140206	chr1	1.79E+08	1.79E+08	+	0.036357
Sdccag8	MmuINT0140207	chr1	1.79E+08	1.79E+08	+	0.042178
Sdccag8	MmuINT0140208	chr1	1.79E+08	1.79E+08	+	0.0307
Sdccag8	MmuINT0140209	chr1	1.79E+08	1.79E+08	+	0.046999
Sdccag8	MmuINT0140210	chr1	1.79E+08	1.79E+08	+	0.092205
Sdccag8	MmuINT0140211	chr1	1.79E+08	1.79E+08	+	0.047486
Sdccag8	MmuINT0140213	chr1	1.79E+08	1.79E+08	+	0.053462
Sdccag8	MmuINT0140214	chr1	1.79E+08	1.79E+08	+	0.031117
Sdccag8	MmuINT0140215	chr1	1.79E+08	1.79E+08	+	0.036335
Sdccag8	MmuINT0140216	chr1	1.79E+08	1.79E+08	+	0.030197
Sdccag8	MmuINT0140217	chr1	1.79E+08	1.79E+08	+	0.018228
Sdf2	MmuINT0140219	chr11	78059673	78064517	+	0.028929
Sdf2	MmuINT0140220	chr11	78064715	78068352	+	0.011073
Sdf2l1	MmuINT0140221	chr16	17131887	17132216	-	0.047682
Sdf2l1	MmuINT0140222	chr16	17130882	17131689	-	0.040438
Sdf4	MmuINT0140223	chr4	1.55E+08	1.55E+08	+	0.003849
Sdf4	MmuINT0140224	chr4	1.55E+08	1.55E+08	+	0.003151
Sdf4	MmuINT0140225	chr4	1.55E+08	1.55E+08	+	0.004818
Sdf4	MmuINT0140226	chr4	1.55E+08	1.55E+08	+	0.00911
Sdf4	MmuINT0140227	chr4	1.55E+08	1.55E+08	+	0.006708
Sdf4	MmuINT0140228	chr4	1.55E+08	1.55E+08	+	0.002688
Sdha	MmuINT0140229	chr13	74482386	74487593	-	0.000931
Sdha	MmuINT0140230	chr13	74465864	74468746	-	0.000889
Sdha	MmuINT0140231	chr13	74464807	74465744	-	0.00014
Sdha	MmuINT0140232	chr13	74464506	74464694	-	0.000194
Sdha	MmuINT0140233	chr13	74461403	74464374	-	0.003543
Sdha	MmuINT0140234	chr13	74460622	74461288	-	0.000429
Sdha	MmuINT0140235	chr13	74480947	74482298	-	0.000191
Sdha	MmuINT0140236	chr13	74477164	74480784	-	0.000169
Sdha	MmuINT0140237	chr13	74476660	74477019	-	0.000097
Sdha	MmuINT0140238	chr13	74474988	74476494	-	0.002786
Sdha	MmuINT0140239	chr13	74471871	74474838	-	0.00046
Sdha	MmuINT0140240	chr13	74470639	74471745	-	0.000464
Sdha	MmuINT0140241	chr13	74469743	74470469	-	0.001502
Sdha	MmuINT0140242	chr13	74468919	74469546	-	0.001076
Sdhaf2	MmuINT0140243	chr19	10591877	10599548	-	0.034096
Sdhaf2	MmuINT0140244	chr19	10591580	10591658	-	0.015453
Sdhaf2	MmuINT0140245	chr19	10577620	10591469	-	0.003474
Sdhb	MmuINT0140246	chr4	1.41E+08	1.41E+08	+	0.000528
Sdhb	MmuINT0140247	chr4	1.41E+08	1.41E+08	+	0.000232
Sdhb	MmuINT0140248	chr4	1.41E+08	1.41E+08	+	0.000608
Sdhb	MmuINT0140249	chr4	1.41E+08	1.41E+08	+	0.001194
Sdhb	MmuINT0140250	chr4	1.41E+08	1.41E+08	+	0.00554
Sdhb	MmuINT0140251	chr4	1.41E+08	1.41E+08	+	0.00166
Sdhb	MmuINT0140252	chr4	1.41E+08	1.41E+08	+	0.000675
Sdhc	MmuINT0140253	chr1	1.73E+08	1.73E+08	-	0.00423
Sdhc	MmuINT0140254	chr1	1.73E+08	1.73E+08	-	0.000522
Sdhc	MmuINT0140255	chr1	1.73E+08	1.73E+08	-	0.002393
Sdhc	MmuINT0140256	chr1	1.73E+08	1.73E+08	-	0.003192

Sdhc	MmuINT0140257	chr1	1.73E+08	1.73E+08	-	0.003508
Sdhc	MmuINT0140258	chr9	50408770	50411842	-	0.000933
Sdhc	MmuINT0140259	chr9	50407011	50408652	-	0.006369
Sdhc	MmuINT0140260	chr9	50405356	50406865	-	0.002776
Sdpr	MmuINT0140349	chr1	51346713	51357492	+	0.013339
Sdr39u1	MmuINT0140362	chr14	56518758	56519026	-	0.536957
Sdr39u1	MmuINT0140363	chr14	56518567	56518650	-	0.013253
Sdr39u1	MmuINT0140364	chr14	56518143	56518483	-	0.005452
Sdr39u1	MmuINT0140365	chr14	56517224	56518020	-	0.08969
Sdr39u1	MmuINT0140366	chr14	56516850	56517079	-	0.138358
Sdr42e1	MmuINT0140367	chr8	1.2E+08	1.2E+08	-	0.110179
Sds	MmuINT0140374	chr5	1.21E+08	1.21E+08	+	0.889586
Sds	MmuINT0140375	chr5	1.21E+08	1.21E+08	+	0.821229
Sds	MmuINT0140376	chr5	1.21E+08	1.21E+08	+	0.885802
Sdsl	MmuINT0140380	chr5	1.21E+08	1.21E+08	-	0.014592
Sdsl	MmuINT0140381	chr5	1.21E+08	1.21E+08	-	0.175089
Sdsl	MmuINT0140382	chr5	1.21E+08	1.21E+08	-	0.127318
Sdsl	MmuINT0140383	chr5	1.21E+08	1.21E+08	-	0.153795
Sdsl	MmuINT0140384	chr5	1.21E+08	1.21E+08	-	0.043308
Sdsl	MmuINT0140385	chr5	1.21E+08	1.21E+08	-	0.016327
Sec11a	MmuINT0140388	chr7	88080023	88092287	-	0.005123
Sec11a	MmuINT0140389	chr7	88072773	88079912	-	0.008465
Sec11a	MmuINT0140390	chr7	88068107	88072622	-	0.013624
Sec11a	MmuINT0140391	chr7	88061119	88067986	-	0.011859
Sec11a	MmuINT0140392	chr7	88060791	88061060	-	0.005918
Sec11c	MmuINT0140393	chr18	65960366	65969098	+	0.013749
Sec11c	MmuINT0140394	chr18	65969209	65972318	+	0.011536
Sec11c	MmuINT0140395	chr18	65972469	65974491	+	0.075158
Sec11c	MmuINT0140396	chr18	65974612	65976474	+	0.00963
Sec11c	MmuINT0140397	chr18	65976533	65977113	+	0.0074
Sec13	MmuINT0140398	chr6	1.14E+08	1.14E+08	-	0.010022
Sec13	MmuINT0140399	chr6	1.14E+08	1.14E+08	-	0.004621
Sec13	MmuINT0140400	chr6	1.14E+08	1.14E+08	-	0.002827
Sec13	MmuINT0140401	chr6	1.14E+08	1.14E+08	-	0.003413
Sec13	MmuINT0140402	chr6	1.14E+08	1.14E+08	-	0.001264
Sec13	MmuINT0140403	chr6	1.14E+08	1.14E+08	-	0.025896
Sec13	MmuINT0140404	chr6	1.14E+08	1.14E+08	-	0.029297
Sec13	MmuINT0140405	chr6	1.14E+08	1.14E+08	-	0.014632
Sec14l1	MmuINT0140406	chr11	1.17E+08	1.17E+08	+	0.007607
Sec14l1	MmuINT0140407	chr11	1.17E+08	1.17E+08	+	0.006296
Sec14l1	MmuINT0140408	chr11	1.17E+08	1.17E+08	+	0.015706
Sec14l1	MmuINT0140409	chr11	1.17E+08	1.17E+08	+	0.038801
Sec14l1	MmuINT0140410	chr11	1.17E+08	1.17E+08	+	0.097019
Sec14l1	MmuINT0140411	chr11	1.17E+08	1.17E+08	+	0.006488
Sec14l1	MmuINT0140412	chr11	1.17E+08	1.17E+08	+	0.007576
Sec14l1	MmuINT0140413	chr11	1.17E+08	1.17E+08	+	0.983295
Sec14l1	MmuINT0140414	chr11	1.17E+08	1.17E+08	+	0.00642
Sec14l1	MmuINT0140415	chr11	1.17E+08	1.17E+08	+	0.003169
Sec14l1	MmuINT0140416	chr11	1.17E+08	1.17E+08	+	0.002402
Sec14l1	MmuINT0140417	chr11	1.17E+08	1.17E+08	+	0.004462

Sec14l1	MmuINT0140418	chr11	1.17E+08	1.17E+08	+	0.003503
Sec14l1	MmuINT0140419	chr11	1.17E+08	1.17E+08	+	0.011584
Sec14l1	MmuINT0140420	chr11	1.17E+08	1.17E+08	+	0.002462
Sec14l1	MmuINT0140421	chr11	1.17E+08	1.17E+08	+	0.012983
Sec16a	MmuINT0140471	chr2	26297591	26300594	-	0.036149
Sec16a	MmuINT0140472	chr2	26283906	26284334	-	0.00871
Sec16a	MmuINT0140473	chr2	26282069	26283659	-	0.013489
Sec16a	MmuINT0140474	chr2	26281682	26281970	-	0.013423
Sec16a	MmuINT0140475	chr2	26281405	26281599	-	0.011093
Sec16a	MmuINT0140476	chr2	26281108	26281286	-	0.012306
Sec16a	MmuINT0140477	chr2	26280820	26280995	-	0.022316
Sec16a	MmuINT0140478	chr2	26280078	26280713	-	0.011358
Sec16a	MmuINT0140479	chr2	26279517	26279936	-	0.010343
Sec16a	MmuINT0140480	chr2	26279158	26279402	-	0.026551
Sec16a	MmuINT0140481	chr2	26277774	26278973	-	0.035568
Sec16a	MmuINT0140482	chr2	26291569	26293906	-	0.011784
Sec16a	MmuINT0140483	chr2	26276977	26277527	-	0.02917
Sec16a	MmuINT0140484	chr2	26275291	26276893	-	0.055698
Sec16a	MmuINT0140485	chr2	26272232	26275140	-	0.018354
Sec16a	MmuINT0140486	chr2	26271948	26272153	-	0.012727
Sec16a	MmuINT0140487	chr2	26271749	26271890	-	0.07949
Sec16a	MmuINT0140488	chr2	26271292	26271636	-	0.030478
Sec16a	MmuINT0140489	chr2	26270922	26271153	-	0.013154
Sec16a	MmuINT0140490	chr2	26269966	26270826	-	0.01554
Sec16a	MmuINT0140491	chr2	26268434	26269890	-	0.17026
Sec16a	MmuINT0140492	chr2	26266474	26268355	-	0.051611
Sec16a	MmuINT0140493	chr2	26288949	26291431	-	0.016579
Sec16a	MmuINT0140494	chr2	26286749	26288850	-	0.011264
Sec16a	MmuINT0140495	chr2	26286113	26286624	-	0.015524
Sec16a	MmuINT0140496	chr2	26285772	26285913	-	0.01177
Sec16a	MmuINT0140497	chr2	26285037	26285596	-	0.011147
Sec16a	MmuINT0140498	chr2	26284644	26284893	-	0.011384
Sec16a	MmuINT0140499	chr2	26284474	26284581	-	0.01332
Sec22a	MmuINT0140529	chr16	35361846	35363909	-	0.020144
Sec22a	MmuINT0140530	chr16	35349081	35361646	-	0.028991
Sec22a	MmuINT0140531	chr16	35347880	35348916	-	0.013213
Sec22a	MmuINT0140532	chr16	35329700	35347684	-	0.014761
Sec22a	MmuINT0140533	chr16	35318956	35329583	-	0.028001
Sec22a	MmuINT0140534	chr16	35314374	35318889	-	0.016912
Sec22b	MmuINT0140535	chr3	97705344	97711143	+	0.000849
Sec22b	MmuINT0140536	chr3	97711254	97716501	+	0.006956
Sec22b	MmuINT0140538	chr3	97718570	97725038	+	0.019411
Sec22c	MmuINT0140544	chr9	1.22E+08	1.22E+08	-	0.05035
Sec22c	MmuINT0140545	chr9	1.22E+08	1.22E+08	-	0.035257
Sec22c	MmuINT0140546	chr9	1.22E+08	1.22E+08	-	0.055411
Sec23a	MmuINT0140547	chr12	60108223	60112832	-	0.012047
Sec23a	MmuINT0140548	chr12	60087159	60090336	-	0.006987
Sec23a	MmuINT0140549	chr12	60086209	60087077	-	0.009153
Sec23a	MmuINT0140550	chr12	60083662	60086118	-	0.006499
Sec23a	MmuINT0140552	chr12	60075647	60079448	-	0.015059

Sec23a	MmuINT0140553	chr12	60074030	60075568	-	0.011102
Sec23a	MmuINT0140554	chr12	60072314	60073867	-	0.006788
Sec23a	MmuINT0140556	chr12	60068033	60069799	-	0.005237
Sec23a	MmuINT0140557	chr12	60061074	60067966	-	0.014944
Sec23a	MmuINT0140558	chr12	60106304	60107976	-	0.006048
Sec23a	MmuINT0140559	chr12	60105564	60106245	-	0.012487
Sec23a	MmuINT0140560	chr12	60103043	60105476	-	0.007111
Sec23a	MmuINT0140561	chr12	60099326	60102805	-	0.008711
Sec23a	MmuINT0140562	chr12	60098268	60099245	-	0.008181
Sec23a	MmuINT0140563	chr12	60093271	60098122	-	0.005418
Sec23a	MmuINT0140564	chr12	60092076	60093111	-	0.006457
Sec23a	MmuINT0140565	chr12	60090461	60091959	-	0.008232
Sec23b	MmuINT0140567	chr2	1.44E+08	1.44E+08	+	0.024823
Sec23b	MmuINT0140568	chr2	1.44E+08	1.44E+08	+	0.046231
Sec23b	MmuINT0140569	chr2	1.44E+08	1.44E+08	+	0.020281
Sec23b	MmuINT0140570	chr2	1.44E+08	1.44E+08	+	0.041411
Sec23b	MmuINT0140571	chr2	1.44E+08	1.44E+08	+	0.037871
Sec23b	MmuINT0140572	chr2	1.44E+08	1.44E+08	+	0.027452
Sec23b	MmuINT0140573	chr2	1.44E+08	1.44E+08	+	0.027537
Sec23b	MmuINT0140574	chr2	1.44E+08	1.44E+08	+	0.043003
Sec23b	MmuINT0140575	chr2	1.44E+08	1.44E+08	+	0.019491
Sec23b	MmuINT0140576	chr2	1.44E+08	1.44E+08	+	0.050649
Sec23b	MmuINT0140577	chr2	1.44E+08	1.44E+08	+	0.032278
Sec23b	MmuINT0140578	chr2	1.44E+08	1.44E+08	+	0.028606
Sec23b	MmuINT0140579	chr2	1.44E+08	1.44E+08	+	0.027351
Sec23b	MmuINT0140580	chr2	1.44E+08	1.44E+08	+	0.015565
Sec23b	MmuINT0140581	chr2	1.44E+08	1.44E+08	+	0.015224
Sec23b	MmuINT0140582	chr2	1.44E+08	1.44E+08	+	0.014845
Sec23b	MmuINT0140583	chr2	1.44E+08	1.44E+08	+	0.020089
Sec23b	MmuINT0140584	chr2	1.44E+08	1.44E+08	+	0.014809
Sec23ip	MmuINT0140585	chr7	1.36E+08	1.36E+08	+	0.019599
Sec23ip	MmuINT0140586	chr7	1.36E+08	1.36E+08	+	0.011614
Sec23ip	MmuINT0140587	chr7	1.36E+08	1.36E+08	+	0.014792
Sec23ip	MmuINT0140588	chr7	1.36E+08	1.36E+08	+	0.009743
Sec23ip	MmuINT0140589	chr7	1.36E+08	1.36E+08	+	0.010728
Sec23ip	MmuINT0140590	chr7	1.36E+08	1.36E+08	+	0.009112
Sec23ip	MmuINT0140591	chr7	1.36E+08	1.36E+08	+	0.012809
Sec23ip	MmuINT0140592	chr7	1.36E+08	1.36E+08	+	0.008871
Sec23ip	MmuINT0140593	chr7	1.36E+08	1.36E+08	+	0.009102
Sec23ip	MmuINT0140594	chr7	1.36E+08	1.36E+08	+	0.021841
Sec23ip	MmuINT0140595	chr7	1.36E+08	1.36E+08	+	0.014307
Sec23ip	MmuINT0140596	chr7	1.36E+08	1.36E+08	+	0.016721
Sec23ip	MmuINT0140597	chr7	1.36E+08	1.36E+08	+	0.012241
Sec23ip	MmuINT0140598	chr7	1.36E+08	1.36E+08	+	0.007904
Sec23ip	MmuINT0140599	chr7	1.36E+08	1.36E+08	+	0.017206
Sec23ip	MmuINT0140600	chr7	1.36E+08	1.36E+08	+	0.021771
Sec23ip	MmuINT0140601	chr7	1.36E+08	1.36E+08	+	0.009061
Sec23ip	MmuINT0140602	chr7	1.36E+08	1.36E+08	+	0.015503
Sec24a	MmuINT0140603	chr11	51557503	51569578	-	0.034399
Sec24a	MmuINT0140604	chr11	51535436	51537085	-	0.028168

Sec24a	MmuINT0140605	chr11	51531282	51535316	-	0.042272
Sec24a	MmuINT0140606	chr11	51530148	51531225	-	0.050203
Sec24a	MmuINT0140607	chr11	51528748	51529940	-	0.016951
Sec24a	MmuINT0140608	chr11	51527192	51528626	-	0.013754
Sec24a	MmuINT0140609	chr11	51525865	51527032	-	0.022547
Sec24a	MmuINT0140610	chr11	51522548	51525690	-	0.021775
Sec24a	MmuINT0140611	chr11	51520806	51522436	-	0.031475
Sec24a	MmuINT0140612	chr11	51517916	51520629	-	0.021292
Sec24a	MmuINT0140613	chr11	51514765	51517777	-	0.026064
Sec24a	MmuINT0140614	chr11	51550024	51557037	-	0.07392
Sec24a	MmuINT0140615	chr11	51514409	51514659	-	0.027097
Sec24a	MmuINT0140616	chr11	51510255	51514315	-	0.042772
Sec24a	MmuINT0140617	chr11	51508744	51510150	-	0.020768
Sec24a	MmuINT0140619	chr11	51547430	51548085	-	0.037774
Sec24a	MmuINT0140620	chr11	51547067	51547271	-	0.035958
Sec24a	MmuINT0140621	chr11	51545408	51546893	-	0.024219
Sec24a	MmuINT0140622	chr11	51543081	51545304	-	0.029842
Sec24a	MmuINT0140623	chr11	51540097	51542953	-	0.049448
Sec24a	MmuINT0140624	chr11	51537199	51539986	-	0.029201
Sec24b	MmuINT0140625	chr3	1.3E+08	1.3E+08	-	0.023768
Sec24b	MmuINT0140626	chr3	1.3E+08	1.3E+08	-	0.015019
Sec24b	MmuINT0140627	chr3	1.3E+08	1.3E+08	-	0.021246
Sec24b	MmuINT0140628	chr3	1.3E+08	1.3E+08	-	0.033709
Sec24b	MmuINT0140629	chr3	1.3E+08	1.3E+08	-	0.029218
Sec24b	MmuINT0140630	chr3	1.3E+08	1.3E+08	-	0.05774
Sec24b	MmuINT0140631	chr3	1.3E+08	1.3E+08	-	0.018812
Sec24b	MmuINT0140632	chr3	1.3E+08	1.3E+08	-	0.009493
Sec24b	MmuINT0140633	chr3	1.3E+08	1.3E+08	-	0.010059
Sec24b	MmuINT0140634	chr3	1.3E+08	1.3E+08	-	0.014181
Sec24b	MmuINT0140635	chr3	1.3E+08	1.3E+08	-	0.011346
Sec24b	MmuINT0140636	chr3	1.3E+08	1.3E+08	-	0.011405
Sec24b	MmuINT0140637	chr3	1.3E+08	1.3E+08	-	0.025128
Sec24b	MmuINT0140638	chr3	1.3E+08	1.3E+08	-	0.060696
Sec24b	MmuINT0140639	chr3	1.3E+08	1.3E+08	-	0.135469
Sec24b	MmuINT0140640	chr3	1.3E+08	1.3E+08	-	0.048499
Sec24b	MmuINT0140641	chr3	1.3E+08	1.3E+08	-	0.05485
Sec24b	MmuINT0140642	chr3	1.3E+08	1.3E+08	-	0.04684
Sec24b	MmuINT0140643	chr3	1.3E+08	1.3E+08	-	0.023231
Sec24b	MmuINT0140644	chr3	1.3E+08	1.3E+08	-	0.013331
Sec24b	MmuINT0140645	chr3	1.3E+08	1.3E+08	-	0.013829
Sec24b	MmuINT0140646	chr3	1.3E+08	1.3E+08	-	0.01556
Sec24b	MmuINT0140647	chr3	1.3E+08	1.3E+08	-	0.01372
Sec24c	MmuINT0140648	chr14	21493611	21495179	+	0.012329
Sec24c	MmuINT0140649	chr14	21507747	21507952	+	0.064922
Sec24c	MmuINT0140650	chr14	21508069	21508220	+	0.023223
Sec24c	MmuINT0140651	chr14	21508346	21508493	+	0.012973
Sec24c	MmuINT0140652	chr14	21508686	21508855	+	0.031685
Sec24c	MmuINT0140653	chr14	21508950	21509125	+	0.008903
Sec24c	MmuINT0140654	chr14	21509243	21509925	+	0.01313
Sec24c	MmuINT0140655	chr14	21510097	21510487	+	0.023111

Sec24c	MmuINT0140656	chr14	21510585	21510659	+	0.043483
Sec24c	MmuINT0140657	chr14	21510806	21510922	+	0.032523
Sec24c	MmuINT0140658	chr14	21511062	21511208	+	0.072676
Sec24c	MmuINT0140659	chr14	21495380	21498749	+	0.005874
Sec24c	MmuINT0140660	chr14	21511328	21511567	+	0.019208
Sec24c	MmuINT0140661	chr14	21511748	21511941	+	0.019279
Sec24c	MmuINT0140662	chr14	21512134	21512365	+	0.009512
Sec24c	MmuINT0140663	chr14	21512456	21512872	+	0.013792
Sec24c	MmuINT0140664	chr14	21498886	21501900	+	0.008138
Sec24c	MmuINT0140665	chr14	21502685	21503106	+	0.020724
Sec24c	MmuINT0140666	chr14	21503244	21504433	+	0.036801
Sec24c	MmuINT0140667	chr14	21504503	21505730	+	0.051821
Sec24c	MmuINT0140668	chr14	21505843	21506076	+	0.011932
Sec24c	MmuINT0140669	chr14	21506205	21507607	+	0.102211
Sec24c	MmuINT0140670	chr14	21502074	21502309	+	0.012458
Sec24d	MmuINT0140672	chr3	1.23E+08	1.23E+08	+	0.023587
Sec24d	MmuINT0140673	chr3	1.23E+08	1.23E+08	+	0.011776
Sec24d	MmuINT0140674	chr3	1.23E+08	1.23E+08	+	0.008073
Sec24d	MmuINT0140675	chr3	1.23E+08	1.23E+08	+	0.01055
Sec24d	MmuINT0140676	chr3	1.23E+08	1.23E+08	+	0.021193
Sec24d	MmuINT0140677	chr3	1.23E+08	1.23E+08	+	0.007429
Sec24d	MmuINT0140678	chr3	1.23E+08	1.23E+08	+	0.012042
Sec24d	MmuINT0140679	chr3	1.23E+08	1.23E+08	+	0.008166
Sec24d	MmuINT0140680	chr3	1.23E+08	1.23E+08	+	0.00958
Sec24d	MmuINT0140681	chr3	1.23E+08	1.23E+08	+	0.030635
Sec24d	MmuINT0140682	chr3	1.23E+08	1.23E+08	+	0.010716
Sec24d	MmuINT0140683	chr3	1.23E+08	1.23E+08	+	0.013403
Sec24d	MmuINT0140684	chr3	1.23E+08	1.23E+08	+	0.011547
Sec24d	MmuINT0140685	chr3	1.23E+08	1.23E+08	+	0.027511
Sec24d	MmuINT0140686	chr3	1.23E+08	1.23E+08	+	0.058866
Sec24d	MmuINT0140687	chr3	1.23E+08	1.23E+08	+	0.008969
Sec24d	MmuINT0140688	chr3	1.23E+08	1.23E+08	+	0.010663
Sec24d	MmuINT0140689	chr3	1.23E+08	1.23E+08	+	0.011227
Sec24d	MmuINT0140690	chr3	1.23E+08	1.23E+08	+	0.014
Sec24d	MmuINT0140691	chr3	1.23E+08	1.23E+08	+	0.014783
Sec24d	MmuINT0140692	chr3	1.23E+08	1.23E+08	+	0.012467
Sec24d	MmuINT0140693	chr3	1.23E+08	1.23E+08	+	0.010877
Sec31a	MmuINT0140694	chr5	1.01E+08	1.01E+08	-	0.025777
Sec31a	MmuINT0140695	chr5	1.01E+08	1.01E+08	-	0.00345
Sec31a	MmuINT0140696	chr5	1.01E+08	1.01E+08	-	0.004396
Sec31a	MmuINT0140697	chr5	1.01E+08	1.01E+08	-	0.015603
Sec31a	MmuINT0140698	chr5	1.01E+08	1.01E+08	-	0.035338
Sec31a	MmuINT0140699	chr5	1.01E+08	1.01E+08	-	0.017907
Sec31a	MmuINT0140700	chr5	1.01E+08	1.01E+08	-	0.006288
Sec31a	MmuINT0140701	chr5	1.01E+08	1.01E+08	-	0.002752
Sec31a	MmuINT0140702	chr5	1.01E+08	1.01E+08	-	0.003054
Sec31a	MmuINT0140703	chr5	1.01E+08	1.01E+08	-	0.005668
Sec31a	MmuINT0140704	chr5	1.01E+08	1.01E+08	-	0.00265
Sec31a	MmuINT0140705	chr5	1.01E+08	1.01E+08	-	0.004897
Sec31a	MmuINT0140706	chr5	1.01E+08	1.01E+08	-	0.008381

Sec31a	MmuINT0140707	chr5	1.01E+08	1.01E+08	-	0.006701
Sec31a	MmuINT0140708	chr5	1.01E+08	1.01E+08	-	0.385681
Sec31a	MmuINT0140709	chr5	1.01E+08	1.01E+08	-	0.151396
Sec31a	MmuINT0140711	chr5	1.01E+08	1.01E+08	-	0.036509
Sec31a	MmuINT0140712	chr5	1.01E+08	1.01E+08	-	0.048183
Sec31a	MmuINT0140713	chr5	1.01E+08	1.01E+08	-	0.015915
Sec31a	MmuINT0140714	chr5	1.01E+08	1.01E+08	-	0.00347
Sec31a	MmuINT0140715	chr5	1.01E+08	1.01E+08	-	0.004053
Sec31a	MmuINT0140716	chr5	1.01E+08	1.01E+08	-	0.002704
Sec31a	MmuINT0140717	chr5	1.01E+08	1.01E+08	-	0.003223
Sec31a	MmuINT0140718	chr5	1.01E+08	1.01E+08	-	0.004034
Sec31a	MmuINT0140719	chr5	1.01E+08	1.01E+08	-	0.006942
Sec31a	MmuINT0140720	chr5	1.01E+08	1.01E+08	-	0.003974
Sec31b	MmuINT0140722	chr19	44603387	44606170	-	0.028868
Sec31b	MmuINT0140723	chr19	44601563	44603155	-	0.016553
Sec31b	MmuINT0140724	chr19	44601194	44601487	-	0.02109
Sec31b	MmuINT0140725	chr19	44600806	44601094	-	0.046047
Sec31b	MmuINT0140726	chr19	44600145	44600705	-	0.047738
Sec31b	MmuINT0140727	chr19	44599738	44599965	-	0.025872
Sec31b	MmuINT0140728	chr19	44599065	44599610	-	0.009414
Sec31b	MmuINT0140729	chr19	44598324	44598918	-	0.01721
Sec31b	MmuINT0140730	chr19	44597657	44598149	-	0.010802
Sec31b	MmuINT0140731	chr19	44595073	44597494	-	0.012239
Sec31b	MmuINT0140732	chr19	44617880	44618190	-	0.013909
Sec31b	MmuINT0140733	chr19	44593978	44594912	-	0.013196
Sec31b	MmuINT0140734	chr19	44593450	44593662	-	0.013247
Sec31b	MmuINT0140735	chr19	44593155	44593390	-	0.014382
Sec31b	MmuINT0140736	chr19	44592751	44593007	-	0.031818
Sec31b	MmuINT0140737	chr19	44592202	44592633	-	0.067842
Sec31b	MmuINT0140738	chr19	44591979	44592129	-	0.103795
Sec31b	MmuINT0140739	chr19	44610744	44617755	-	0.011866
Sec31b	MmuINT0140740	chr19	44610291	44610547	-	0.010785
Sec31b	MmuINT0140741	chr19	44609322	44610194	-	0.018913
Sec31b	MmuINT0140742	chr19	44608874	44609177	-	0.012994
Sec31b	MmuINT0140743	chr19	44607184	44608730	-	0.056087
Sec31b	MmuINT0140744	chr19	44606946	44607083	-	0.017472
Sec31b	MmuINT0140745	chr19	44606261	44606783	-	0.650419
Sec61a1	MmuINT0140746	chr6	88468433	88468679	-	0.01405
Sec61a1	MmuINT0140747	chr6	88456216	88456734	-	0.029719
Sec61a1	MmuINT0140748	chr6	88455288	88456138	-	0.010106
Sec61a1	MmuINT0140749	chr6	88465564	88468364	-	0.015489
Sec61a1	MmuINT0140750	chr6	88465417	88465497	-	0.015379
Sec61a1	MmuINT0140751	chr6	88464439	88465337	-	0.01875
Sec61a1	MmuINT0140752	chr6	88462600	88464306	-	0.093899
Sec61a1	MmuINT0140753	chr6	88462250	88462489	-	0.035216
Sec61a1	MmuINT0140754	chr6	88458717	88462095	-	0.014342
Sec61a1	MmuINT0140755	chr6	88457364	88458555	-	0.012925
Sec61a1	MmuINT0140756	chr6	88456927	88457165	-	0.008004
Sec61a2	MmuINT0140758	chr2	5794866	5795272	-	0.09471
Sec61a2	MmuINT0140759	chr2	5793068	5794788	-	0.061289



Sec61a2	MmuINT0140760	chr2	5812402	5814199	-	0.091864
Sec61a2	MmuINT0140761	chr2	5807624	5812335	-	0.038252
Sec61a2	MmuINT0140762	chr2	5803996	5807544	-	0.022336
Sec61a2	MmuINT0140763	chr2	5803737	5803863	-	0.029814
Sec61a2	MmuINT0140764	chr2	5799055	5803626	-	0.115881
Sec61a2	MmuINT0140765	chr2	5798048	5798900	-	0.102669
Sec61a2	MmuINT0140766	chr2	5797608	5797886	-	0.043274
Sec61a2	MmuINT0140767	chr2	5795465	5797409	-	0.140051
Sec62	MmuINT0140774	chr3	30692306	30699052	+	0.007805
Sec62	MmuINT0140775	chr3	30699162	30699981	+	0.003981
Sec62	MmuINT0140776	chr3	30700088	30708743	+	0.004789
Sec62	MmuINT0140777	chr3	30708949	30709366	+	0.008405
Sec62	MmuINT0140778	chr3	30709460	30711217	+	0.003755
Sec62	MmuINT0140779	chr3	30711279	30713155	+	0.004263
Sec62	MmuINT0140780	chr3	30713276	30717421	+	0.014463
Sec63	MmuINT0140781	chr10	42481695	42503247	+	0.007856
Sec63	MmuINT0140782	chr10	42521761	42523695	+	0.007004
Sec63	MmuINT0140783	chr10	42523789	42524881	+	0.009489
Sec63	MmuINT0140784	chr10	42525037	42526329	+	0.01005
Sec63	MmuINT0140785	chr10	42526478	42530648	+	0.005469
Sec63	MmuINT0140786	chr10	42530732	42532241	+	0.008777
Sec63	MmuINT0140787	chr10	42532302	42532470	+	0.020472
Sec63	MmuINT0140788	chr10	42532645	42534860	+	0.003415
Sec63	MmuINT0140789	chr10	42535020	42536173	+	0.00602
Sec63	MmuINT0140790	chr10	42536276	42543686	+	0.005594
Sec63	MmuINT0140791	chr10	42543786	42547682	+	0.006787
Sec63	MmuINT0140792	chr10	42503348	42509105	+	0.00717
Sec63	MmuINT0140793	chr10	42547788	42548696	+	0.003698
Sec63	MmuINT0140794	chr10	42509221	42510984	+	0.006354
Sec63	MmuINT0140795	chr10	42511098	42514580	+	0.013829
Sec63	MmuINT0140796	chr10	42514643	42516011	+	0.018526
Sec63	MmuINT0140797	chr10	42516071	42517488	+	0.01371
Sec63	MmuINT0140798	chr10	42517540	42518552	+	0.013756
Sec63	MmuINT0140799	chr10	42518662	42521438	+	0.010045
Sec63	MmuINT0140800	chr10	42521534	42521627	+	0.010569
Secisbp2	MmuINT0140801	chr13	51747190	51747975	+	0.020733
Secisbp2	MmuINT0140802	chr13	51769399	51771655	+	0.059953
Secisbp2	MmuINT0140803	chr13	51771823	51772509	+	0.008594
Secisbp2	MmuINT0140804	chr13	51772649	51774202	+	0.17402
Secisbp2	MmuINT0140805	chr13	51774360	51775101	+	0.294411
Secisbp2	MmuINT0140806	chr13	51775323	51777368	+	0.085058
Secisbp2	MmuINT0140807	chr13	51777524	51777812	+	0.03053
Secisbp2	MmuINT0140808	chr13	51778003	51778646	+	0.029159
Secisbp2	MmuINT0140809	chr13	51748125	51749754	+	0.135497
Secisbp2	MmuINT0140810	chr13	51750005	51750467	+	0.013953
Secisbp2	MmuINT0140811	chr13	51750610	51752249	+	0.249068
Secisbp2	MmuINT0140812	chr13	51752480	51757989	+	0.01518
Secisbp2	MmuINT0140813	chr13	51758069	51760640	+	0.029787
Secisbp2	MmuINT0140814	chr13	51760844	51766175	+	0.024288
Secisbp2	MmuINT0140815	chr13	51766299	51768438	+	0.011205

Secisbp2	MmuINT0140816	chr13	51768529	51769256	+	0.014338
Secisbp2l	MmuINT0140817	chr2	1.26E+08	1.26E+08	-	0.032769
Secisbp2l	MmuINT0140818	chr2	1.26E+08	1.26E+08	-	0.014059
Secisbp2l	MmuINT0140819	chr2	1.26E+08	1.26E+08	-	0.016045
Secisbp2l	MmuINT0140820	chr2	1.26E+08	1.26E+08	-	0.013825
Secisbp2l	MmuINT0140821	chr2	1.26E+08	1.26E+08	-	0.021857
Secisbp2l	MmuINT0140822	chr2	1.26E+08	1.26E+08	-	0.01251
Secisbp2l	MmuINT0140823	chr2	1.26E+08	1.26E+08	-	0.017939
Secisbp2l	MmuINT0140824	chr2	1.26E+08	1.26E+08	-	0.102393
Secisbp2l	MmuINT0140825	chr2	1.26E+08	1.26E+08	-	0.018428
Secisbp2l	MmuINT0140826	chr2	1.26E+08	1.26E+08	-	0.023602
Secisbp2l	MmuINT0140827	chr2	1.26E+08	1.26E+08	-	0.01731
Secisbp2l	MmuINT0140828	chr2	1.26E+08	1.26E+08	-	0.019328
Secisbp2l	MmuINT0140829	chr2	1.26E+08	1.26E+08	-	0.059985
Secisbp2l	MmuINT0140830	chr2	1.26E+08	1.26E+08	-	0.028361
Secisbp2l	MmuINT0140831	chr2	1.26E+08	1.26E+08	-	0.014032
Secisbp2l	MmuINT0140832	chr2	1.26E+08	1.26E+08	-	0.023494
Secisbp2l	MmuINT0140833	chr2	1.26E+08	1.26E+08	-	0.018973
Seh1l	MmuINT0140843	chr18	67934775	67938858	+	0.023587
Seh1l	MmuINT0140844	chr18	67938910	67943568	+	0.00622
Seh1l	MmuINT0140845	chr18	67943716	67944540	+	0.007955
Seh1l	MmuINT0140846	chr18	67944753	67946809	+	0.006264
Seh1l	MmuINT0140847	chr18	67946909	67948345	+	0.013291
Seh1l	MmuINT0140848	chr18	67948487	67948993	+	0.010978
Seh1l	MmuINT0140849	chr18	67949152	67951517	+	0.021118
Sel1l	MmuINT0140851	chr12	93081704	93087398	-	0.013259
Sel1l	MmuINT0140852	chr12	93062031	93063259	-	0.011644
Sel1l	MmuINT0140853	chr12	93058551	93061973	-	0.02563
Sel1l	MmuINT0140854	chr12	93056737	93058481	-	0.033903
Sel1l	MmuINT0140855	chr12	93055785	93056658	-	0.026951
Sel1l	MmuINT0140856	chr12	93054749	93055721	-	0.067336
Sel1l	MmuINT0140857	chr12	93054355	93054660	-	0.01932
Sel1l	MmuINT0140858	chr12	93053580	93054205	-	0.026155
Sel1l	MmuINT0140859	chr12	93053134	93053413	-	0.007776
Sel1l	MmuINT0140860	chr12	93052445	93053058	-	0.014179
Sel1l	MmuINT0140861	chr12	93050446	93052271	-	0.00933
Sel1l	MmuINT0140862	chr12	93080295	93081665	-	0.008996
Sel1l	MmuINT0140863	chr12	93048494	93050316	-	0.008343
Sel1l	MmuINT0140864	chr12	93071663	93080077	-	0.007944
Sel1l	MmuINT0140865	chr12	93069290	93070008	-	0.006489
Sel1l	MmuINT0140866	chr12	93065146	93069126	-	0.011012
Sel1l	MmuINT0140867	chr12	93065005	93065091	-	0.015457
Sel1l	MmuINT0140868	chr12	93063819	93064944	-	0.014839
Sel1l	MmuINT0140869	chr12	93063415	93063736	-	0.006661
Selm	MmuINT0140960	chr11	3415077	3416263	+	0.006072
Selm	MmuINT0140961	chr11	3416300	3416488	+	0.015108
Selm	MmuINT0140962	chr11	3416524	3416844	+	0.028001
Selm	MmuINT0140963	chr11	3416924	3417004	+	0.007735
Selplg	MmuINT0140978	chr5	1.14E+08	1.14E+08	-	0.057993
Sema3b	MmuINT0140995	chr9	1.08E+08	1.08E+08	-	0.670434

Sema3b	MmuINT0140999	chr9	1.08E+08	1.08E+08	-	0.015942
Sema3b	MmuINT0141000	chr9	1.08E+08	1.08E+08	-	0.02459
Sema3b	MmuINT0141001	chr9	1.08E+08	1.08E+08	-	0.007782
Sema3b	MmuINT0141002	chr9	1.08E+08	1.08E+08	-	0.046735
Sema3b	MmuINT0141003	chr9	1.08E+08	1.08E+08	-	0.090184
Sema3b	MmuINT0141004	chr9	1.08E+08	1.08E+08	-	0.01042
Sema3b	MmuINT0141005	chr9	1.08E+08	1.08E+08	-	0.009057
Sema3b	MmuINT0141006	chr9	1.08E+08	1.08E+08	-	0.00607
Sema3b	MmuINT0141007	chr9	1.08E+08	1.08E+08	-	0.009347
Sema3b	MmuINT0141008	chr9	1.08E+08	1.08E+08	-	0.012605
Sema3b	MmuINT0141009	chr9	1.08E+08	1.08E+08	-	0.034592
Sema3b	MmuINT0141010	chr9	1.08E+08	1.08E+08	-	0.007946
Sema3b	MmuINT0141011	chr9	1.08E+08	1.08E+08	-	0.00829
Sema3b	MmuINT0141012	chr9	1.08E+08	1.08E+08	-	0.005191
Sema3b	MmuINT0141013	chr9	1.08E+08	1.08E+08	-	0.00953
Sema3b	MmuINT0141014	chr9	1.08E+08	1.08E+08	-	0.00998
Sema3c	MmuINT0141015	chr5	17080784	17082647	+	0.0328
Sema3c	MmuINT0141016	chr5	17184200	17187756	+	0.044597
Sema3c	MmuINT0141017	chr5	17187902	17200460	+	0.027548
Sema3c	MmuINT0141018	chr5	17200684	17217203	+	0.038023
Sema3c	MmuINT0141019	chr5	17217293	17220228	+	0.050481
Sema3c	MmuINT0141020	chr5	17220271	17222728	+	0.043771
Sema3c	MmuINT0141021	chr5	17222887	17227671	+	0.025805
Sema3c	MmuINT0141022	chr5	17227740	17229898	+	0.026625
Sema3c	MmuINT0141023	chr5	17230030	17233160	+	0.025463
Sema3c	MmuINT0141024	chr5	17082789	17159525	+	0.045294
Sema3c	MmuINT0141025	chr5	17159687	17160820	+	0.05551
Sema3c	MmuINT0141026	chr5	17160884	17168737	+	0.02012
Sema3c	MmuINT0141027	chr5	17168858	17176267	+	0.035172
Sema3c	MmuINT0141028	chr5	17176359	17178246	+	0.052483
Sema3c	MmuINT0141029	chr5	17178367	17180859	+	0.03884
Sema3c	MmuINT0141030	chr5	17181003	17182128	+	0.029163
Sema3c	MmuINT0141031	chr5	17182244	17184129	+	0.041669
Sema3f	MmuINT0141066	chr9	1.08E+08	1.08E+08	-	0.094888
Sema3f	MmuINT0141067	chr9	1.08E+08	1.08E+08	-	0.034744
Sema3f	MmuINT0141068	chr9	1.08E+08	1.08E+08	-	0.086013
Sema3f	MmuINT0141069	chr9	1.08E+08	1.08E+08	-	0.032272
Sema3f	MmuINT0141070	chr9	1.08E+08	1.08E+08	-	0.098817
Sema3f	MmuINT0141071	chr9	1.08E+08	1.08E+08	-	0.039008
Sema3f	MmuINT0141072	chr9	1.08E+08	1.08E+08	-	0.0478
Sema3f	MmuINT0141073	chr9	1.08E+08	1.08E+08	-	0.104915
Sema3f	MmuINT0141074	chr9	1.08E+08	1.08E+08	-	0.016523
Sema3f	MmuINT0141075	chr9	1.08E+08	1.08E+08	-	0.022636
Sema3f	MmuINT0141076	chr9	1.08E+08	1.08E+08	-	0.07659
Sema3f	MmuINT0141077	chr9	1.08E+08	1.08E+08	-	0.433911
Sema3f	MmuINT0141078	chr9	1.08E+08	1.08E+08	-	0.043318
Sema3f	MmuINT0141079	chr9	1.08E+08	1.08E+08	-	0.018825
Sema3f	MmuINT0141080	chr9	1.08E+08	1.08E+08	-	0.018235
Sema3f	MmuINT0141081	chr9	1.08E+08	1.08E+08	-	0.016346
Sema3g	MmuINT0141082	chr14	32031212	32033744	+	0.027783

Sema3g	MmuINT0141083	chr14	32036251	32036474	+	0.021589
Sema3g	MmuINT0141084	chr14	32036707	32036795	+	0.045207
Sema3g	MmuINT0141085	chr14	32036888	32037805	+	0.053233
Sema3g	MmuINT0141086	chr14	32037848	32039104	+	0.041314
Sema3g	MmuINT0141087	chr14	32039340	32039571	+	0.042713
Sema3g	MmuINT0141088	chr14	32039706	32040927	+	0.045266
Sema3g	MmuINT0141089	chr14	32033906	32034015	+	0.046334
Sema3g	MmuINT0141090	chr14	32034079	32034306	+	0.067379
Sema3g	MmuINT0141091	chr14	32034427	32034706	+	0.026113
Sema3g	MmuINT0141092	chr14	32034798	32034900	+	0.035479
Sema3g	MmuINT0141093	chr14	32035018	32035179	+	0.029853
Sema3g	MmuINT0141094	chr14	32035326	32035521	+	0.038267
Sema3g	MmuINT0141095	chr14	32035637	32035744	+	0.036734
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Sema4a	MmuINT0141098	chr3	88244801	88251912	-	0.076907
Sema4a	MmuINT0141099	chr3	88242484	88244619	-	0.089261
Sema4a	MmuINT0141100	chr3	88242263	88242364	-	0.046476
Sema4a	MmuINT0141101	chr3	88241823	88242104	-	0.073377
Sema4a	MmuINT0141102	chr3	88241175	88241724	-	0.072972
Sema4a	MmuINT0141103	chr3	88257054	88258600	-	0.039353
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Sema4a	MmuINT0141107	chr3	88254550	88255266	-	0.160702
Sema4a	MmuINT0141108	chr3	88254035	88254432	-	0.061677
Sema4a	MmuINT0141109	chr3	88253775	88253909	-	0.127155
Sema4a	MmuINT0141110	chr3	88252064	88253601	-	0.038834
Sema4b	MmuINT0141114	chr7	87331878	87343404	+	0.040802
Sema4b	MmuINT0141115	chr7	87364223	87365006	+	0.031355
Sema4b	MmuINT0141116	chr7	87365218	87365327	+	0.021317
Sema4b	MmuINT0141117	chr7	87365444	87365673	+	0.021025
Sema4b	MmuINT0141118	chr7	87365841	87368819	+	0.039106
Sema4b	MmuINT0141119	chr7	87368903	87369481	+	0.042049
Sema4b	MmuINT0141120	chr7	87343657	87357681	+	0.033314
Sema4b	MmuINT0141121	chr7	87357846	87358148	+	0.033094
Sema4b	MmuINT0141122	chr7	87358212	87360509	+	0.041168
Sema4b	MmuINT0141123	chr7	87360609	87361214	+	0.025046
Sema4b	MmuINT0141124	chr7	87361327	87361615	+	0.026918
Sema4b	MmuINT0141125	chr7	87361730	87361833	+	0.028564
Sema4b	MmuINT0141126	chr7	87361986	87363768	+	0.022699
Sema4b	MmuINT0141127	chr7	87363951	87364071	+	0.020778
Sema4c	MmuINT0141128	chr1	36612923	36614860	-	0.230333
Sema4c	MmuINT0141129	chr1	36608995	36609096	-	0.088789
Sema4c	MmuINT0141130	chr1	36608684	36608771	-	0.069657
Sema4c	MmuINT0141131	chr1	36607674	36608570	-	0.241539
Sema4c	MmuINT0141132	chr1	36607422	36607512	-	0.058862
Sema4c	MmuINT0141133	chr1	36607214	36607350	-	0.054454
Sema4c	MmuINT0141134	chr1	36611246	36612776	-	0.104089
Sema4c	MmuINT0141135	chr1	36610834	36611096	-	0.102677
Sema4c	MmuINT0141136	chr1	36610660	36610770	-	0.099202
Sema4c	MmuINT0141137	chr1	36610413	36610560	-	0.10623
Sema4c	MmuINT0141138	chr1	36610186	36610315	-	0.062104

Sema4c	MmuINT0141139	chr1	36609976	36610068	-	0.09128
Sema4c	MmuINT0141140	chr1	36609740	36609823	-	0.047818
Sema4c	MmuINT0141141	chr1	36609242	36609563	-	0.030984
Sema4d	MmuINT0141142	chr13	51858690	51888865	-	0.009539
Sema4d	MmuINT0141143	chr13	51806726	51806817	-	0.00615
Sema4d	MmuINT0141144	chr13	51805504	51806568	-	0.003568
Sema4d	MmuINT0141145	chr13	51804360	51805280	-	0.003762
Sema4d	MmuINT0141146	chr13	51800615	51804243	-	0.010377
Sema4d	MmuINT0141147	chr13	51800366	51800441	-	0.006583
Sema4d	MmuINT0141148	chr13	51798901	51800321	-	0.04442
Sema4d	MmuINT0141149	chr13	51820912	51858620	-	0.010446
Sema4d	MmuINT0141150	chr13	51819058	51820592	-	0.007336
Sema4d	MmuINT0141151	chr13	51817750	51818911	-	0.007552
Sema4d	MmuINT0141152	chr13	51815974	51817686	-	0.010501
Sema4d	MmuINT0141153	chr13	51810257	51815874	-	0.00946
Sema4d	MmuINT0141154	chr13	51809175	51810162	-	0.008332
Sema4d	MmuINT0141155	chr13	51808200	51809060	-	0.005027
Sema4d	MmuINT0141156	chr13	51806994	51808047	-	0.007258
Sema6a	MmuINT0141228	chr18	47443119	47447076	-	0.043346
Sema6a	MmuINT0141233	chr18	47436261	47438769	-	0.04026
Sema6b	MmuINT0141245	chr17	56267033	56267672	-	0.08894
Sema6b	MmuINT0141246	chr17	56266513	56266900	-	0.057136
Sema6b	MmuINT0141247	chr17	56266056	56266362	-	0.05224
Sema6b	MmuINT0141248	chr17	56265790	56265872	-	0.060112
Sema6b	MmuINT0141249	chr17	56265018	56265639	-	0.194556
Sema6b	MmuINT0141250	chr17	56264815	56264939	-	0.138441
Sema6b	MmuINT0141251	chr17	56264341	56264755	-	0.125088
Sema6b	MmuINT0141252	chr17	56272045	56272138	-	0.032794
Sema6b	MmuINT0141253	chr17	56271227	56271920	-	0.029009
Sema6b	MmuINT0141254	chr17	56271009	56271165	-	0.04452
Sema6b	MmuINT0141255	chr17	56270638	56270945	-	0.129275
Sema6b	MmuINT0141256	chr17	56270220	56270535	-	0.107404
Sema6b	MmuINT0141257	chr17	56269516	56270128	-	0.133103
Sema6b	MmuINT0141258	chr17	56268920	56269395	-	0.052712
Sema6b	MmuINT0141259	chr17	56267891	56268830	-	0.126333
Sema6c	MmuINT0141266	chr3	94975173	94975255	+	0.059185
Sema6d	MmuINT0141279	chr2	1.24E+08	1.24E+08	+	0.017548
Sema6d	MmuINT0141280	chr2	1.24E+08	1.24E+08	+	0.030078
Sema6d	MmuINT0141281	chr2	1.24E+08	1.24E+08	+	0.018032
Sema6d	MmuINT0141282	chr2	1.24E+08	1.24E+08	+	0.036072
Sema6d	MmuINT0141283	chr2	1.24E+08	1.24E+08	+	0.032431
Sema6d	MmuINT0141286	chr2	1.24E+08	1.24E+08	+	0.021707
Sema6d	MmuINT0141289	chr2	1.24E+08	1.24E+08	+	0.030614
Sema6d	MmuINT0141290	chr2	1.24E+08	1.24E+08	+	0.046337
Sema6d	MmuINT0141291	chr2	1.24E+08	1.24E+08	+	0.030874
Sema6d	MmuINT0141292	chr2	1.24E+08	1.24E+08	+	0.057225
Sema7a	MmuINT0141297	chr9	57788136	57801342	+	0.024227
Sema7a	MmuINT0141298	chr9	57805513	57808061	+	0.068147
Sema7a	MmuINT0141299	chr9	57808190	57808365	+	0.037666
Sema7a	MmuINT0141300	chr9	57808521	57808663	+	0.038342

Sema7a	MmuINT0141301	chr9	57808726	57809046	+	0.052779
Sema7a	MmuINT0141302	chr9	57801486	57801976	+	0.045496
Sema7a	MmuINT0141303	chr9	57802019	57802331	+	0.030548
Sema7a	MmuINT0141304	chr9	57802425	57802630	+	0.05352
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Sema7a	MmuINT0141306	chr9	57802978	57803509	+	0.008344
Sema7a	MmuINT0141307	chr9	57803650	57804147	+	0.020871
Sema7a	MmuINT0141308	chr9	57804333	57805115	+	0.01422
Sema7a	MmuINT0141309	chr9	57805225	57805313	+	0.010641
Senp1	MmuINT0141313	chr15	97889420	97890346	-	0.030818
Senp1	MmuINT0141314	chr15	97888783	97889334	-	0.024157
Senp1	MmuINT0141315	chr15	97887392	97888626	-	0.042541
Senp1	MmuINT0141316	chr15	97878821	97887259	-	0.021425
Senp1	MmuINT0141317	chr15	97877704	97878616	-	0.031261
Senp1	MmuINT0141318	chr15	97876375	97877623	-	0.058747
Senp1	MmuINT0141320	chr15	97873384	97875733	-	0.016898
Senp1	MmuINT0141321	chr15	97915532	97917516	-	0.050572
Senp1	MmuINT0141322	chr15	97912759	97915400	-	0.033298
Senp1	MmuINT0141323	chr15	97907141	97912673	-	0.061319
Senp1	MmuINT0141324	chr15	97906412	97906980	-	0.028355
Senp1	MmuINT0141325	chr15	97897293	97906239	-	0.037989
Senp1	MmuINT0141326	chr15	97897107	97897188	-	0.039776
Senp1	MmuINT0141327	chr15	97895305	97896834	-	0.04718
Senp1	MmuINT0141328	chr15	97890386	97895249	-	0.081736
Senp2	MmuINT0141329	chr16	22032238	22036542	+	0.19571
Senp2	MmuINT0141330	chr16	22036720	22038609	+	0.028585
Senp2	MmuINT0141331	chr16	22038742	22040512	+	0.021288
Senp2	MmuINT0141332	chr16	22040717	22041394	+	0.020606
Senp2	MmuINT0141333	chr16	22041475	22043042	+	0.015979
Senp2	MmuINT0141334	chr16	22043128	22044285	+	0.029993
Senp2	MmuINT0141335	chr16	22044382	22046705	+	0.014903
Senp2	MmuINT0141337	chr16	22014331	22016271	+	0.025067
Senp2	MmuINT0141338	chr16	22016339	22018409	+	0.017983
Senp2	MmuINT0141339	chr16	22018501	22023712	+	0.005156
Senp2	MmuINT0141340	chr16	22023882	22026711	+	0.012288
Senp2	MmuINT0141341	chr16	22026813	22028041	+	0.015512
Senp2	MmuINT0141342	chr16	22028137	22028613	+	0.005787
Senp2	MmuINT0141343	chr16	22028666	22032176	+	0.019503
Senp3	MmuINT0141345	chr11	69494353	69495164	-	0.037014
Senp3	MmuINT0141347	chr11	69492564	69493644	-	0.040006
Senp3	MmuINT0141351	chr11	69490670	69491474	-	0.026299
Senp3	MmuINT0141353	chr11	69487788	69487970	-	0.003634
Senp3	MmuINT0141354	chr11	69487600	69487703	-	0.002377
Senp5	MmuINT0141355	chr16	31990552	32003077	-	0.036986
Senp5	MmuINT0141357	chr16	31983718	31983853	-	0.025808
Senp5	MmuINT0141358	chr16	31983398	31983578	-	0.034564
Senp5	MmuINT0141359	chr16	31977844	31983349	-	0.039202
Senp5	MmuINT0141360	chr16	31969024	31977765	-	0.038132
Senp5	MmuINT0141361	chr16	31965915	31968885	-	0.090715
Senp5	MmuINT0141362	chr16	31964407	31965830	-	0.094973

Senp5		MmuINT0141363	chr16	31963624	31964355	-	0.054987
Senp6		MmuINT0141364	chr9	79915380	79935236	+	0.085052
Senp6		MmuINT0141365	chr9	79966450	79969133	+	0.01374
Senp6		MmuINT0141366	chr9	79969168	79969670	+	0.010716
Senp6		MmuINT0141367	chr9	79969866	79971526	+	0.005546
Senp6		MmuINT0141368	chr9	79971754	79973949	+	0.006856
Senp6		MmuINT0141369	chr9	79974060	79974142	+	0.010053
Senp6		MmuINT0141370	chr9	79974260	79978545	+	0.018767
Senp6		MmuINT0141371	chr9	79978666	79980695	+	0.005717
Senp6		MmuINT0141372	chr9	79980789	79984264	+	0.036652
Senp6		MmuINT0141373	chr9	79984690	79986850	+	0.005937
Senp6		MmuINT0141374	chr9	79986955	79988624	+	0.012597
Senp6		MmuINT0141375	chr9	79935331	79937655	+	0.013609
Senp6		MmuINT0141376	chr9	79988714	79989889	+	0.016514
Senp6		MmuINT0141377	chr9	79989959	79990051	+	0.004769
Senp6		MmuINT0141378	chr9	79990203	79991456	+	0.003826
Senp6		MmuINT0141379	chr9	79937714	79940073	+	0.011174
Senp6		MmuINT0141380	chr9	79940220	79941343	+	0.00665
Senp6		MmuINT0141381	chr9	79941449	79951500	+	0.112359
Senp6		MmuINT0141382	chr9	79951572	79959117	+	0.010219
Senp6		MmuINT0141383	chr9	79959261	79961533	+	0.007033
Senp6		MmuINT0141384	chr9	79961922	79964338	+	0.005331
Senp6		MmuINT0141385	chr9	79964572	79966284	+	0.005153
Senp7		MmuINT0141388	chr16	56075692	56082468	+	0.369439
Senp7		MmuINT0141392	chr16	56166126	56169807	+	0.028969
Senp7		MmuINT0141399	chr16	56082522	56089496	+	0.051694
Senp7		MmuINT0141400	chr16	56180692	56184259	+	0.119257
Senp7		MmuINT0141402	chr16	56184943	56186171	+	0.043925
Senp7		MmuINT0141403	chr16	56186323	56188347	+	0.02831
Senp7		MmuINT0141404	chr16	56089578	56097452	+	0.041517
Senp7		MmuINT0141405	chr16	56097545	56111718	+	0.047416
Senp7		MmuINT0141406	chr16	56111917	56123891	+	0.04531
Senp7		MmuINT0141407	chr16	56124084	56139097	+	0.043127
Senp7		MmuINT0141408	chr16	56139214	56151386	+	0.07968
	Sep-15	MmuINT0141415	chr3	1.44E+08	1.44E+08	+	0.002365
	Sep-15	MmuINT0141416	chr3	1.44E+08	1.44E+08	+	0.002011
	Sep-15	MmuINT0141417	chr3	1.44E+08	1.44E+08	+	0.003223
	Sep-15	MmuINT0141418	chr3	1.44E+08	1.44E+08	+	0.004718
Sephs1		MmuINT0141419	chr2	4802907	4805377	+	0.061326
Sephs1		MmuINT0141420	chr2	4805652	4810228	+	0.026707
Sephs1		MmuINT0141421	chr2	4810333	4812632	+	0.032994
Sephs1		MmuINT0141422	chr2	4812741	4814230	+	0.020624
Sephs1		MmuINT0141423	chr2	4814386	4817734	+	0.031353
Sephs1		MmuINT0141424	chr2	4817826	4820509	+	0.023651
Sephs1		MmuINT0141425	chr2	4820610	4826517	+	0.035448
Sephs1		MmuINT0141426	chr2	4826731	4827626	+	0.014573
Sepn1		MmuINT0141428	chr4	1.34E+08	1.34E+08	-	0.025987
Sepn1		MmuINT0141429	chr4	1.34E+08	1.34E+08	-	0.01864
Sepn1		MmuINT0141430	chr4	1.34E+08	1.34E+08	-	0.043171
Sepn1		MmuINT0141431	chr4	1.34E+08	1.34E+08	-	0.026386

Sepn1	MmuINT0141432	chr4	1.34E+08	1.34E+08	-	0.02919
Sepn1	MmuINT0141433	chr4	1.34E+08	1.34E+08	-	0.014039
Sepn1	MmuINT0141434	chr4	1.34E+08	1.34E+08	-	0.031882
Sepn1	MmuINT0141435	chr4	1.34E+08	1.34E+08	-	0.08706
Sepn1	MmuINT0141436	chr4	1.34E+08	1.34E+08	-	0.031026
Sepn1	MmuINT0141437	chr4	1.34E+08	1.34E+08	-	0.041566
Sepp1	MmuINT0141438	chr15	3221053	3224660	+	0.006065
Sepp1	MmuINT0141439	chr15	3224877	3225566	+	0.001216
Sepp1	MmuINT0141440	chr15	3225780	3227156	+	0.001083
Sepp1	MmuINT0141441	chr15	3227275	3229101	+	0.003196
Sepsecs	MmuINT0141442	chr5	53060293	53060813	-	0.036758
Sepsecs	MmuINT0141443	chr5	53035347	53038354	-	0.021193
Sepsecs	MmuINT0141444	chr5	53057346	53060137	-	0.095505
Sepsecs	MmuINT0141445	chr5	53056634	53057226	-	0.03668
Sepsecs	MmuINT0141446	chr5	53055561	53056474	-	0.061094
Sepsecs	MmuINT0141447	chr5	53051972	53055406	-	0.100643
Sepsecs	MmuINT0141449	chr5	53047345	53047464	-	0.037015
Sepsecs	MmuINT0141450	chr5	53038931	53047252	-	0.046324
Sepsecs	MmuINT0141451	chr5	53038446	53038836	-	0.045886
Sep-01	MmuINT0141453	chr7	1.34E+08	1.34E+08	-	0.142304
Sep-01	MmuINT0141458	chr7	1.34E+08	1.34E+08	-	0.446543
Sep-01	MmuINT0141461	chr7	1.34E+08	1.34E+08	-	0.079733
Sep-10	MmuINT0141463	chr10	58655564	58684138	-	0.049475
Sep-10	MmuINT0141464	chr10	58655110	58655445	-	0.012324
Sep-10	MmuINT0141466	chr10	58643930	58646272	-	0.013486
Sep-10	MmuINT0141467	chr10	58641606	58643767	-	0.013225
Sep-10	MmuINT0141468	chr10	58639765	58641508	-	0.00938
Sep-10	MmuINT0141469	chr10	58633695	58639595	-	0.010809
Sep-10	MmuINT0141470	chr10	58629440	58633561	-	0.011043
Sep-10	MmuINT0141471	chr10	58627693	58629251	-	0.155943
Sep-11	MmuINT0141472	chr5	93522624	93568474	+	0.065484
Sep-11	MmuINT0141473	chr5	93568590	93577412	+	0.023468
Sep-11	MmuINT0141474	chr5	93577609	93583895	+	0.026947
Sep-11	MmuINT0141475	chr5	93584083	93585876	+	0.01659
Sep-11	MmuINT0141476	chr5	93586039	93590175	+	0.019191
Sep-11	MmuINT0141477	chr5	93590273	93591149	+	0.036873
Sep-11	MmuINT0141478	chr5	93591319	93594274	+	0.018515
Sep-11	MmuINT0141479	chr5	93594408	93596525	+	0.023423
Sep-11	MmuINT0141480	chr5	93596714	93600364	+	0.203134
Sep-02	MmuINT0141500	chr1	95402179	95403539	+	0.010956
Sep-02	MmuINT0141501	chr1	95403660	95404289	+	0.003582
Sep-02	MmuINT0141502	chr1	95387855	95392155	+	0.002256
Sep-02	MmuINT0141503	chr1	95392243	95393917	+	0.002786
Sep-02	MmuINT0141504	chr1	95394042	95395588	+	0.018692
Sep-02	MmuINT0141505	chr1	95395724	95395849	+	0.0039
Sep-02	MmuINT0141506	chr1	95395968	95397034	+	0.003906
Sep-02	MmuINT0141507	chr1	95397137	95398083	+	0.005513
Sep-02	MmuINT0141508	chr1	95398230	95400011	+	0.005794
Sep-02	MmuINT0141509	chr1	95400096	95402120	+	0.025936
Sep-04	MmuINT0141522	chr11	87403321	87403457	+	0.226296



Sep-04	MmuINT0141523	chr11	87403558	87403817	+	0.065487
Sep-04	MmuINT0141524	chr11	87397117	87397422	+	0.108084
Sep-04	MmuINT0141525	chr11	87397517	87397900	+	0.021078
Sep-04	MmuINT0141526	chr11	87397988	87398619	+	0.008256
Sep-04	MmuINT0141527	chr11	87398744	87402219	+	0.205707
Sep-04	MmuINT0141528	chr11	87402355	87402469	+	0.080979
Sep-04	MmuINT0141529	chr11	87402588	87402676	+	0.077224
Sep-04	MmuINT0141530	chr11	87402779	87402969	+	0.056527
Sep-04	MmuINT0141531	chr11	87403067	87403157	+	0.042263
Sep-05	MmuINT0141533	chr16	18623111	18623197	-	0.068912
Sep-05	MmuINT0141534	chr16	18622890	18623007	-	0.047297
Sep-05	MmuINT0141535	chr16	18625535	18629743	-	0.12452
Sep-05	MmuINT0141536	chr16	18625349	18625437	-	0.058745
Sep-05	MmuINT0141537	chr16	18625026	18625261	-	0.082715
Sep-05	MmuINT0141538	chr16	18624811	18624901	-	0.04418
Sep-05	MmuINT0141540	chr16	18624306	18624439	-	0.09686
Sep-05	MmuINT0141541	chr16	18623511	18624203	-	0.244638
Sep-06	MmuINT0141549	chrX	34466910	34470093	-	0.031595
Sep-06	MmuINT0141550	chrX	34463026	34466776	-	0.041008
Sep-07	MmuINT0141555	chr9	25109123	25111301	+	0.002411
Sep-07	MmuINT0141556	chr9	25111438	25113710	+	0.006227
Sep-07	MmuINT0141557	chr9	25113851	25115097	+	0.005764
Sep-07	MmuINT0141558	chr9	25073081	25085124	+	0.001758
Sep-07	MmuINT0141559	chr9	25085232	25094252	+	0.001589
Sep-07	MmuINT0141560	chr9	25094354	25095768	+	0.003436
Sep-07	MmuINT0141561	chr9	25095904	25101269	+	0.003249
Sep-07	MmuINT0141562	chr9	25101388	25103979	+	0.004906
Sep-07	MmuINT0141563	chr9	25104073	25105396	+	0.003788
Sep-07	MmuINT0141564	chr9	25105494	25107076	+	0.012729
Sep-07	MmuINT0141565	chr9	25107129	25108996	+	0.001517
Sep-08	MmuINT0141566	chr11	53333542	53345497	+	0.02037
Sep-08	MmuINT0141567	chr11	53345619	53347934	+	0.009734
Sep-08	MmuINT0141568	chr11	53348131	53348450	+	0.054143
Sep-08	MmuINT0141569	chr11	53348638	53349449	+	0.00636
Sep-08	MmuINT0141570	chr11	53349612	53350153	+	0.00802
Sep-08	MmuINT0141571	chr11	53350251	53350655	+	0.010368
Sep-08	MmuINT0141572	chr11	53350825	53350988	+	0.01881
Sep-08	MmuINT0141573	chr11	53351122	53351226	+	0.006337
Sep-08	MmuINT0141574	chr11	53351418	53354531	+	0.771001
Sep-09	MmuINT0141581	chr11	1.17E+08	1.17E+08	+	0.012382
Sep-09	MmuINT0141582	chr11	1.17E+08	1.17E+08	+	0.011532
Sep-09	MmuINT0141583	chr11	1.17E+08	1.17E+08	+	0.013075
Sep-09	MmuINT0141584	chr11	1.17E+08	1.17E+08	+	0.02045
Sep-09	MmuINT0141585	chr11	1.17E+08	1.17E+08	+	0.013613
Sep-09	MmuINT0141586	chr11	1.17E+08	1.17E+08	+	0.011435
Sep-09	MmuINT0141587	chr11	1.17E+08	1.17E+08	+	0.058102
Sep-09	MmuINT0141588	chr11	1.17E+08	1.17E+08	+	0.017823
Sepw1	MmuINT0141589	chr7	16505823	16507600	-	0.009379
Sepw1	MmuINT0141590	chr7	16505708	16505797	-	0.003659
Sepw1	MmuINT0141591	chr7	16505467	16505653	-	0.007356

Sepw1	MmuINT0141592	chr7	16505296	16505391	-	0.002873
Sepw1	MmuINT0141593	chr7	16502889	16505196	-	0.007837
Sepx1	MmuINT0141594	chr17	24873708	24876443	+	0.001845
Sepx1	MmuINT0141595	chr17	24876593	24877024	+	0.001229
Sepx1	MmuINT0141596	chr17	24877140	24878850	+	0.019051
Sepx1	MmuINT0141597	chr17	24878883	24879254	+	0.503153
Serac1	MmuINT0141599	chr17	6056758	6060202	-	0.037589
Serac1	MmuINT0141600	chr17	6051832	6056606	-	0.275213
Serac1	MmuINT0141601	chr17	6050820	6051689	-	0.187337
Serac1	MmuINT0141602	chr17	6050061	6050724	-	0.132639
Serac1	MmuINT0141603	chr17	6049014	6049962	-	0.124363
Serac1	MmuINT0141604	chr17	6045789	6048830	-	0.047167
Serac1	MmuINT0141608	chr17	6067661	6069298	-	0.057809
Serac1	MmuINT0141609	chr17	6066793	6067528	-	0.03327
Serac1	MmuINT0141610	chr17	6065078	6066670	-	0.031946
Serac1	MmuINT0141611	chr17	6061662	6064948	-	0.049508
Serac1	MmuINT0141612	chr17	6060366	6061547	-	0.049303
Serbp1	MmuINT0141614	chr6	67217404	67221191	+	0.000945
Serbp1	MmuINT0141615	chr6	67221343	67221880	+	0.000806
Serbp1	MmuINT0141616	chr6	67222022	67222132	+	0.001828
Serbp1	MmuINT0141617	chr6	67227933	67231641	+	0.000663
Serbp1	MmuINT0141618	chr6	67231816	67233896	+	0.001654
Serf1	MmuINT0141619	chr13	1.01E+08	1.01E+08	+	0.009097
Serf1	MmuINT0141620	chr13	1.01E+08	1.01E+08	+	0.01076
Sergef	MmuINT0141623	chr7	53890927	53895082	-	0.051901
Sergef	MmuINT0141624	chr7	53698906	53771037	-	0.0622
Sergef	MmuINT0141625	chr7	53889281	53890790	-	0.034118
Sergef	MmuINT0141626	chr7	53888125	53889124	-	0.042304
Sergef	MmuINT0141627	chr7	53881640	53888029	-	0.069006
Sergef	MmuINT0141628	chr7	53877045	53881578	-	0.052721
Sergef	MmuINT0141629	chr7	53874129	53876930	-	0.059343
Sergef	MmuINT0141630	chr7	53870147	53874065	-	0.042545
Sergef	MmuINT0141631	chr7	53846144	53869987	-	0.038167
Sergef	MmuINT0141632	chr7	53771075	53845976	-	0.028072
Serhl	MmuINT0141633	chr15	82930778	82932073	+	0.060094
Serhl	MmuINT0141634	chr15	82944870	82945996	+	0.051402
Serhl	MmuINT0141635	chr15	82932224	82932301	+	0.014749
Serhl	MmuINT0141636	chr15	82932416	82932728	+	0.011033
Serhl	MmuINT0141637	chr15	82932771	82933054	+	0.013201
Serhl	MmuINT0141638	chr15	82933075	82933363	+	0.035331
Serhl	MmuINT0141639	chr15	82933439	82934738	+	0.098158
Serhl	MmuINT0141640	chr15	82934852	82936040	+	0.005887
Serhl	MmuINT0141641	chr15	82936121	82942639	+	0.006654
Serhl	MmuINT0141642	chr15	82942675	82944786	+	0.007596
Serinc1	MmuINT0141643	chr10	57247633	57252162	-	0.002078
Serinc1	MmuINT0141644	chr10	57245301	57247470	-	0.007445
Serinc1	MmuINT0141645	chr10	57244206	57245130	-	0.004868
Serinc1	MmuINT0141646	chr10	57243905	57244125	-	0.00257
Serinc1	MmuINT0141647	chr10	57243023	57243766	-	0.001054
Serinc1	MmuINT0141648	chr10	57239649	57242761	-	0.004684

Serinc1	MmuINT0141649	chr10	57239400	57239503	-	0.000812
Serinc1	MmuINT0141650	chr10	57237099	57239168	-	0.001688
Serinc3	MmuINT0141660	chr2	1.63E+08	1.63E+08	-	0.00495
Serinc3	MmuINT0141661	chr2	1.63E+08	1.63E+08	-	0.000823
Serinc3	MmuINT0141662	chr2	1.63E+08	1.63E+08	-	0.001089
Serinc3	MmuINT0141663	chr2	1.63E+08	1.63E+08	-	0.000798
Serinc3	MmuINT0141664	chr2	1.63E+08	1.63E+08	-	0.001106
Serinc3	MmuINT0141665	chr2	1.63E+08	1.63E+08	-	0.001029
Serinc3	MmuINT0141666	chr2	1.63E+08	1.63E+08	-	0.00137
Serinc3	MmuINT0141667	chr2	1.63E+08	1.63E+08	-	0.003476
Serinc3	MmuINT0141668	chr2	1.63E+08	1.63E+08	-	0.000392
Serinc4	MmuINT0141669	chr2	1.21E+08	1.21E+08	-	0.942162
Serinc4	MmuINT0141670	chr2	1.21E+08	1.21E+08	-	0.999392
Serinc4	MmuINT0141672	chr2	1.21E+08	1.21E+08	-	0.957697
Serinc4	MmuINT0141673	chr2	1.21E+08	1.21E+08	-	0.96626
Serinc4	MmuINT0141674	chr2	1.21E+08	1.21E+08	-	0.961001
Serinc4	MmuINT0141675	chr2	1.21E+08	1.21E+08	-	0.963056
Serinc4	MmuINT0141676	chr2	1.21E+08	1.21E+08	-	0.922707
Serinc4	MmuINT0141677	chr2	1.21E+08	1.21E+08	-	0.966243
Serinc5	MmuINT0141679	chr13	93381243	93430972	+	0.036233
Serinc5	MmuINT0141680	chr13	93475506	93476094	+	0.042191
Serinc5	MmuINT0141681	chr13	93476240	93477947	+	0.02146
Serinc5	MmuINT0141682	chr13	93431141	93452709	+	0.029871
Serinc5	MmuINT0141683	chr13	93452892	93453310	+	0.028254
Serinc5	MmuINT0141684	chr13	93453394	93455099	+	0.041996
Serinc5	MmuINT0141685	chr13	93455194	93458573	+	0.051378
Serinc5	MmuINT0141686	chr13	93458786	93460898	+	0.021318
Serinc5	MmuINT0141687	chr13	93460995	93463426	+	0.025618
Serinc5	MmuINT0141688	chr13	93463554	93471631	+	0.030648
Serinc5	MmuINT0141689	chr13	93471699	93475465	+	0.041584
Serp1	MmuINT0141690	chr3	58329081	58329331	-	0.013439
Serp1	MmuINT0141691	chr3	58327791	58329004	-	0.021206
Serpina3k	MmuINT0141762	chr12	1.06E+08	1.06E+08	+	0.047117
Serpina3n	MmuINT0141768	chr12	1.06E+08	1.06E+08	+	0.13911
Serpina3n	MmuINT0141769	chr12	1.06E+08	1.06E+08	+	0.044051
Serpina3n	MmuINT0141770	chr12	1.06E+08	1.06E+08	+	0.025687
Serpinb1a	MmuINT0141821	chr13	32940626	32942107	-	0.055093
Serpinb1a	MmuINT0141824	chr13	32937346	32937539	-	0.074107
Serpinb1a	MmuINT0141825	chr13	32935092	32937177	-	0.10596
Serpinb1c	MmuINT0141837	chr13	32974095	32975745	-	0.056817
Serpinb6a	MmuINT0141877	chr13	34027664	34027790	-	0.405857
Serpinb6a	MmuINT0141881	chr13	34023516	34088111	-	0.108639
Serpinb6a	MmuINT0141882	chr13	34022047	34023340	-	0.001829
Serpinb6a	MmuINT0141883	chr13	34017299	34021893	-	0.002689
Serpinb6a	MmuINT0141884	chr13	34014938	34017180	-	0.000396
Serpinb6a	MmuINT0141886	chr13	34010312	34010609	-	0.007422
Serpinb6b	MmuINT0141887	chr13	33057413	33060368	+	0.002904
Serpinb6b	MmuINT0141888	chr13	33060544	33063339	+	0.00385
Serpinb6b	MmuINT0141889	chr13	33063493	33064115	+	0.001445
Serpinb6b	MmuINT0141890	chr13	33064234	33066765	+	0.003398

Serpinb6b	MmuINT0141891	chr13	33066909	33069393	+	0.008383
Serpinb6b	MmuINT0141892	chr13	33069550	33069823	+	0.00289
Serpinb9	MmuINT0141923	chr13	33096565	33098401	+	0.012916
Serpinb9	MmuINT0141924	chr13	33098580	33099874	+	0.008627
Serpinb9	MmuINT0141925	chr13	33100013	33100636	+	0.01009
Serpinb9	MmuINT0141926	chr13	33100755	33102555	+	0.014574
Serpinb9	MmuINT0141927	chr13	33102699	33105730	+	0.015317
Serpinb9	MmuINT0141928	chr13	33105887	33107315	+	0.008279
Serpine1	MmuINT0141976	chr5	1.38E+08	1.38E+08	-	0.008311
Serpine1	MmuINT0141977	chr5	1.38E+08	1.38E+08	-	0.016732
Serpine1	MmuINT0141978	chr5	1.38E+08	1.38E+08	-	0.018258
Serpine1	MmuINT0141979	chr5	1.38E+08	1.38E+08	-	0.012238
Serpine1	MmuINT0141980	chr5	1.38E+08	1.38E+08	-	0.041706
Serpine1	MmuINT0141981	chr5	1.38E+08	1.38E+08	-	0.063728
Serpine1	MmuINT0141982	chr5	1.38E+08	1.38E+08	-	0.023089
Serpine1	MmuINT0141983	chr5	1.38E+08	1.38E+08	-	0.017386
Serpine2	MmuINT0141984	chr1	79818133	79855085	-	0.016343
Serpine2	MmuINT0141985	chr1	79813531	79817851	-	0.012446
Serpine2	MmuINT0141986	chr1	79807327	79813302	-	0.011829
Serpine2	MmuINT0141987	chr1	79799621	79807128	-	0.020995
Serpine2	MmuINT0141988	chr1	79798132	79799421	-	0.012582
Serpine2	MmuINT0141989	chr1	79796130	79798030	-	0.031105
Serpine2	MmuINT0141990	chr1	79793485	79796042	-	0.026517
Serpine2	MmuINT0141991	chr1	79791618	79793400	-	0.013283
Serpinf1	MmuINT0141992	chr11	75231499	75235997	-	0.055089
Serpinf1	MmuINT0141993	chr11	75229931	75231410	-	0.030855
Serpinf1	MmuINT0141994	chr11	75229233	75229731	-	0.016214
Serpinf1	MmuINT0141995	chr11	75228627	75229076	-	0.045183
Serpinf1	MmuINT0141996	chr11	75227552	75228422	-	0.011479
Serpinf1	MmuINT0141997	chr11	75224547	75227408	-	0.008962
Serpinf1	MmuINT0141998	chr11	75223896	75224335	-	0.020993
Serping1	MmuINT0142009	chr2	84613802	84614896	-	0.007273
Serping1	MmuINT0142010	chr2	84611717	84613287	-	0.005161
Serping1	MmuINT0142011	chr2	84610454	84611581	-	0.043435
Serping1	MmuINT0142012	chr2	84610068	84610249	-	0.02786
Serping1	MmuINT0142013	chr2	84607652	84609930	-	0.019129
Serping1	MmuINT0142014	chr2	84605985	84607431	-	0.00293
Serpinh1	MmuINT0142016	chr7	1.06E+08	1.06E+08	-	0.010359
Serpinh1	MmuINT0142017	chr7	1.06E+08	1.06E+08	-	0.001813
Serpinh1	MmuINT0142018	chr7	1.06E+08	1.06E+08	-	0.001279
Serpini1	MmuINT0142023	chr3	75420685	75423040	+	0.031408
Serpini1	MmuINT0142026	chr3	75441927	75444170	+	0.047864
Serpini1	MmuINT0142027	chr3	75444261	75444596	+	0.059841
Sertad1	MmuINT0142036	chr7	28272098	28274271	+	0.038769
Sertad3	MmuINT0142039	chr7	28258891	28261158	+	0.110367
Sesn1	MmuINT0142045	chr10	41531107	41613847	+	0.016885
Sesn1	MmuINT0142046	chr10	41613914	41614625	+	0.002054
Sesn1	MmuINT0142047	chr10	41614827	41615828	+	0.015274
Sesn1	MmuINT0142048	chr10	41616012	41617988	+	0.004114
Sesn1	MmuINT0142049	chr10	41618232	41622334	+	0.015529

Sesn1	MmuINT0142050	chr10	41622483	41623497	+	0.00607
Sesn1	MmuINT0142051	chr10	41623611	41624979	+	0.035801
Sesn1	MmuINT0142052	chr10	41625171	41626141	+	0.014624
Sesn1	MmuINT0142053	chr10	41626287	41627077	+	0.010645
Sesn2	MmuINT0142054	chr4	1.32E+08	1.32E+08	-	0.050128
Sesn2	MmuINT0142057	chr4	1.32E+08	1.32E+08	-	0.053526
Sesn2	MmuINT0142058	chr4	1.32E+08	1.32E+08	-	0.043482
Sesn2	MmuINT0142059	chr4	1.32E+08	1.32E+08	-	0.04268
Sesn2	MmuINT0142060	chr4	1.32E+08	1.32E+08	-	0.052551
Sesn2	MmuINT0142061	chr4	1.32E+08	1.32E+08	-	0.037685
Sesn2	MmuINT0142062	chr4	1.32E+08	1.32E+08	-	0.066128
Sesn3	MmuINT0142063	chr9	14081074	14110642	+	0.048159
Sesn3	MmuINT0142064	chr9	14110709	14112904	+	0.05115
Sesn3	MmuINT0142065	chr9	14113103	14114691	+	0.028492
Sesn3	MmuINT0142066	chr9	14114875	14118939	+	0.026007
Sesn3	MmuINT0142067	chr9	14119177	14120509	+	0.060806
Sesn3	MmuINT0142068	chr9	14120685	14124738	+	0.023405
Sesn3	MmuINT0142069	chr9	14124858	14125515	+	0.024597
Sesn3	MmuINT0142070	chr9	14125707	14127006	+	0.025201
Sesn3	MmuINT0142071	chr9	14127152	14130063	+	0.028711
Sestd1	MmuINT0142076	chr2	77030638	77034879	-	0.023605
Sestd1	MmuINT0142077	chr2	77029879	77030555	-	0.019168
Sestd1	MmuINT0142079	chr2	77026679	77029017	-	0.010746
Sestd1	MmuINT0142082	chr2	77072797	77079669	-	0.029286
Sestd1	MmuINT0142084	chr2	77056260	77068720	-	0.017704
Sestd1	MmuINT0142086	chr2	77053175	77054979	-	0.014784
Sestd1	MmuINT0142087	chr2	77050629	77053118	-	0.002696
Setbp1	MmuINT0142100	chr18	78952565	78979997	-	0.04974
Setd1a	MmuINT0142101	chr7	1.35E+08	1.35E+08	+	0.285297
Setd1a	MmuINT0142102	chr7	1.35E+08	1.35E+08	+	0.01491
Setd1a	MmuINT0142103	chr7	1.35E+08	1.35E+08	+	0.012644
Setd1a	MmuINT0142104	chr7	1.35E+08	1.35E+08	+	0.022654
Setd1a	MmuINT0142105	chr7	1.35E+08	1.35E+08	+	0.01185
Setd1a	MmuINT0142106	chr7	1.35E+08	1.35E+08	+	0.042544
Setd1a	MmuINT0142107	chr7	1.35E+08	1.35E+08	+	0.063585
Setd1a	MmuINT0142108	chr7	1.35E+08	1.35E+08	+	0.090319
Setd1a	MmuINT0142109	chr7	1.35E+08	1.35E+08	+	0.036035
Setd1a	MmuINT0142110	chr7	1.35E+08	1.35E+08	+	0.029276
Setd1a	MmuINT0142111	chr7	1.35E+08	1.35E+08	+	0.024157
Setd1a	MmuINT0142112	chr7	1.35E+08	1.35E+08	+	0.019951
Setd1a	MmuINT0142113	chr7	1.35E+08	1.35E+08	+	0.02263
Setd1a	MmuINT0142114	chr7	1.35E+08	1.35E+08	+	0.020847
Setd1a	MmuINT0142115	chr7	1.35E+08	1.35E+08	+	0.0134
Setd1a	MmuINT0142116	chr7	1.35E+08	1.35E+08	+	0.045007
Setd1a	MmuINT0142117	chr7	1.35E+08	1.35E+08	+	0.008671
Setd1a	MmuINT0142118	chr7	1.35E+08	1.35E+08	+	0.045304
Setd2	MmuINT0142120	chr9	1.1E+08	1.1E+08	+	0.020574
Setd2	MmuINT0142121	chr9	1.1E+08	1.1E+08	+	0.013856
Setd2	MmuINT0142122	chr9	1.1E+08	1.1E+08	+	0.01712
Setd2	MmuINT0142123	chr9	1.1E+08	1.1E+08	+	0.024925

Setd2	MmuINT0142124	chr9	1.1E+08	1.1E+08	+	0.010979
Setd2	MmuINT0142125	chr9	1.1E+08	1.1E+08	+	0.009384
Setd2	MmuINT0142126	chr9	1.1E+08	1.1E+08	+	0.011383
Setd2	MmuINT0142127	chr9	1.1E+08	1.1E+08	+	0.014378
Setd2	MmuINT0142128	chr9	1.1E+08	1.1E+08	+	0.01821
Setd2	MmuINT0142129	chr9	1.1E+08	1.1E+08	+	0.031099
Setd2	MmuINT0142130	chr9	1.1E+08	1.1E+08	+	0.012343
Setd2	MmuINT0142131	chr9	1.1E+08	1.1E+08	+	0.032584
Setd2	MmuINT0142132	chr9	1.1E+08	1.1E+08	+	0.021437
Setd2	MmuINT0142133	chr9	1.1E+08	1.1E+08	+	0.013025
Setd2	MmuINT0142134	chr9	1.1E+08	1.1E+08	+	0.016222
Setd2	MmuINT0142135	chr9	1.1E+08	1.1E+08	+	0.012114
Setd2	MmuINT0142136	chr9	1.1E+08	1.1E+08	+	0.016733
Setd2	MmuINT0142137	chr9	1.1E+08	1.1E+08	+	0.012093
Setd2	MmuINT0142138	chr9	1.1E+08	1.1E+08	+	0.014939
Setd3	MmuINT0142139	chr12	1.09E+08	1.09E+08	-	0.002817
Setd3	MmuINT0142140	chr12	1.09E+08	1.09E+08	-	0.001637
Setd4	MmuINT0142152	chr16	93585548	93586481	-	0.171837
Setd4	MmuINT0142153	chr16	93583930	93585423	-	0.24573
Setd4	MmuINT0142155	chr16	93599553	93601882	-	0.061234
Setd4	MmuINT0142159	chr16	93590331	93591118	-	0.492107
Setd5	MmuINT0142162	chr6	1.13E+08	1.13E+08	+	0.019595
Setd5	MmuINT0142163	chr6	1.13E+08	1.13E+08	+	0.016942
Setd5	MmuINT0142164	chr6	1.13E+08	1.13E+08	+	0.010625
Setd5	MmuINT0142165	chr6	1.13E+08	1.13E+08	+	0.010661
Setd5	MmuINT0142166	chr6	1.13E+08	1.13E+08	+	0.010613
Setd5	MmuINT0142167	chr6	1.13E+08	1.13E+08	+	0.01293
Setd5	MmuINT0142168	chr6	1.13E+08	1.13E+08	+	0.015654
Setd5	MmuINT0142169	chr6	1.13E+08	1.13E+08	+	0.013501
Setd5	MmuINT0142170	chr6	1.13E+08	1.13E+08	+	0.034839
Setd5	MmuINT0142171	chr6	1.13E+08	1.13E+08	+	0.015517
Setd5	MmuINT0142172	chr6	1.13E+08	1.13E+08	+	0.034075
Setd5	MmuINT0142174	chr6	1.13E+08	1.13E+08	+	0.041919
Setd5	MmuINT0142175	chr6	1.13E+08	1.13E+08	+	0.012319
Setd5	MmuINT0142176	chr6	1.13E+08	1.13E+08	+	0.254466
Setd5	MmuINT0142177	chr6	1.13E+08	1.13E+08	+	0.053844
Setd5	MmuINT0142178	chr6	1.13E+08	1.13E+08	+	0.019728
Setd5	MmuINT0142179	chr6	1.13E+08	1.13E+08	+	0.012409
Setd5	MmuINT0142180	chr6	1.13E+08	1.13E+08	+	0.011715
Setd5	MmuINT0142181	chr6	1.13E+08	1.13E+08	+	0.027038
Setd5	MmuINT0142182	chr6	1.13E+08	1.13E+08	+	0.019259
Setd6	MmuINT0142183	chr8	98240171	98240252	+	0.093868
Setd6	MmuINT0142184	chr8	98240395	98240506	+	0.103988
Setd6	MmuINT0142185	chr8	98240702	98240820	+	0.075315
Setd6	MmuINT0142186	chr8	98240942	98241820	+	0.076736
Setd6	MmuINT0142187	chr8	98242002	98242092	+	0.017877
Setd6	MmuINT0142188	chr8	98242236	98242375	+	0.010441
Setd7	MmuINT0142189	chr3	51354287	51364439	-	0.017526
Setd7	MmuINT0142190	chr3	51346756	51354156	-	0.006034
Setd7	MmuINT0142191	chr3	51340578	51346553	-	0.00601

Setd7	MmuINT0142192	chr3	51336979	51340387	-	0.025027
Setd7	MmuINT0142193	chr3	51334111	51336896	-	0.008002
Setd7	MmuINT0142194	chr3	51330925	51333992	-	0.012615
Setd7	MmuINT0142195	chr3	51325410	51330766	-	0.008519
Setd8	MmuINT0142197	chr5	1.25E+08	1.25E+08	+	0.225883
Setd8	MmuINT0142198	chr5	1.25E+08	1.25E+08	+	0.045149
Setd8	MmuINT0142199	chr5	1.25E+08	1.25E+08	+	0.001035
Setd8	MmuINT0142201	chr5	1.25E+08	1.25E+08	+	0.007623
Setdb1	MmuINT0142205	chr3	95144235	95145255	-	0.030195
Setdb1	MmuINT0142206	chr3	95142955	95143828	-	0.018375
Setdb1	MmuINT0142207	chr3	95141188	95142267	-	0.431642
Setdb1	MmuINT0142208	chr3	95132640	95141070	-	0.025677
Setdb1	MmuINT0142209	chr3	95131759	95132469	-	0.014923
Setdb1	MmuINT0142210	chr3	95130337	95131129	-	0.028867
Setdb1	MmuINT0142211	chr3	95130195	95130307	-	0.059676
Setdb1	MmuINT0142212	chr3	95129806	95130064	-	0.043685
Setdb1	MmuINT0142213	chr3	95128764	95129639	-	0.01789
Setdb1	MmuINT0142215	chr3	95128316	95128551	-	0.148594
Setdb1	MmuINT0142216	chr3	95128113	95128226	-	0.038606
Setdb1	MmuINT0142218	chr3	95152018	95153760	-	0.029343
Setdb1	MmuINT0142219	chr3	95151044	95151917	-	0.021794
Setdb1	MmuINT0142220	chr3	95150739	95150917	-	0.031833
Setdb1	MmuINT0142221	chr3	95149522	95150536	-	0.02434
Setdb1	MmuINT0142222	chr3	95145769	95149447	-	0.018494
Setdb1	MmuINT0142223	chr3	95145386	95145577	-	0.018691
Setdb2	MmuINT0142224	chr14	60056603	60059423	-	0.081854
Setdb2	MmuINT0142225	chr14	60031649	60032317	-	0.039151
Setdb2	MmuINT0142226	chr14	60031022	60031548	-	0.06944
Setdb2	MmuINT0142227	chr14	60028356	60030927	-	0.12952
Setdb2	MmuINT0142228	chr14	60025572	60028014	-	0.046762
Setdb2	MmuINT0142229	chr14	60021254	60025482	-	0.057071
Setdb2	MmuINT0142230	chr14	60050106	60056273	-	0.061614
Setdb2	MmuINT0142231	chr14	60045392	60049979	-	0.714135
Setdb2	MmuINT0142234	chr14	60038399	60042224	-	0.060839
Setdb2	MmuINT0142236	chr14	60034706	60036245	-	0.044924
Setdb2	MmuINT0142237	chr14	60032517	60034535	-	0.02905
Setx	MmuINT0142239	chr2	28981070	28981371	+	0.054428
Setx	MmuINT0142240	chr2	29004242	29005527	+	0.030734
Setx	MmuINT0142241	chr2	29005628	29009457	+	0.024617
Setx	MmuINT0142242	chr2	29009617	29012507	+	0.020525
Setx	MmuINT0142243	chr2	29012741	29013617	+	0.017771
Setx	MmuINT0142244	chr2	29013786	29014360	+	0.019659
Setx	MmuINT0142245	chr2	29014518	29016991	+	0.01828
Setx	MmuINT0142246	chr2	29017094	29017269	+	0.033002
Setx	MmuINT0142247	chr2	29017386	29018497	+	0.042657
Setx	MmuINT0142248	chr2	29018570	29019921	+	0.022655
Setx	MmuINT0142249	chr2	29020072	29021787	+	0.024411
Setx	MmuINT0142250	chr2	28981484	28982393	+	0.059906
Setx	MmuINT0142251	chr2	29021896	29026682	+	0.022833
Setx	MmuINT0142252	chr2	29026871	29027835	+	0.048942

Setx	MmuINT0142253	chr2	29027929	29029076	+	0.022734
Setx	MmuINT0142254	chr2	29029242	29032396	+	0.066574
Setx	MmuINT0142255	chr2	29032496	29033034	+	0.043511
Setx	MmuINT0142256	chr2	29033123	29034919	+	0.027909
Setx	MmuINT0142257	chr2	28982584	28985699	+	0.034709
Setx	MmuINT0142258	chr2	28985911	28989441	+	0.234803
Setx	MmuINT0142260	chr2	28994960	28995788	+	0.023277
Setx	MmuINT0142261	chr2	28995909	28999409	+	0.051389
Setx	MmuINT0142262	chr2	28999582	28999697	+	0.042681
Setx	MmuINT0142263	chr2	28999786	29000122	+	0.030518
Sez6l2	MmuINT0142299	chr7	1.34E+08	1.34E+08	+	0.056285
Sez6l2	MmuINT0142300	chr7	1.34E+08	1.34E+08	+	0.044018
Sez6l2	MmuINT0142301	chr7	1.34E+08	1.34E+08	+	0.086615
Sez6l2	MmuINT0142303	chr7	1.34E+08	1.34E+08	+	0.042766
Sez6l2	MmuINT0142304	chr7	1.34E+08	1.34E+08	+	0.05996
Sf1	MmuINT0142314	chr19	6364119	6365663	+	0.073052
Sf1	MmuINT0142315	chr19	6374284	6374548	+	0.072603
Sf1	MmuINT0142316	chr19	6374609	6374718	+	0.005791
Sf1	MmuINT0142317	chr19	6365793	6368363	+	0.168605
Sf1	MmuINT0142318	chr19	6368440	6371266	+	0.143981
Sf1	MmuINT0142319	chr19	6371420	6371617	+	0.003407
Sf1	MmuINT0142320	chr19	6371708	6372024	+	0.003123
Sf1	MmuINT0142321	chr19	6372209	6372300	+	0.003111
Sf1	MmuINT0142322	chr19	6372417	6372517	+	0.003022
Sf1	MmuINT0142323	chr19	6372626	6373572	+	0.031585
Sf1	MmuINT0142324	chr19	6373754	6374009	+	0.012509
Sf3a1	MmuINT0142325	chr11	4060554	4061048	+	0.031973
Sf3a1	MmuINT0142326	chr11	4076395	4076483	+	0.0046
Sf3a1	MmuINT0142327	chr11	4076730	4077415	+	0.006621
Sf3a1	MmuINT0142328	chr11	4077624	4078073	+	0.03834
Sf3a1	MmuINT0142329	chr11	4078229	4079143	+	0.019595
Sf3a1	MmuINT0142330	chr11	4079246	4079356	+	0.000419
Sf3a1	MmuINT0142331	chr11	4079429	4080036	+	0.005867
Sf3a1	MmuINT0142332	chr11	4061171	4066498	+	0.009383
Sf3a1	MmuINT0142333	chr11	4066707	4067635	+	0.006561
Sf3a1	MmuINT0142334	chr11	4067894	4071064	+	0.017079
Sf3a1	MmuINT0142335	chr11	4071140	4073082	+	0.008858
Sf3a1	MmuINT0142336	chr11	4073234	4074034	+	0.004392
Sf3a1	MmuINT0142337	chr11	4074223	4075038	+	0.008519
Sf3a1	MmuINT0142338	chr11	4075157	4075397	+	0.01014
Sf3a1	MmuINT0142339	chr11	4075584	4076272	+	0.008912
Sf3a2	MmuINT0142340	chr10	80261551	80263940	+	0.034158
Sf3a2	MmuINT0142341	chr10	80264104	80264200	+	0.012568
Sf3a2	MmuINT0142342	chr10	80264273	80265142	+	0.023226
Sf3a2	MmuINT0142343	chr10	80265190	80265536	+	0.053198
Sf3a2	MmuINT0142344	chr10	80265647	80266204	+	0.020309
Sf3a2	MmuINT0142345	chr10	80266255	80266327	+	0.067163
Sf3a2	MmuINT0142346	chr10	80266469	80266564	+	0.026126
Sf3a2	MmuINT0142347	chr10	80266634	80266716	+	0.022503
Sf3a3	MmuINT0142348	chr4	1.24E+08	1.24E+08	+	0.013658



Sf3a3	MmuINT0142349	chr4	1.24E+08	1.24E+08	+	0.021316
Sf3a3	MmuINT0142351	chr4	1.24E+08	1.24E+08	+	0.009363
Sf3a3	MmuINT0142352	chr4	1.24E+08	1.24E+08	+	0.017102
Sf3a3	MmuINT0142353	chr4	1.24E+08	1.24E+08	+	0.063133
Sf3a3	MmuINT0142354	chr4	1.24E+08	1.24E+08	+	0.024797
Sf3a3	MmuINT0142355	chr4	1.24E+08	1.24E+08	+	0.029681
Sf3a3	MmuINT0142356	chr4	1.24E+08	1.24E+08	+	0.006729
Sf3a3	MmuINT0142357	chr4	1.24E+08	1.24E+08	+	0.014015
Sf3a3	MmuINT0142358	chr4	1.24E+08	1.24E+08	+	0.008267
Sf3a3	MmuINT0142360	chr4	1.24E+08	1.24E+08	+	0.027936
Sf3a3	MmuINT0142361	chr4	1.24E+08	1.24E+08	+	0.004665
Sf3a3	MmuINT0142362	chr4	1.24E+08	1.24E+08	+	0.023862
Sf3a3	MmuINT0142363	chr4	1.24E+08	1.24E+08	+	0.017463
Sf3b1	MmuINT0142364	chr1	55076245	55084182	-	0.006447
Sf3b1	MmuINT0142365	chr1	55060050	55060136	-	0.004046
Sf3b1	MmuINT0142366	chr1	55058407	55059947	-	0.004245
Sf3b1	MmuINT0142367	chr1	55057943	55058226	-	0.003396
Sf3b1	MmuINT0142368	chr1	55057759	55057855	-	0.003254
Sf3b1	MmuINT0142369	chr1	55057232	55057487	-	0.002438
Sf3b1	MmuINT0142370	chr1	55057006	55057085	-	0.002728
Sf3b1	MmuINT0142371	chr1	55056597	55056858	-	0.002563
Sf3b1	MmuINT0142372	chr1	55055104	55056470	-	0.002709
Sf3b1	MmuINT0142373	chr1	55054039	55054881	-	0.002981
Sf3b1	MmuINT0142374	chr1	55053773	55053855	-	0.002796
Sf3b1	MmuINT0142375	chr1	55073728	55076077	-	0.003745
Sf3b1	MmuINT0142376	chr1	55052331	55053660	-	0.002488
Sf3b1	MmuINT0142377	chr1	55051306	55052209	-	0.003035
Sf3b1	MmuINT0142378	chr1	55047420	55051173	-	0.025007
Sf3b1	MmuINT0142379	chr1	55045000	55047146	-	0.003918
Sf3b1	MmuINT0142380	chr1	55044337	55044782	-	0.004173
Sf3b1	MmuINT0142381	chr1	55073335	55073622	-	0.003656
Sf3b1	MmuINT0142382	chr1	55071407	55073219	-	0.271543
Sf3b1	MmuINT0142383	chr1	55069117	55071326	-	0.003809
Sf3b1	MmuINT0142384	chr1	55064562	55068945	-	0.003087
Sf3b1	MmuINT0142385	chr1	55063228	55064323	-	0.004916
Sf3b1	MmuINT0142386	chr1	55062768	55063014	-	0.003037
Sf3b1	MmuINT0142387	chr1	55060335	55062645	-	0.00488
Sf3b2	MmuINT0142388	chr19	5295088	5295261	-	0.004348
Sf3b2	MmuINT0142389	chr19	5286658	5286810	-	0.002641
Sf3b2	MmuINT0142390	chr19	5286417	5286576	-	0.007673
Sf3b2	MmuINT0142391	chr19	5284725	5286188	-	0.029733
Sf3b2	MmuINT0142392	chr19	5283948	5284574	-	0.047256
Sf3b2	MmuINT0142393	chr19	5283751	5283857	-	0.002329
Sf3b2	MmuINT0142394	chr19	5279950	5283642	-	0.002791
Sf3b2	MmuINT0142395	chr19	5279613	5279841	-	0.006872
Sf3b2	MmuINT0142396	chr19	5279371	5279469	-	0.001968
Sf3b2	MmuINT0142397	chr19	5275164	5279268	-	0.008596
Sf3b2	MmuINT0142398	chr19	5274978	5275063	-	0.002523
Sf3b2	MmuINT0142399	chr19	5294377	5295040	-	0.005271
Sf3b2	MmuINT0142400	chr19	5274528	5274791	-	0.00347

Sf3b2	MmuINT0142401	chr19	5293320	5294298	-	0.002662
Sf3b2	MmuINT0142402	chr19	5291423	5293079	-	0.001993
Sf3b2	MmuINT0142404	chr19	5288007	5288303	-	0.003168
Sf3b2	MmuINT0142405	chr19	5287627	5287909	-	0.002403
Sf3b2	MmuINT0142406	chr19	5287285	5287534	-	0.001836
Sf3b2	MmuINT0142407	chr19	5286949	5287068	-	0.001341
Sf3b3	MmuINT0142408	chr8	1.13E+08	1.13E+08	-	0.01952
Sf3b3	MmuINT0142409	chr8	1.13E+08	1.13E+08	-	0.020531
Sf3b3	MmuINT0142410	chr8	1.13E+08	1.13E+08	-	0.017661
Sf3b3	MmuINT0142411	chr8	1.13E+08	1.13E+08	-	0.007967
Sf3b3	MmuINT0142412	chr8	1.13E+08	1.13E+08	-	0.013593
Sf3b3	MmuINT0142413	chr8	1.13E+08	1.13E+08	-	0.005255
Sf3b3	MmuINT0142414	chr8	1.13E+08	1.13E+08	-	0.021729
Sf3b3	MmuINT0142415	chr8	1.13E+08	1.13E+08	-	0.007531
Sf3b3	MmuINT0142416	chr8	1.13E+08	1.13E+08	-	0.010357
Sf3b3	MmuINT0142417	chr8	1.13E+08	1.13E+08	-	0.007039
Sf3b3	MmuINT0142418	chr8	1.13E+08	1.13E+08	-	0.009986
Sf3b3	MmuINT0142419	chr8	1.13E+08	1.13E+08	-	0.007365
Sf3b3	MmuINT0142420	chr8	1.13E+08	1.13E+08	-	0.00664
Sf3b3	MmuINT0142421	chr8	1.13E+08	1.13E+08	-	0.007522
Sf3b3	MmuINT0142422	chr8	1.13E+08	1.13E+08	-	0.012924
Sf3b3	MmuINT0142423	chr8	1.13E+08	1.13E+08	-	0.006798
Sf3b3	MmuINT0142424	chr8	1.13E+08	1.13E+08	-	0.027069
Sf3b3	MmuINT0142425	chr8	1.13E+08	1.13E+08	-	0.00931
Sf3b3	MmuINT0142426	chr8	1.13E+08	1.13E+08	-	0.006199
Sf3b3	MmuINT0142427	chr8	1.13E+08	1.13E+08	-	0.007054
Sf3b3	MmuINT0142428	chr8	1.13E+08	1.13E+08	-	0.012817
Sf3b3	MmuINT0142429	chr8	1.13E+08	1.13E+08	-	0.00826
Sf3b3	MmuINT0142430	chr8	1.13E+08	1.13E+08	-	0.008357
Sf3b3	MmuINT0142431	chr8	1.13E+08	1.13E+08	-	0.007518
Sf3b3	MmuINT0142432	chr8	1.13E+08	1.13E+08	-	0.010418
Sf3b4	MmuINT0142437	chr3	95980732	95980901	+	0.006491
Sfi1	MmuINT0142440	chr11	3056868	3057868	-	0.48352
Sfi1	MmuINT0142441	chr11	3055500	3056774	-	0.523483
Sfi1	MmuINT0142442	chr11	3053502	3055401	-	0.0755
Sfi1	MmuINT0142443	chr11	3046296	3053434	-	0.074738
Sfi1	MmuINT0142444	chr11	3045326	3046164	-	0.051076
Sfi1	MmuINT0142445	chr11	3044974	3045243	-	0.038685
Sfi1	MmuINT0142446	chr11	3044296	3044794	-	0.031168
Sfi1	MmuINT0142450	chr11	3042414	3043262	-	0.04196
Sfi1	MmuINT0142451	chr11	3040237	3042310	-	0.040378
Sfi1	MmuINT0142454	chr11	3036021	3036627	-	0.211044
Sfi1	MmuINT0142456	chr11	3035546	3035656	-	0.107453
Sfi1	MmuINT0142457	chr11	3034734	3035285	-	0.889249
Sfi1	MmuINT0142458	chr11	3034505	3034628	-	0.30886
Sfi1	MmuINT0142460	chr11	3086140	3087242	-	0.025762
Sfi1	MmuINT0142461	chr11	3032969	3033074	-	0.163417
Sfi1	MmuINT0142462	chr11	3032331	3032889	-	0.741211
Sfi1	MmuINT0142463	chr11	3032135	3032218	-	0.446208
Sfi1	MmuINT0142464	chr11	3079511	3086067	-	0.032938

Sfi1	MmuINT0142469	chr11	3060150	3064559	-	0.067657
Sfmbt1	MmuINT0142474	chr14	31604003	31609511	+	0.055389
Sfmbt1	MmuINT0142475	chr14	31609639	31610761	+	0.046879
Sfmbt1	MmuINT0142478	chr14	31615106	31615717	+	0.037198
Sfmbt1	MmuINT0142479	chr14	31615858	31623481	+	0.045135
Sfmbt1	MmuINT0142480	chr14	31623592	31624574	+	0.041579
Sfmbt1	MmuINT0142481	chr14	31624751	31628259	+	0.021766
Sfmbt1	MmuINT0142482	chr14	31628439	31628593	+	0.030264
Sfmbt1	MmuINT0142483	chr14	31628840	31629933	+	0.038064
Sfmbt1	MmuINT0142484	chr14	31579288	31582984	+	0.03541
Sfmbt1	MmuINT0142485	chr14	31630063	31630893	+	0.027542
Sfmbt1	MmuINT0142486	chr14	31583080	31587070	+	0.036857
Sfmbt1	MmuINT0142487	chr14	31587312	31591089	+	0.035293
Sfmbt1	MmuINT0142488	chr14	31591179	31597128	+	0.033177
Sfmbt1	MmuINT0142489	chr14	31597376	31597886	+	0.024779
Sfmbt1	MmuINT0142490	chr14	31597976	31598999	+	0.040096
Sfmbt1	MmuINT0142491	chr14	31599102	31600642	+	0.05752
Sfmbt1	MmuINT0142492	chr14	31600794	31603919	+	0.041084
Sfpi1	MmuINT0142515	chr2	90937151	90939586	+	0.077108
Sfpi1	MmuINT0142516	chr2	90939684	90953411	+	0.139274
Sfpi1	MmuINT0142517	chr2	90953603	90954401	+	0.026046
Sfpi1	MmuINT0142518	chr2	90954568	90955231	+	0.057591
Sfpq	MmuINT0142519	chr4	1.27E+08	1.27E+08	+	0.013523
Sfpq	MmuINT0142520	chr4	1.27E+08	1.27E+08	+	0.003015
Sfpq	MmuINT0142521	chr4	1.27E+08	1.27E+08	+	0.002819
Sfpq	MmuINT0142522	chr4	1.27E+08	1.27E+08	+	0.001985
Sfpq	MmuINT0142523	chr4	1.27E+08	1.27E+08	+	0.002495
Sfpq	MmuINT0142524	chr4	1.27E+08	1.27E+08	+	0.026838
Sfpq	MmuINT0142525	chr4	1.27E+08	1.27E+08	+	0.001786
Sfpq	MmuINT0142526	chr4	1.27E+08	1.27E+08	+	0.003734
Sfpq	MmuINT0142527	chr4	1.27E+08	1.27E+08	+	0.205215
Sfrs18	MmuINT0142539	chr4	21775287	21781493	+	0.021271
Sfrs18	MmuINT0142540	chr4	21798756	21800732	+	0.091902
Sfrs18	MmuINT0142541	chr4	21801820	21802059	+	0.648517
Sfrs18	MmuINT0142542	chr4	21781593	21784326	+	0.007204
Sfrs18	MmuINT0142543	chr4	21784516	21786230	+	0.164172
Sfrs18	MmuINT0142544	chr4	21786455	21787966	+	0.093772
Sfrs18	MmuINT0142545	chr4	21788139	21789133	+	0.004978
Sfrs18	MmuINT0142546	chr4	21789325	21793023	+	0.004379
Sfrs18	MmuINT0142547	chr4	21793162	21796662	+	0.005468
Sfrs18	MmuINT0142548	chr4	21796763	21797498	+	0.476834
Sfrs18	MmuINT0142549	chr4	21797553	21798584	+	0.514673
Sfswap	MmuINT0142550	chr5	1.3E+08	1.3E+08	+	0.35204
Sfswap	MmuINT0142551	chr5	1.3E+08	1.3E+08	+	0.012006
Sfswap	MmuINT0142552	chr5	1.3E+08	1.3E+08	+	0.171892
Sfswap	MmuINT0142553	chr5	1.3E+08	1.3E+08	+	0.008174
Sfswap	MmuINT0142554	chr5	1.3E+08	1.3E+08	+	0.008308
Sfswap	MmuINT0142555	chr5	1.3E+08	1.3E+08	+	0.074198
Sfswap	MmuINT0142556	chr5	1.3E+08	1.3E+08	+	0.016554
Sfswap	MmuINT0142557	chr5	1.3E+08	1.3E+08	+	0.029625

Sfswap	MmuINT0142558	chr5	1.3E+08	1.3E+08	+	0.028395
Sfswap	MmuINT0142559	chr5	1.3E+08	1.3E+08	+	0.050417
Sfswap	MmuINT0142560	chr5	1.3E+08	1.3E+08	+	0.014208
Sfswap	MmuINT0142561	chr5	1.3E+08	1.3E+08	+	0.008603
Sfswap	MmuINT0142562	chr5	1.3E+08	1.3E+08	+	0.010303
Sfswap	MmuINT0142563	chr5	1.3E+08	1.3E+08	+	0.010889
Sfswap	MmuINT0142564	chr5	1.3E+08	1.3E+08	+	0.022909
Sfswap	MmuINT0142565	chr5	1.3E+08	1.3E+08	+	0.033969
Sfswap	MmuINT0142566	chr5	1.3E+08	1.3E+08	+	0.013325
Sft2d2	MmuINT0142574	chr1	1.67E+08	1.67E+08	-	0.020629
Sft2d2	MmuINT0142575	chr1	1.67E+08	1.67E+08	-	0.017635
Sft2d2	MmuINT0142576	chr1	1.67E+08	1.67E+08	-	0.028283
Sft2d2	MmuINT0142577	chr1	1.67E+08	1.67E+08	-	0.040459
Sft2d2	MmuINT0142578	chr1	1.67E+08	1.67E+08	-	0.026774
Sft2d2	MmuINT0142579	chr1	1.67E+08	1.67E+08	-	0.063114
Sft2d2	MmuINT0142580	chr1	1.67E+08	1.67E+08	-	0.030595
Sfxn1	MmuINT0142611	chr13	54167302	54180817	+	0.062561
Sfxn1	MmuINT0142612	chr13	54201165	54201875	+	0.056567
Sfxn1	MmuINT0142613	chr13	54180993	54184257	+	0.044789
Sfxn1	MmuINT0142614	chr13	54184429	54186591	+	0.044675
Sfxn1	MmuINT0142615	chr13	54186691	54187741	+	0.046081
Sfxn1	MmuINT0142616	chr13	54187818	54188369	+	0.041163
Sfxn1	MmuINT0142617	chr13	54188456	54189222	+	0.076333
Sfxn1	MmuINT0142618	chr13	54189351	54192099	+	0.064699
Sfxn1	MmuINT0142620	chr13	54200221	54201116	+	0.058299
Sfxn3	MmuINT0142633	chr19	45122381	45123593	+	0.105489
Sfxn3	MmuINT0142634	chr19	45128840	45129094	+	0.09309
Sfxn3	MmuINT0142635	chr19	45124405	45124717	+	0.102513
Sfxn3	MmuINT0142636	chr19	45124817	45125139	+	0.150487
Sfxn3	MmuINT0142637	chr19	45125216	45125365	+	0.059624
Sfxn3	MmuINT0142638	chr19	45126714	45126900	+	0.108772
Sfxn3	MmuINT0142639	chr19	45126951	45128159	+	0.113006
Sfxn4	MmuINT0142640	chr19	60935998	60937201	-	0.067711
Sfxn4	MmuINT0142641	chr19	60926978	60927914	-	0.182108
Sfxn4	MmuINT0142642	chr19	60920198	60926861	-	0.171745
Sfxn4	MmuINT0142643	chr19	60918140	60920111	-	0.02425
Sfxn4	MmuINT0142644	chr19	60914954	60918021	-	0.021607
Sfxn4	MmuINT0142646	chr19	60933280	60934566	-	0.036207
Sfxn4	MmuINT0142647	chr19	60933168	60933252	-	0.04673
Sfxn4	MmuINT0142648	chr19	60931756	60933112	-	0.044592
Sfxn4	MmuINT0142649	chr19	60929964	60931729	-	0.034291
Sfxn4	MmuINT0142650	chr19	60929824	60929909	-	0.037859
Sfxn4	MmuINT0142652	chr19	60927994	60929589	-	0.033984
Sfxn5	MmuINT0142657	chr6	85165741	85179187	-	0.438448
Sfxn5	MmuINT0142659	chr6	85239783	85249533	-	0.054738
Sgca	MmuINT0142666	chr11	94833926	94834715	-	0.036526
Sgca	MmuINT0142667	chr11	94833683	94833805	-	0.008629
Sgca	MmuINT0142668	chr11	94833357	94833527	-	0.011295
Sgca	MmuINT0142669	chr11	94832754	94833283	-	0.003004
Sgca	MmuINT0142670	chr11	94832148	94832554	-	0.030012

Sgca	MmuINT0142671	chr11	94830877	94831984	-	0.036361
Sgca	MmuINT0142672	chr11	94830400	94830667	-	0.000902
Sgca	MmuINT0142673	chr11	94824395	94824515	-	0.075299
Sgca	MmuINT0142674	chr11	94834793	94837428	-	0.052558
Sgcb	MmuINT0142675	chr5	74035721	74038913	-	0.017214
Sgcb	MmuINT0142676	chr5	74032108	74035510	-	0.00337
Sgcb	MmuINT0142677	chr5	74031220	74031921	-	0.00992
Sgcb	MmuINT0142678	chr5	74030754	74031027	-	0.028729
Sgcb	MmuINT0142679	chr5	74026938	74030621	-	0.005798
Sgcd	MmuINT0142680	chr11	47168876	47192755	-	0.005404
Sgcd	MmuINT0142681	chr11	47008635	47168686	-	0.005867
Sgcd	MmuINT0142682	chr11	46946188	47008532	-	0.006976
Sgcd	MmuINT0142683	chr11	46939157	46946099	-	0.005791
Sgcd	MmuINT0142684	chr11	46896354	46939036	-	0.013672
Sgcd	MmuINT0142685	chr11	46794437	46896280	-	0.006419
Sgcd	MmuINT0142686	chr11	46792939	46794312	-	0.004418
Sgce	MmuINT0142691	chr6	4669497	4696979	-	0.031575
Sgce	MmuINT0142692	chr6	4624633	4628066	-	0.026848
Sgce	MmuINT0142694	chr6	4661381	4667920	-	0.025026
Sgce	MmuINT0142695	chr6	4657273	4661307	-	0.030104
Sgce	MmuINT0142696	chr6	4644185	4657073	-	0.019192
Sgce	MmuINT0142697	chr6	4641641	4644021	-	0.016211
Sgce	MmuINT0142698	chr6	4640496	4641428	-	0.012394
Sgce	MmuINT0142699	chr6	4639768	4640468	-	0.015891
Sgce	MmuINT0142700	chr6	4628111	4639578	-	0.021192
Sgcg	MmuINT0142701	chr14	61864791	61877179	-	0.001243
Sgcg	MmuINT0142702	chr14	61851363	61855644	-	0.001865
Sgcg	MmuINT0142703	chr14	61848482	61851242	-	0.007022
Sgcg	MmuINT0142704	chr14	61844156	61848408	-	0.003206
Sgcg	MmuINT0142705	chr14	61840614	61844031	-	0.008149
Sgk1	MmuINT0142737	chr10	21716909	21717147	+	0.064206
Sgk1	MmuINT0142738	chr10	21717244	21717703	+	0.087063
Sgk1	MmuINT0142739	chr10	21717860	21717965	+	0.068038
Sgk1	MmuINT0142740	chr10	21718056	21718465	+	0.113711
Sgk1	MmuINT0142743	chr10	21714848	21715279	+	0.027856
Sgk1	MmuINT0142744	chr10	21715356	21715599	+	0.032723
Sgk1	MmuINT0142745	chr10	21715705	21715831	+	0.019063
Sgk1	MmuINT0142746	chr10	21715916	21716028	+	0.03231
Sgk1	MmuINT0142747	chr10	21716161	21716364	+	0.040375
Sgk1	MmuINT0142748	chr10	21716478	21716784	+	0.062903
Sgk3	MmuINT0142769	chr1	9871743	9871840	+	0.042788
Sgk3	MmuINT0142770	chr1	9871973	9874487	+	0.061466
Sgk3	MmuINT0142771	chr1	9874601	9874705	+	0.03859
Sgk3	MmuINT0142772	chr1	9874743	9875747	+	0.031898
Sgk3	MmuINT0142773	chr1	9875835	9876127	+	0.067756
Sgk3	MmuINT0142774	chr1	9876224	9878950	+	0.043523
Sgk3	MmuINT0142775	chr1	9879107	9881441	+	0.020298
Sgk3	MmuINT0142776	chr1	9881532	9888800	+	0.03566
Sgk3	MmuINT0142778	chr1	9855430	9858463	+	0.017707
Sgk3	MmuINT0142779	chr1	9858548	9861710	+	0.06215

Sgk3	MmuINT0142780	chr1	9861784	9862338	+	0.066987
Sgk3	MmuINT0142781	chr1	9862415	9867246	+	0.038592
Sgk3	MmuINT0142782	chr1	9867335	9869106	+	0.033686
Sgk3	MmuINT0142783	chr1	9869157	9870412	+	0.035384
Sgk3	MmuINT0142784	chr1	9870471	9871658	+	0.059032
Sgms1	MmuINT0142789	chr19	32298081	32322483	-	0.017103
Sgms1	MmuINT0142790	chr19	32234854	32297998	-	0.01254
Sgms1	MmuINT0142791	chr19	32217354	32234013	-	0.005988
Sgms1	MmuINT0142792	chr19	32204185	32217235	-	0.013649
Sgms1	MmuINT0142793	chr19	32199883	32204030	-	0.040728
Sgms1	MmuINT0142794	chr19	32199015	32199715	-	0.006591
Sgms1	MmuINT0142796	chr19	32426514	32462709	-	0.026122
Sgol1	MmuINT0142810	chr17	53816422	53818234	-	0.032797
Sgol2	MmuINT0142819	chr1	58074828	58076432	+	0.013757
Sgpl1	MmuINT0142820	chr10	60609080	60610270	-	0.138565
Sgpl1	MmuINT0142821	chr10	60567361	60568169	-	0.014237
Sgpl1	MmuINT0142822	chr10	60566108	60567210	-	0.048012
Sgpl1	MmuINT0142823	chr10	60565463	60565868	-	0.028418
Sgpl1	MmuINT0142824	chr10	60564550	60565315	-	0.016115
Sgpl1	MmuINT0142825	chr10	60563757	60564428	-	0.011166
Sgpl1	MmuINT0142826	chr10	60586223	60609005	-	0.021822
Sgpl1	MmuINT0142827	chr10	60580511	60586056	-	0.016332
Sgpl1	MmuINT0142828	chr10	60576906	60580442	-	0.019739
Sgpl1	MmuINT0142829	chr10	60576263	60576757	-	0.014837
Sgpl1	MmuINT0142830	chr10	60575039	60576185	-	0.01824
Sgpl1	MmuINT0142831	chr10	60570414	60574909	-	0.011527
Sgpl1	MmuINT0142832	chr10	60569119	60570324	-	0.036603
Sgpl1	MmuINT0142833	chr10	60568269	60569012	-	0.016802
Sgpp1	MmuINT0142834	chr12	76823729	76835899	-	0.012972
Sgpp1	MmuINT0142835	chr12	76817652	76823638	-	0.012608
Sgsh	MmuINT0142845	chr11	1.19E+08	1.19E+08	-	0.085841
Sgsm2	MmuINT0142870	chr11	74678714	74678862	-	0.03446
Sgsm2	MmuINT0142876	chr11	74668012	74671119	-	0.107466
Sgsm2	MmuINT0142878	chr11	74666910	74667287	-	0.058135
Sgsm2	MmuINT0142881	chr11	74665339	74666576	-	0.080269
Sgsm2	MmuINT0142882	chr11	74664769	74665241	-	0.08065
Sgsm2	MmuINT0142883	chr11	74664398	74664600	-	0.044697
Sgsm2	MmuINT0142887	chr11	74681248	74681482	-	0.036146
Sgsm3	MmuINT0142891	chr15	80808296	80832998	+	0.044851
Sgsm3	MmuINT0142892	chr15	80839339	80839653	+	0.047389
Sgsm3	MmuINT0142893	chr15	80839709	80839836	+	0.057961
Sgsm3	MmuINT0142894	chr15	80839965	80840063	+	0.019397
Sgsm3	MmuINT0142895	chr15	80840220	80840370	+	0.039073
Sgsm3	MmuINT0142896	chr15	80840426	80840658	+	0.183543
Sgsm3	MmuINT0142897	chr15	80840709	80840839	+	0.100723
Sgsm3	MmuINT0142898	chr15	80840993	80841146	+	0.050388
Sgsm3	MmuINT0142899	chr15	80841218	80841290	+	0.060282
Sgsm3	MmuINT0142900	chr15	80841340	80841415	+	0.047389
Sgsm3	MmuINT0142901	chr15	80841502	80841667	+	0.083776
Sgsm3	MmuINT0142902	chr15	80833095	80833789	+	0.029103

Sgsm3	MmuINT0142903	chr15	80841791	80841891	+	0.045923
Sgsm3	MmuINT0142904	chr15	80841953	80842085	+	0.051388
Sgsm3	MmuINT0142905	chr15	80833876	80834233	+	0.043047
Sgsm3	MmuINT0142906	chr15	80834301	80836836	+	0.064928
Sgsm3	MmuINT0142907	chr15	80837043	80837135	+	0.023883
Sgsm3	MmuINT0142908	chr15	80837244	80837876	+	0.146895
Sgsm3	MmuINT0142910	chr15	80838477	80838718	+	0.037458
Sgsm3	MmuINT0142911	chr15	80838865	80839113	+	0.176018
Sgta	MmuINT0142912	chr10	80514997	80522872	-	0.03338
Sgta	MmuINT0142913	chr10	80509058	80509219	-	0.002539
Sgta	MmuINT0142914	chr10	80507749	80508934	-	0.002694
Sgta	MmuINT0142915	chr10	80514075	80514860	-	0.003095
Sgta	MmuINT0142916	chr10	80513832	80513967	-	0.015791
Sgta	MmuINT0142917	chr10	80512627	80513743	-	0.031968
Sgta	MmuINT0142918	chr10	80512103	80512526	-	0.007436
Sgta	MmuINT0142919	chr10	80511722	80511997	-	0.002081
Sgta	MmuINT0142920	chr10	80511188	80511582	-	0.027912
Sgta	MmuINT0142921	chr10	80510422	80511124	-	0.026919
Sgta	MmuINT0142922	chr10	80509310	80510383	-	0.029771
Sh2b1	MmuINT0142933	chr7	1.34E+08	1.34E+08	-	0.555889
Sh2b1	MmuINT0142934	chr7	1.34E+08	1.34E+08	-	0.008969
Sh2b1	MmuINT0142935	chr7	1.34E+08	1.34E+08	-	0.007979
Sh2b1	MmuINT0142936	chr7	1.34E+08	1.34E+08	-	0.025291
Sh2b1	MmuINT0142937	chr7	1.34E+08	1.34E+08	-	0.05935
Sh2b1	MmuINT0142938	chr7	1.34E+08	1.34E+08	-	0.013662
Sh2b1	MmuINT0142939	chr7	1.34E+08	1.34E+08	-	0.287265
Sh2b3	MmuINT0142949	chr5	1.22E+08	1.22E+08	-	0.079548
Sh2b3	MmuINT0142950	chr5	1.22E+08	1.22E+08	-	0.137678
Sh2b3	MmuINT0142951	chr5	1.22E+08	1.22E+08	-	0.177039
Sh2b3	MmuINT0142952	chr5	1.22E+08	1.22E+08	-	0.32781
Sh2b3	MmuINT0142953	chr5	1.22E+08	1.22E+08	-	0.140628
Sh2b3	MmuINT0142954	chr5	1.22E+08	1.22E+08	-	0.139087
Sh2d3c	MmuINT0142970	chr2	32608246	32608508	+	0.019579
Sh2d3c	MmuINT0142971	chr2	32608716	32609915	+	0.039828
Sh2d3c	MmuINT0142973	chr2	32593079	32600270	+	0.068852
Sh2d3c	MmuINT0142974	chr2	32600400	32601354	+	0.008657
Sh2d3c	MmuINT0142975	chr2	32601810	32602541	+	0.014324
Sh2d3c	MmuINT0142976	chr2	32602667	32604672	+	0.009835
Sh2d3c	MmuINT0142977	chr2	32605206	32606471	+	0.021465
Sh2d3c	MmuINT0142978	chr2	32606588	32607033	+	0.025839
Sh2d3c	MmuINT0142979	chr2	32607206	32608133	+	0.03304
Sh2d4a	MmuINT0142982	chr8	70818359	70820552	+	0.012135
Sh2d4a	MmuINT0142983	chr8	70820725	70853150	+	0.006131
Sh2d4a	MmuINT0142984	chr8	70853260	70854933	+	0.008562
Sh2d4a	MmuINT0142985	chr8	70855136	70858963	+	0.008701
Sh2d4a	MmuINT0142986	chr8	70859095	70869851	+	0.013811
Sh2d4a	MmuINT0142987	chr8	70870073	70870552	+	0.012892
Sh3bgr	MmuINT0143007	chr16	96422356	96428088	+	0.005808
Sh3bgr	MmuINT0143008	chr16	96428275	96435619	+	0.00065
Sh3bgr	MmuINT0143009	chr16	96435701	96441095	+	0.001702

Sh3bgr	MmuINT0143010	chr16	96441168	96442105	+	0.002819
Sh3bgr	MmuINT0143011	chr16	96442199	96445407	+	0.002863
Sh3bgr	MmuINT0143012	chr16	96445489	96446080	+	0.00307
Sh3bgr	MmuINT0143013	chr16	96446199	96450129	+	0.016529
Sh3bgrl	MmuINT0143014	chrX	1.06E+08	1.06E+08	+	0.008624
Sh3bgrl	MmuINT0143015	chrX	1.06E+08	1.06E+08	+	0.010056
Sh3bgrl	MmuINT0143016	chrX	1.06E+08	1.06E+08	+	0.009627
Sh3bgrl3	MmuINT0143020	chr4	1.34E+08	1.34E+08	-	0.028068
Sh3bgrl3	MmuINT0143021	chr4	1.34E+08	1.34E+08	-	0.011756
Sh3bp1	MmuINT0143023	chr15	78735606	78736200	+	0.081045
Sh3bp1	MmuINT0143025	chr15	78736768	78736852	+	0.061851
Sh3bp1	MmuINT0143026	chr15	78736934	78737643	+	0.054281
Sh3bp1	MmuINT0143027	chr15	78737761	78738390	+	0.054886
Sh3bp1	MmuINT0143028	chr15	78738489	78738782	+	0.175079
Sh3bp1	MmuINT0143029	chr15	78738943	78740437	+	0.171078
Sh3bp1	MmuINT0143030	chr15	78740524	78742359	+	0.974736
Sh3bp1	MmuINT0143033	chr15	78733062	78733283	+	0.057858
Sh3bp1	MmuINT0143034	chr15	78733396	78733488	+	0.090096
Sh3bp1	MmuINT0143035	chr15	78733566	78733982	+	0.173182
Sh3bp1	MmuINT0143037	chr15	78734769	78734893	+	0.076764
Sh3bp1	MmuINT0143038	chr15	78734985	78735459	+	0.0719
Sh3bp2	MmuINT0143040	chr5	34903394	34903674	+	0.101324
Sh3bp2	MmuINT0143042	chr5	34904312	34905007	+	0.152794
Sh3bp2	MmuINT0143048	chr5	34900013	34901649	+	0.167181
Sh3bp2	MmuINT0143049	chr5	34902299	34902992	+	0.058516
Sh3bp4	MmuINT0143052	chr1	90967173	91003832	+	0.03917
Sh3bp4	MmuINT0143053	chr1	91003912	91034133	+	0.031604
Sh3bp4	MmuINT0143054	chr1	91034379	91040124	+	0.017147
Sh3bp4	MmuINT0143055	chr1	91042482	91048774	+	0.029608
Sh3bp4	MmuINT0143056	chr1	91048964	91049701	+	0.024194
Sh3bp5	MmuINT0143057	chr14	32247332	32248996	-	0.023704
Sh3bp5	MmuINT0143058	chr14	32224856	32247268	-	0.004299
Sh3bp5	MmuINT0143059	chr14	32201070	32224726	-	0.008282
Sh3bp5	MmuINT0143060	chr14	32192706	32200904	-	0.010699
Sh3bp5	MmuINT0143061	chr14	32191507	32192574	-	0.022998
Sh3bp5	MmuINT0143062	chr14	32190797	32191463	-	0.022691
Sh3bp5	MmuINT0143063	chr14	32189051	32190576	-	0.017478
Sh3bp5	MmuINT0143064	chr14	32188388	32188789	-	0.010985
Sh3bp5l	MmuINT0143066	chr11	58145366	58151238	+	0.009236
Sh3bp5l	MmuINT0143067	chr11	58151302	58151450	+	0.018851
Sh3bp5l	MmuINT0143068	chr11	58151580	58154787	+	0.01845
Sh3bp5l	MmuINT0143069	chr11	58154950	58158813	+	0.017033
Sh3bp5l	MmuINT0143070	chr11	58158988	58159431	+	0.011694
Sh3d19	MmuINT0143075	chr3	85927255	85927607	+	0.026391
Sh3d19	MmuINT0143076	chr3	85927706	85930516	+	0.017839
Sh3d19	MmuINT0143078	chr3	85902182	85906811	+	0.036696
Sh3d19	MmuINT0143080	chr3	85908270	85910891	+	0.04753
Sh3d19	MmuINT0143081	chr3	85910961	85911133	+	0.038384
Sh3gl1	MmuINT0143087	chr17	56159615	56175837	-	0.019133
Sh3gl1	MmuINT0143088	chr17	56159422	56159545	-	0.035002



Sh3gl1	MmuINT0143089	chr17	56158883	56159348	-	0.018789
Sh3gl1	MmuINT0143090	chr17	56158597	56158738	-	0.039861
Sh3gl1	MmuINT0143091	chr17	56158386	56158462	-	0.127784
Sh3gl1	MmuINT0143092	chr17	56158102	56158226	-	0.07139
Sh3gl1	MmuINT0143093	chr17	56157531	56157997	-	0.057656
Sh3gl1	MmuINT0143094	chr17	56157324	56157405	-	0.030062
Sh3gl1	MmuINT0143095	chr17	56157160	56157266	-	0.032884
Sh3glb1	MmuINT0143112	chr3	1.44E+08	1.44E+08	-	0.001021
Sh3glb1	MmuINT0143113	chr3	1.44E+08	1.44E+08	-	0.002283
Sh3glb1	MmuINT0143114	chr3	1.44E+08	1.44E+08	-	0.000457
Sh3glb1	MmuINT0143115	chr3	1.44E+08	1.44E+08	-	0.000451
Sh3glb1	MmuINT0143116	chr3	1.44E+08	1.44E+08	-	0.000903
Sh3glb1	MmuINT0143117	chr3	1.44E+08	1.44E+08	-	0.000461
Sh3glb1	MmuINT0143118	chr3	1.44E+08	1.44E+08	-	0.001517
Sh3glb1	MmuINT0143119	chr3	1.44E+08	1.44E+08	-	0.001215
Sh3glb2	MmuINT0143120	chr2	30210923	30214662	-	0.003536
Sh3glb2	MmuINT0143121	chr2	30200948	30201218	-	0.002938
Sh3glb2	MmuINT0143122	chr2	30210502	30210780	-	0.012363
Sh3glb2	MmuINT0143123	chr2	30206238	30210372	-	0.003758
Sh3glb2	MmuINT0143124	chr2	30205901	30206103	-	0.003828
Sh3glb2	MmuINT0143125	chr2	30204138	30205807	-	0.029392
Sh3glb2	MmuINT0143126	chr2	30202625	30204074	-	0.13675
Sh3glb2	MmuINT0143127	chr2	30202221	30202600	-	0.006624
Sh3glb2	MmuINT0143128	chr2	30201974	30202130	-	0.004332
Sh3glb2	MmuINT0143129	chr2	30201460	30201872	-	0.211792
Sh3kbp1	MmuINT0143132	chrX	1.56E+08	1.56E+08	+	0.051659
Sh3kbp1	MmuINT0143133	chrX	1.56E+08	1.56E+08	+	0.694406
Sh3kbp1	MmuINT0143134	chrX	1.56E+08	1.56E+08	+	0.001312
Sh3kbp1	MmuINT0143135	chrX	1.56E+08	1.56E+08	+	0.003619
Sh3kbp1	MmuINT0143136	chrX	1.56E+08	1.56E+08	+	0.00469
Sh3kbp1	MmuINT0143137	chrX	1.56E+08	1.56E+08	+	0.002592
Sh3kbp1	MmuINT0143138	chrX	1.56E+08	1.56E+08	+	0.003653
Sh3kbp1	MmuINT0143141	chrX	1.56E+08	1.56E+08	+	0.05815
Sh3kbp1	MmuINT0143144	chrX	1.56E+08	1.56E+08	+	0.04947
Sh3pxd2a	MmuINT0143150	chr19	47499061	47538553	-	0.025699
Sh3pxd2a	MmuINT0143151	chr19	47352921	47357510	-	0.043959
Sh3pxd2a	MmuINT0143152	chr19	47348009	47352802	-	0.019119
Sh3pxd2a	MmuINT0143153	chr19	47346548	47347673	-	0.019797
Sh3pxd2a	MmuINT0143154	chr19	47344448	47346497	-	0.017508
Sh3pxd2a	MmuINT0143155	chr19	47343427	47344327	-	0.014291
Sh3pxd2a	MmuINT0143158	chr19	47439205	47447873	-	0.029382
Sh3pxd2a	MmuINT0143159	chr19	47417959	47439112	-	0.02032
Sh3pxd2a	MmuINT0143161	chr19	47388657	47394765	-	0.214977
Sh3pxd2a	MmuINT0143162	chr19	47361209	47388524	-	0.014485
Sh3pxd2a	MmuINT0143163	chr19	47357595	47361094	-	0.025447
Sh3rf1	MmuINT0143178	chr8	63863727	63872465	+	0.07807
Sh3rf1	MmuINT0143179	chr8	63705116	63808015	+	0.06026
Sh3rf1	MmuINT0143184	chr8	63840570	63841871	+	0.033686
Sh3rf1	MmuINT0143185	chr8	63842043	63851304	+	0.046024
Sh3rf1	MmuINT0143186	chr8	63851565	63852805	+	0.069786

Sh3rf2	MmuINT0143187	chr18	42213850	42261185	+	0.012831
Sh3rf2	MmuINT0143188	chr18	42261456	42263715	+	0.012864
Sh3rf2	MmuINT0143189	chr18	42263812	42270772	+	0.013423
Sh3rf2	MmuINT0143190	chr18	42271094	42299171	+	0.01509
Sh3rf2	MmuINT0143191	chr18	42299264	42300581	+	0.026887
Sh3rf2	MmuINT0143192	chr18	42300753	42309264	+	0.009902
Sh3rf2	MmuINT0143193	chr18	42309510	42312670	+	0.020326
Sh3rf2	MmuINT0143194	chr18	42313030	42315605	+	0.00815
Sh3tc1	MmuINT0143205	chr5	36066794	36071595	-	0.037575
Sh3tc1	MmuINT0143207	chr5	36050191	36052293	-	0.101883
Sh3tc1	MmuINT0143208	chr5	36046181	36048510	-	0.113447
Sh3tc1	MmuINT0143209	chr5	36044651	36045999	-	0.148558
Sh3tc1	MmuINT0143210	chr5	36043357	36044499	-	0.060897
Sh3tc1	MmuINT0143211	chr5	36043057	36043233	-	0.027322
Sh3tc1	MmuINT0143212	chr5	36042557	36042905	-	0.040924
Sh3tc1	MmuINT0143213	chr5	36040218	36042359	-	0.067835
Sh3tc1	MmuINT0143215	chr5	36061750	36064178	-	0.086639
Sh3tc1	MmuINT0143217	chr5	36059726	36060919	-	0.230129
Sh3tc1	MmuINT0143218	chr5	36058969	36059578	-	0.047471
Sh3tc1	MmuINT0143219	chr5	36057752	36058757	-	0.058825
Sh3tc1	MmuINT0143220	chr5	36056908	36057674	-	0.066315
Sh3tc1	MmuINT0143221	chr5	36053644	36056711	-	0.446585
Sh3tc2	MmuINT0143225	chr18	62150973	62167301	+	0.088899
Sh3tc2	MmuINT0143227	chr18	62168234	62171460	+	0.05308
Sh3tc2	MmuINT0143229	chr18	62172884	62174552	+	0.066422
Shank1	MmuINT0143251	chr7	51588776	51588912	+	0.067678
Shank3	MmuINT0143285	chr15	89330351	89330645	+	0.027377
Shank3	MmuINT0143287	chr15	89354651	89355590	+	0.091668
Shank3	MmuINT0143288	chr15	89355705	89361773	+	0.021156
Shank3	MmuINT0143289	chr15	89361850	89362056	+	0.011631
Shank3	MmuINT0143290	chr15	89362140	89362525	+	0.014938
Shank3	MmuINT0143291	chr15	89362651	89362759	+	0.008996
Shank3	MmuINT0143292	chr15	89362893	89363804	+	0.012259
Shank3	MmuINT0143295	chr15	89373662	89374224	+	0.051769
Shank3	MmuINT0143296	chr15	89330850	89331834	+	0.152964
Shank3	MmuINT0143297	chr15	89374310	89378056	+	0.03996
Shank3	MmuINT0143298	chr15	89380314	89388165	+	0.549894
Shank3	MmuINT0143299	chr15	89331907	89333550	+	0.014167
Shank3	MmuINT0143300	chr15	89333660	89333733	+	0.018885
Shank3	MmuINT0143301	chr15	89333886	89333970	+	0.013808
Shank3	MmuINT0143302	chr15	89334139	89334227	+	0.01434
Shank3	MmuINT0143303	chr15	89334345	89334747	+	0.013309
Shank3	MmuINT0143304	chr15	89334826	89335820	+	0.012311
Shank3	MmuINT0143305	chr15	89335888	89351533	+	0.017142
Sharpin	MmuINT0143306	chr15	76180660	76180910	-	0.05647
Sharpin	MmuINT0143307	chr15	76178866	76180484	-	0.153061
Sharpin	MmuINT0143308	chr15	76178658	76178730	-	0.035429
Sharpin	MmuINT0143309	chr15	76178435	76178515	-	0.012779
Sharpin	MmuINT0143310	chr15	76178248	76178325	-	0.118646
Sharpin	MmuINT0143311	chr15	76178025	76178093	-	0.070785

Sharpin	MmuINT0143312	chr15	76177818	76177911	-	0.047734
Sharpin	MmuINT0143313	chr15	76177616	76177688	-	0.008858
Shb	MmuINT0143314	chr4	45502048	45542433	-	0.005863
Shb	MmuINT0143315	chr4	45471215	45501926	-	0.005563
Shb	MmuINT0143316	chr4	45460550	45470998	-	0.005257
Shb	MmuINT0143317	chr4	45457671	45460377	-	0.008595
Shb	MmuINT0143318	chr4	45436996	45457550	-	0.019039
Shc1	MmuINT0143326	chr3	89230993	89231129	+	0.004504
Shc1	MmuINT0143328	chr3	89226919	89227429	+	0.029219
Shc1	MmuINT0143329	chr3	89227494	89227618	+	0.014883
Shc1	MmuINT0143330	chr3	89227739	89228111	+	0.061322
Shc1	MmuINT0143331	chr3	89228166	89228476	+	0.082671
She	MmuINT0143387	chr3	89636026	89638065	+	0.052419
She	MmuINT0143389	chr3	89653596	89655530	+	0.057492
She	MmuINT0143390	chr3	89655673	89656288	+	0.026009
She	MmuINT0143391	chr3	89656409	89658452	+	0.085514
Shf	MmuINT0143393	chr2	1.22E+08	1.22E+08	-	0.049227
Shf	MmuINT0143394	chr2	1.22E+08	1.22E+08	-	0.137135
Shf	MmuINT0143395	chr2	1.22E+08	1.22E+08	-	0.166012
Shf	MmuINT0143396	chr2	1.22E+08	1.22E+08	-	0.057125
Shfm1	MmuINT0143397	chr6	6510502	6528478	-	0.001204
Shfm1	MmuINT0143398	chr6	6508492	6510407	-	0.000256
Shisa4	MmuINT0143404	chr1	1.37E+08	1.37E+08	-	0.083221
Shisa4	MmuINT0143405	chr1	1.37E+08	1.37E+08	-	0.067592
Shisa4	MmuINT0143406	chr1	1.37E+08	1.37E+08	-	0.0215
Shisa5	MmuINT0143407	chr9	1.09E+08	1.09E+08	+	0.029516
Shisa5	MmuINT0143408	chr9	1.09E+08	1.09E+08	+	0.068265
Shisa5	MmuINT0143411	chr9	1.09E+08	1.09E+08	+	0.04812
Shkbp1	MmuINT0143427	chr7	28133641	28135510	-	0.043484
Shkbp1	MmuINT0143428	chr7	28133468	28133552	-	0.055744
Shkbp1	MmuINT0143429	chr7	28132192	28133350	-	0.044563
Shkbp1	MmuINT0143430	chr7	28130348	28132020	-	0.038165
Shkbp1	MmuINT0143431	chr7	28129756	28130191	-	0.050164
Shkbp1	MmuINT0143432	chr7	28128441	28129658	-	0.051331
Shkbp1	MmuINT0143433	chr7	28127780	28128261	-	0.154369
Shkbp1	MmuINT0143434	chr7	28127564	28127664	-	0.032734
Shkbp1	MmuINT0143435	chr7	28140466	28140591	-	0.232116
Shkbp1	MmuINT0143436	chr7	28140307	28140419	-	0.049634
Shkbp1	MmuINT0143437	chr7	28139804	28140232	-	0.063134
Shkbp1	MmuINT0143438	chr7	28139472	28139744	-	0.040449
Shkbp1	MmuINT0143439	chr7	28137776	28139390	-	0.030554
Shkbp1	MmuINT0143440	chr7	28137090	28137613	-	0.0463
Shkbp1	MmuINT0143441	chr7	28136906	28136998	-	0.037874
Shkbp1	MmuINT0143442	chr7	28135627	28136714	-	0.05087
Shmt1	MmuINT0143444	chr11	60603209	60603647	-	0.100206
Shmt1	MmuINT0143445	chr11	60602819	60603097	-	0.153233
Shmt1	MmuINT0143446	chr11	60617911	60620447	-	0.036678
Shmt1	MmuINT0143447	chr11	60615534	60617764	-	0.035937
Shmt1	MmuINT0143448	chr11	60615091	60615417	-	0.02381
Shmt1	MmuINT0143450	chr11	60611240	60612095	-	0.031623

Shmt1	MmuINT0143451	chr11	60608455	60611026	-	0.05977
Shmt1	MmuINT0143452	chr11	60606574	60608337	-	0.116935
Shmt1	MmuINT0143453	chr11	60603765	60606450	-	0.147621
Shmt2	MmuINT0143454	chr10	1.27E+08	1.27E+08	-	0.030491
Shmt2	MmuINT0143455	chr10	1.27E+08	1.27E+08	-	0.003533
Shmt2	MmuINT0143456	chr10	1.27E+08	1.27E+08	-	0.004319
Shmt2	MmuINT0143457	chr10	1.27E+08	1.27E+08	-	0.05573
Shmt2	MmuINT0143458	chr10	1.27E+08	1.27E+08	-	0.038274
Shmt2	MmuINT0143459	chr10	1.27E+08	1.27E+08	-	0.008101
Shmt2	MmuINT0143460	chr10	1.27E+08	1.27E+08	-	0.00488
Shmt2	MmuINT0143461	chr10	1.27E+08	1.27E+08	-	0.001163
Shmt2	MmuINT0143462	chr10	1.27E+08	1.27E+08	-	0.010329
Shmt2	MmuINT0143463	chr10	1.27E+08	1.27E+08	-	0.015951
Shoc2	MmuINT0143466	chr19	54062874	54077498	+	0.007954
Shoc2	MmuINT0143467	chr19	54077637	54092038	+	0.006776
Shoc2	MmuINT0143468	chr19	54092170	54100839	+	0.009067
Shoc2	MmuINT0143469	chr19	54101029	54102207	+	0.007819
Shoc2	MmuINT0143470	chr19	54102331	54103958	+	0.011897
Shoc2	MmuINT0143471	chr19	54104097	54104350	+	0.009374
Shoc2	MmuINT0143472	chr19	54104469	54105557	+	0.013542
Shprh	MmuINT0143485	chr10	10887711	10889776	+	0.052746
Shprh	MmuINT0143489	chr10	10898621	10901309	+	0.046141
Shprh	MmuINT0143490	chr10	10901403	10903571	+	0.06406
Shprh	MmuINT0143492	chr10	10905261	10906178	+	0.038839
Shprh	MmuINT0143496	chr10	10907964	10909428	+	0.038455
Shprh	MmuINT0143497	chr10	10909573	10910783	+	0.036692
Shprh	MmuINT0143498	chr10	10910886	10912283	+	0.056883
Shprh	MmuINT0143499	chr10	10912356	10913978	+	0.051052
Shprh	MmuINT0143500	chr10	10914168	10924978	+	0.079442
Shprh	MmuINT0143502	chr10	10926154	10926894	+	0.040056
Shprh	MmuINT0143503	chr10	10932201	10933245	+	0.056403
Shprh	MmuINT0143509	chr10	10882861	10884142	+	0.039446
Shprh	MmuINT0143510	chr10	10884794	10886283	+	0.033838
Shq1	MmuINT0143511	chr6	1.01E+08	1.01E+08	-	0.056363
Shq1	MmuINT0143512	chr6	1.01E+08	1.01E+08	-	0.04446
Shq1	MmuINT0143513	chr6	1.01E+08	1.01E+08	-	0.060923
Shq1	MmuINT0143514	chr6	1.01E+08	1.01E+08	-	0.04346
Shq1	MmuINT0143515	chr6	1.01E+08	1.01E+08	-	0.046159
Shq1	MmuINT0143516	chr6	1.01E+08	1.01E+08	-	0.043956
Shq1	MmuINT0143517	chr6	1.01E+08	1.01E+08	-	0.061728
Shq1	MmuINT0143518	chr6	1.01E+08	1.01E+08	-	0.054231
Shroom3	MmuINT0143537	chr5	93238588	93348670	+	0.016294
Shroom3	MmuINT0143538	chr5	93348803	93362779	+	0.015967
Shroom3	MmuINT0143539	chr5	93362912	93369002	+	0.00773
Shroom3	MmuINT0143540	chr5	93372166	93377429	+	0.017224
Shroom3	MmuINT0143541	chr5	93377504	93379509	+	0.008623
Shroom3	MmuINT0143542	chr5	93380347	93381564	+	0.007304
Shroom3	MmuINT0143543	chr5	93382057	93384286	+	0.007032
Shroom3	MmuINT0143544	chr5	93384438	93391116	+	0.018967
Shroom3	MmuINT0143545	chr5	93391390	93393381	+	0.009708

Shroom4	MmuINT0143556	chrX	6209611	6210565	+	0.021453
Siae	MmuINT0143567	chr9	37421512	37424384	+	0.027596
Siae	MmuINT0143568	chr9	37424547	37430483	+	0.025325
Siae	MmuINT0143569	chr9	37430660	37435284	+	0.014777
Siae	MmuINT0143570	chr9	37435424	37438933	+	0.017134
Siae	MmuINT0143571	chr9	37439190	37440542	+	0.016048
Siae	MmuINT0143572	chr9	37440653	37441205	+	0.024067
Siae	MmuINT0143573	chr9	37441340	37450224	+	0.030288
Siae	MmuINT0143574	chr9	37450383	37452336	+	0.013309
Siae	MmuINT0143575	chr9	37452533	37453881	+	0.018926
Siah1a	MmuINT0143576	chr8	89249756	89269715	-	0.143599
Siah2	MmuINT0143580	chr3	58480366	58495317	-	0.015856
Sidt2	MmuINT0143604	chr9	45761330	45762806	-	0.048609
Sidt2	MmuINT0143605	chr9	45755139	45755918	-	0.432775
Sidt2	MmuINT0143606	chr9	45754900	45755066	-	0.02141
Sidt2	MmuINT0143607	chr9	45753868	45754827	-	0.067362
Sidt2	MmuINT0143608	chr9	45753443	45753748	-	0.01054
Sidt2	MmuINT0143609	chr9	45753294	45753368	-	0.016275
Sidt2	MmuINT0143610	chr9	45752773	45753226	-	0.030971
Sidt2	MmuINT0143611	chr9	45752570	45752698	-	0.007562
Sidt2	MmuINT0143612	chr9	45751779	45752445	-	0.006573
Sidt2	MmuINT0143613	chr9	45751271	45751660	-	0.006665
Sidt2	MmuINT0143614	chr9	45750877	45751133	-	0.013264
Sidt2	MmuINT0143615	chr9	45760997	45761207	-	0.010742
Sidt2	MmuINT0143616	chr9	45750553	45750767	-	0.030442
Sidt2	MmuINT0143618	chr9	45750066	45750278	-	0.140395
Sidt2	MmuINT0143619	chr9	45749495	45749959	-	0.023265
Sidt2	MmuINT0143620	chr9	45747604	45749383	-	0.016604
Sidt2	MmuINT0143621	chr9	45747400	45747489	-	0.010613
Sidt2	MmuINT0143622	chr9	45760743	45760831	-	0.007381
Sidt2	MmuINT0143623	chr9	45760136	45760696	-	0.013871
Sidt2	MmuINT0143624	chr9	45759927	45760033	-	0.009156
Sidt2	MmuINT0143626	chr9	45757925	45758115	-	0.010226
Sidt2	MmuINT0143627	chr9	45756392	45757858	-	0.025684
Sidt2	MmuINT0143628	chr9	45755972	45756297	-	0.042959
Sigirr	MmuINT0143630	chr7	1.48E+08	1.48E+08	-	0.028659
Sigirr	MmuINT0143631	chr7	1.48E+08	1.48E+08	-	0.236179
Sigirr	MmuINT0143632	chr7	1.48E+08	1.48E+08	-	0.225112
Sigirr	MmuINT0143633	chr7	1.48E+08	1.48E+08	-	0.122238
Sigirr	MmuINT0143634	chr7	1.48E+08	1.48E+08	-	0.207861
Sigirr	MmuINT0143635	chr7	1.48E+08	1.48E+08	-	0.050368
Sigirr	MmuINT0143636	chr7	1.48E+08	1.48E+08	-	0.081513
Sigirr	MmuINT0143637	chr7	1.48E+08	1.48E+08	-	0.421404
Siglec1	MmuINT0143646	chr2	1.31E+08	1.31E+08	-	0.178774
Siglec1	MmuINT0143648	chr2	1.31E+08	1.31E+08	-	0.067294
Sigmar1	MmuINT0143694	chr4	41687850	41687974	-	0.017824
Sigmar1	MmuINT0143695	chr4	41687516	41687648	-	0.042414
Sigmar1	MmuINT0143696	chr4	41686454	41687422	-	0.047259
Sik1	MmuINT0143697	chr17	31992010	31992616	-	0.024377
Sik1	MmuINT0143698	chr17	31985794	31985903	-	0.003584

Sik1	MmuINT0143699	chr17	31985122	31985576	-	0.015487
Sik1	MmuINT0143700	chr17	31984207	31984839	-	0.004469
Sik1	MmuINT0143701	chr17	31983589	31983977	-	0.015921
Sik1	MmuINT0143702	chr17	31991270	31991838	-	0.010361
Sik1	MmuINT0143703	chr17	31988542	31991152	-	0.008272
Sik1	MmuINT0143704	chr17	31988342	31988477	-	0.005437
Sik1	MmuINT0143705	chr17	31988011	31988179	-	0.011075
Sik1	MmuINT0143706	chr17	31987795	31987885	-	0.010295
Sik1	MmuINT0143707	chr17	31987097	31987670	-	0.007859
Sik1	MmuINT0143708	chr17	31986620	31986872	-	0.006923
Sik1	MmuINT0143709	chr17	31986027	31986463	-	0.010262
Sik2	MmuINT0143711	chr9	50706872	50707424	-	0.033828
Sik2	MmuINT0143712	chr9	50706457	50706586	-	0.0144
Sik2	MmuINT0143713	chr9	50705589	50706292	-	0.023285
Sik2	MmuINT0143714	chr9	50704841	50705477	-	0.018188
Sik2	MmuINT0143715	chr9	50704067	50704748	-	0.030244
Sik2	MmuINT0143716	chr9	50803777	50806604	-	0.028675
Sik2	MmuINT0143718	chr9	50725758	50743520	-	0.026483
Sik2	MmuINT0143720	chr9	50723768	50725118	-	0.029625
Sik2	MmuINT0143721	chr9	50721642	50723546	-	0.05402
Sik2	MmuINT0143723	chr9	50707654	50715511	-	0.03042
Sik3	MmuINT0143724	chr9	45821214	45931299	+	0.01173
Sik3	MmuINT0143725	chr9	46003954	46004066	+	0.005641
Sik3	MmuINT0143726	chr9	46004177	46006229	+	0.005048
Sik3	MmuINT0143727	chr9	46006384	46006634	+	0.003819
Sik3	MmuINT0143728	chr9	46006791	46010082	+	0.004035
Sik3	MmuINT0143729	chr9	46010154	46012288	+	0.628019
Sik3	MmuINT0143730	chr9	46012433	46016004	+	0.109578
Sik3	MmuINT0143731	chr9	46016156	46016800	+	0.027489
Sik3	MmuINT0143732	chr9	46016927	46017146	+	0.026013
Sik3	MmuINT0143733	chr9	46017233	46017637	+	0.013606
Sik3	MmuINT0143734	chr9	46017748	46018558	+	0.012205
Sik3	MmuINT0143735	chr9	45931417	45935092	+	0.006029
Sik3	MmuINT0143736	chr9	46018899	46019752	+	0.052837
Sik3	MmuINT0143737	chr9	46020646	46027508	+	0.06883
Sik3	MmuINT0143738	chr9	46027673	46028292	+	0.060219
Sik3	MmuINT0143739	chr9	46028426	46029149	+	0.011914
Sik3	MmuINT0143740	chr9	46029318	46030151	+	0.015797
Sik3	MmuINT0143741	chr9	45935157	45963461	+	0.004843
Sik3	MmuINT0143742	chr9	45963624	45985954	+	0.003538
Sik3	MmuINT0143743	chr9	45986080	45986514	+	0.006653
Sik3	MmuINT0143744	chr9	45986639	46002245	+	0.006707
Sik3	MmuINT0143745	chr9	46002365	46002902	+	0.004351
Sik3	MmuINT0143746	chr9	46003014	46003248	+	0.005069
Sik3	MmuINT0143747	chr9	46003393	46003875	+	0.006022
Sike1	MmuINT0143748	chr3	1.03E+08	1.03E+08	+	0.078323
Sike1	MmuINT0143749	chr3	1.03E+08	1.03E+08	+	0.044901
Sike1	MmuINT0143750	chr3	1.03E+08	1.03E+08	+	0.037835
Sike1	MmuINT0143751	chr3	1.03E+08	1.03E+08	+	0.007006
Sil1	MmuINT0143752	chr18	35598035	35658444	-	0.012082

Sil1	MmuINT0143753	chr18	35577850	35597920	-	0.008232
Sil1	MmuINT0143754	chr18	35508415	35577710	-	0.007568
Sil1	MmuINT0143755	chr18	35500852	35508293	-	0.011207
Sil1	MmuINT0143756	chr18	35485130	35500751	-	0.008729
Sil1	MmuINT0143757	chr18	35477618	35484937	-	0.008429
Sil1	MmuINT0143758	chr18	35429365	35477495	-	0.0094
Sil1	MmuINT0143759	chr18	35428858	35429267	-	0.009454
Sil1	MmuINT0143760	chr18	35426564	35428692	-	0.011722
Sin3a	MmuINT0143784	chr9	56949015	56951677	+	0.030229
Sin3a	MmuINT0143785	chr9	56951797	56952401	+	0.015828
Sin3a	MmuINT0143786	chr9	56952613	56953385	+	0.017621
Sin3a	MmuINT0143787	chr9	56953503	56955160	+	0.016874
Sin3a	MmuINT0143788	chr9	56955400	56956514	+	0.009528
Sin3a	MmuINT0143789	chr9	56956699	56958385	+	0.027353
Sin3a	MmuINT0143790	chr9	56958960	56961352	+	0.036051
Sin3a	MmuINT0143791	chr9	56961523	56965188	+	0.024733
Sin3a	MmuINT0143792	chr9	56965363	56965876	+	0.014187
Sin3a	MmuINT0143794	chr9	56966995	56972975	+	0.008648
Sin3a	MmuINT0143795	chr9	56973184	56974954	+	0.011561
Sin3a	MmuINT0143796	chr9	56934609	56937184	+	0.013261
Sin3a	MmuINT0143797	chr9	56937362	56942243	+	0.022878
Sin3a	MmuINT0143798	chr9	56942351	56943105	+	0.029019
Sin3a	MmuINT0143799	chr9	56943389	56944528	+	0.007526
Sin3a	MmuINT0143800	chr9	56944781	56945632	+	0.013768
Sin3a	MmuINT0143801	chr9	56945786	56945912	+	0.03051
Sin3a	MmuINT0143802	chr9	56946072	56948924	+	0.024101
Sin3b	MmuINT0143805	chr8	75247308	75247942	+	0.002483
Sin3b	MmuINT0143806	chr8	75268910	75270308	+	0.032282
Sin3b	MmuINT0143807	chr8	75270548	75271583	+	0.059382
Sin3b	MmuINT0143808	chr8	75271768	75273617	+	0.039053
Sin3b	MmuINT0143809	chr8	75274168	75274334	+	0.025131
Sin3b	MmuINT0143810	chr8	75274505	75277065	+	0.080623
Sin3b	MmuINT0143811	chr8	75277240	75277443	+	0.026585
Sin3b	MmuINT0143812	chr8	75277537	75280371	+	0.084364
Sin3b	MmuINT0143813	chr8	75280467	75280746	+	0.143844
Sin3b	MmuINT0143814	chr8	75280952	75281073	+	0.032292
Sin3b	MmuINT0143815	chr8	75248050	75249435	+	0.003416
Sin3b	MmuINT0143816	chr8	75249590	75254979	+	0.004002
Sin3b	MmuINT0143817	chr8	75255178	75257243	+	0.001877
Sin3b	MmuINT0143818	chr8	75257388	75263267	+	0.003849
Sin3b	MmuINT0143819	chr8	75263388	75265372	+	0.459642
Sin3b	MmuINT0143821	chr8	75265828	75268356	+	0.068954
Sin3b	MmuINT0143822	chr8	75268565	75268792	+	0.101262
Sip1	MmuINT0143823	chr12	60114601	60114956	+	0.112438
Sip1	MmuINT0143824	chr12	60115042	60117852	+	0.020337
Sip1	MmuINT0143825	chr12	60117943	60118154	+	0.028382
Sip1	MmuINT0143826	chr12	60118215	60118998	+	0.010267
Sip1	MmuINT0143827	chr12	60119113	60121375	+	0.052048
Sip1	MmuINT0143828	chr12	60121421	60122654	+	0.081927
Sip1	MmuINT0143829	chr12	60122724	60125989	+	0.069438

Sip1	MmuINT0143830	chr12	60126101	60127841	+	0.034332
Sip1	MmuINT0143831	chr12	60127901	60128723	+	0.083869
Sipa1	MmuINT0143836	chr19	5652567	5652654	-	0.035168
Sipa1	MmuINT0143837	chr19	5652370	5652454	-	0.012768
Sipa1	MmuINT0143838	chr19	5652147	5652260	-	0.013368
Sipa1	MmuINT0143839	chr19	5651961	5652044	-	0.088726
Sipa1	MmuINT0143840	chr19	5651715	5651905	-	0.103823
Sipa1	MmuINT0143841	chr19	5651563	5651635	-	0.134083
Sipa1	MmuINT0143842	chr19	5659511	5659595	-	0.019848
Sipa1	MmuINT0143843	chr19	5656329	5659333	-	0.031975
Sipa1	MmuINT0143844	chr19	5655792	5656153	-	0.024142
Sipa1	MmuINT0143845	chr19	5655416	5655687	-	0.032585
Sipa1	MmuINT0143846	chr19	5655157	5655257	-	0.014457
Sipa1	MmuINT0143847	chr19	5654274	5654546	-	0.015886
Sipa1	MmuINT0143848	chr19	5652874	5653998	-	0.120367
Sipa1l1	MmuINT0143856	chr12	83504167	83517890	+	0.022113
Sipa1l1	MmuINT0143857	chr12	83518038	83521524	+	0.027978
Sipa1l1	MmuINT0143858	chr12	83521650	83523361	+	0.156003
Sipa1l1	MmuINT0143859	chr12	83523481	83525999	+	0.138634
Sipa1l1	MmuINT0143860	chr12	83526443	83533739	+	0.016705
Sipa1l1	MmuINT0143861	chr12	83533980	83534675	+	0.025712
Sipa1l1	MmuINT0143862	chr12	83534842	83538674	+	0.052129
Sipa1l1	MmuINT0143863	chr12	83538922	83541801	+	0.017182
Sipa1l1	MmuINT0143864	chr12	83541949	83547803	+	0.033469
Sipa1l1	MmuINT0143865	chr12	83547919	83550296	+	0.074814
Sipa1l1	MmuINT0143866	chr12	83443487	83458219	+	0.02374
Sipa1l1	MmuINT0143868	chr12	83464119	83473354	+	0.023925
Sipa1l1	MmuINT0143869	chr12	83473530	83485637	+	0.029425
Sipa1l1	MmuINT0143870	chr12	83485742	83488541	+	0.025748
Sipa1l1	MmuINT0143871	chr12	83488700	83497179	+	0.049555
Sipa1l1	MmuINT0143872	chr12	83497754	83498332	+	0.024909
Sipa1l1	MmuINT0143873	chr12	83498608	83503896	+	0.018236
Sipa1l2	MmuINT0143874	chr8	1.28E+08	1.28E+08	-	0.008709
Sipa1l2	MmuINT0143875	chr8	1.28E+08	1.28E+08	-	0.008065
Sipa1l2	MmuINT0143876	chr8	1.28E+08	1.28E+08	-	0.008621
Sipa1l2	MmuINT0143877	chr8	1.28E+08	1.28E+08	-	0.006808
Sipa1l2	MmuINT0143878	chr8	1.28E+08	1.28E+08	-	0.006139
Sipa1l2	MmuINT0143879	chr8	1.28E+08	1.28E+08	-	0.004382
Sipa1l2	MmuINT0143880	chr8	1.28E+08	1.28E+08	-	0.006411
Sipa1l2	MmuINT0143881	chr8	1.28E+08	1.28E+08	-	0.007936
Sipa1l2	MmuINT0143884	chr8	1.28E+08	1.28E+08	-	0.006309
Sipa1l2	MmuINT0143885	chr8	1.28E+08	1.28E+08	-	0.008836
Sipa1l2	MmuINT0143886	chr8	1.28E+08	1.28E+08	-	0.029972
Sipa1l2	MmuINT0143887	chr8	1.28E+08	1.28E+08	-	0.006427
Sipa1l2	MmuINT0143889	chr8	1.28E+08	1.28E+08	-	0.007541
Sipa1l2	MmuINT0143890	chr8	1.28E+08	1.28E+08	-	0.004352
Sipa1l2	MmuINT0143891	chr8	1.28E+08	1.28E+08	-	0.005651
Sipa1l2	MmuINT0143892	chr8	1.28E+08	1.28E+08	-	0.008014
Sipa1l2	MmuINT0143893	chr8	1.28E+08	1.28E+08	-	0.006535
Sipa1l3	MmuINT0143897	chr7	30149328	30151569	-	0.045479



Sipa1l3	MmuINT0143900	chr7	30133719	30135711	-	0.04973
Sipa1l3	MmuINT0143902	chr7	30117410	30123974	-	0.035364
Sipa1l3	MmuINT0143904	chr7	30114148	30116316	-	0.060289
Sipa1l3	MmuINT0143906	chr7	30110918	30114003	-	0.084189
Sipa1l3	MmuINT0143907	chr7	30109271	30110781	-	0.072632
Sipa1l3	MmuINT0143908	chr7	30107307	30109188	-	0.086131
Sirpa	MmuINT0143917	chr2	1.29E+08	1.29E+08	+	0.013132
Sirpa	MmuINT0143918	chr2	1.29E+08	1.29E+08	+	0.007932
Sirpa	MmuINT0143919	chr2	1.29E+08	1.29E+08	+	0.026337
Sirpa	MmuINT0143920	chr2	1.29E+08	1.29E+08	+	0.040156
Sirpa	MmuINT0143921	chr2	1.29E+08	1.29E+08	+	0.010964
Sirpa	MmuINT0143922	chr2	1.29E+08	1.29E+08	+	0.048197
Sirt1	MmuINT0143932	chr10	62794646	62798383	-	0.039038
Sirt1	MmuINT0143933	chr10	62788935	62794492	-	0.054559
Sirt1	MmuINT0143934	chr10	62787954	62788786	-	0.051811
Sirt1	MmuINT0143935	chr10	62786902	62787873	-	0.030673
Sirt1	MmuINT0143936	chr10	62785049	62786714	-	0.130985
Sirt1	MmuINT0143937	chr10	62783713	62784496	-	0.059987
Sirt2	MmuINT0143942	chr7	29556879	29557113	+	0.010627
Sirt2	MmuINT0143945	chr7	29571036	29572601	+	0.011372
Sirt2	MmuINT0143946	chr7	29572673	29572780	+	0.010734
Sirt2	MmuINT0143947	chr7	29572848	29572935	+	0.003684
Sirt2	MmuINT0143948	chr7	29561919	29562014	+	0.006616
Sirt2	MmuINT0143949	chr7	29562122	29562209	+	0.009725
Sirt2	MmuINT0143950	chr7	29562267	29563940	+	0.017662
Sirt2	MmuINT0143951	chr7	29564010	29567787	+	0.003459
Sirt2	MmuINT0143952	chr7	29567918	29570398	+	0.006287
Sirt2	MmuINT0143953	chr7	29570459	29570682	+	0.025667
Sirt2	MmuINT0143954	chr7	29570739	29570824	+	0.014919
Sirt2	MmuINT0143955	chr7	29570902	29570983	+	0.005256
Sirt3	MmuINT0143959	chr7	1.48E+08	1.48E+08	-	0.412325
Sirt3	MmuINT0143960	chr7	1.48E+08	1.48E+08	-	0.002327
Sirt3	MmuINT0143961	chr7	1.48E+08	1.48E+08	-	0.015304
Sirt3	MmuINT0143962	chr7	1.48E+08	1.48E+08	-	0.036269
Sirt3	MmuINT0143963	chr7	1.48E+08	1.48E+08	-	0.020266
Sirt4	MmuINT0143965	chr5	1.16E+08	1.16E+08	-	0.024341
Sirt4	MmuINT0143966	chr5	1.16E+08	1.16E+08	-	0.085306
Sirt4	MmuINT0143967	chr5	1.16E+08	1.16E+08	-	0.244563
Sirt4	MmuINT0143968	chr5	1.16E+08	1.16E+08	-	0.279217
Sirt5	MmuINT0143969	chr13	43466238	43467200	+	0.003848
Sirt5	MmuINT0143970	chr13	43467335	43472063	+	0.012377
Sirt5	MmuINT0143971	chr13	43472290	43475041	+	0.006562
Sirt5	MmuINT0143972	chr13	43475130	43475868	+	0.006359
Sirt5	MmuINT0143973	chr13	43475923	43478477	+	0.013912
Sirt5	MmuINT0143974	chr13	43478602	43480866	+	0.009798
Sirt5	MmuINT0143975	chr13	43480983	43490105	+	0.038212
Sirt6	MmuINT0143977	chr10	81088644	81089234	-	0.043024
Sirt6	MmuINT0143978	chr10	81087862	81088460	-	0.1345
Sirt6	MmuINT0143979	chr10	81086988	81087801	-	0.214986
Sirt6	MmuINT0143980	chr10	81086818	81086891	-	0.105811

Sirt6	MmuINT0143981	chr10	81085618	81086736	-	0.078496
Sirt6	MmuINT0143982	chr10	81085425	81085493	-	0.036989
Sirt6	MmuINT0143983	chr10	81084824	81085152	-	0.935182
Sirt7	MmuINT0143985	chr11	1.2E+08	1.2E+08	-	0.064635
Sirt7	MmuINT0143986	chr11	1.2E+08	1.2E+08	-	0.031002
Sirt7	MmuINT0143987	chr11	1.2E+08	1.2E+08	-	0.068093
Sirt7	MmuINT0143988	chr11	1.2E+08	1.2E+08	-	0.065514
Sirt7	MmuINT0143989	chr11	1.2E+08	1.2E+08	-	0.026548
Sirt7	MmuINT0143990	chr11	1.2E+08	1.2E+08	-	0.109607
Sirt7	MmuINT0143991	chr11	1.2E+08	1.2E+08	-	0.526321
Sirt7	MmuINT0143992	chr11	1.2E+08	1.2E+08	-	0.022148
Sirt7	MmuINT0143993	chr11	1.2E+08	1.2E+08	-	0.143775
Siva1	MmuINT0144047	chr12	1.14E+08	1.14E+08	+	0.018555
Six4	MmuINT0144055	chr12	74205226	74209647	-	0.361206
Six5	MmuINT0144056	chr7	19680768	19681580	+	0.222714
Six5	MmuINT0144057	chr7	19682369	19682504	+	0.035269
Skap2	MmuINT0144079	chr6	51953755	51962333	-	0.035344
Skap2	MmuINT0144080	chr6	51824587	51829769	-	0.022973
Skap2	MmuINT0144081	chr6	51810099	51824473	-	0.012864
Skap2	MmuINT0144082	chr6	51809570	51809997	-	0.03768
Skap2	MmuINT0144083	chr6	51953106	51953648	-	0.020795
Skap2	MmuINT0144084	chr6	51946124	51953079	-	0.023133
Skap2	MmuINT0144085	chr6	51872340	51946015	-	0.024782
Skap2	MmuINT0144086	chr6	51871363	51872261	-	0.022076
Skap2	MmuINT0144087	chr6	51859424	51871278	-	0.026962
Skap2	MmuINT0144088	chr6	51858432	51859298	-	0.023716
Skap2	MmuINT0144089	chr6	51858021	51858367	-	0.024925
Skap2	MmuINT0144090	chr6	51829848	51857885	-	0.023991
Ski	MmuINT0144091	chr4	1.55E+08	1.55E+08	-	0.015598
Ski	MmuINT0144092	chr4	1.55E+08	1.55E+08	-	0.009439
Ski	MmuINT0144093	chr4	1.55E+08	1.55E+08	-	0.00496
Ski	MmuINT0144094	chr4	1.55E+08	1.55E+08	-	0.0054
Ski	MmuINT0144095	chr4	1.55E+08	1.55E+08	-	0.026675
Ski	MmuINT0144096	chr4	1.55E+08	1.55E+08	-	0.005241
Skil	MmuINT0144097	chr3	30994080	30995624	+	0.149998
Skil	MmuINT0144098	chr3	30997342	31010546	+	0.027227
Skil	MmuINT0144100	chr3	31015962	31016294	+	0.01532
Skil	MmuINT0144101	chr3	31016520	31017376	+	0.014522
Skiv2l	MmuINT0144267	chr17	34983119	34983466	-	0.221964
Skiv2l	MmuINT0144268	chr17	34982858	34982971	-	0.115743
Skiv2l	MmuINT0144269	chr17	34982701	34982772	-	0.112979
Skiv2l	MmuINT0144270	chr17	34982260	34982593	-	0.116068
Skiv2l	MmuINT0144273	chr17	34981394	34981559	-	0.025892
Skiv2l	MmuINT0144275	chr17	34979027	34979756	-	0.016556
Skiv2l	MmuINT0144276	chr17	34978754	34978888	-	0.01169
Skiv2l	MmuINT0144277	chr17	34985380	34986840	-	0.023735
Skiv2l	MmuINT0144278	chr17	34978492	34978615	-	0.016265
Skiv2l	MmuINT0144279	chr17	34978164	34978386	-	0.061004
Skiv2l	MmuINT0144280	chr17	34977930	34978012	-	0.03122
Skiv2l	MmuINT0144281	chr17	34977666	34977802	-	0.024472

Skiv2l	MmuINT0144282	chr17	34977352	34977454	-	0.010413
Skiv2l	MmuINT0144283	chr17	34977161	34977240	-	0.023922
Skiv2l	MmuINT0144284	chr17	34976777	34976941	-	0.029636
Skiv2l	MmuINT0144285	chr17	34976551	34976635	-	0.096976
Skiv2l	MmuINT0144286	chr17	34985171	34985269	-	0.01794
Skiv2l	MmuINT0144287	chr17	34984964	34985052	-	0.013901
Skiv2l	MmuINT0144288	chr17	34984767	34984848	-	0.014217
Skiv2l	MmuINT0144289	chr17	34984407	34984691	-	0.028591
Skiv2l	MmuINT0144290	chr17	34984270	34984352	-	0.107239
Skiv2l	MmuINT0144291	chr17	34983941	34984087	-	0.170749
Skiv2l	MmuINT0144292	chr17	34983613	34983811	-	0.132021
Skiv2l2	MmuINT0144293	chr13	1.14E+08	1.14E+08	-	0.008831
Skiv2l2	MmuINT0144294	chr13	1.14E+08	1.14E+08	-	0.013377
Skiv2l2	MmuINT0144295	chr13	1.14E+08	1.14E+08	-	0.013295
Skiv2l2	MmuINT0144296	chr13	1.14E+08	1.14E+08	-	0.014558
Skiv2l2	MmuINT0144297	chr13	1.14E+08	1.14E+08	-	0.012416
Skiv2l2	MmuINT0144298	chr13	1.14E+08	1.14E+08	-	0.007977
Skiv2l2	MmuINT0144299	chr13	1.14E+08	1.14E+08	-	0.01089
Skiv2l2	MmuINT0144300	chr13	1.14E+08	1.14E+08	-	0.016379
Skiv2l2	MmuINT0144301	chr13	1.14E+08	1.14E+08	-	0.011499
Skiv2l2	MmuINT0144302	chr13	1.14E+08	1.14E+08	-	0.008275
Skiv2l2	MmuINT0144303	chr13	1.14E+08	1.14E+08	-	0.009233
Skiv2l2	MmuINT0144304	chr13	1.14E+08	1.14E+08	-	0.013212
Skiv2l2	MmuINT0144305	chr13	1.14E+08	1.14E+08	-	0.009267
Skiv2l2	MmuINT0144306	chr13	1.14E+08	1.14E+08	-	0.049557
Skiv2l2	MmuINT0144307	chr13	1.14E+08	1.14E+08	-	0.01081
Skiv2l2	MmuINT0144308	chr13	1.14E+08	1.14E+08	-	0.009111
Skiv2l2	MmuINT0144309	chr13	1.14E+08	1.14E+08	-	0.017793
Skiv2l2	MmuINT0144310	chr13	1.14E+08	1.14E+08	-	0.03901
Skiv2l2	MmuINT0144311	chr13	1.14E+08	1.14E+08	-	0.013148
Skiv2l2	MmuINT0144312	chr13	1.14E+08	1.14E+08	-	0.024644
Skiv2l2	MmuINT0144313	chr13	1.14E+08	1.14E+08	-	0.016469
Skiv2l2	MmuINT0144314	chr13	1.14E+08	1.14E+08	-	0.009714
Skiv2l2	MmuINT0144315	chr13	1.14E+08	1.14E+08	-	0.008744
Skiv2l2	MmuINT0144316	chr13	1.14E+08	1.14E+08	-	0.014522
Skiv2l2	MmuINT0144317	chr13	1.14E+08	1.14E+08	-	0.012494
Skiv2l2	MmuINT0144318	chr13	1.14E+08	1.14E+08	-	0.008829
Skp1a	MmuINT0144336	chr11	52045621	52050338	+	0.002078
Skp1a	MmuINT0144337	chr11	52050436	52056088	+	0.002245
Skp1a	MmuINT0144338	chr11	52056163	52057116	+	0.002217
Skp1a	MmuINT0144340	chr11	52058624	52059486	+	0.00049
Sla	MmuINT0144351	chr15	66633091	66644090	-	0.060056
Slain2	MmuINT0144370	chr5	73306253	73332530	+	0.008246
Slain2	MmuINT0144371	chr5	73332680	73339800	+	0.001493
Slain2	MmuINT0144372	chr5	73339966	73346565	+	0.001897
Slain2	MmuINT0144373	chr5	73346728	73348531	+	0.001793
Slain2	MmuINT0144374	chr5	73348892	73349387	+	0.00168
Slain2	MmuINT0144375	chr5	73349526	73365769	+	0.053694
Slain2	MmuINT0144376	chr5	73366086	73367235	+	0.003461
Slamf9	MmuINT0144403	chr1	1.74E+08	1.74E+08	+	0.034632

Slamf9	MmuINT0144404	chr1	1.74E+08	1.74E+08	+	0.046871
Slamf9	MmuINT0144405	chr1	1.74E+08	1.74E+08	+	0.056412
Slbp	MmuINT0144407	chr5	33992497	33994611	-	0.007672
Slbp	MmuINT0144408	chr5	33988719	33992391	-	0.031419
Slbp	MmuINT0144409	chr5	33988287	33988658	-	0.054227
Slbp	MmuINT0144410	chr5	33986536	33988148	-	0.000583
Slbp	MmuINT0144412	chr5	33983578	33984549	-	0.029379
Slc10a3	MmuINT0144420	chrX	71618022	71618529	-	0.052896
Slc10a3	MmuINT0144421	chrX	71616351	71617952	-	0.030893
Slc10a6	MmuINT0144424	chr5	1.04E+08	1.04E+08	-	0.052974
Slc10a6	MmuINT0144425	chr5	1.04E+08	1.04E+08	-	0.048331
Slc10a6	MmuINT0144426	chr5	1.04E+08	1.04E+08	-	0.142591
Slc10a6	MmuINT0144428	chr5	1.04E+08	1.04E+08	-	0.1493
Slc10a7	MmuINT0144430	chr8	81230848	81253516	+	0.063922
Slc10a7	MmuINT0144432	chr8	81039568	81049060	+	0.051369
Slc11a1	MmuINT0144440	chr1	74421896	74422291	+	0.391556
Slc11a1	MmuINT0144441	chr1	74430102	74430198	+	0.131895
Slc11a1	MmuINT0144442	chr1	74430319	74430597	+	0.06241
Slc11a1	MmuINT0144443	chr1	74430748	74431270	+	0.042251
Slc11a1	MmuINT0144444	chr1	74431345	74431714	+	0.161525
Slc11a1	MmuINT0144445	chr1	74431869	74431966	+	0.040967
Slc11a1	MmuINT0144446	chr1	74422426	74423366	+	0.068193
Slc11a1	MmuINT0144447	chr1	74423490	74423730	+	0.090306
Slc11a1	MmuINT0144450	chr1	74426842	74427182	+	0.107088
Slc11a1	MmuINT0144452	chr1	74427572	74428309	+	0.110312
Slc11a1	MmuINT0144453	chr1	74428469	74430011	+	0.17525
Slc11a2	MmuINT0144454	chr15	1E+08	1E+08	-	0.031307
Slc11a2	MmuINT0144455	chr15	1E+08	1E+08	-	0.011396
Slc11a2	MmuINT0144456	chr15	1E+08	1E+08	-	0.011329
Slc11a2	MmuINT0144457	chr15	1E+08	1E+08	-	0.008936
Slc11a2	MmuINT0144458	chr15	1E+08	1E+08	-	0.00895
Slc11a2	MmuINT0144459	chr15	1E+08	1E+08	-	0.021793
Slc11a2	MmuINT0144460	chr15	1E+08	1E+08	-	0.017472
Slc11a2	MmuINT0144461	chr15	1E+08	1E+08	-	0.013576
Slc11a2	MmuINT0144462	chr15	1E+08	1E+08	-	0.009719
Slc11a2	MmuINT0144463	chr15	1E+08	1E+08	-	0.011045
Slc11a2	MmuINT0144464	chr15	1E+08	1E+08	-	0.011045
Slc11a2	MmuINT0144465	chr15	1E+08	1E+08	-	0.074433
Slc11a2	MmuINT0144466	chr15	1E+08	1E+08	-	0.048132
Slc11a2	MmuINT0144467	chr15	1E+08	1E+08	-	0.026452
Slc11a2	MmuINT0144468	chr15	1E+08	1E+08	-	0.009434
Slc12a2	MmuINT0144497	chr18	58039199	58055935	+	0.031877
Slc12a2	MmuINT0144498	chr18	58065759	58069894	+	0.028744
Slc12a2	MmuINT0144499	chr18	58070003	58071543	+	0.078762
Slc12a2	MmuINT0144500	chr18	58071668	58072490	+	0.034835
Slc12a2	MmuINT0144501	chr18	58072593	58073759	+	0.030776
Slc12a2	MmuINT0144502	chr18	58073916	58075062	+	0.023606
Slc12a2	MmuINT0144503	chr18	58075163	58079109	+	0.022792
Slc12a2	MmuINT0144504	chr18	58079222	58081399	+	0.022077
Slc12a2	MmuINT0144505	chr18	58081541	58086060	+	0.017186

Slc12a2	MmuINT0144506	chr18	58086168	58089808	+	0.033159
Slc12a2	MmuINT0144507	chr18	58089889	58092133	+	0.034882
Slc12a2	MmuINT0144508	chr18	58056056	58056997	+	0.0533
Slc12a2	MmuINT0144509	chr18	58092260	58094604	+	0.064339
Slc12a2	MmuINT0144510	chr18	58094653	58095961	+	0.139255
Slc12a2	MmuINT0144511	chr18	58096085	58097313	+	0.018565
Slc12a2	MmuINT0144512	chr18	58097426	58099788	+	0.028126
Slc12a2	MmuINT0144513	chr18	58099876	58100662	+	0.022615
Slc12a2	MmuINT0144514	chr18	58100799	58101406	+	0.020439
Slc12a2	MmuINT0144515	chr18	58101475	58103569	+	0.034014
Slc12a2	MmuINT0144516	chr18	58057074	58057712	+	0.023403
Slc12a2	MmuINT0144517	chr18	58057809	58058913	+	0.02918
Slc12a2	MmuINT0144518	chr18	58059054	58059675	+	0.033391
Slc12a2	MmuINT0144519	chr18	58059787	58061009	+	0.033708
Slc12a2	MmuINT0144520	chr18	58061119	58063777	+	0.026374
Slc12a2	MmuINT0144521	chr18	58063906	58063991	+	0.029601
Slc12a2	MmuINT0144522	chr18	58064077	58065606	+	0.031151
Slc12a4	MmuINT0144547	chr8	1.08E+08	1.08E+08	-	0.007654
Slc12a4	MmuINT0144548	chr8	1.08E+08	1.08E+08	-	0.032621
Slc12a4	MmuINT0144549	chr8	1.08E+08	1.08E+08	-	0.069848
Slc12a4	MmuINT0144550	chr8	1.08E+08	1.08E+08	-	0.007671
Slc12a4	MmuINT0144551	chr8	1.08E+08	1.08E+08	-	0.22952
Slc12a4	MmuINT0144552	chr8	1.08E+08	1.08E+08	-	0.062533
Slc12a4	MmuINT0144553	chr8	1.08E+08	1.08E+08	-	0.018585
Slc12a4	MmuINT0144554	chr8	1.08E+08	1.08E+08	-	0.016209
Slc12a4	MmuINT0144555	chr8	1.08E+08	1.08E+08	-	0.046877
Slc12a4	MmuINT0144556	chr8	1.08E+08	1.08E+08	-	0.10091
Slc12a4	MmuINT0144557	chr8	1.08E+08	1.08E+08	-	0.006425
Slc12a4	MmuINT0144558	chr8	1.08E+08	1.08E+08	-	0.030606
Slc12a4	MmuINT0144559	chr8	1.08E+08	1.08E+08	-	0.005486
Slc12a4	MmuINT0144560	chr8	1.08E+08	1.08E+08	-	0.009312
Slc12a4	MmuINT0144561	chr8	1.08E+08	1.08E+08	-	0.020385
Slc12a4	MmuINT0144562	chr8	1.08E+08	1.08E+08	-	0.007118
Slc12a4	MmuINT0144563	chr8	1.08E+08	1.08E+08	-	0.018463
Slc12a4	MmuINT0144564	chr8	1.08E+08	1.08E+08	-	0.011418
Slc12a4	MmuINT0144565	chr8	1.08E+08	1.08E+08	-	0.011617
Slc12a4	MmuINT0144566	chr8	1.08E+08	1.08E+08	-	0.005481
Slc12a4	MmuINT0144567	chr8	1.08E+08	1.08E+08	-	0.009238
Slc12a4	MmuINT0144568	chr8	1.08E+08	1.08E+08	-	0.021983
Slc12a4	MmuINT0144569	chr8	1.08E+08	1.08E+08	-	0.01066
Slc12a6	MmuINT0144596	chr2	1.12E+08	1.12E+08	+	0.037366
Slc12a6	MmuINT0144597	chr2	1.12E+08	1.12E+08	+	0.012738
Slc12a6	MmuINT0144598	chr2	1.12E+08	1.12E+08	+	0.019454
Slc12a6	MmuINT0144599	chr2	1.12E+08	1.12E+08	+	0.018864
Slc12a6	MmuINT0144600	chr2	1.12E+08	1.12E+08	+	0.015309
Slc12a6	MmuINT0144601	chr2	1.12E+08	1.12E+08	+	0.012775
Slc12a6	MmuINT0144602	chr2	1.12E+08	1.12E+08	+	0.045554
Slc12a6	MmuINT0144603	chr2	1.12E+08	1.12E+08	+	0.016933
Slc12a6	MmuINT0144604	chr2	1.12E+08	1.12E+08	+	0.036015
Slc12a6	MmuINT0144605	chr2	1.12E+08	1.12E+08	+	0.020629

Slc12a6	MmuINT0144606	chr2	1.12E+08	1.12E+08	+	0.011312
Slc12a6	MmuINT0144608	chr2	1.12E+08	1.12E+08	+	0.063913
Slc12a6	MmuINT0144609	chr2	1.12E+08	1.12E+08	+	0.144864
Slc12a6	MmuINT0144610	chr2	1.12E+08	1.12E+08	+	0.026691
Slc12a6	MmuINT0144611	chr2	1.12E+08	1.12E+08	+	0.015784
Slc12a6	MmuINT0144612	chr2	1.12E+08	1.12E+08	+	0.043367
Slc12a6	MmuINT0144613	chr2	1.12E+08	1.12E+08	+	0.012519
Slc12a6	MmuINT0144614	chr2	1.12E+08	1.12E+08	+	0.013535
Slc12a6	MmuINT0144615	chr2	1.12E+08	1.12E+08	+	0.02732
Slc12a6	MmuINT0144616	chr2	1.12E+08	1.12E+08	+	0.037619
Slc12a6	MmuINT0144617	chr2	1.12E+08	1.12E+08	+	0.013736
Slc12a6	MmuINT0144618	chr2	1.12E+08	1.12E+08	+	0.011986
Slc12a6	MmuINT0144619	chr2	1.12E+08	1.12E+08	+	0.015779
Slc12a7	MmuINT0144620	chr13	73901339	73921966	+	0.018599
Slc12a7	MmuINT0144621	chr13	73933151	73934214	+	0.002702
Slc12a7	MmuINT0144622	chr13	73934273	73934974	+	0.017053
Slc12a7	MmuINT0144623	chr13	73935150	73935866	+	0.004851
Slc12a7	MmuINT0144624	chr13	73935986	73936390	+	0.004522
Slc12a7	MmuINT0144625	chr13	73936490	73937060	+	0.01922
Slc12a7	MmuINT0144626	chr13	73937181	73937832	+	0.002437
Slc12a7	MmuINT0144627	chr13	73937938	73938375	+	0.004158
Slc12a7	MmuINT0144628	chr13	73938545	73942861	+	0.007131
Slc12a7	MmuINT0144629	chr13	73943058	73943476	+	0.001385
Slc12a7	MmuINT0144630	chr13	73943647	73943753	+	0.012816
Slc12a7	MmuINT0144631	chr13	73922062	73922491	+	0.002308
Slc12a7	MmuINT0144632	chr13	73943886	73946432	+	0.004665
Slc12a7	MmuINT0144633	chr13	73946541	73947353	+	0.00744
Slc12a7	MmuINT0144634	chr13	73947533	73950986	+	0.544358
Slc12a7	MmuINT0144635	chr13	73951121	73952290	+	0.00261
Slc12a7	MmuINT0144636	chr13	73922615	73926012	+	0.002988
Slc12a7	MmuINT0144637	chr13	73926160	73927388	+	0.003916
Slc12a7	MmuINT0144638	chr13	73927444	73928097	+	0.004758
Slc12a7	MmuINT0144639	chr13	73928229	73929997	+	0.001928
Slc12a7	MmuINT0144640	chr13	73930240	73931371	+	0.002778
Slc12a7	MmuINT0144641	chr13	73931584	73932545	+	0.001834
Slc12a7	MmuINT0144642	chr13	73932714	73933051	+	0.005982
Slc12a9	MmuINT0144658	chr5	1.38E+08	1.38E+08	-	0.051718
Slc12a9	MmuINT0144659	chr5	1.38E+08	1.38E+08	-	0.057146
Slc12a9	MmuINT0144660	chr5	1.38E+08	1.38E+08	-	0.036846
Slc12a9	MmuINT0144661	chr5	1.38E+08	1.38E+08	-	0.060825
Slc12a9	MmuINT0144662	chr5	1.38E+08	1.38E+08	-	0.062865
Slc12a9	MmuINT0144663	chr5	1.38E+08	1.38E+08	-	0.063403
Slc12a9	MmuINT0144664	chr5	1.38E+08	1.38E+08	-	0.116171
Slc12a9	MmuINT0144665	chr5	1.38E+08	1.38E+08	-	0.054869
Slc12a9	MmuINT0144666	chr5	1.38E+08	1.38E+08	-	0.070786
Slc12a9	MmuINT0144667	chr5	1.38E+08	1.38E+08	-	0.043068
Slc12a9	MmuINT0144669	chr5	1.38E+08	1.38E+08	-	0.061289
Slc15a2	MmuINT0144791	chr16	36756476	36757207	-	0.078439
Slc15a2	MmuINT0144792	chr16	36756183	36756310	-	0.038087
Slc15a2	MmuINT0144793	chr16	36754639	36756135	-	0.523304

Slc15a2	MmuINT0144794	chr16	36753879	36754527	-	0.06415
Slc15a2	MmuINT0144795	chr16	36753226	36753781	-	0.076645
Slc15a2	MmuINT0144797	chr16	36752463	36753078	-	0.106553
Slc15a2	MmuINT0144798	chr16	36752041	36752357	-	0.053991
Slc15a2	MmuINT0144803	chr16	36761996	36762390	-	0.036431
Slc15a3	MmuINT0144805	chr19	10918069	10922994	+	0.083843
Slc15a3	MmuINT0144806	chr19	10923279	10927618	+	0.054102
Slc15a3	MmuINT0144807	chr19	10927767	10928743	+	0.057103
Slc15a3	MmuINT0144808	chr19	10928852	10929398	+	0.058185
Slc15a3	MmuINT0144809	chr19	10929568	10930377	+	0.050531
Slc15a3	MmuINT0144810	chr19	10930537	10931672	+	0.047148
Slc15a3	MmuINT0144811	chr19	10931829	10932119	+	0.091694
Slc15a4	MmuINT0144812	chr5	1.28E+08	1.28E+08	-	0.016786
Slc15a4	MmuINT0144813	chr5	1.28E+08	1.28E+08	-	0.076388
Slc15a4	MmuINT0144814	chr5	1.28E+08	1.28E+08	-	0.024801
Slc15a4	MmuINT0144815	chr5	1.28E+08	1.28E+08	-	0.02332
Slc15a4	MmuINT0144816	chr5	1.28E+08	1.28E+08	-	0.012924
Slc15a4	MmuINT0144817	chr5	1.28E+08	1.28E+08	-	0.030869
Slc15a4	MmuINT0144818	chr5	1.28E+08	1.28E+08	-	0.0647
Slc16a1	MmuINT0144827	chr3	1.04E+08	1.04E+08	+	0.002208
Slc16a1	MmuINT0144828	chr3	1.04E+08	1.04E+08	+	0.003407
Slc16a1	MmuINT0144829	chr3	1.04E+08	1.04E+08	+	0.001104
Slc16a1	MmuINT0144830	chr3	1.04E+08	1.04E+08	+	0.006853
Slc16a10	MmuINT0144831	chr10	39800614	39861508	-	0.012429
Slc16a10	MmuINT0144832	chr10	39796824	39800468	-	0.009018
Slc16a10	MmuINT0144834	chr10	39757211	39760404	-	0.011883
Slc16a13	MmuINT0144845	chr11	70033841	70033980	-	0.109555
Slc16a13	MmuINT0144846	chr11	70032833	70033696	-	0.221316
Slc16a13	MmuINT0144847	chr11	70031424	70032094	-	0.066174
Slc16a6	MmuINT0144877	chr11	1.09E+08	1.09E+08	-	0.061674
Slc16a6	MmuINT0144878	chr11	1.09E+08	1.09E+08	-	0.10212
Slc16a6	MmuINT0144879	chr11	1.09E+08	1.09E+08	-	0.66202
Slc16a6	MmuINT0144880	chr11	1.09E+08	1.09E+08	-	0.429858
Slc16a7	MmuINT0144886	chr10	1.25E+08	1.25E+08	-	0.030638
Slc17a5	MmuINT0144944	chr9	78426515	78435680	-	0.035919
Slc17a5	MmuINT0144945	chr9	78386107	78388705	-	0.049612
Slc17a5	MmuINT0144946	chr9	78425071	78426317	-	0.028608
Slc17a5	MmuINT0144947	chr9	78422545	78424836	-	0.115256
Slc17a5	MmuINT0144948	chr9	78418916	78422456	-	0.047242
Slc17a5	MmuINT0144949	chr9	78408614	78418828	-	0.053651
Slc17a5	MmuINT0144950	chr9	78406977	78408494	-	0.036515
Slc17a5	MmuINT0144951	chr9	78405397	78406817	-	0.052375
Slc17a5	MmuINT0144952	chr9	78400889	78405263	-	0.203044
Slc17a5	MmuINT0144953	chr9	78388797	78400740	-	0.088181
Slc17a7	MmuINT0144965	chr7	52419515	52424084	+	0.011878
Slc17a7	MmuINT0144966	chr7	52428373	52428731	+	0.008132
Slc17a7	MmuINT0144967	chr7	52428860	52430120	+	0.006958
Slc17a7	MmuINT0144968	chr7	52424338	52425186	+	0.010894
Slc17a7	MmuINT0144969	chr7	52425306	52425579	+	0.012507
Slc17a7	MmuINT0144970	chr7	52425695	52425770	+	0.010756

Slc17a7	MmuINT0144971	chr7	52425859	52426029	+	0.014921
Slc17a7	MmuINT0144972	chr7	52426117	52426216	+	0.008095
Slc17a7	MmuINT0144973	chr7	52426360	52427144	+	0.006613
Slc17a7	MmuINT0144974	chr7	52427295	52427427	+	0.006436
Slc17a7	MmuINT0144975	chr7	52427561	52428261	+	0.010425
Slc19a1	MmuINT0145030	chr10	76496093	76501094	+	0.08121
Slc19a1	MmuINT0145033	chr10	76505720	76507505	+	0.065152
Slc19a1	MmuINT0145034	chr10	76507648	76512284	+	0.090114
Slc19a2	MmuINT0145035	chr1	1.66E+08	1.66E+08	+	0.025796
Slc19a2	MmuINT0145036	chr1	1.66E+08	1.66E+08	+	0.072365
Slc19a2	MmuINT0145037	chr1	1.66E+08	1.66E+08	+	0.047935
Slc19a2	MmuINT0145038	chr1	1.66E+08	1.66E+08	+	0.10254
Slc19a2	MmuINT0145039	chr1	1.66E+08	1.66E+08	+	0.03723
Slc1a1	MmuINT0145047	chr19	28980018	28983920	+	0.289475
Slc1a1	MmuINT0145048	chr19	28984056	28986143	+	0.049887
Slc1a1	MmuINT0145053	chr19	28972093	28975931	+	0.041976
Slc1a1	MmuINT0145054	chr19	28976117	28977175	+	0.061416
Slc1a1	MmuINT0145056	chr19	28979225	28979822	+	0.079356
Slc1a5	MmuINT0145082	chr7	17367825	17371024	+	0.172251
Slc1a5	MmuINT0145083	chr7	17371068	17371697	+	0.132481
Slc1a5	MmuINT0145084	chr7	17371743	17372219	+	0.221629
Slc1a5	MmuINT0145085	chr7	17372262	17375125	+	0.067654
Slc1a5	MmuINT0145086	chr7	17375287	17378995	+	0.086405
Slc1a5	MmuINT0145087	chr7	17379230	17381106	+	0.032972
Slc1a5	MmuINT0145088	chr7	17381302	17381372	+	0.71794
Slc1a5	MmuINT0145089	chr7	17381508	17382850	+	0.069468
Slc20a1	MmuINT0145110	chr2	1.29E+08	1.29E+08	+	0.046454
Slc20a1	MmuINT0145111	chr2	1.29E+08	1.29E+08	+	0.018607
Slc20a1	MmuINT0145112	chr2	1.29E+08	1.29E+08	+	0.010477
Slc20a1	MmuINT0145113	chr2	1.29E+08	1.29E+08	+	0.014894
Slc20a1	MmuINT0145114	chr2	1.29E+08	1.29E+08	+	0.071549
Slc20a1	MmuINT0145115	chr2	1.29E+08	1.29E+08	+	0.619567
Slc20a1	MmuINT0145116	chr2	1.29E+08	1.29E+08	+	0.42345
Slc20a1	MmuINT0145117	chr2	1.29E+08	1.29E+08	+	0.008717
Slc20a1	MmuINT0145118	chr2	1.29E+08	1.29E+08	+	0.029549
Slc20a1	MmuINT0145119	chr2	1.29E+08	1.29E+08	+	0.026971
Slc20a2	MmuINT0145120	chr8	23587398	23645490	+	0.004969
Slc20a2	MmuINT0145121	chr8	23676171	23678718	+	0.00548
Slc20a2	MmuINT0145122	chr8	23646045	23649275	+	0.001576
Slc20a2	MmuINT0145123	chr8	23649417	23650831	+	0.002426
Slc20a2	MmuINT0145124	chr8	23650918	23655975	+	0.002886
Slc20a2	MmuINT0145125	chr8	23656073	23669413	+	0.015628
Slc20a2	MmuINT0145126	chr8	23669531	23670968	+	0.001893
Slc20a2	MmuINT0145127	chr8	23671173	23671358	+	0.001411
Slc20a2	MmuINT0145128	chr8	23671951	23674500	+	0.001037
Slc20a2	MmuINT0145129	chr8	23674687	23676085	+	0.006611
Slc22a1	MmuINT0145131	chr17	12841951	12843734	-	0.025916
Slc22a1	MmuINT0145139	chr17	12843838	12845237	-	0.020733
Slc22a17	MmuINT0145191	chr14	55527204	55527338	-	0.25312
Slc22a17	MmuINT0145192	chr14	55526941	55527097	-	0.466677



Slc22a17	MmuINT0145193	chr14	55526468	55526722	-	0.246074
Slc22a17	MmuINT0145194	chr14	55526197	55526355	-	0.119508
Slc22a23	MmuINT0145243	chr13	34397131	34436027	-	0.02945
Slc22a23	MmuINT0145244	chr13	34275181	34284024	-	0.032361
Slc22a23	MmuINT0145245	chr13	34391021	34397026	-	0.046472
Slc22a23	MmuINT0145246	chr13	34313941	34390865	-	0.036357
Slc22a23	MmuINT0145247	chr13	34295914	34313771	-	0.025161
Slc22a23	MmuINT0145248	chr13	34289774	34295785	-	0.024155
Slc22a23	MmuINT0145249	chr13	34287354	34289670	-	0.030845
Slc22a23	MmuINT0145250	chr13	34285296	34287120	-	0.029317
Slc22a4	MmuINT0145264	chr11	53819051	53821269	-	0.067695
Slc22a4	MmuINT0145266	chr11	53809593	53810878	-	0.053681
Slc22a4	MmuINT0145267	chr11	53805588	53809465	-	0.052962
Slc22a4	MmuINT0145268	chr11	53804341	53805486	-	0.051783
Slc22a4	MmuINT0145269	chr11	53802467	53804125	-	0.045251
Slc22a4	MmuINT0145270	chr11	53800116	53802283	-	0.589443
Slc22a4	MmuINT0145271	chr11	53797188	53799979	-	0.028679
Slc22a5	MmuINT0145273	chr11	53689666	53697162	-	0.047716
Slc22a5	MmuINT0145274	chr11	53688609	53689510	-	0.079328
Slc22a5	MmuINT0145276	chr11	53685171	53687169	-	0.013845
Slc22a5	MmuINT0145278	chr11	53681208	53682723	-	0.037674
Slc22a5	MmuINT0145279	chr11	53679875	53681024	-	0.021559
Slc22a5	MmuINT0145280	chr11	53679399	53679738	-	0.035344
Slc23a2	MmuINT0145324	chr2	1.32E+08	1.32E+08	-	0.049456
Slc23a2	MmuINT0145325	chr2	1.32E+08	1.32E+08	-	0.110249
Slc23a2	MmuINT0145326	chr2	1.32E+08	1.32E+08	-	0.052889
Slc23a2	MmuINT0145327	chr2	1.32E+08	1.32E+08	-	0.04326
Slc23a2	MmuINT0145328	chr2	1.32E+08	1.32E+08	-	0.047489
Slc23a2	MmuINT0145329	chr2	1.32E+08	1.32E+08	-	0.048738
Slc23a2	MmuINT0145330	chr2	1.32E+08	1.32E+08	-	0.032851
Slc23a2	MmuINT0145331	chr2	1.32E+08	1.32E+08	-	0.029764
Slc23a2	MmuINT0145332	chr2	1.32E+08	1.32E+08	-	0.043734
Slc23a2	MmuINT0145333	chr2	1.32E+08	1.32E+08	-	0.104418
Slc23a2	MmuINT0145334	chr2	1.32E+08	1.32E+08	-	0.055633
Slc23a2	MmuINT0145336	chr2	1.32E+08	1.32E+08	-	0.057542
Slc23a2	MmuINT0145337	chr2	1.32E+08	1.32E+08	-	0.084727
Slc23a2	MmuINT0145338	chr2	1.32E+08	1.32E+08	-	0.06298
Slc24a3	MmuINT0145372	chr2	1.45E+08	1.45E+08	+	0.984814
Slc24a5	MmuINT0145409	chr2	1.25E+08	1.25E+08	+	0.703045
Slc24a6	MmuINT0145413	chr5	1.21E+08	1.21E+08	+	0.043119
Slc24a6	MmuINT0145414	chr5	1.21E+08	1.21E+08	+	0.028685
Slc24a6	MmuINT0145415	chr5	1.21E+08	1.21E+08	+	0.058017
Slc24a6	MmuINT0145416	chr5	1.21E+08	1.21E+08	+	0.074928
Slc24a6	MmuINT0145417	chr5	1.21E+08	1.21E+08	+	0.198577
Slc24a6	MmuINT0145418	chr5	1.21E+08	1.21E+08	+	0.257877
Slc24a6	MmuINT0145419	chr5	1.21E+08	1.21E+08	+	0.182346
Slc24a6	MmuINT0145420	chr5	1.21E+08	1.21E+08	+	0.07658
Slc24a6	MmuINT0145421	chr5	1.21E+08	1.21E+08	+	0.060506
Slc24a6	MmuINT0145422	chr5	1.21E+08	1.21E+08	+	0.261867
Slc24a6	MmuINT0145423	chr5	1.21E+08	1.21E+08	+	0.269667

Slc24a6	MmuINT0145424	chr5	1.21E+08	1.21E+08	+	0.077537
Slc24a6	MmuINT0145425	chr5	1.21E+08	1.21E+08	+	0.032672
Slc24a6	MmuINT0145426	chr5	1.21E+08	1.21E+08	+	0.037719
Slc24a6	MmuINT0145427	chr5	1.21E+08	1.21E+08	+	0.028893
Slc25a1	MmuINT0145428	chr16	17927746	17928078	-	0.063473
Slc25a1	MmuINT0145429	chr16	17927560	17927637	-	0.062907
Slc25a1	MmuINT0145430	chr16	17927386	17927459	-	0.070826
Slc25a1	MmuINT0145431	chr16	17926834	17927246	-	0.044766
Slc25a1	MmuINT0145432	chr16	17926633	17926748	-	0.036989
Slc25a1	MmuINT0145433	chr16	17926398	17926527	-	0.034897
Slc25a1	MmuINT0145434	chr16	17926197	17926281	-	0.036121
Slc25a1	MmuINT0145435	chr16	17926021	17926122	-	0.039959
Slc25a10	MmuINT0145436	chr11	1.2E+08	1.2E+08	+	0.015071
Slc25a10	MmuINT0145437	chr11	1.2E+08	1.2E+08	+	0.012111
Slc25a10	MmuINT0145438	chr11	1.2E+08	1.2E+08	+	0.01376
Slc25a10	MmuINT0145439	chr11	1.2E+08	1.2E+08	+	0.024005
Slc25a10	MmuINT0145440	chr11	1.2E+08	1.2E+08	+	0.024917
Slc25a10	MmuINT0145441	chr11	1.2E+08	1.2E+08	+	0.028444
Slc25a10	MmuINT0145442	chr11	1.2E+08	1.2E+08	+	0.029803
Slc25a10	MmuINT0145443	chr11	1.2E+08	1.2E+08	+	0.040869
Slc25a10	MmuINT0145444	chr11	1.2E+08	1.2E+08	+	0.04893
Slc25a10	MmuINT0145445	chr11	1.2E+08	1.2E+08	+	0.021766
Slc25a11	MmuINT0145446	chr11	70459731	70460269	-	0.001683
Slc25a11	MmuINT0145447	chr11	70459493	70459577	-	0.000348
Slc25a11	MmuINT0145448	chr11	70459123	70459285	-	0.00044
Slc25a11	MmuINT0145449	chr11	70458943	70459031	-	0.001644
Slc25a11	MmuINT0145450	chr11	70458772	70458851	-	0.007883
Slc25a11	MmuINT0145451	chr11	70458593	70458671	-	0.00071
Slc25a11	MmuINT0145452	chr11	70458424	70458540	-	0.002959
Slc25a12	MmuINT0145453	chr2	71204638	71205569	-	0.004131
Slc25a12	MmuINT0145454	chr2	71134881	71136626	-	0.001382
Slc25a12	MmuINT0145455	chr2	71131782	71134721	-	0.001227
Slc25a12	MmuINT0145456	chr2	71131498	71131728	-	0.001593
Slc25a12	MmuINT0145457	chr2	71120668	71131416	-	0.003755
Slc25a12	MmuINT0145458	chr2	71117712	71120526	-	0.0019
Slc25a12	MmuINT0145459	chr2	71114857	71117572	-	0.001564
Slc25a12	MmuINT0145460	chr2	71114580	71114697	-	0.001146
Slc25a12	MmuINT0145461	chr2	71113411	71114488	-	0.00185
Slc25a12	MmuINT0145462	chr2	71182090	71204583	-	0.001149
Slc25a12	MmuINT0145463	chr2	71171778	71181946	-	0.001128
Slc25a12	MmuINT0145464	chr2	71162173	71171661	-	0.003418
Slc25a12	MmuINT0145465	chr2	71153187	71162032	-	0.000973
Slc25a12	MmuINT0145466	chr2	71150621	71153039	-	0.000849
Slc25a12	MmuINT0145467	chr2	71149614	71150481	-	0.001749
Slc25a12	MmuINT0145468	chr2	71146198	71149519	-	0.001367
Slc25a12	MmuINT0145469	chr2	71136709	71146112	-	0.001346
Slc25a13	MmuINT0145470	chr6	6141318	6166995	-	0.001775
Slc25a13	MmuINT0145471	chr6	6059340	6059936	-	0.002575
Slc25a13	MmuINT0145472	chr6	6046723	6059180	-	0.002616
Slc25a13	MmuINT0145473	chr6	6045228	6046669	-	0.001941

Slc25a13	MmuINT0145474	chr6	6023543	6045146	-	0.002672
Slc25a13	MmuINT0145475	chr6	6002904	6023401	-	0.001601
Slc25a13	MmuINT0145476	chr6	5992900	6002764	-	0.003247
Slc25a13	MmuINT0145477	chr6	5992650	5992740	-	0.005229
Slc25a13	MmuINT0145478	chr6	5992333	5992558	-	0.002842
Slc25a13	MmuINT0145479	chr6	6131114	6141263	-	0.002458
Slc25a13	MmuINT0145480	chr6	6102524	6130970	-	0.001494
Slc25a13	MmuINT0145481	chr6	6081769	6102407	-	0.001105
Slc25a13	MmuINT0145482	chr6	6067246	6081628	-	0.001236
Slc25a13	MmuINT0145483	chr6	6065109	6067098	-	0.006482
Slc25a13	MmuINT0145484	chr6	6064319	6064969	-	0.001217
Slc25a13	MmuINT0145485	chr6	6064023	6064224	-	0.001914
Slc25a14	MmuINT0145489	chrX	46013947	46015059	+	0.063059
Slc25a14	MmuINT0145491	chrX	45984214	45987933	+	0.066562
Slc25a14	MmuINT0145493	chrX	45990653	45993411	+	0.056798
Slc25a14	MmuINT0145495	chrX	46005232	46006543	+	0.060156
Slc25a14	MmuINT0145496	chrX	46006680	46013865	+	0.062598
Slc25a15	MmuINT0145498	chr8	23500545	23506184	-	0.016776
Slc25a15	MmuINT0145499	chr8	23493817	23500285	-	0.022476
Slc25a15	MmuINT0145500	chr8	23491480	23493678	-	0.034135
Slc25a15	MmuINT0145501	chr8	23489915	23491309	-	0.013479
Slc25a15	MmuINT0145502	chr8	23488454	23489755	-	0.013984
Slc25a16	MmuINT0145503	chr10	62383630	62391043	+	0.01736
Slc25a16	MmuINT0145504	chr10	62391137	62393050	+	0.006868
Slc25a16	MmuINT0145505	chr10	62393185	62395466	+	0.010301
Slc25a16	MmuINT0145506	chr10	62395531	62400165	+	0.011302
Slc25a16	MmuINT0145507	chr10	62400288	62400675	+	0.016769
Slc25a16	MmuINT0145508	chr10	62400743	62403789	+	0.02348
Slc25a16	MmuINT0145509	chr10	62403953	62405398	+	0.011091
Slc25a16	MmuINT0145510	chr10	62405468	62407062	+	0.014351
Slc25a17	MmuINT0145511	chr15	81174592	81191106	-	0.014144
Slc25a17	MmuINT0145512	chr15	81170471	81174530	-	0.029414
Slc25a17	MmuINT0145513	chr15	81168518	81170403	-	0.030052
Slc25a17	MmuINT0145514	chr15	81159597	81168365	-	0.026886
Slc25a17	MmuINT0145515	chr15	81157793	81159479	-	0.142954
Slc25a17	MmuINT0145516	chr15	81157567	81157646	-	0.095239
Slc25a17	MmuINT0145517	chr15	81154123	81157470	-	0.013354
Slc25a17	MmuINT0145518	chr15	81150207	81154039	-	0.022725
Slc25a19	MmuINT0145528	chr11	1.15E+08	1.15E+08	-	0.022471
Slc25a19	MmuINT0145529	chr11	1.15E+08	1.15E+08	-	0.002488
Slc25a19	MmuINT0145530	chr11	1.15E+08	1.15E+08	-	0.083338
Slc25a19	MmuINT0145531	chr11	1.15E+08	1.15E+08	-	0.056224
Slc25a19	MmuINT0145532	chr11	1.15E+08	1.15E+08	-	0.040348
Slc25a19	MmuINT0145533	chr11	1.15E+08	1.15E+08	-	0.005705
Slc25a20	MmuINT0145534	chr9	1.09E+08	1.09E+08	+	0.001135
Slc25a20	MmuINT0145535	chr9	1.09E+08	1.09E+08	+	0.001263
Slc25a20	MmuINT0145536	chr9	1.09E+08	1.09E+08	+	0.001606
Slc25a20	MmuINT0145537	chr9	1.09E+08	1.09E+08	+	0.001361
Slc25a20	MmuINT0145538	chr9	1.09E+08	1.09E+08	+	0.002317
Slc25a20	MmuINT0145539	chr9	1.09E+08	1.09E+08	+	0.003985

Slc25a20	MmuINT0145540	chr9	1.09E+08	1.09E+08	+	0.00417
Slc25a20	MmuINT0145541	chr9	1.09E+08	1.09E+08	+	0.0022
Slc25a22	MmuINT0145554	chr7	1.49E+08	1.49E+08	-	0.119051
Slc25a22	MmuINT0145555	chr7	1.49E+08	1.49E+08	-	0.014262
Slc25a22	MmuINT0145556	chr7	1.49E+08	1.49E+08	-	0.021111
Slc25a22	MmuINT0145557	chr7	1.49E+08	1.49E+08	-	0.150251
Slc25a22	MmuINT0145558	chr7	1.49E+08	1.49E+08	-	0.117549
Slc25a22	MmuINT0145559	chr7	1.49E+08	1.49E+08	-	0.136359
Slc25a22	MmuINT0145560	chr7	1.49E+08	1.49E+08	-	0.036544
Slc25a22	MmuINT0145561	chr7	1.49E+08	1.49E+08	-	0.07371
Slc25a22	MmuINT0145562	chr7	1.49E+08	1.49E+08	-	0.037695
Slc25a23	MmuINT0145563	chr17	57197658	57198943	-	0.018677
Slc25a23	MmuINT0145564	chr17	57196093	57197530	-	0.040225
Slc25a23	MmuINT0145565	chr17	57194809	57196004	-	0.016223
Slc25a23	MmuINT0145566	chr17	57193366	57194696	-	0.008062
Slc25a23	MmuINT0145567	chr17	57193123	57193206	-	0.014775
Slc25a23	MmuINT0145568	chr17	57192772	57192969	-	0.026041
Slc25a23	MmuINT0145569	chr17	57192273	57192663	-	0.044398
Slc25a23	MmuINT0145570	chr17	57186760	57192104	-	0.01229
Slc25a23	MmuINT0145571	chr17	57185087	57186608	-	0.257841
Slc25a24	MmuINT0145572	chr3	1.09E+08	1.09E+08	+	0.061259
Slc25a24	MmuINT0145573	chr3	1.09E+08	1.09E+08	+	0.056379
Slc25a24	MmuINT0145574	chr3	1.09E+08	1.09E+08	+	0.058063
Slc25a24	MmuINT0145575	chr3	1.09E+08	1.09E+08	+	0.084885
Slc25a24	MmuINT0145576	chr3	1.09E+08	1.09E+08	+	0.075554
Slc25a24	MmuINT0145577	chr3	1.09E+08	1.09E+08	+	0.064852
Slc25a24	MmuINT0145578	chr3	1.09E+08	1.09E+08	+	0.107244
Slc25a24	MmuINT0145579	chr3	1.09E+08	1.09E+08	+	0.064075
Slc25a24	MmuINT0145580	chr3	1.09E+08	1.09E+08	+	0.059007
Slc25a25	MmuINT0145583	chr2	32271843	32271928	-	0.032767
Slc25a25	MmuINT0145584	chr2	32276911	32276992	-	0.03462
Slc25a25	MmuINT0145587	chr2	32274727	32275824	-	0.041182
Slc25a25	MmuINT0145588	chr2	32273397	32274567	-	0.030736
Slc25a25	MmuINT0145589	chr2	32272974	32273243	-	0.04214
Slc25a25	MmuINT0145590	chr2	32272780	32272865	-	0.03205
Slc25a25	MmuINT0145591	chr2	32272080	32272611	-	0.047857
Slc25a26	MmuINT0145592	chr6	94450452	94457507	+	0.008301
Slc25a26	MmuINT0145593	chr6	94457665	94460745	+	0.005873
Slc25a26	MmuINT0145594	chr6	94460856	94484137	+	0.01299
Slc25a26	MmuINT0145595	chr6	94484243	94485714	+	0.01088
Slc25a26	MmuINT0145596	chr6	94485763	94526327	+	0.045168
Slc25a26	MmuINT0145597	chr6	94526373	94542405	+	0.349436
Slc25a26	MmuINT0145598	chr6	94542476	94548373	+	0.006812
Slc25a26	MmuINT0145599	chr6	94548439	94549172	+	0.007323
Slc25a26	MmuINT0145600	chr6	94549247	94553545	+	0.018762
Slc25a27	MmuINT0145601	chr17	43801215	43803848	-	0.615235
Slc25a27	MmuINT0145602	chr17	43798648	43801022	-	0.166378
Slc25a27	MmuINT0145604	chr17	43790424	43794630	-	0.050091
Slc25a27	MmuINT0145605	chr17	43786659	43790310	-	0.070819
Slc25a27	MmuINT0145606	chr17	43784734	43786573	-	0.145232

Slc25a28	MmuINT0145609	chr19	43741634	43748965	-	0.019961
Slc25a28	MmuINT0145610	chr19	43740319	43741404	-	0.244124
Slc25a28	MmuINT0145611	chr19	43739134	43740261	-	0.073409
Slc25a29	MmuINT0145612	chr12	1.1E+08	1.1E+08	-	0.047682
Slc25a29	MmuINT0145613	chr12	1.1E+08	1.1E+08	-	0.092607
Slc25a29	MmuINT0145614	chr12	1.1E+08	1.1E+08	-	0.036186
Slc25a3	MmuINT0145615	chr10	90586452	90586660	-	0.011912
Slc25a3	MmuINT0145616	chr10	90584789	90586302	-	0.302824
Slc25a3	MmuINT0145617	chr10	90582452	90584666	-	0.017393
Slc25a3	MmuINT0145618	chr10	90581626	90582271	-	0.000204
Slc25a3	MmuINT0145619	chr10	90580962	90581443	-	0.001308
Slc25a3	MmuINT0145620	chr10	90580069	90580788	-	0.00078
Slc25a3	MmuINT0145621	chr10	90579870	90579957	-	0.000291
Slc25a30	MmuINT0145622	chr14	76176934	76186731	-	0.050159
Slc25a30	MmuINT0145623	chr14	76174950	76176802	-	0.03116
Slc25a30	MmuINT0145624	chr14	76171341	76174801	-	0.075233
Slc25a30	MmuINT0145625	chr14	76170064	76171245	-	0.05905
Slc25a30	MmuINT0145626	chr14	76169469	76169977	-	0.033021
Slc25a30	MmuINT0145627	chr14	76168748	76169372	-	0.059534
Slc25a30	MmuINT0145628	chr14	76166849	76168622	-	0.028539
Slc25a30	MmuINT0145629	chr14	76163217	76166709	-	0.083575
Slc25a30	MmuINT0145630	chr14	76162498	76163135	-	0.065894
Slc25a32	MmuINT0145636	chr15	38937529	38943893	-	0.029959
Slc25a32	MmuINT0145637	chr15	38933615	38937377	-	0.053884
Slc25a32	MmuINT0145638	chr15	38931580	38933528	-	0.03865
Slc25a32	MmuINT0145639	chr15	38929789	38931418	-	0.026847
Slc25a32	MmuINT0145640	chr15	38929212	38929674	-	0.025875
Slc25a32	MmuINT0145641	chr15	38927655	38929065	-	0.038732
Slc25a33	MmuINT0145642	chr4	1.49E+08	1.49E+08	-	0.032525
Slc25a33	MmuINT0145643	chr4	1.49E+08	1.49E+08	-	0.006341
Slc25a33	MmuINT0145644	chr4	1.49E+08	1.49E+08	-	0.012845
Slc25a33	MmuINT0145645	chr4	1.49E+08	1.49E+08	-	0.012137
Slc25a33	MmuINT0145646	chr4	1.49E+08	1.49E+08	-	0.02359
Slc25a33	MmuINT0145647	chr4	1.49E+08	1.49E+08	-	0.004781
Slc25a34	MmuINT0145648	chr4	1.41E+08	1.41E+08	-	0.066727
Slc25a34	MmuINT0145649	chr4	1.41E+08	1.41E+08	-	0.005984
Slc25a34	MmuINT0145650	chr4	1.41E+08	1.41E+08	-	0.022984
Slc25a34	MmuINT0145651	chr4	1.41E+08	1.41E+08	-	0.008355
Slc25a35	MmuINT0145652	chr11	68782540	68784225	+	0.028125
Slc25a35	MmuINT0145655	chr11	68785306	68785451	+	0.056624
Slc25a36	MmuINT0145657	chr9	96997600	97000493	-	0.009349
Slc25a36	MmuINT0145658	chr9	96993597	96997521	-	0.020078
Slc25a36	MmuINT0145659	chr9	96985543	96993495	-	0.078616
Slc25a37	MmuINT0145662	chr14	69867680	69902788	-	0.019302
Slc25a37	MmuINT0145663	chr14	69865695	69867450	-	0.67319
Slc25a37	MmuINT0145664	chr14	69863412	69865637	-	0.220485
Slc25a38	MmuINT0145665	chr9	1.2E+08	1.2E+08	+	0.006826
Slc25a38	MmuINT0145666	chr9	1.2E+08	1.2E+08	+	0.007696
Slc25a38	MmuINT0145667	chr9	1.2E+08	1.2E+08	+	0.063582
Slc25a38	MmuINT0145668	chr9	1.2E+08	1.2E+08	+	0.006198

Slc25a38	MmuINT0145669	chr9	1.2E+08	1.2E+08	+	0.009001
Slc25a38	MmuINT0145670	chr9	1.2E+08	1.2E+08	+	0.005918
Slc25a39	MmuINT0145671	chr11	1.02E+08	1.02E+08	-	0.005725
Slc25a39	MmuINT0145672	chr11	1.02E+08	1.02E+08	-	0.006065
Slc25a39	MmuINT0145673	chr11	1.02E+08	1.02E+08	-	0.004139
Slc25a39	MmuINT0145674	chr11	1.02E+08	1.02E+08	-	0.003152
Slc25a39	MmuINT0145675	chr11	1.02E+08	1.02E+08	-	0.0033
Slc25a39	MmuINT0145676	chr11	1.02E+08	1.02E+08	-	0.012256
Slc25a39	MmuINT0145677	chr11	1.02E+08	1.02E+08	-	0.002927
Slc25a39	MmuINT0145678	chr11	1.02E+08	1.02E+08	-	0.001719
Slc25a39	MmuINT0145679	chr11	1.02E+08	1.02E+08	-	0.002554
Slc25a39	MmuINT0145680	chr11	1.02E+08	1.02E+08	-	0.001377
Slc25a39	MmuINT0145681	chr11	1.02E+08	1.02E+08	-	0.002367
Slc25a4	MmuINT0145682	chr8	47294863	47296165	-	0.001495
Slc25a4	MmuINT0145683	chr8	47293893	47294375	-	0.000341
Slc25a4	MmuINT0145684	chr8	47292975	47293751	-	0.000215
Slc25a40	MmuINT0145685	chr5	8423040	8427195	+	0.14549
Slc25a40	MmuINT0145686	chr5	8449695	8452745	+	0.044406
Slc25a40	MmuINT0145687	chr5	8452827	8453191	+	0.03599
Slc25a40	MmuINT0145688	chr5	8427268	8427407	+	0.043617
Slc25a40	MmuINT0145694	chr5	8443786	8447297	+	0.010154
Slc25a40	MmuINT0145695	chr5	8447408	8449612	+	0.024248
Slc25a42	MmuINT0145703	chr8	72715866	72718022	-	0.016114
Slc25a42	MmuINT0145704	chr8	72713988	72715759	-	0.031101
Slc25a42	MmuINT0145705	chr8	72713477	72713961	-	0.094952
Slc25a42	MmuINT0145706	chr8	72712849	72713309	-	0.153601
Slc25a42	MmuINT0145707	chr8	72712351	72712731	-	0.010189
Slc25a42	MmuINT0145708	chr8	72710676	72712198	-	0.062904
Slc25a44	MmuINT0145713	chr3	88220038	88224422	-	0.033355
Slc25a44	MmuINT0145714	chr3	88216820	88219909	-	0.048535
Slc25a45	MmuINT0145720	chr19	5880626	5884344	+	0.146279
Slc25a45	MmuINT0145721	chr19	5884604	5884722	+	0.111399
Slc25a46	MmuINT0145723	chr18	31765465	31766875	-	0.006032
Slc25a46	MmuINT0145725	chr18	31759887	31762376	-	0.011756
Slc25a46	MmuINT0145726	chr18	31756750	31759785	-	0.004957
Slc25a46	MmuINT0145727	chr18	31754289	31756692	-	0.008328
Slc25a46	MmuINT0145728	chr18	31743424	31754230	-	0.007405
Slc25a47	MmuINT0145731	chr12	1.1E+08	1.1E+08	+	0.069845
Slc25a47	MmuINT0145732	chr12	1.1E+08	1.1E+08	+	0.105629
Slc25a47	MmuINT0145733	chr12	1.1E+08	1.1E+08	+	0.088394
Slc26a10	MmuINT0145746	chr10	1.27E+08	1.27E+08	-	0.023264
Slc26a10	MmuINT0145747	chr10	1.27E+08	1.27E+08	-	0.83494
Slc26a10	MmuINT0145748	chr10	1.27E+08	1.27E+08	-	0.083073
Slc26a10	MmuINT0145749	chr10	1.27E+08	1.27E+08	-	0.309611
Slc26a10	MmuINT0145750	chr10	1.27E+08	1.27E+08	-	0.15551
Slc26a10	MmuINT0145751	chr10	1.27E+08	1.27E+08	-	0.355506
Slc26a10	MmuINT0145752	chr10	1.27E+08	1.27E+08	-	0.273847
Slc26a10	MmuINT0145753	chr10	1.27E+08	1.27E+08	-	0.028675
Slc26a10	MmuINT0145754	chr10	1.27E+08	1.27E+08	-	0.013136
Slc26a10	MmuINT0145755	chr10	1.27E+08	1.27E+08	-	0.02241

Slc26a10	MmuINT0145757	chr10	1.27E+08	1.27E+08	-	0.184274
Slc26a10	MmuINT0145758	chr10	1.27E+08	1.27E+08	-	0.025642
Slc26a10	MmuINT0145759	chr10	1.27E+08	1.27E+08	-	0.010332
Slc26a10	MmuINT0145760	chr10	1.27E+08	1.27E+08	-	0.251851
Slc26a10	MmuINT0145761	chr10	1.27E+08	1.27E+08	-	0.08571
Slc26a11	MmuINT0145764	chr11	1.19E+08	1.19E+08	+	0.282253
Slc26a11	MmuINT0145765	chr11	1.19E+08	1.19E+08	+	0.150391
Slc26a11	MmuINT0145766	chr11	1.19E+08	1.19E+08	+	0.127446
Slc26a11	MmuINT0145767	chr11	1.19E+08	1.19E+08	+	0.086408
Slc26a11	MmuINT0145768	chr11	1.19E+08	1.19E+08	+	0.059365
Slc26a11	MmuINT0145769	chr11	1.19E+08	1.19E+08	+	0.081941
Slc26a11	MmuINT0145773	chr11	1.19E+08	1.19E+08	+	0.179808
Slc26a11	MmuINT0145774	chr11	1.19E+08	1.19E+08	+	0.037774
Slc26a11	MmuINT0145775	chr11	1.19E+08	1.19E+08	+	0.059918
Slc26a2	MmuINT0145778	chr18	61364100	61371051	-	0.048556
Slc26a2	MmuINT0145779	chr18	61362058	61363963	-	0.057697
Slc26a2	MmuINT0145780	chr18	61359313	61361334	-	0.047518
Slc26a6	MmuINT0145843	chr9	1.09E+08	1.09E+08	+	0.03107
Slc26a6	MmuINT0145844	chr9	1.09E+08	1.09E+08	+	0.032693
Slc26a6	MmuINT0145846	chr9	1.09E+08	1.09E+08	+	0.034202
Slc26a6	MmuINT0145847	chr9	1.09E+08	1.09E+08	+	0.023146
Slc26a6	MmuINT0145848	chr9	1.09E+08	1.09E+08	+	0.041802
Slc26a6	MmuINT0145850	chr9	1.09E+08	1.09E+08	+	0.014839
Slc27a1	MmuINT0145897	chr8	74092923	74093240	+	0.255667
Slc27a1	MmuINT0145898	chr8	74108446	74108531	+	0.003335
Slc27a1	MmuINT0145899	chr8	74108670	74108740	+	0.074596
Slc27a1	MmuINT0145900	chr8	74108906	74109244	+	0.172955
Slc27a1	MmuINT0145901	chr8	74109392	74109800	+	0.002273
Slc27a1	MmuINT0145902	chr8	74093348	74094619	+	0.65748
Slc27a1	MmuINT0145903	chr8	74094788	74103302	+	0.042199
Slc27a1	MmuINT0145904	chr8	74103698	74103805	+	0.046325
Slc27a1	MmuINT0145905	chr8	74103968	74104043	+	0.003204
Slc27a1	MmuINT0145906	chr8	74104114	74104508	+	0.00322
Slc27a1	MmuINT0145907	chr8	74104601	74104665	+	0.101061
Slc27a1	MmuINT0145908	chr8	74104776	74108016	+	0.067437
Slc27a1	MmuINT0145909	chr8	74108227	74108318	+	0.002213
Slc27a4	MmuINT0145928	chr2	29658481	29659679	+	0.024923
Slc27a4	MmuINT0145929	chr2	29667923	29668071	+	0.011674
Slc27a4	MmuINT0145930	chr2	29668237	29668307	+	0.026845
Slc27a4	MmuINT0145931	chr2	29668455	29671095	+	0.011624
Slc27a4	MmuINT0145932	chr2	29659847	29661135	+	0.012059
Slc27a4	MmuINT0145933	chr2	29661531	29662875	+	0.031011
Slc27a4	MmuINT0145934	chr2	29663035	29665181	+	0.016791
Slc27a4	MmuINT0145935	chr2	29665252	29665355	+	0.012503
Slc27a4	MmuINT0145936	chr2	29665448	29666380	+	0.012045
Slc27a4	MmuINT0145937	chr2	29666491	29666705	+	0.029393
Slc27a4	MmuINT0145938	chr2	29666916	29667088	+	0.008794
Slc27a4	MmuINT0145939	chr2	29667216	29667784	+	0.008637
Slc28a2	MmuINT0145977	chr2	1.22E+08	1.22E+08	+	0.008726
Slc28a2	MmuINT0145986	chr2	1.22E+08	1.22E+08	+	0.00562

Slc28a2	MmuINT0145989	chr2	1.22E+08	1.22E+08	+	0.007798
Slc29a1	MmuINT0146010	chr17	45727288	45729127	-	0.018503
Slc29a1	MmuINT0146011	chr17	45723255	45724176	-	0.036521
Slc29a1	MmuINT0146012	chr17	45722732	45723042	-	0.013166
Slc29a1	MmuINT0146013	chr17	45727075	45727205	-	0.019675
Slc29a1	MmuINT0146014	chr17	45726770	45726871	-	0.011944
Slc29a1	MmuINT0146015	chr17	45726498	45726629	-	0.114082
Slc29a1	MmuINT0146016	chr17	45726255	45726362	-	0.005845
Slc29a1	MmuINT0146017	chr17	45726024	45726156	-	0.017429
Slc29a1	MmuINT0146018	chr17	45725336	45725950	-	0.151868
Slc29a1	MmuINT0146019	chr17	45724620	45725237	-	0.03371
Slc29a1	MmuINT0146020	chr17	45724263	45724510	-	0.046248
Slc29a2	MmuINT0146021	chr19	5024278	5024510	+	0.097748
Slc29a2	MmuINT0146022	chr19	5029495	5030287	+	0.153997
Slc29a2	MmuINT0146023	chr19	5030491	5031001	+	0.142988
Slc29a2	MmuINT0146024	chr19	5024593	5026027	+	0.1757
Slc29a2	MmuINT0146025	chr19	5026189	5026357	+	0.054566
Slc29a2	MmuINT0146026	chr19	5026498	5027024	+	0.031763
Slc29a2	MmuINT0146027	chr19	5027160	5027342	+	0.040933
Slc29a2	MmuINT0146028	chr19	5027441	5027679	+	0.040919
Slc29a2	MmuINT0146029	chr19	5027765	5028840	+	0.133139
Slc29a2	MmuINT0146030	chr19	5028972	5029211	+	0.083805
Slc29a2	MmuINT0146031	chr19	5029321	5029408	+	0.017819
Slc2a1	MmuINT0146047	chr4	1.19E+08	1.19E+08	+	0.023958
Slc2a1	MmuINT0146048	chr4	1.19E+08	1.19E+08	+	0.016003
Slc2a1	MmuINT0146049	chr4	1.19E+08	1.19E+08	+	0.01177
Slc2a1	MmuINT0146050	chr4	1.19E+08	1.19E+08	+	0.011649
Slc2a1	MmuINT0146051	chr4	1.19E+08	1.19E+08	+	0.01982
Slc2a1	MmuINT0146052	chr4	1.19E+08	1.19E+08	+	0.011346
Slc2a1	MmuINT0146053	chr4	1.19E+08	1.19E+08	+	0.01008
Slc2a1	MmuINT0146054	chr4	1.19E+08	1.19E+08	+	0.022645
Slc2a1	MmuINT0146055	chr4	1.19E+08	1.19E+08	+	0.010256
Slc2a4	MmuINT0146092	chr11	69760187	69761450	-	0.014892
Slc2a4	MmuINT0146093	chr11	69757075	69757560	-	0.010318
Slc2a4	MmuINT0146094	chr11	69759961	69760069	-	0.001183
Slc2a4	MmuINT0146095	chr11	69759696	69759787	-	0.011889
Slc2a4	MmuINT0146096	chr11	69759456	69759570	-	0.011442
Slc2a4	MmuINT0146097	chr11	69759228	69759339	-	0.001225
Slc2a4	MmuINT0146098	chr11	69758959	69759064	-	0.001209
Slc2a4	MmuINT0146099	chr11	69758609	69758770	-	0.006247
Slc2a4	MmuINT0146100	chr11	69758391	69758503	-	0.009808
Slc2a4	MmuINT0146101	chr11	69757765	69758288	-	0.01832
Slc2a8	MmuINT0146135	chr2	32837404	32837477	-	0.029071
Slc2a8	MmuINT0146136	chr2	32837088	32837240	-	0.104203
Slc2a8	MmuINT0146137	chr2	32835622	32836880	-	0.016418
Slc2a8	MmuINT0146138	chr2	32832581	32835521	-	0.027661
Slc2a8	MmuINT0146139	chr2	32831801	32832380	-	0.036943
Slc2a8	MmuINT0146140	chr2	32831549	32831656	-	0.059578
Slc2a8	MmuINT0146141	chr2	32831005	32831439	-	0.127883
Slc2a8	MmuINT0146142	chr2	32830504	32830833	-	0.040634



Slc2a8	MmuINT0146143	chr2	32829253	32830357	-	0.044666
Slc30a1	MmuINT0146158	chr1	1.94E+08	1.94E+08	+	0.024689
Slc30a4	MmuINT0146176	chr2	1.23E+08	1.23E+08	-	0.062475
Slc30a4	MmuINT0146177	chr2	1.23E+08	1.23E+08	-	0.035203
Slc30a4	MmuINT0146178	chr2	1.23E+08	1.23E+08	-	0.048697
Slc30a4	MmuINT0146179	chr2	1.23E+08	1.23E+08	-	0.059187
Slc30a4	MmuINT0146180	chr2	1.23E+08	1.23E+08	-	0.051008
Slc30a4	MmuINT0146181	chr2	1.23E+08	1.23E+08	-	0.07688
Slc30a5	MmuINT0146182	chr13	1.02E+08	1.02E+08	-	0.036541
Slc30a5	MmuINT0146183	chr13	1.02E+08	1.02E+08	-	0.013924
Slc30a5	MmuINT0146184	chr13	1.02E+08	1.02E+08	-	0.014411
Slc30a5	MmuINT0146185	chr13	1.02E+08	1.02E+08	-	0.011088
Slc30a5	MmuINT0146186	chr13	1.02E+08	1.02E+08	-	0.019979
Slc30a5	MmuINT0146187	chr13	1.02E+08	1.02E+08	-	0.011073
Slc30a5	MmuINT0146188	chr13	1.02E+08	1.02E+08	-	0.009053
Slc30a5	MmuINT0146189	chr13	1.02E+08	1.02E+08	-	0.016585
Slc30a5	MmuINT0146190	chr13	1.02E+08	1.02E+08	-	0.031204
Slc30a5	MmuINT0146191	chr13	1.02E+08	1.02E+08	-	0.036336
Slc30a5	MmuINT0146192	chr13	1.02E+08	1.02E+08	-	0.019883
Slc30a5	MmuINT0146193	chr13	1.02E+08	1.02E+08	-	0.016723
Slc30a5	MmuINT0146194	chr13	1.02E+08	1.02E+08	-	0.01472
Slc30a5	MmuINT0146195	chr13	1.02E+08	1.02E+08	-	0.02142
Slc30a5	MmuINT0146196	chr13	1.02E+08	1.02E+08	-	0.022739
Slc30a6	MmuINT0146198	chr17	74812067	74814959	+	0.022404
Slc30a6	MmuINT0146199	chr17	74815063	74817959	+	0.105697
Slc30a6	MmuINT0146200	chr17	74818008	74818871	+	0.051062
Slc30a6	MmuINT0146201	chr17	74818941	74822356	+	0.047548
Slc30a6	MmuINT0146202	chr17	74801339	74803343	+	0.030064
Slc30a6	MmuINT0146203	chr17	74803429	74805024	+	0.039052
Slc30a6	MmuINT0146204	chr17	74805068	74806560	+	0.050261
Slc30a6	MmuINT0146205	chr17	74806627	74808185	+	0.044949
Slc30a6	MmuINT0146206	chr17	74808267	74808692	+	0.030801
Slc30a6	MmuINT0146207	chr17	74808729	74809673	+	0.148764
Slc30a6	MmuINT0146208	chr17	74809769	74811613	+	0.096651
Slc30a6	MmuINT0146209	chr17	74811663	74811946	+	0.085299
Slc30a7	MmuINT0146210	chr3	1.16E+08	1.16E+08	-	0.048575
Slc30a7	MmuINT0146211	chr3	1.16E+08	1.16E+08	-	0.027419
Slc30a7	MmuINT0146212	chr3	1.16E+08	1.16E+08	-	0.036558
Slc30a7	MmuINT0146213	chr3	1.16E+08	1.16E+08	-	0.073619
Slc30a7	MmuINT0146214	chr3	1.16E+08	1.16E+08	-	0.048344
Slc30a7	MmuINT0146215	chr3	1.16E+08	1.16E+08	-	0.043931
Slc30a7	MmuINT0146216	chr3	1.16E+08	1.16E+08	-	0.038921
Slc30a7	MmuINT0146217	chr3	1.16E+08	1.16E+08	-	0.051511
Slc30a7	MmuINT0146218	chr3	1.16E+08	1.16E+08	-	0.049033
Slc30a7	MmuINT0146219	chr3	1.16E+08	1.16E+08	-	0.040039
Slc30a9	MmuINT0146227	chr5	67698437	67706916	+	0.006534
Slc30a9	MmuINT0146228	chr5	67731246	67733332	+	0.006688
Slc30a9	MmuINT0146229	chr5	67733469	67735768	+	0.071739
Slc30a9	MmuINT0146230	chr5	67735809	67736864	+	0.004312
Slc30a9	MmuINT0146231	chr5	67736937	67737364	+	0.008491

Slc30a9	MmuINT0146232	chr5	67737473	67739158	+	0.002972
Slc30a9	MmuINT0146233	chr5	67739325	67741020	+	0.0018
Slc30a9	MmuINT0146234	chr5	67741151	67743890	+	0.002353
Slc30a9	MmuINT0146235	chr5	67744005	67745770	+	0.005915
Slc30a9	MmuINT0146236	chr5	67707085	67715912	+	0.003212
Slc30a9	MmuINT0146237	chr5	67715973	67718091	+	0.004216
Slc30a9	MmuINT0146238	chr5	67718192	67718936	+	0.002895
Slc30a9	MmuINT0146239	chr5	67719030	67719680	+	0.002527
Slc30a9	MmuINT0146240	chr5	67719764	67721131	+	0.003757
Slc30a9	MmuINT0146241	chr5	67721191	67724292	+	0.006283
Slc30a9	MmuINT0146242	chr5	67724361	67725804	+	0.004123
Slc30a9	MmuINT0146243	chr5	67725908	67731189	+	0.003339
Slc31a1	MmuINT0146244	chr4	62021878	62046525	+	0.006922
Slc31a1	MmuINT0146245	chr4	62046713	62047124	+	0.00995
Slc31a1	MmuINT0146246	chr4	62047198	62048900	+	0.014868
Slc31a1	MmuINT0146247	chr4	62049070	62049631	+	0.009651
Slc31a2	MmuINT0146248	chr4	61947609	61953665	+	0.027716
Slc31a2	MmuINT0146249	chr4	61953733	61956920	+	0.287018
Slc31a2	MmuINT0146250	chr4	61957111	61958008	+	0.369548
Slc33a1	MmuINT0146252	chr3	63757927	63767337	-	0.05834
Slc33a1	MmuINT0146253	chr3	63752179	63757735	-	0.047703
Slc33a1	MmuINT0146254	chr3	63751609	63751993	-	0.018318
Slc33a1	MmuINT0146255	chr3	63748704	63751490	-	0.028601
Slc33a1	MmuINT0146256	chr3	63747339	63748487	-	0.015772
Slc35a1	MmuINT0146293	chr4	34630712	34634492	-	0.028105
Slc35a1	MmuINT0146294	chr4	34622881	34630533	-	0.01386
Slc35a1	MmuINT0146295	chr4	34622432	34622720	-	0.016508
Slc35a1	MmuINT0146296	chr4	34619096	34622278	-	0.034095
Slc35a1	MmuINT0146297	chr4	34616913	34619028	-	0.026714
Slc35a1	MmuINT0146298	chr4	34616310	34616735	-	0.025011
Slc35a1	MmuINT0146299	chr4	34611480	34616174	-	0.042736
Slc35a2	MmuINT0146300	chrX	7461560	7462874	+	0.063294
Slc35a2	MmuINT0146301	chrX	7463058	7466737	+	0.035459
Slc35a2	MmuINT0146302	chrX	7466890	7469265	+	0.033028
Slc35a3	MmuINT0146303	chr3	1.16E+08	1.16E+08	-	0.049989
Slc35a3	MmuINT0146304	chr3	1.16E+08	1.16E+08	-	0.038349
Slc35a3	MmuINT0146305	chr3	1.16E+08	1.16E+08	-	0.024489
Slc35a3	MmuINT0146306	chr3	1.16E+08	1.16E+08	-	0.026318
Slc35a3	MmuINT0146307	chr3	1.16E+08	1.16E+08	-	0.019126
Slc35a3	MmuINT0146308	chr3	1.16E+08	1.16E+08	-	0.186448
Slc35a4	MmuINT0146311	chr18	36839278	36840169	+	0.054445
Slc35a5	MmuINT0146312	chr16	45157760	45158494	-	0.034008
Slc35a5	MmuINT0146313	chr16	45152789	45157573	-	0.035351
Slc35a5	MmuINT0146314	chr16	45151700	45152689	-	0.05019
Slc35a5	MmuINT0146315	chr16	45147449	45151565	-	0.034837
Slc35a5	MmuINT0146316	chr16	45144515	45147380	-	0.063882
Slc35a5	MmuINT0146317	chr16	45142326	45143733	-	0.066927
Slc35b1	MmuINT0146318	chr11	95246428	95247114	+	0.019847
Slc35b1	MmuINT0146319	chr11	95247219	95247799	+	0.120036
Slc35b1	MmuINT0146320	chr11	95247931	95248524	+	0.072537

Slc35b1	MmuINT0146321	chr11	95248556	95249083	+	0.037916
Slc35b1	MmuINT0146322	chr11	95249242	95250393	+	0.018875
Slc35b1	MmuINT0146323	chr11	95250521	95251591	+	0.019898
Slc35b1	MmuINT0146324	chr11	95251699	95251838	+	0.006032
Slc35b1	MmuINT0146325	chr11	95251993	95252801	+	0.01946
Slc35b2	MmuINT0146326	chr17	45701723	45701873	+	0.027238
Slc35b2	MmuINT0146327	chr17	45702029	45703257	+	0.021333
Slc35b3	MmuINT0146330	chr13	39046100	39047517	-	0.055824
Slc35b3	MmuINT0146333	chr13	39031842	39034927	-	0.051021
Slc35b3	MmuINT0146334	chr13	39029709	39031743	-	0.286089
Slc35b3	MmuINT0146335	chr13	39029223	39029615	-	0.074893
Slc35b3	MmuINT0146337	chr13	39024786	39026606	-	0.3981
Slc35b4	MmuINT0146339	chr6	34117728	34120460	-	0.060422
Slc35b4	MmuINT0146340	chr6	34116424	34117624	-	0.062433
Slc35b4	MmuINT0146341	chr6	34113671	34116373	-	0.182635
Slc35b4	MmuINT0146342	chr6	34113390	34113588	-	0.114572
Slc35b4	MmuINT0146343	chr6	34111786	34113328	-	0.040357
Slc35b4	MmuINT0146344	chr6	34110549	34111675	-	0.054137
Slc35b4	MmuINT0146345	chr6	34109509	34110472	-	0.054893
Slc35b4	MmuINT0146346	chr6	34108627	34109432	-	0.041677
Slc35c1	MmuINT0146347	chr2	92294932	92298823	-	0.037187
Slc35c2	MmuINT0146349	chr2	1.65E+08	1.65E+08	-	0.012101
Slc35c2	MmuINT0146351	chr2	1.65E+08	1.65E+08	-	0.035796
Slc35c2	MmuINT0146352	chr2	1.65E+08	1.65E+08	-	0.036481
Slc35c2	MmuINT0146353	chr2	1.65E+08	1.65E+08	-	0.047811
Slc35c2	MmuINT0146354	chr2	1.65E+08	1.65E+08	-	0.050037
Slc35c2	MmuINT0146355	chr2	1.65E+08	1.65E+08	-	0.021801
Slc35c2	MmuINT0146356	chr2	1.65E+08	1.65E+08	-	0.043092
Slc35c2	MmuINT0146357	chr2	1.65E+08	1.65E+08	-	0.008943
Slc35d1	MmuINT0146364	chr4	1.03E+08	1.03E+08	-	0.054255
Slc35d1	MmuINT0146366	chr4	1.03E+08	1.03E+08	-	0.150965
Slc35e1	MmuINT0146379	chr8	75015812	75016064	-	0.007379
Slc35e1	MmuINT0146380	chr8	75013489	75015740	-	0.006309
Slc35e1	MmuINT0146381	chr8	75012146	75013350	-	0.004048
Slc35e1	MmuINT0146382	chr8	75008806	75012019	-	0.00694
Slc35e1	MmuINT0146383	chr8	75007893	75008559	-	0.006542
Slc35e2	MmuINT0146384	chr4	1.55E+08	1.55E+08	+	0.694826
Slc35e2	MmuINT0146385	chr4	1.55E+08	1.55E+08	+	0.220857
Slc35e2	MmuINT0146386	chr4	1.55E+08	1.55E+08	+	0.093928
Slc35e2	MmuINT0146387	chr4	1.55E+08	1.55E+08	+	0.087246
Slc35e2	MmuINT0146388	chr4	1.55E+08	1.55E+08	+	0.112718
Slc35e2	MmuINT0146390	chr4	1.55E+08	1.55E+08	+	0.156818
Slc35e2	MmuINT0146391	chr4	1.55E+08	1.55E+08	+	0.120538
Slc35e4	MmuINT0146396	chr11	3807988	3812571	-	0.050598
Slc35f5	MmuINT0146424	chr1	1.27E+08	1.27E+08	+	0.033318
Slc35f5	MmuINT0146425	chr1	1.27E+08	1.27E+08	+	0.006802
Slc35f5	MmuINT0146426	chr1	1.27E+08	1.27E+08	+	0.00214
Slc35f5	MmuINT0146427	chr1	1.27E+08	1.27E+08	+	0.007882
Slc35f5	MmuINT0146428	chr1	1.27E+08	1.27E+08	+	0.007764
Slc35f5	MmuINT0146429	chr1	1.27E+08	1.27E+08	+	0.004478

Slc35f5	MmuINT0146430	chr1	1.27E+08	1.27E+08	+	0.0036
Slc35f5	MmuINT0146431	chr1	1.27E+08	1.27E+08	+	0.002203
Slc35f5	MmuINT0146432	chr1	1.27E+08	1.27E+08	+	0.002001
Slc35f5	MmuINT0146433	chr1	1.27E+08	1.27E+08	+	0.002203
Slc35f5	MmuINT0146434	chr1	1.27E+08	1.27E+08	+	0.003209
Slc35f5	MmuINT0146435	chr1	1.27E+08	1.27E+08	+	0.003058
Slc35f5	MmuINT0146436	chr1	1.27E+08	1.27E+08	+	0.002215
Slc35f5	MmuINT0146437	chr1	1.27E+08	1.27E+08	+	0.001898
Slc35f5	MmuINT0146438	chr1	1.27E+08	1.27E+08	+	0.004071
Slc36a1	MmuINT0146439	chr11	55017991	55027431	+	0.037119
Slc36a1	MmuINT0146440	chr11	55041859	55045868	+	0.033722
Slc36a1	MmuINT0146441	chr11	55027577	55032509	+	0.038586
Slc36a1	MmuINT0146442	chr11	55032601	55033081	+	0.136803
Slc36a1	MmuINT0146443	chr11	55033171	55033877	+	0.035525
Slc36a1	MmuINT0146444	chr11	55033974	55035498	+	0.040201
Slc36a1	MmuINT0146445	chr11	55035584	55037100	+	0.029614
Slc36a1	MmuINT0146446	chr11	55037320	55038456	+	0.066751
Slc36a1	MmuINT0146447	chr11	55038556	55039467	+	0.118393
Slc36a1	MmuINT0146448	chr11	55039635	55041688	+	0.045996
Slc36a2	MmuINT0146449	chr11	54995138	54998312	-	0.009155
Slc36a2	MmuINT0146453	chr11	54983575	54988169	-	0.006007
Slc36a2	MmuINT0146454	chr11	54982431	54983355	-	0.008979
Slc36a2	MmuINT0146455	chr11	54977902	54982331	-	0.163724
Slc36a2	MmuINT0146456	chr11	54976318	54977734	-	0.017112
Slc36a2	MmuINT0146457	chr11	54973118	54976147	-	0.004365
Slc36a4	MmuINT0146472	chr9	15526466	15527957	+	0.060861
Slc36a4	MmuINT0146473	chr9	15528054	15528964	+	0.079322
Slc36a4	MmuINT0146475	chr9	15531483	15533144	+	0.058895
Slc36a4	MmuINT0146476	chr9	15533244	15538580	+	0.060463
Slc36a4	MmuINT0146477	chr9	15538751	15541315	+	0.056645
Slc37a2	MmuINT0146499	chr9	37049546	37062883	-	0.064055
Slc37a2	MmuINT0146500	chr9	37043129	37044463	-	0.05828
Slc37a2	MmuINT0146505	chr9	37041303	37041426	-	0.060966
Slc37a2	MmuINT0146507	chr9	37039242	37040894	-	0.048449
Slc37a2	MmuINT0146510	chr9	37047340	37048676	-	0.044133
Slc37a2	MmuINT0146511	chr9	37046793	37047203	-	0.050526
Slc37a2	MmuINT0146513	chr9	37045360	37045800	-	0.048373
Slc37a2	MmuINT0146514	chr9	37045038	37045321	-	0.067418
Slc37a3	MmuINT0146517	chr6	39295996	39297287	-	0.0489
Slc37a3	MmuINT0146518	chr6	39295342	39295893	-	0.01952
Slc37a3	MmuINT0146519	chr6	39294404	39295293	-	0.023028
Slc37a3	MmuINT0146520	chr6	39288814	39294251	-	0.054176
Slc37a3	MmuINT0146521	chr6	39287284	39288747	-	0.035574
Slc37a3	MmuINT0146522	chr6	39314611	39316887	-	0.025857
Slc37a3	MmuINT0146523	chr6	39310042	39314501	-	0.025299
Slc37a3	MmuINT0146524	chr6	39307483	39309948	-	0.031647
Slc37a3	MmuINT0146525	chr6	39305122	39307398	-	0.028123
Slc37a3	MmuINT0146526	chr6	39302750	39304975	-	0.021599
Slc37a3	MmuINT0146527	chr6	39300134	39302652	-	0.009323
Slc37a3	MmuINT0146528	chr6	39299518	39300048	-	0.022291

Slc37a3	MmuINT0146529	chr6	39297430	39299338	-	0.022238
Slc37a4	MmuINT0146530	chr9	44206705	44207331	+	0.059559
Slc37a4	MmuINT0146531	chr9	44207565	44207877	+	0.025945
Slc37a4	MmuINT0146532	chr9	44208122	44208571	+	0.012216
Slc37a4	MmuINT0146533	chr9	44208731	44208929	+	0.062231
Slc37a4	MmuINT0146534	chr9	44209016	44209503	+	0.05473
Slc37a4	MmuINT0146535	chr9	44209618	44210155	+	0.533671
Slc37a4	MmuINT0146536	chr9	44210295	44210384	+	0.007189
Slc38a1	MmuINT0146538	chr15	96416061	96417292	-	0.036269
Slc38a1	MmuINT0146539	chr15	96414876	96415980	-	0.040638
Slc38a1	MmuINT0146540	chr15	96409865	96414774	-	0.056497
Slc38a1	MmuINT0146541	chr15	96409294	96409745	-	0.037829
Slc38a1	MmuINT0146542	chr15	96409059	96409151	-	0.028517
Slc38a1	MmuINT0146544	chr15	96446649	96454386	-	0.026766
Slc38a1	MmuINT0146545	chr15	96440403	96446572	-	0.033755
Slc38a1	MmuINT0146546	chr15	96423012	96440286	-	0.032
Slc38a1	MmuINT0146547	chr15	96420944	96422937	-	0.034563
Slc38a1	MmuINT0146548	chr15	96420573	96420850	-	0.035401
Slc38a1	MmuINT0146549	chr15	96419442	96420490	-	0.058795
Slc38a1	MmuINT0146550	chr15	96417582	96419358	-	0.050637
Slc38a1	MmuINT0146551	chr15	96417404	96417522	-	0.04871
Slc38a10	MmuINT0146555	chr11	1.2E+08	1.2E+08	-	0.019654
Slc38a10	MmuINT0146556	chr11	1.2E+08	1.2E+08	-	0.003794
Slc38a10	MmuINT0146557	chr11	1.2E+08	1.2E+08	-	0.002915
Slc38a10	MmuINT0146558	chr11	1.2E+08	1.2E+08	-	0.112313
Slc38a10	MmuINT0146559	chr11	1.2E+08	1.2E+08	-	0.009854
Slc38a10	MmuINT0146561	chr11	1.2E+08	1.2E+08	-	0.007448
Slc38a10	MmuINT0146562	chr11	1.2E+08	1.2E+08	-	0.010844
Slc38a10	MmuINT0146563	chr11	1.2E+08	1.2E+08	-	0.030508
Slc38a10	MmuINT0146564	chr11	1.2E+08	1.2E+08	-	0.006646
Slc38a10	MmuINT0146565	chr11	1.2E+08	1.2E+08	-	0.024811
Slc38a10	MmuINT0146566	chr11	1.2E+08	1.2E+08	-	0.003585
Slc38a10	MmuINT0146567	chr11	1.2E+08	1.2E+08	-	0.004618
Slc38a10	MmuINT0146568	chr11	1.2E+08	1.2E+08	-	0.004114
Slc38a2	MmuINT0146585	chr15	96523029	96523447	-	0.003088
Slc38a2	MmuINT0146586	chr15	96522846	96522948	-	0.005983
Slc38a2	MmuINT0146587	chr15	96522235	96522744	-	0.005401
Slc38a2	MmuINT0146588	chr15	96521873	96522109	-	0.008456
Slc38a2	MmuINT0146589	chr15	96521638	96521727	-	0.005427
Slc38a2	MmuINT0146590	chr15	96520660	96521539	-	0.0252
Slc38a2	MmuINT0146591	chr15	96528695	96529045	-	0.002575
Slc38a2	MmuINT0146592	chr15	96528469	96528612	-	0.037595
Slc38a2	MmuINT0146593	chr15	96525941	96528352	-	0.065731
Slc38a2	MmuINT0146594	chr15	96525740	96525866	-	0.003429
Slc38a2	MmuINT0146595	chr15	96525526	96525646	-	0.017292
Slc38a2	MmuINT0146596	chr15	96524070	96525443	-	0.031594
Slc38a2	MmuINT0146597	chr15	96523771	96523986	-	0.004325
Slc38a2	MmuINT0146598	chr15	96523607	96523711	-	0.003863
Slc38a3	MmuINT0146599	chr9	1.08E+08	1.08E+08	-	0.739554
Slc38a3	MmuINT0146600	chr9	1.08E+08	1.08E+08	-	0.097355

Slc38a3	MmuINT0146601	chr9	1.08E+08	1.08E+08	-	0.225213
Slc38a3	MmuINT0146602	chr9	1.08E+08	1.08E+08	-	0.250452
Slc38a3	MmuINT0146603	chr9	1.08E+08	1.08E+08	-	0.021534
Slc38a3	MmuINT0146604	chr9	1.08E+08	1.08E+08	-	0.020684
Slc38a3	MmuINT0146605	chr9	1.08E+08	1.08E+08	-	0.003668
Slc38a3	MmuINT0146606	chr9	1.08E+08	1.08E+08	-	0.005386
Slc38a3	MmuINT0146607	chr9	1.08E+08	1.08E+08	-	0.075429
Slc38a3	MmuINT0146608	chr9	1.08E+08	1.08E+08	-	0.021182
Slc38a3	MmuINT0146609	chr9	1.08E+08	1.08E+08	-	0.008172
Slc38a3	MmuINT0146610	chr9	1.08E+08	1.08E+08	-	0.00687
Slc38a3	MmuINT0146611	chr9	1.08E+08	1.08E+08	-	0.137696
Slc38a3	MmuINT0146612	chr9	1.08E+08	1.08E+08	-	0.00693
Slc38a3	MmuINT0146613	chr9	1.08E+08	1.08E+08	-	0.314342
Slc38a4	MmuINT0146614	chr15	96850293	96886285	-	0.023181
Slc38a4	MmuINT0146615	chr15	96839169	96839293	-	0.019494
Slc38a4	MmuINT0146616	chr15	96838945	96839088	-	0.018725
Slc38a4	MmuINT0146617	chr15	96836376	96838843	-	0.023548
Slc38a4	MmuINT0146618	chr15	96830065	96836250	-	0.017593
Slc38a4	MmuINT0146619	chr15	96828972	96829919	-	0.018159
Slc38a4	MmuINT0146620	chr15	96827523	96828873	-	0.016333
Slc38a4	MmuINT0146621	chr15	96847283	96850154	-	0.027484
Slc38a4	MmuINT0146622	chr15	96846675	96847191	-	0.020781
Slc38a4	MmuINT0146623	chr15	96843943	96846558	-	0.020734
Slc38a4	MmuINT0146624	chr15	96843424	96843868	-	0.021505
Slc38a4	MmuINT0146625	chr15	96840797	96843330	-	0.022471
Slc38a4	MmuINT0146626	chr15	96840629	96840714	-	0.027236
Slc38a4	MmuINT0146627	chr15	96840437	96840545	-	0.032582
Slc38a4	MmuINT0146628	chr15	96839570	96840377	-	0.027775
Slc38a6	MmuINT0146648	chr12	74451626	74452737	+	0.055245
Slc38a6	MmuINT0146649	chr12	74452883	74453065	+	0.053724
Slc38a6	MmuINT0146650	chr12	74453161	74453443	+	0.055164
Slc38a6	MmuINT0146651	chr12	74389511	74393146	+	0.054119
Slc38a7	MmuINT0146660	chr8	98364369	98365421	-	0.023609
Slc38a7	MmuINT0146661	chr8	98361572	98364313	-	0.216954
Slc38a7	MmuINT0146662	chr8	98372669	98376701	-	0.015086
Slc38a7	MmuINT0146665	chr8	98368887	98369698	-	0.142321
Slc38a7	MmuINT0146666	chr8	98368062	98368787	-	0.053008
Slc38a7	MmuINT0146667	chr8	98367775	98368003	-	0.070252
Slc38a7	MmuINT0146668	chr8	98366224	98367659	-	0.050236
Slc38a7	MmuINT0146669	chr8	98365622	98366075	-	0.156074
Slc38a9	MmuINT0146680	chr13	1.13E+08	1.13E+08	+	0.029368
Slc38a9	MmuINT0146681	chr13	1.13E+08	1.14E+08	+	0.013854
Slc38a9	MmuINT0146682	chr13	1.14E+08	1.14E+08	+	0.021589
Slc38a9	MmuINT0146683	chr13	1.14E+08	1.14E+08	+	0.013417
Slc38a9	MmuINT0146684	chr13	1.14E+08	1.14E+08	+	0.030682
Slc38a9	MmuINT0146685	chr13	1.14E+08	1.14E+08	+	0.023707
Slc38a9	MmuINT0146686	chr13	1.13E+08	1.13E+08	+	0.063644
Slc38a9	MmuINT0146687	chr13	1.13E+08	1.13E+08	+	0.021108
Slc38a9	MmuINT0146688	chr13	1.13E+08	1.13E+08	+	0.032009
Slc38a9	MmuINT0146689	chr13	1.13E+08	1.13E+08	+	0.056334

Slc38a9	MmuINT0146690	chr13	1.13E+08	1.13E+08	+	0.027346
Slc38a9	MmuINT0146691	chr13	1.13E+08	1.13E+08	+	0.045764
Slc38a9	MmuINT0146692	chr13	1.13E+08	1.13E+08	+	0.043092
Slc38a9	MmuINT0146693	chr13	1.13E+08	1.13E+08	+	0.01981
Slc39a1	MmuINT0146694	chr3	90052182	90052867	+	0.046239
Slc39a10	MmuINT0146697	chr1	46892997	46910315	-	0.075958
Slc39a10	MmuINT0146698	chr1	46889609	46891971	-	0.037363
Slc39a10	MmuINT0146699	chr1	46884358	46889400	-	0.051006
Slc39a10	MmuINT0146700	chr1	46883127	46884187	-	0.03232
Slc39a10	MmuINT0146701	chr1	46877489	46882937	-	0.040332
Slc39a10	MmuINT0146702	chr1	46876279	46877367	-	0.041752
Slc39a10	MmuINT0146703	chr1	46874989	46875909	-	0.050088
Slc39a11	MmuINT0146710	chr11	1.13E+08	1.13E+08	-	0.06424
Slc39a11	MmuINT0146712	chr11	1.13E+08	1.13E+08	-	0.056203
Slc39a11	MmuINT0146713	chr11	1.13E+08	1.13E+08	-	0.068133
Slc39a11	MmuINT0146714	chr11	1.13E+08	1.13E+08	-	0.085956
Slc39a13	MmuINT0146727	chr2	90908897	90910311	-	0.114408
Slc39a13	MmuINT0146728	chr2	90906284	90908587	-	0.054266
Slc39a13	MmuINT0146729	chr2	90905858	90906169	-	0.154547
Slc39a13	MmuINT0146730	chr2	90905165	90905738	-	0.04733
Slc39a13	MmuINT0146731	chr2	90904962	90905062	-	0.067255
Slc39a13	MmuINT0146732	chr2	90903864	90904871	-	0.057249
Slc39a13	MmuINT0146733	chr2	90903610	90903812	-	0.013454
Slc39a13	MmuINT0146734	chr2	90903321	90903476	-	0.016795
Slc39a13	MmuINT0146735	chr2	90903136	90903220	-	0.011154
Slc39a14	MmuINT0146739	chr14	70731174	70751086	-	0.028387
Slc39a14	MmuINT0146740	chr14	70718748	70731075	-	0.023285
Slc39a14	MmuINT0146741	chr14	70716432	70718468	-	0.004999
Slc39a14	MmuINT0146742	chr14	70713578	70716244	-	0.068825
Slc39a14	MmuINT0146743	chr14	70710783	70713407	-	0.04489
Slc39a14	MmuINT0146744	chr14	70710079	70710662	-	0.007623
Slc39a14	MmuINT0146745	chr14	70709773	70709889	-	0.010992
Slc39a14	MmuINT0146746	chr14	70708642	70709564	-	0.004783
Slc39a14	MmuINT0146747	chr14	70706620	70708456	-	0.004334
Slc39a3	MmuINT0146751	chr10	80494446	80496356	-	0.034286
Slc39a6	MmuINT0146775	chr18	24757915	24759315	-	0.054488
Slc39a6	MmuINT0146776	chr18	24756414	24757730	-	0.051961
Slc39a6	MmuINT0146777	chr18	24754986	24756243	-	0.049995
Slc39a6	MmuINT0146779	chr18	24744005	24748247	-	0.050114
Slc39a6	MmuINT0146780	chr18	24742602	24743626	-	0.062367
Slc39a6	MmuINT0146781	chr18	24741009	24742520	-	0.068479
Slc39a6	MmuINT0146782	chr18	24739579	24740817	-	0.045625
Slc39a7	MmuINT0146783	chr17	34168208	34168492	-	0.903301
Slc39a7	MmuINT0146784	chr17	34167367	34167510	-	0.024304
Slc39a7	MmuINT0146785	chr17	34167200	34167312	-	0.021099
Slc39a7	MmuINT0146786	chr17	34166929	34167034	-	0.004626
Slc39a7	MmuINT0146787	chr17	34166652	34166790	-	0.005064
Slc39a7	MmuINT0146788	chr17	34166014	34166454	-	0.010251
Slc39a9	MmuINT0146798	chr12	81745964	81763456	+	0.022161
Slc39a9	MmuINT0146799	chr12	81763566	81767521	+	0.017829

Slc39a9	MmuINT0146800	chr12	81767723	81774212	+	0.013484
Slc39a9	MmuINT0146801	chr12	81774282	81776835	+	0.055661
Slc39a9	MmuINT0146802	chr12	81776922	81778118	+	0.04876
Slc39a9	MmuINT0146803	chr12	81778254	81780461	+	0.077761
Slc3a2	MmuINT0146812	chr19	8786419	8787219	-	0.036843
Slc3a2	MmuINT0146813	chr19	8784274	8786323	-	0.035704
Slc3a2	MmuINT0146814	chr19	8784099	8784204	-	0.015277
Slc3a2	MmuINT0146815	chr19	8783901	8784039	-	0.010584
Slc3a2	MmuINT0146816	chr19	8783636	8783719	-	0.007213
Slc3a2	MmuINT0146817	chr19	8782768	8783494	-	0.029955
Slc3a2	MmuINT0146818	chr19	8782585	8782683	-	0.015393
Slc40a1	MmuINT0146819	chr1	45981630	45982065	-	0.013797
Slc40a1	MmuINT0146820	chr1	45978161	45981561	-	0.018666
Slc40a1	MmuINT0146821	chr1	45975846	45978000	-	0.016506
Slc40a1	MmuINT0146822	chr1	45975281	45975729	-	0.013585
Slc40a1	MmuINT0146823	chr1	45969327	45975153	-	0.019873
Slc40a1	MmuINT0146824	chr1	45968376	45969080	-	0.009618
Slc40a1	MmuINT0146825	chr1	45966565	45967736	-	0.010419
Slc41a1	MmuINT0146826	chr1	1.34E+08	1.34E+08	+	0.019987
Slc41a1	MmuINT0146827	chr1	1.34E+08	1.34E+08	+	0.007003
Slc41a1	MmuINT0146828	chr1	1.34E+08	1.34E+08	+	0.010133
Slc41a1	MmuINT0146829	chr1	1.34E+08	1.34E+08	+	0.008653
Slc41a1	MmuINT0146830	chr1	1.34E+08	1.34E+08	+	0.008862
Slc41a1	MmuINT0146831	chr1	1.34E+08	1.34E+08	+	0.005531
Slc41a1	MmuINT0146832	chr1	1.34E+08	1.34E+08	+	0.006206
Slc41a1	MmuINT0146833	chr1	1.34E+08	1.34E+08	+	0.009222
Slc41a1	MmuINT0146834	chr1	1.34E+08	1.34E+08	+	0.00663
Slc41a1	MmuINT0146835	chr1	1.34E+08	1.34E+08	+	0.020112
Slc41a3	MmuINT0146847	chr6	90555003	90561872	+	0.032961
Slc41a3	MmuINT0146848	chr6	90594228	90595562	+	0.020831
Slc41a3	MmuINT0146849	chr6	90562176	90574805	+	0.01887
Slc41a3	MmuINT0146850	chr6	90574914	90576373	+	0.00578
Slc41a3	MmuINT0146851	chr6	90576446	90583604	+	0.014771
Slc41a3	MmuINT0146852	chr6	90583750	90585243	+	0.005003
Slc41a3	MmuINT0146853	chr6	90585391	90586850	+	0.007039
Slc41a3	MmuINT0146854	chr6	90586996	90590877	+	0.007031
Slc41a3	MmuINT0146855	chr6	90590958	90592204	+	0.010522
Slc41a3	MmuINT0146856	chr6	90592340	90594078	+	0.010803
Slc43a2	MmuINT0146871	chr11	75380620	75381862	+	0.027377
Slc43a2	MmuINT0146872	chr11	75381993	75384072	+	0.069756
Slc43a2	MmuINT0146873	chr11	75384147	75385258	+	0.028826
Slc43a2	MmuINT0146874	chr11	75385383	75385816	+	0.019265
Slc43a2	MmuINT0146875	chr11	75346291	75356659	+	0.024204
Slc43a2	MmuINT0146876	chr11	75356868	75358183	+	0.030496
Slc43a2	MmuINT0146878	chr11	75359333	75374400	+	0.0525
Slc43a2	MmuINT0146879	chr11	75374494	75376273	+	0.033107
Slc43a2	MmuINT0146880	chr11	75376408	75376492	+	0.017643
Slc43a2	MmuINT0146881	chr11	75376696	75377063	+	0.022909
Slc43a2	MmuINT0146882	chr11	75377211	75380480	+	0.021189
Slc43a3	MmuINT0146883	chr2	84777007	84777679	+	0.506314



Slc43a3	MmuINT0146884	chr2	84790698	84795587	+	0.012701
Slc43a3	MmuINT0146885	chr2	84795775	84796428	+	0.057063
Slc43a3	MmuINT0146886	chr2	84796544	84797842	+	0.102494
Slc43a3	MmuINT0146887	chr2	84778027	84778379	+	0.072585
Slc43a3	MmuINT0146888	chr2	84778510	84781137	+	0.083754
Slc43a3	MmuINT0146889	chr2	84781185	84784398	+	0.152316
Slc43a3	MmuINT0146890	chr2	84784476	84784674	+	0.071673
Slc43a3	MmuINT0146891	chr2	84784768	84786996	+	0.006714
Slc43a3	MmuINT0146892	chr2	84787137	84788491	+	0.037819
Slc43a3	MmuINT0146893	chr2	84788590	84790129	+	0.006878
Slc43a3	MmuINT0146894	chr2	84790349	84790577	+	0.021683
Slc44a1	MmuINT0146897	chr4	53556580	53557412	+	0.008733
Slc44a1	MmuINT0146898	chr4	53557570	53558556	+	0.010339
Slc44a1	MmuINT0146899	chr4	53558641	53566357	+	0.006782
Slc44a1	MmuINT0146900	chr4	53566496	53573786	+	0.008267
Slc44a1	MmuINT0146901	chr4	53574024	53576012	+	0.013123
Slc44a1	MmuINT0146902	chr4	53576094	53634466	+	0.031096
Slc44a1	MmuINT0146903	chr4	53494426	53504259	+	0.011948
Slc44a1	MmuINT0146904	chr4	53504403	53530416	+	0.00969
Slc44a1	MmuINT0146905	chr4	53530554	53541526	+	0.010649
Slc44a1	MmuINT0146906	chr4	53541621	53549194	+	0.007264
Slc44a1	MmuINT0146907	chr4	53549365	53551261	+	0.016093
Slc44a1	MmuINT0146908	chr4	53551352	53554172	+	0.008554
Slc44a1	MmuINT0146909	chr4	53554313	53555236	+	0.008172
Slc44a1	MmuINT0146910	chr4	53555424	53556413	+	0.010007
Slc44a2	MmuINT0146911	chr9	21142407	21142884	+	0.00948
Slc44a2	MmuINT0146912	chr9	21147692	21149275	+	0.030098
Slc44a2	MmuINT0146913	chr9	21149408	21149736	+	0.007541
Slc44a2	MmuINT0146914	chr9	21149837	21149922	+	0.00413
Slc44a2	MmuINT0146915	chr9	21150016	21150352	+	0.012218
Slc44a2	MmuINT0146916	chr9	21150438	21151132	+	0.007208
Slc44a2	MmuINT0146917	chr9	21151396	21151478	+	0.004034
Slc44a2	MmuINT0146918	chr9	21151574	21152326	+	0.034088
Slc44a2	MmuINT0146919	chr9	21152431	21152518	+	0.003157
Slc44a2	MmuINT0146920	chr9	21152593	21152771	+	0.005834
Slc44a2	MmuINT0146921	chr9	21152843	21152981	+	0.012364
Slc44a2	MmuINT0146922	chr9	21142934	21146222	+	0.008376
Slc44a2	MmuINT0146923	chr9	21153071	21156910	+	0.00423
Slc44a2	MmuINT0146924	chr9	21156996	21158125	+	0.076369
Slc44a2	MmuINT0146925	chr9	21146297	21146382	+	0.00654
Slc44a2	MmuINT0146926	chr9	21146468	21146626	+	0.008123
Slc44a2	MmuINT0146927	chr9	21146712	21146838	+	0.003601
Slc44a2	MmuINT0146928	chr9	21146950	21147041	+	0.021906
Slc44a2	MmuINT0146929	chr9	21147103	21147186	+	0.009287
Slc44a2	MmuINT0146930	chr9	21147311	21147407	+	0.083942
Slc44a2	MmuINT0146931	chr9	21147492	21147578	+	0.004344
Slc45a3	MmuINT0147004	chr1	1.34E+08	1.34E+08	+	0.080857
Slc45a4	MmuINT0147008	chr15	73418155	73419815	-	0.028331
Slc45a4	MmuINT0147009	chr15	73417516	73417974	-	0.020794
Slc45a4	MmuINT0147011	chr15	73414980	73415717	-	0.012376

Slc46a3	MmuINT0147022	chr5	1.49E+08	1.49E+08	-	0.028335
Slc46a3	MmuINT0147023	chr5	1.49E+08	1.49E+08	-	0.125187
Slc46a3	MmuINT0147024	chr5	1.49E+08	1.49E+08	-	0.080523
Slc47a1	MmuINT0147026	chr11	61173131	61176188	-	0.012518
Slc47a1	MmuINT0147027	chr11	61172930	61173021	-	0.004302
Slc47a1	MmuINT0147028	chr11	61166638	61172853	-	0.005849
Slc47a1	MmuINT0147029	chr11	61166297	61166567	-	0.004888
Slc47a1	MmuINT0147030	chr11	61163042	61166163	-	0.015448
Slc47a1	MmuINT0147031	chr11	61162234	61162946	-	0.031752
Slc47a1	MmuINT0147032	chr11	61158031	61162160	-	0.013145
Slc47a1	MmuINT0147038	chr11	61176623	61176895	-	0.003802
Slc47a1	MmuINT0147039	chr11	61176443	61176524	-	0.004841
Slc47a1	MmuINT0147040	chr11	61176257	61176328	-	0.010854
Slc48a1	MmuINT0147057	chr15	97615048	97620333	+	0.014912
Slc48a1	MmuINT0147058	chr15	97620502	97621017	+	0.017329
Slc4a1ap	MmuINT0147123	chr5	31830058	31830415	+	0.015285
Slc4a1ap	MmuINT0147124	chr5	31846287	31850983	+	0.073755
Slc4a1ap	MmuINT0147125	chr5	31851055	31853085	+	0.017982
Slc4a1ap	MmuINT0147126	chr5	31853156	31856111	+	0.013014
Slc4a1ap	MmuINT0147127	chr5	31830612	31833005	+	0.011398
Slc4a1ap	MmuINT0147128	chr5	31833129	31834345	+	0.01906
Slc4a1ap	MmuINT0147129	chr5	31834407	31834816	+	0.026251
Slc4a1ap	MmuINT0147130	chr5	31834957	31836417	+	0.011596
Slc4a1ap	MmuINT0147131	chr5	31836579	31837230	+	0.018548
Slc4a1ap	MmuINT0147132	chr5	31837301	31838510	+	0.015238
Slc4a1ap	MmuINT0147133	chr5	31838698	31842758	+	0.009546
Slc4a1ap	MmuINT0147134	chr5	31842871	31846042	+	0.02683
Slc4a2	MmuINT0147135	chr5	23931254	23933340	+	0.026129
Slc4a2	MmuINT0147136	chr5	23940322	23940452	+	0.208942
Slc4a2	MmuINT0147137	chr5	23940568	23940650	+	0.07751
Slc4a2	MmuINT0147138	chr5	23940836	23940932	+	0.099767
Slc4a2	MmuINT0147139	chr5	23941159	23941362	+	0.161811
Slc4a2	MmuINT0147140	chr5	23941579	23941659	+	0.026876
Slc4a2	MmuINT0147141	chr5	23941809	23941894	+	0.010494
Slc4a2	MmuINT0147142	chr5	23942090	23944512	+	0.14189
Slc4a2	MmuINT0147143	chr5	23944768	23944873	+	0.20507
Slc4a2	MmuINT0147144	chr5	23944964	23945049	+	0.153543
Slc4a2	MmuINT0147145	chr5	23945217	23945554	+	0.33166
Slc4a2	MmuINT0147146	chr5	23933455	23935233	+	0.015618
Slc4a2	MmuINT0147147	chr5	23945809	23945898	+	0.052134
Slc4a2	MmuINT0147148	chr5	23946069	23946221	+	0.078104
Slc4a2	MmuINT0147149	chr5	23946396	23946489	+	0.049626
Slc4a2	MmuINT0147150	chr5	23935397	23935521	+	0.010373
Slc4a2	MmuINT0147151	chr5	23935767	23935848	+	0.017139
Slc4a2	MmuINT0147152	chr5	23935968	23937026	+	0.014202
Slc4a2	MmuINT0147153	chr5	23937260	23937340	+	0.022808
Slc4a2	MmuINT0147154	chr5	23937484	23938579	+	0.01943
Slc4a2	MmuINT0147155	chr5	23938761	23939921	+	0.02509
Slc4a2	MmuINT0147156	chr5	23940058	23940155	+	0.124687
Slc4a3	MmuINT0147158	chr1	75548396	75548727	+	0.098724

Slc4a3	MmuINT0147159	chr1	75548828	75549197	+	0.020492
Slc4a3	MmuINT0147160	chr1	75549383	75549830	+	0.004368
Slc4a3	MmuINT0147161	chr1	75550057	75550198	+	0.007288
Slc4a3	MmuINT0147162	chr1	75550418	75550734	+	0.001438
Slc4a3	MmuINT0147163	chr1	75550884	75551076	+	0.007301
Slc4a3	MmuINT0147164	chr1	75551272	75551497	+	0.000871
Slc4a3	MmuINT0147165	chr1	75551717	75551985	+	0.001377
Slc4a3	MmuINT0147166	chr1	75552076	75552513	+	0.003255
Slc4a3	MmuINT0147167	chr1	75552681	75553318	+	0.026304
Slc4a3	MmuINT0147168	chr1	75543497	75543807	+	0.132254
Slc4a3	MmuINT0147169	chr1	75553573	75553847	+	0.014068
Slc4a3	MmuINT0147170	chr1	75554018	75554201	+	0.008621
Slc4a3	MmuINT0147171	chr1	75554376	75555387	+	0.007473
Slc4a3	MmuINT0147172	chr1	75543974	75544518	+	0.885091
Slc4a3	MmuINT0147173	chr1	75544797	75544890	+	0.006745
Slc4a3	MmuINT0147174	chr1	75545007	75545443	+	0.01062
Slc4a3	MmuINT0147175	chr1	75545641	75547078	+	0.020065
Slc4a3	MmuINT0147176	chr1	75547228	75547329	+	0.000953
Slc4a3	MmuINT0147177	chr1	75547511	75547821	+	0.211708
Slc4a3	MmuINT0147178	chr1	75547958	75548211	+	0.014412
Slc4a4	MmuINT0147183	chr5	89564846	89578324	+	0.060295
Slc4a4	MmuINT0147185	chr5	89585628	89599775	+	0.021329
Slc4a4	MmuINT0147186	chr5	89599847	89608677	+	0.025892
Slc4a4	MmuINT0147187	chr5	89608870	89626673	+	0.019435
Slc4a4	MmuINT0147188	chr5	89626788	89628679	+	0.029834
Slc4a4	MmuINT0147189	chr5	89628842	89643498	+	0.019497
Slc4a4	MmuINT0147190	chr5	89643678	89644745	+	0.034003
Slc4a4	MmuINT0147192	chr5	89644819	89652220	+	0.029407
Slc4a4	MmuINT0147193	chr5	89652290	89654824	+	0.027801
Slc4a4	MmuINT0147194	chr5	89654999	89657850	+	0.023498
Slc4a4	MmuINT0147195	chr5	89658013	89661788	+	0.097417
Slc4a4	MmuINT0147197	chr5	89663902	89664531	+	0.021292
Slc4a4	MmuINT0147198	chr5	89383983	89457317	+	0.019526
Slc4a4	MmuINT0147201	chr5	89513744	89551426	+	0.025216
Slc4a4	MmuINT0147203	chr5	89558752	89561395	+	0.031977
Slc4a7	MmuINT0147234	chr14	15603829	15605049	+	0.034435
Slc4a7	MmuINT0147236	chr14	15605865	15607404	+	0.028607
Slc4a7	MmuINT0147237	chr14	15607567	15607690	+	0.035002
Slc4a7	MmuINT0147240	chr14	15611409	15614562	+	0.034496
Slc4a7	MmuINT0147241	chr14	15614737	15618805	+	0.048252
Slc4a7	MmuINT0147242	chr14	15618938	15623580	+	0.043889
Slc4a7	MmuINT0147249	chr14	15578598	15580979	+	0.031987
Slc4a7	MmuINT0147250	chr14	15581138	15582948	+	0.040367
Slc5a2	MmuINT0147358	chr7	1.35E+08	1.35E+08	+	0.978146
Slc5a6	MmuINT0147414	chr5	31340266	31340386	-	0.048615
Slc5a6	MmuINT0147418	chr5	31346965	31350002	-	0.014558
Slc5a6	MmuINT0147424	chr5	31343172	31343516	-	0.014284
Slc6a6	MmuINT0147652	chr6	91634303	91648982	+	0.010342
Slc6a6	MmuINT0147653	chr6	91695024	91698326	+	0.034896
Slc6a6	MmuINT0147654	chr6	91698465	91699720	+	0.047522

Slc6a6	MmuINT0147655	chr6	91699824	91700266	+	0.054866
Slc6a6	MmuINT0147656	chr6	91700368	91702280	+	0.026952
Slc6a6	MmuINT0147657	chr6	91702452	91704907	+	0.040409
Slc6a6	MmuINT0147658	chr6	91649027	91673275	+	0.009712
Slc6a6	MmuINT0147659	chr6	91673516	91674835	+	0.005992
Slc6a6	MmuINT0147660	chr6	91674971	91676005	+	0.006137
Slc6a6	MmuINT0147661	chr6	91676241	91685084	+	0.018514
Slc6a6	MmuINT0147662	chr6	91685218	91689870	+	0.007731
Slc6a6	MmuINT0147663	chr6	91690006	91690942	+	0.007705
Slc6a6	MmuINT0147664	chr6	91691047	91691171	+	0.03515
Slc6a6	MmuINT0147665	chr6	91691297	91694910	+	0.059189
Slc6a8	MmuINT0147679	chrX	70919390	70920976	+	0.007705
Slc6a8	MmuINT0147680	chrX	70925574	70925670	+	0.007783
Slc6a8	MmuINT0147681	chrX	70925772	70925843	+	0.020664
Slc6a8	MmuINT0147682	chrX	70926015	70926298	+	0.016004
Slc6a8	MmuINT0147683	chrX	70921109	70921988	+	0.001425
Slc6a8	MmuINT0147684	chrX	70922239	70922659	+	0.053364
Slc6a8	MmuINT0147685	chrX	70922793	70923974	+	0.072829
Slc6a8	MmuINT0147686	chrX	70924110	70924204	+	0.035023
Slc6a8	MmuINT0147687	chrX	70924309	70924402	+	0.01357
Slc6a8	MmuINT0147688	chrX	70924528	70925023	+	0.005537
Slc6a8	MmuINT0147689	chrX	70925137	70925257	+	0.023856
Slc7a1	MmuINT0147704	chr5	1.49E+08	1.49E+08	-	0.052317
Slc7a1	MmuINT0147705	chr5	1.49E+08	1.49E+08	-	0.004464
Slc7a1	MmuINT0147706	chr5	1.49E+08	1.49E+08	-	0.007628
Slc7a1	MmuINT0147707	chr5	1.49E+08	1.49E+08	-	0.011289
Slc7a1	MmuINT0147709	chr5	1.49E+08	1.49E+08	-	0.042913
Slc7a1	MmuINT0147710	chr5	1.49E+08	1.49E+08	-	0.034548
Slc7a1	MmuINT0147711	chr5	1.49E+08	1.49E+08	-	0.068936
Slc7a1	MmuINT0147712	chr5	1.49E+08	1.49E+08	-	0.332177
Slc7a1	MmuINT0147713	chr5	1.49E+08	1.49E+08	-	0.006007
Slc7a1	MmuINT0147714	chr5	1.49E+08	1.49E+08	-	0.009382
Slc7a1	MmuINT0147715	chr5	1.49E+08	1.49E+08	-	0.005961
Slc7a5	MmuINT0147785	chr8	1.24E+08	1.24E+08	-	0.032744
Slc7a5	MmuINT0147786	chr8	1.24E+08	1.24E+08	-	0.041496
Slc7a5	MmuINT0147788	chr8	1.24E+08	1.24E+08	-	0.05184
Slc7a5	MmuINT0147789	chr8	1.24E+08	1.24E+08	-	0.05236
Slc7a5	MmuINT0147790	chr8	1.24E+08	1.24E+08	-	0.059727
Slc7a5	MmuINT0147791	chr8	1.24E+08	1.24E+08	-	0.068184
Slc7a5	MmuINT0147792	chr8	1.24E+08	1.24E+08	-	0.068267
Slc7a5	MmuINT0147793	chr8	1.24E+08	1.24E+08	-	0.053928
Slc7a6	MmuINT0147795	chr8	1.09E+08	1.09E+08	+	0.106274
Slc7a6	MmuINT0147796	chr8	1.09E+08	1.09E+08	+	0.301707
Slc7a6	MmuINT0147797	chr8	1.09E+08	1.09E+08	+	0.452893
Slc7a6	MmuINT0147798	chr8	1.09E+08	1.09E+08	+	0.027878
Slc7a6	MmuINT0147799	chr8	1.09E+08	1.09E+08	+	0.026042
Slc7a6	MmuINT0147800	chr8	1.09E+08	1.09E+08	+	0.033218
Slc7a6	MmuINT0147801	chr8	1.09E+08	1.09E+08	+	0.016243
Slc7a6	MmuINT0147802	chr8	1.09E+08	1.09E+08	+	0.014972
Slc7a6os	MmuINT0147803	chr8	1.09E+08	1.09E+08	-	0.31671

Slc7a6os	MmuINT0147804	chr8	1.09E+08	1.09E+08	-	0.017211
Slc7a6os	MmuINT0147805	chr8	1.09E+08	1.09E+08	-	0.168104
Slc7a6os	MmuINT0147806	chr8	1.09E+08	1.09E+08	-	0.041534
Slc7a7	MmuINT0147808	chr14	54989961	54992623	-	0.392804
Slc7a7	MmuINT0147809	chr14	54989571	54989776	-	0.596962
Slc7a7	MmuINT0147816	chr14	54993623	54993897	-	0.057023
Slc7a8	MmuINT0147819	chr14	55343089	55343574	-	0.073987
Slc8a1	MmuINT0147842	chr17	82048979	82137648	-	0.002909
Slc8a1	MmuINT0147843	chr17	81788408	81807406	-	0.001133
Slc8a1	MmuINT0147844	chr17	81844934	82047148	-	0.001509
Slc8a1	MmuINT0147845	chr17	81841564	81844826	-	0.001709
Slc8a1	MmuINT0147848	chr17	81837154	81840991	-	0.008098
Slc8a1	MmuINT0147849	chr17	81832115	81837084	-	0.002391
Slc8a1	MmuINT0147850	chr17	81827622	81831983	-	0.002006
Slc8a1	MmuINT0147851	chr17	81807683	81827521	-	0.001433
Slc9a1	MmuINT0147870	chr4	1.33E+08	1.33E+08	+	0.065521
Slc9a1	MmuINT0147871	chr4	1.33E+08	1.33E+08	+	0.028953
Slc9a1	MmuINT0147872	chr4	1.33E+08	1.33E+08	+	0.014768
Slc9a1	MmuINT0147873	chr4	1.33E+08	1.33E+08	+	0.022472
Slc9a1	MmuINT0147874	chr4	1.33E+08	1.33E+08	+	0.052079
Slc9a1	MmuINT0147875	chr4	1.33E+08	1.33E+08	+	0.015226
Slc9a1	MmuINT0147876	chr4	1.33E+08	1.33E+08	+	0.031944
Slc9a1	MmuINT0147877	chr4	1.33E+08	1.33E+08	+	0.031258
Slc9a1	MmuINT0147878	chr4	1.33E+08	1.33E+08	+	0.036796
Slc9a1	MmuINT0147879	chr4	1.33E+08	1.33E+08	+	0.01411
Slc9a1	MmuINT0147880	chr4	1.33E+08	1.33E+08	+	0.022876
Slc9a3r1	MmuINT0147934	chr11	1.15E+08	1.15E+08	+	0.046494
Slc9a3r1	MmuINT0147935	chr11	1.15E+08	1.15E+08	+	0.086097
Slc9a3r1	MmuINT0147936	chr11	1.15E+08	1.15E+08	+	0.104399
Slc9a3r1	MmuINT0147938	chr11	1.15E+08	1.15E+08	+	0.047642
Slc9a3r2	MmuINT0147939	chr17	24784673	24786882	-	0.039772
Slc9a3r2	MmuINT0147940	chr17	24779316	24784471	-	0.096241
Slc9a3r2	MmuINT0147941	chr17	24778918	24779135	-	0.087692
Slc9a3r2	MmuINT0147942	chr17	24778698	24778763	-	0.102113
Slc9a3r2	MmuINT0147943	chr17	24777603	24778653	-	0.197066
Slc9a3r2	MmuINT0147944	chr17	24777335	24777539	-	0.127872
Slc9a5	MmuINT0147962	chr8	1.08E+08	1.08E+08	+	0.061475
Slc9a6	MmuINT0147972	chrX	53863365	53873502	+	0.02009
Slc9a6	MmuINT0147973	chrX	53891566	53896544	+	0.019047
Slc9a6	MmuINT0147974	chrX	53896657	53898976	+	0.014221
Slc9a6	MmuINT0147975	chrX	53899131	53904804	+	0.022996
Slc9a6	MmuINT0147976	chrX	53904836	53908150	+	0.025289
Slc9a6	MmuINT0147977	chrX	53908231	53911435	+	0.013453
Slc9a6	MmuINT0147978	chrX	53911542	53914352	+	0.016705
Slc9a6	MmuINT0147979	chrX	53873703	53875787	+	0.015948
Slc9a6	MmuINT0147980	chrX	53875866	53876164	+	0.026215
Slc9a6	MmuINT0147981	chrX	53876242	53876536	+	0.024839
Slc9a6	MmuINT0147982	chrX	53876650	53881570	+	0.017886
Slc9a6	MmuINT0147983	chrX	53881677	53886626	+	0.015184
Slc9a6	MmuINT0147984	chrX	53886769	53887962	+	0.020197

Slc9a6	MmuINT0147985	chrX	53888069	53888354	+	0.014382
Slc9a6	MmuINT0147986	chrX	53888444	53891451	+	0.021449
Slc9a7	MmuINT0147987	chrX	19782692	19868485	-	0.054971
Slc9a7	MmuINT0147989	chrX	19736095	19736757	-	0.060755
Slc9a7	MmuINT0147990	chrX	19716099	19735940	-	0.064064
Slc9a7	MmuINT0147994	chrX	19683341	19685800	-	0.05553
Slc9a7	MmuINT0148000	chrX	19739666	19742055	-	0.088796
Slc9a8	MmuINT0148003	chr2	1.67E+08	1.67E+08	+	0.029647
Slc9a8	MmuINT0148004	chr2	1.67E+08	1.67E+08	+	0.014734
Slc9a8	MmuINT0148005	chr2	1.67E+08	1.67E+08	+	0.021574
Slc9a8	MmuINT0148006	chr2	1.67E+08	1.67E+08	+	0.015781
Slc9a8	MmuINT0148007	chr2	1.67E+08	1.67E+08	+	0.026971
Slc9a8	MmuINT0148008	chr2	1.67E+08	1.67E+08	+	0.066249
Slc9a8	MmuINT0148009	chr2	1.67E+08	1.67E+08	+	0.0523
Slc9a8	MmuINT0148010	chr2	1.67E+08	1.67E+08	+	0.146082
Slc9a8	MmuINT0148011	chr2	1.67E+08	1.67E+08	+	0.025894
Slc9a8	MmuINT0148012	chr2	1.67E+08	1.67E+08	+	0.01897
Slc9a8	MmuINT0148013	chr2	1.67E+08	1.67E+08	+	0.023096
Slc9a8	MmuINT0148014	chr2	1.67E+08	1.67E+08	+	0.017493
Slc9a8	MmuINT0148015	chr2	1.67E+08	1.67E+08	+	0.070968
Slc9a8	MmuINT0148016	chr2	1.67E+08	1.67E+08	+	0.15779
Slc9a8	MmuINT0148017	chr2	1.67E+08	1.67E+08	+	0.015551
Slc9a8	MmuINT0148018	chr2	1.67E+08	1.67E+08	+	0.015594
Slc9a9	MmuINT0148026	chr9	95127713	95129256	+	0.050313
Slco2b1	MmuINT0148134	chr7	1.07E+08	1.07E+08	-	0.116141
Slco2b1	MmuINT0148135	chr7	1.07E+08	1.07E+08	-	0.127409
Slco2b1	MmuINT0148136	chr7	1.07E+08	1.07E+08	-	0.09309
Slco2b1	MmuINT0148137	chr7	1.07E+08	1.07E+08	-	0.022343
Slco2b1	MmuINT0148145	chr7	1.07E+08	1.07E+08	-	0.143169
Slco3a1	MmuINT0148146	chr7	81649529	81699296	-	0.004403
Slco3a1	MmuINT0148147	chr7	81504806	81649062	-	0.006055
Slco3a1	MmuINT0148148	chr7	81491798	81504706	-	0.003973
Slco3a1	MmuINT0148149	chr7	81472911	81491533	-	0.002844
Slco3a1	MmuINT0148150	chr7	81465570	81472745	-	0.003822
Slco3a1	MmuINT0148151	chr7	81463484	81465370	-	0.002788
Slco3a1	MmuINT0148152	chr7	81448184	81463344	-	0.003651
Slco3a1	MmuINT0148153	chr7	81442172	81448007	-	0.00335
Slco5a1	MmuINT0148184	chr1	12862410	12866390	-	0.463172
Slfn2	MmuINT0148235	chr11	82878846	82882748	+	0.019133
Slfn3	MmuINT0148237	chr11	83027116	83027989	+	0.014584
Slfn5	MmuINT0148245	chr11	82765698	82768218	+	0.121223
Slfn5	MmuINT0148246	chr11	82768285	82769764	+	0.052214
Slfn5	MmuINT0148247	chr11	82770793	82772178	+	0.008179
Slfn5	MmuINT0148248	chr11	82772305	82773506	+	0.028287
Slfn5	MmuINT0148249	chr11	82774231	82774401	+	0.008688
Slit3	MmuINT0148359	chr11	35497677	35499757	+	0.046266
Slit3	MmuINT0148360	chr11	35499999	35502054	+	0.040412
Slit3	MmuINT0148362	chr11	35511963	35513705	+	0.05029
Slit3	MmuINT0148363	chr11	35513992	35516613	+	0.029576
Slit3	MmuINT0148364	chr11	35516823	35521408	+	0.047923

Slk	MmuINT0148376	chr19	47654834	47683394	+	0.003338
Slk	MmuINT0148377	chr19	47696857	47697060	+	0.097503
Slk	MmuINT0148378	chr19	47697185	47699794	+	0.00392
Slk	MmuINT0148379	chr19	47699975	47709958	+	0.02189
Slk	MmuINT0148380	chr19	47710089	47710832	+	0.002401
Slk	MmuINT0148381	chr19	47710958	47711699	+	0.00485
Slk	MmuINT0148382	chr19	47711889	47712131	+	0.001694
Slk	MmuINT0148383	chr19	47712258	47713365	+	0.002333
Slk	MmuINT0148384	chr19	47713480	47716436	+	0.187789
Slk	MmuINT0148385	chr19	47683560	47686064	+	0.007125
Slk	MmuINT0148386	chr19	47686114	47686391	+	0.003728
Slk	MmuINT0148387	chr19	47686542	47689685	+	0.007421
Slk	MmuINT0148388	chr19	47689759	47689895	+	0.004303
Slk	MmuINT0148389	chr19	47690091	47691011	+	0.005238
Slk	MmuINT0148390	chr19	47691094	47693680	+	0.007144
Slk	MmuINT0148391	chr19	47693810	47694092	+	0.002876
Slk	MmuINT0148392	chr19	47695443	47696725	+	0.002264
Slmap	MmuINT0148395	chr14	27302453	27352813	-	0.003818
Slmap	MmuINT0148396	chr14	27279441	27279527	-	0.058556
Slmap	MmuINT0148397	chr14	27278947	27279389	-	0.020597
Slmap	MmuINT0148398	chr14	27262121	27278895	-	0.3914
Slmap	MmuINT0148399	chr14	27258515	27262060	-	0.005737
Slmap	MmuINT0148400	chr14	27258225	27258433	-	0.001895
Slmap	MmuINT0148401	chr14	27249397	27258164	-	0.024753
Slmap	MmuINT0148402	chr14	27247803	27249273	-	0.043533
Slmap	MmuINT0148403	chr14	27247042	27247727	-	0.00205
Slmap	MmuINT0148404	chr14	27246169	27246720	-	0.001377
Slmap	MmuINT0148405	chr14	27242079	27246050	-	0.0016
Slmap	MmuINT0148406	chr14	27293458	27302304	-	0.005655
Slmap	MmuINT0148407	chr14	27237734	27241906	-	0.018692
Slmap	MmuINT0148408	chr14	27235779	27237598	-	0.012165
Slmap	MmuINT0148409	chr14	27234475	27235688	-	0.047759
Slmap	MmuINT0148410	chr14	27289887	27293384	-	0.009076
Slmap	MmuINT0148411	chr14	27288032	27289849	-	0.007331
Slmap	MmuINT0148412	chr14	27285150	27287968	-	0.005966
Slmap	MmuINT0148413	chr14	27284759	27285053	-	0.003747
Slmap	MmuINT0148414	chr14	27283203	27284686	-	0.004987
Slmap	MmuINT0148415	chr14	27281885	27283061	-	0.003101
Slmo2	MmuINT0148423	chr2	1.74E+08	1.74E+08	-	0.008501
Slmo2	MmuINT0148424	chr2	1.74E+08	1.74E+08	-	0.004586
Slmo2	MmuINT0148425	chr2	1.74E+08	1.74E+08	-	0.012044
Slmo2	MmuINT0148426	chr2	1.74E+08	1.74E+08	-	0.007581
Slmo2	MmuINT0148427	chr2	1.74E+08	1.74E+08	-	0.003312
Sltm	MmuINT0148433	chr9	70427239	70427758	+	0.011944
Sltm	MmuINT0148434	chr9	70427863	70427973	+	0.020785
Sltm	MmuINT0148435	chr9	70428138	70428589	+	0.006013
Sltm	MmuINT0148436	chr9	70428676	70429107	+	0.008257
Sltm	MmuINT0148437	chr9	70429272	70431738	+	0.011411
Sltm	MmuINT0148438	chr9	70431920	70432559	+	0.040886
Sltm	MmuINT0148439	chr9	70432685	70433730	+	0.020351

Sltn	MmuINT0148440	chr9	70433896	70434441	+	0.006003
Sltn	MmuINT0148441	chr9	70434757	70434857	+	0.005439
Sltn	MmuINT0148442	chr9	70435003	70436763	+	0.007898
Sltn	MmuINT0148443	chr9	70391865	70406843	+	0.027012
Sltn	MmuINT0148444	chr9	70436925	70439385	+	0.018191
Sltn	MmuINT0148445	chr9	70406909	70409582	+	0.08346
Sltn	MmuINT0148446	chr9	70409781	70410620	+	0.145023
Sltn	MmuINT0148447	chr9	70410669	70419955	+	0.036459
Sltn	MmuINT0148448	chr9	70421733	70422382	+	0.138787
Sltn	MmuINT0148449	chr9	70422433	70424528	+	0.113536
Sltn	MmuINT0148450	chr9	70424648	70427088	+	0.017634
Slu7	MmuINT0148453	chr11	43247322	43250846	+	0.081532
Slu7	MmuINT0148454	chr11	43255601	43256041	+	0.007418
Slu7	MmuINT0148455	chr11	43256182	43256775	+	0.00836
Slu7	MmuINT0148456	chr11	43256938	43258227	+	0.008794
Slu7	MmuINT0148457	chr11	43258333	43258685	+	0.018161
Slu7	MmuINT0148458	chr11	43258758	43258860	+	0.01401
Slu7	MmuINT0148459	chr11	43258975	43259513	+	0.00637
Slu7	MmuINT0148460	chr11	43251033	43251624	+	0.00591
Slu7	MmuINT0148461	chr11	43251779	43252305	+	0.007346
Slu7	MmuINT0148462	chr11	43252387	43252654	+	0.012104
Slu7	MmuINT0148463	chr11	43252820	43254112	+	0.006976
Slu7	MmuINT0148464	chr11	43254182	43254722	+	0.018776
Slu7	MmuINT0148465	chr11	43254771	43254947	+	0.008138
Slu7	MmuINT0148466	chr11	43255080	43255324	+	0.007407
Slu7	MmuINT0148467	chr11	43255423	43255532	+	0.008728
Smad1	MmuINT0148477	chr8	81896264	81923151	-	0.040119
Smad1	MmuINT0148478	chr8	81880369	81895682	-	0.037129
Smad1	MmuINT0148479	chr8	81877346	81880110	-	0.053549
Smad1	MmuINT0148480	chr8	81873712	81877228	-	0.030064
Smad1	MmuINT0148481	chr8	81867810	81873489	-	0.033514
Smad1	MmuINT0148482	chr8	81863692	81867552	-	0.060887
Smad2	MmuINT0148483	chr18	76401634	76422093	+	0.026439
Smad2	MmuINT0148484	chr18	76462182	76464260	+	0.009454
Smad2	MmuINT0148485	chr18	76422382	76446513	+	0.010029
Smad2	MmuINT0148486	chr18	76446604	76447581	+	0.022144
Smad2	MmuINT0148487	chr18	76447776	76448692	+	0.011103
Smad2	MmuINT0148488	chr18	76448828	76452563	+	0.013402
Smad2	MmuINT0148489	chr18	76452639	76458101	+	0.013773
Smad2	MmuINT0148490	chr18	76458156	76459436	+	0.014727
Smad2	MmuINT0148491	chr18	76459650	76461732	+	0.023986
Smad2	MmuINT0148492	chr18	76461871	76462036	+	0.011579
Smad3	MmuINT0148497	chr9	63503571	63511471	-	0.058571
Smad3	MmuINT0148498	chr9	63502631	63503357	-	0.017642
Smad3	MmuINT0148499	chr9	63500433	63502492	-	0.038744
Smad4	MmuINT0148502	chr18	73801576	73808538	-	0.029965
Smad4	MmuINT0148503	chr18	73800124	73801436	-	0.009692
Smad4	MmuINT0148504	chr18	73835600	73837316	-	0.005823
Smad4	MmuINT0148505	chr18	73834845	73835424	-	0.008234
Smad4	MmuINT0148506	chr18	73822522	73834814	-	0.005362



Smad4	MmuINT0148507	chr18	73818553	73822311	-	0.004862
Smad4	MmuINT0148508	chr18	73818339	73818432	-	0.005709
Smad4	MmuINT0148509	chr18	73816900	73818221	-	0.013812
Smad4	MmuINT0148510	chr18	73809564	73816848	-	0.00931
Smad4	MmuINT0148511	chr18	73808708	73809379	-	0.012987
Smad5	MmuINT0148513	chr13	56825358	56828764	+	0.029414
Smad5	MmuINT0148514	chr13	56829017	56829870	+	0.008548
Smad5	MmuINT0148515	chr13	56829991	56834210	+	0.013097
Smad5	MmuINT0148516	chr13	56834433	56837160	+	0.062125
Smad5	MmuINT0148517	chr13	56837418	56838695	+	0.067249
Smad6	MmuINT0148519	chr9	63860079	63868011	-	0.038106
Smad6	MmuINT0148520	chr9	63855416	63860021	-	0.020138
Smad6	MmuINT0148521	chr9	63801864	63855337	-	0.016794
Smad7	MmuINT0148522	chr18	75529223	75530548	+	0.023032
Smad7	MmuINT0148523	chr18	75530603	75535527	+	0.031159
Smad7	MmuINT0148524	chr18	75535603	75553480	+	0.01767
Smagp	MmuINT0148532	chr15	1E+08	1E+08	-	0.061283
Smapi	MmuINT0148533	chr1	23898833	23928876	-	0.027386
Smapi	MmuINT0148534	chr1	23884634	23898698	-	0.016087
Smapi	MmuINT0148535	chr1	23883289	23884547	-	0.032275
Smapi	MmuINT0148537	chr1	23865953	23873055	-	0.0228
Smapi	MmuINT0148538	chr1	23860390	23865861	-	0.016697
Smapi	MmuINT0148539	chr1	23856308	23860261	-	0.010585
Smapi	MmuINT0148540	chr1	23855411	23856141	-	0.013344
Smapi	MmuINT0148541	chr4	1.21E+08	1.21E+08	-	0.003243
Smapi	MmuINT0148542	chr4	1.21E+08	1.21E+08	-	0.00348
Smapi	MmuINT0148543	chr4	1.21E+08	1.21E+08	-	0.007906
Smapi	MmuINT0148544	chr4	1.21E+08	1.21E+08	-	0.004654
Smapi	MmuINT0148545	chr4	1.21E+08	1.21E+08	-	0.006879
Smapi	MmuINT0148546	chr4	1.21E+08	1.21E+08	-	0.004007
Smapi	MmuINT0148547	chr4	1.21E+08	1.21E+08	-	0.003457
Smapi	MmuINT0148548	chr4	1.21E+08	1.21E+08	-	0.010657
Smapi	MmuINT0148549	chr4	1.21E+08	1.21E+08	-	0.018633
Smarca2	MmuINT0148573	chr19	26679724	26694173	+	0.024251
Smarca2	MmuINT0148574	chr19	26738595	26743242	+	0.010643
Smarca2	MmuINT0148575	chr19	26743374	26743603	+	0.010188
Smarca2	MmuINT0148576	chr19	26743662	26745573	+	0.015843
Smarca2	MmuINT0148577	chr19	26745675	26747188	+	0.00697
Smarca2	MmuINT0148578	chr19	26747337	26751123	+	0.009968
Smarca2	MmuINT0148579	chr19	26751288	26752805	+	0.009936
Smarca2	MmuINT0148580	chr19	26752873	26753563	+	0.010886
Smarca2	MmuINT0148581	chr19	26753675	26756360	+	0.010175
Smarca2	MmuINT0148582	chr19	26756604	26758298	+	0.008117
Smarca2	MmuINT0148583	chr19	26758413	26765834	+	0.008083
Smarca2	MmuINT0148584	chr19	26694435	26698370	+	0.010962
Smarca2	MmuINT0148585	chr19	26765943	26766670	+	0.009368
Smarca2	MmuINT0148586	chr19	26766758	26770665	+	0.008484
Smarca2	MmuINT0148587	chr19	26770713	26772835	+	0.012195
Smarca2	MmuINT0148588	chr19	26773003	26780557	+	0.006554
Smarca2	MmuINT0148590	chr19	26785176	26790604	+	0.006489

Smarca2	MmuINT0148591	chr19	26790683	26795218	+	0.008258
Smarca2	MmuINT0148592	chr19	26795438	26826313	+	0.005995
Smarca2	MmuINT0148593	chr19	26826532	26845427	+	0.009405
Smarca2	MmuINT0148594	chr19	26845534	26845997	+	0.005026
Smarca2	MmuINT0148596	chr19	26846100	26848662	+	0.008583
Smarca2	MmuINT0148597	chr19	26848796	26850590	+	0.007478
Smarca2	MmuINT0148598	chr19	26850734	26851824	+	0.005607
Smarca2	MmuINT0148600	chr19	26715140	26721510	+	0.010074
Smarca2	MmuINT0148601	chr19	26721638	26723473	+	0.00973
Smarca2	MmuINT0148602	chr19	26723648	26726038	+	0.008348
Smarca2	MmuINT0148603	chr19	26726213	26728830	+	0.005623
Smarca2	MmuINT0148604	chr19	26729002	26738540	+	0.010081
Smarca4	MmuINT0148609	chr9	21420845	21437248	+	0.00887
Smarca4	MmuINT0148610	chr9	21447037	21447144	+	0.007853
Smarca4	MmuINT0148611	chr9	21447196	21451794	+	0.010342
Smarca4	MmuINT0148612	chr9	21451926	21452061	+	0.011376
Smarca4	MmuINT0148613	chr9	21452120	21460070	+	0.009849
Smarca4	MmuINT0148614	chr9	21460193	21463269	+	0.006084
Smarca4	MmuINT0148615	chr9	21463421	21465151	+	0.004561
Smarca4	MmuINT0148616	chr9	21465316	21469292	+	0.005295
Smarca4	MmuINT0148617	chr9	21469360	21470207	+	0.006425
Smarca4	MmuINT0148618	chr9	21470319	21471609	+	0.006831
Smarca4	MmuINT0148619	chr9	21471853	21473378	+	0.006579
Smarca4	MmuINT0148620	chr9	21437499	21439193	+	0.007489
Smarca4	MmuINT0148621	chr9	21473493	21473992	+	0.007891
Smarca4	MmuINT0148622	chr9	21474101	21474927	+	0.005816
Smarca4	MmuINT0148623	chr9	21475015	21476486	+	0.009349
Smarca4	MmuINT0148624	chr9	21476534	21477613	+	0.007504
Smarca4	MmuINT0148625	chr9	21477781	21479510	+	0.005634
Smarca4	MmuINT0148626	chr9	21479675	21481893	+	0.004789
Smarca4	MmuINT0148627	chr9	21482122	21482759	+	0.005144
Smarca4	MmuINT0148628	chr9	21482838	21483372	+	0.006753
Smarca4	MmuINT0148629	chr9	21490720	21504243	+	0.005262
Smarca4	MmuINT0148630	chr9	21439327	21439979	+	0.007304
Smarca4	MmuINT0148631	chr9	21504582	21505297	+	0.003806
Smarca4	MmuINT0148632	chr9	21505431	21505531	+	0.003674
Smarca4	MmuINT0148633	chr9	21505675	21507379	+	0.006413
Smarca4	MmuINT0148634	chr9	21440385	21440626	+	0.008889
Smarca4	MmuINT0148635	chr9	21440726	21441722	+	0.007817
Smarca4	MmuINT0148636	chr9	21441982	21443157	+	0.004317
Smarca4	MmuINT0148637	chr9	21443285	21443661	+	0.005166
Smarca4	MmuINT0148638	chr9	21443836	21445355	+	0.004477
Smarca4	MmuINT0148639	chr9	21445530	21446868	+	0.005939
Smarca5	MmuINT0148640	chr8	83260663	83262821	-	0.013598
Smarca5	MmuINT0148644	chr8	83237966	83240347	-	0.001323
Smarca5	MmuINT0148660	chr8	83250021	83250109	-	0.005704
Smarcad1	MmuINT0148663	chr6	64992956	64993199	+	0.052341
Smarcad1	MmuINT0148664	chr6	65033998	65040089	+	0.040001
Smarcad1	MmuINT0148665	chr6	65040181	65042488	+	0.042032
Smarcad1	MmuINT0148670	chr6	65046822	65048603	+	0.028872

Smarcad1	MmuINT0148671	chr6	65048700	65048789	+	0.034322
Smarcad1	MmuINT0148672	chr6	65048908	65049259	+	0.070048
Smarcad1	MmuINT0148673	chr6	65049382	65057768	+	0.030854
Smarcad1	MmuINT0148674	chr6	64993440	65002613	+	0.023256
Smarcad1	MmuINT0148675	chr6	65057958	65058645	+	0.04001
Smarcad1	MmuINT0148676	chr6	65058765	65060363	+	0.031719
Smarcad1	MmuINT0148677	chr6	65060547	65061769	+	0.041764
Smarcad1	MmuINT0148678	chr6	65061880	65064294	+	0.064659
Smarcad1	MmuINT0148681	chr6	65008127	65017040	+	0.046187
Smarcad1	MmuINT0148682	chr6	65017133	65021978	+	0.035421
Smarcad1	MmuINT0148683	chr6	65022081	65023187	+	0.041168
Smarcad1	MmuINT0148685	chr6	65025145	65033797	+	0.023551
Smarcal1	MmuINT0148686	chr1	72630013	72632211	+	0.020617
Smarcal1	MmuINT0148687	chr1	72658010	72659382	+	0.024664
Smarcal1	MmuINT0148688	chr1	72659599	72663081	+	0.008065
Smarcal1	MmuINT0148689	chr1	72663153	72666605	+	0.015441
Smarcal1	MmuINT0148690	chr1	72666709	72673036	+	0.009105
Smarcal1	MmuINT0148691	chr1	72673220	72674674	+	0.027163
Smarcal1	MmuINT0148692	chr1	72674776	72675948	+	0.043364
Smarcal1	MmuINT0148693	chr1	72676046	72679394	+	0.012878
Smarcal1	MmuINT0148694	chr1	72632979	72633624	+	0.034057
Smarcal1	MmuINT0148695	chr1	72633676	72637636	+	0.01248
Smarcal1	MmuINT0148696	chr1	72637850	72638398	+	0.010864
Smarcal1	MmuINT0148697	chr1	72638450	72642361	+	0.013952
Smarcal1	MmuINT0148698	chr1	72642549	72643952	+	0.054527
Smarcal1	MmuINT0148699	chr1	72644104	72645344	+	0.013901
Smarcal1	MmuINT0148700	chr1	72645504	72647942	+	0.039469
Smarcal1	MmuINT0148701	chr1	72648009	72657868	+	0.01107
Smarcb1	MmuINT0148702	chr10	75377939	75379517	-	0.10732
Smarcb1	MmuINT0148703	chr10	75374402	75377808	-	0.064999
Smarcb1	MmuINT0148704	chr10	75373027	75374263	-	0.008401
Smarcb1	MmuINT0148705	chr10	75368942	75372898	-	0.008569
Smarcb1	MmuINT0148706	chr10	75367320	75368774	-	0.016183
Smarcb1	MmuINT0148707	chr10	75360322	75367128	-	0.006069
Smarcb1	MmuINT0148708	chr10	75359834	75360189	-	0.009725
Smarcc1	MmuINT0148709	chr9	1.1E+08	1.1E+08	+	0.020633
Smarcc1	MmuINT0148710	chr9	1.1E+08	1.1E+08	+	0.010118
Smarcc1	MmuINT0148711	chr9	1.1E+08	1.1E+08	+	0.013811
Smarcc1	MmuINT0148712	chr9	1.1E+08	1.1E+08	+	0.017202
Smarcc1	MmuINT0148713	chr9	1.1E+08	1.1E+08	+	0.015078
Smarcc1	MmuINT0148714	chr9	1.1E+08	1.1E+08	+	0.013722
Smarcc1	MmuINT0148715	chr9	1.1E+08	1.1E+08	+	0.015082
Smarcc1	MmuINT0148716	chr9	1.1E+08	1.1E+08	+	0.01259
Smarcc1	MmuINT0148717	chr9	1.1E+08	1.1E+08	+	0.013801
Smarcc1	MmuINT0148718	chr9	1.1E+08	1.1E+08	+	0.013266
Smarcc1	MmuINT0148719	chr9	1.1E+08	1.1E+08	+	0.012044
Smarcc1	MmuINT0148720	chr9	1.1E+08	1.1E+08	+	0.014081
Smarcc1	MmuINT0148721	chr9	1.1E+08	1.1E+08	+	0.002953
Smarcc1	MmuINT0148724	chr9	1.1E+08	1.1E+08	+	0.007768
Smarcc1	MmuINT0148725	chr9	1.1E+08	1.1E+08	+	0.002851

Smarcc1	MmuINT0148726	chr9	1.1E+08	1.1E+08	+	0.001896
Smarcc1	MmuINT0148727	chr9	1.1E+08	1.1E+08	+	0.007971
Smarcc1	MmuINT0148728	chr9	1.1E+08	1.1E+08	+	0.298286
Smarcc1	MmuINT0148729	chr9	1.1E+08	1.1E+08	+	0.026873
Smarcc1	MmuINT0148730	chr9	1.1E+08	1.1E+08	+	0.015367
Smarcc1	MmuINT0148731	chr9	1.1E+08	1.1E+08	+	0.02692
Smarcc1	MmuINT0148732	chr9	1.1E+08	1.1E+08	+	0.026919
Smarcc1	MmuINT0148733	chr9	1.1E+08	1.1E+08	+	0.022463
Smarcc1	MmuINT0148734	chr9	1.1E+08	1.1E+08	+	0.015417
Smarcc1	MmuINT0148735	chr9	1.1E+08	1.1E+08	+	0.014169
Smarcc2	MmuINT0148739	chr10	1.28E+08	1.28E+08	+	0.005648
Smarcc2	MmuINT0148740	chr10	1.28E+08	1.28E+08	+	0.003759
Smarcc2	MmuINT0148741	chr10	1.28E+08	1.28E+08	+	0.007475
Smarcc2	MmuINT0148742	chr10	1.28E+08	1.28E+08	+	0.005721
Smarcc2	MmuINT0148743	chr10	1.28E+08	1.28E+08	+	0.022576
Smarcc2	MmuINT0148744	chr10	1.28E+08	1.28E+08	+	0.0042
Smarcc2	MmuINT0148745	chr10	1.28E+08	1.28E+08	+	0.009922
Smarcc2	MmuINT0148746	chr10	1.28E+08	1.28E+08	+	0.003723
Smarcc2	MmuINT0148747	chr10	1.28E+08	1.28E+08	+	0.007142
Smarcc2	MmuINT0148748	chr10	1.28E+08	1.28E+08	+	0.00471
Smarcc2	MmuINT0148749	chr10	1.28E+08	1.28E+08	+	0.004457
Smarcc2	MmuINT0148750	chr10	1.28E+08	1.28E+08	+	0.005168
Smarcc2	MmuINT0148751	chr10	1.28E+08	1.28E+08	+	0.003587
Smarcc2	MmuINT0148752	chr10	1.28E+08	1.28E+08	+	0.01794
Smarcc2	MmuINT0148753	chr10	1.28E+08	1.28E+08	+	0.011314
Smarcc2	MmuINT0148754	chr10	1.28E+08	1.28E+08	+	0.002541
Smarcc2	MmuINT0148755	chr10	1.28E+08	1.28E+08	+	0.003171
Smarcc2	MmuINT0148756	chr10	1.28E+08	1.28E+08	+	0.003289
Smarcc2	MmuINT0148757	chr10	1.28E+08	1.28E+08	+	0.00766
Smarcc2	MmuINT0148758	chr10	1.28E+08	1.28E+08	+	0.006303
Smarcc2	MmuINT0148759	chr10	1.28E+08	1.28E+08	+	0.004864
Smarcc2	MmuINT0148760	chr10	1.28E+08	1.28E+08	+	0.00605
Smarcc2	MmuINT0148761	chr10	1.28E+08	1.28E+08	+	0.007422
Smarcc2	MmuINT0148762	chr10	1.28E+08	1.28E+08	+	0.006157
Smarcc2	MmuINT0148763	chr10	1.28E+08	1.28E+08	+	0.003273
Smarcc2	MmuINT0148764	chr10	1.28E+08	1.28E+08	+	0.002862
Smarcd1	MmuINT0148765	chr15	99532930	99533536	+	0.088123
Smarcd1	MmuINT0148766	chr15	99539848	99541523	+	0.0129
Smarcd1	MmuINT0148767	chr15	99541647	99542589	+	0.073308
Smarcd1	MmuINT0148768	chr15	99542692	99542802	+	0.029862
Smarcd1	MmuINT0148769	chr15	99533725	99534021	+	0.060892
Smarcd1	MmuINT0148770	chr15	99534065	99534168	+	0.075846
Smarcd1	MmuINT0148771	chr15	99534292	99534761	+	0.302959
Smarcd1	MmuINT0148772	chr15	99534885	99536057	+	0.042856
Smarcd1	MmuINT0148773	chr15	99536175	99537741	+	0.041939
Smarcd1	MmuINT0148774	chr15	99537844	99538070	+	0.015997
Smarcd1	MmuINT0148775	chr15	99538233	99538315	+	0.014807
Smarcd1	MmuINT0148776	chr15	99538414	99539711	+	0.004393
Smarcd2	MmuINT0148777	chr11	1.06E+08	1.06E+08	-	0.01219
Smarcd2	MmuINT0148778	chr11	1.06E+08	1.06E+08	-	0.151743

Smarcd2	MmuINT0148779	chr11	1.06E+08	1.06E+08	-	0.040428
Smarcd2	MmuINT0148780	chr11	1.06E+08	1.06E+08	-	0.017673
Smarcd2	MmuINT0148781	chr11	1.06E+08	1.06E+08	-	0.07053
Smarcd2	MmuINT0148782	chr11	1.06E+08	1.06E+08	-	0.026888
Smarcd2	MmuINT0148783	chr11	1.06E+08	1.06E+08	-	0.075421
Smarcd2	MmuINT0148784	chr11	1.06E+08	1.06E+08	-	0.087034
Smarcd2	MmuINT0148785	chr11	1.06E+08	1.06E+08	-	0.029069
Smarcd2	MmuINT0148786	chr11	1.06E+08	1.06E+08	-	0.019102
Smarcd3	MmuINT0148787	chr5	24104622	24107598	-	0.025783
Smarcd3	MmuINT0148788	chr5	24099166	24099454	-	0.049261
Smarcd3	MmuINT0148789	chr5	24098937	24099042	-	0.044895
Smarcd3	MmuINT0148790	chr5	24098623	24098834	-	0.050864
Smarcd3	MmuINT0148791	chr5	24102668	24104409	-	0.061835
Smarcd3	MmuINT0148792	chr5	24101893	24102624	-	0.024562
Smarcd3	MmuINT0148793	chr5	24101664	24101769	-	0.033978
Smarcd3	MmuINT0148794	chr5	24101304	24101540	-	0.087927
Smarcd3	MmuINT0148795	chr5	24101063	24101207	-	0.01758
Smarcd3	MmuINT0148796	chr5	24100812	24100960	-	0.024767
Smarcd3	MmuINT0148797	chr5	24099838	24100649	-	0.058497
Smarcd3	MmuINT0148798	chr5	24099591	24099739	-	0.031497
Smc1a	MmuINT0148809	chrX	1.48E+08	1.48E+08	+	0.01033
Smc1a	MmuINT0148810	chrX	1.48E+08	1.48E+08	+	0.008627
Smc1a	MmuINT0148811	chrX	1.48E+08	1.48E+08	+	0.007681
Smc1a	MmuINT0148812	chrX	1.48E+08	1.48E+08	+	0.006892
Smc1a	MmuINT0148813	chrX	1.48E+08	1.48E+08	+	0.006795
Smc1a	MmuINT0148814	chrX	1.48E+08	1.48E+08	+	0.006356
Smc1a	MmuINT0148815	chrX	1.48E+08	1.48E+08	+	0.008776
Smc1a	MmuINT0148816	chrX	1.48E+08	1.48E+08	+	0.007007
Smc1a	MmuINT0148817	chrX	1.48E+08	1.48E+08	+	0.010883
Smc1a	MmuINT0148818	chrX	1.48E+08	1.48E+08	+	0.007949
Smc1a	MmuINT0148819	chrX	1.48E+08	1.48E+08	+	0.041917
Smc1a	MmuINT0148820	chrX	1.48E+08	1.48E+08	+	0.010921
Smc1a	MmuINT0148821	chrX	1.48E+08	1.48E+08	+	0.056585
Smc1a	MmuINT0148822	chrX	1.48E+08	1.48E+08	+	0.008584
Smc1a	MmuINT0148823	chrX	1.48E+08	1.48E+08	+	0.021586
Smc1a	MmuINT0148824	chrX	1.48E+08	1.48E+08	+	0.007515
Smc1a	MmuINT0148825	chrX	1.48E+08	1.48E+08	+	0.014599
Smc1a	MmuINT0148826	chrX	1.48E+08	1.48E+08	+	0.011403
Smc1a	MmuINT0148827	chrX	1.48E+08	1.48E+08	+	0.007283
Smc1a	MmuINT0148828	chrX	1.48E+08	1.48E+08	+	0.005721
Smc1a	MmuINT0148829	chrX	1.48E+08	1.48E+08	+	0.007922
Smc1a	MmuINT0148830	chrX	1.48E+08	1.48E+08	+	0.010716
Smc1a	MmuINT0148831	chrX	1.48E+08	1.48E+08	+	0.00994
Smc1a	MmuINT0148832	chrX	1.48E+08	1.48E+08	+	0.007258
Smc2	MmuINT0148873	chr4	52497060	52499368	+	0.048771
Smc3	MmuINT0148881	chr19	53675045	53675972	+	0.015992
Smc3	MmuINT0148882	chr19	53697175	53697541	+	0.010636
Smc3	MmuINT0148883	chr19	53697707	53697956	+	0.010665
Smc3	MmuINT0148884	chr19	53698079	53699438	+	0.010637
Smc3	MmuINT0148885	chr19	53699653	53702340	+	0.012026

Smc3	MmuINT0148886	chr19	53702445	53702542	+	0.008721
Smc3	MmuINT0148887	chr19	53702643	53703156	+	0.012244
Smc3	MmuINT0148888	chr19	53703318	53703733	+	0.010488
Smc3	MmuINT0148889	chr19	53703876	53705976	+	0.012241
Smc3	MmuINT0148890	chr19	53706128	53708448	+	0.007285
Smc3	MmuINT0148891	chr19	53708602	53710160	+	0.015615
Smc3	MmuINT0148892	chr19	53676049	53688304	+	0.026252
Smc3	MmuINT0148893	chr19	53710313	53710870	+	0.015759
Smc3	MmuINT0148894	chr19	53711030	53713187	+	0.013364
Smc3	MmuINT0148895	chr19	53713296	53713816	+	0.008461
Smc3	MmuINT0148896	chr19	53713926	53715251	+	0.008974
Smc3	MmuINT0148897	chr19	53715500	53715587	+	0.011993
Smc3	MmuINT0148899	chr19	53716207	53716350	+	0.007034
Smc3	MmuINT0148900	chr19	53716529	53718333	+	0.028503
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Smc3	MmuINT0148903	chr19	53689664	53692558	+	0.024063
Smc3	MmuINT0148904	chr19	53692631	53692956	+	0.023599
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Smc3	MmuINT0148906	chr19	53693340	53695078	+	0.015111
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Smc4	MmuINT0148909	chr3	68809013	68809997	+	0.114794
Smc4	MmuINT0148910	chr3	68825323	68826147	+	0.01935
Smc4	MmuINT0148911	chr3	68826382	68828086	+	0.015219
Smc4	MmuINT0148912	chr3	68828273	68829745	+	0.020765
Smc4	MmuINT0148913	chr3	68829908	68831414	+	0.025025
Smc4	MmuINT0148914	chr3	68831641	68831740	+	0.018252
Smc4	MmuINT0148915	chr3	68831821	68832366	+	0.04065
Smc4	MmuINT0148916	chr3	68832520	68833322	+	0.018785
Smc4	MmuINT0148917	chr3	68833450	68834164	+	0.015588
Smc4	MmuINT0148918	chr3	68834355	68835329	+	0.022428
Smc4	MmuINT0148919	chr3	68835475	68835658	+	0.016601
Smc4	MmuINT0148920	chr3	68810136	68811110	+	0.048883
Smc4	MmuINT0148921	chr3	68835833	68836628	+	0.020848
Smc4	MmuINT0148922	chr3	68836812	68836947	+	0.020251
Smc4	MmuINT0148923	chr3	68837181	68837859	+	0.027234
Smc4	MmuINT0148924	chr3	68838044	68838295	+	0.042854
Smc4	MmuINT0148925	chr3	68811290	68811850	+	0.037979
Smc4	MmuINT0148926	chr3	68812043	68813405	+	0.02798
Smc4	MmuINT0148927	chr3	68813583	68820014	+	0.024084
Smc4	MmuINT0148928	chr3	68820180	68820573	+	0.019731
Smc4	MmuINT0148929	chr3	68820702	68821992	+	0.025981
Smc4	MmuINT0148930	chr3	68822134	68823096	+	0.037419
Smc4	MmuINT0148931	chr3	68823248	68825157	+	0.019516
Smc5	MmuINT0148932	chr19	23343359	23348123	-	0.017531
Smc5	MmuINT0148933	chr19	23313489	23317125	-	0.031105
Smc5	MmuINT0148934	chr19	23310459	23313374	-	0.02067
Smc5	MmuINT0148935	chr19	23308586	23310363	-	0.014683
Smc5	MmuINT0148936	chr19	23306483	23308452	-	0.020374
Smc5	MmuINT0148937	chr19	23306218	23306308	-	0.0164

Smc5	MmuINT0148938	chr19	23303529	23306047	-	0.012875
Smc5	MmuINT0148939	chr19	23302787	23303404	-	0.022103
Smc5	MmuINT0148940	chr19	23293021	23302663	-	0.015316
Smc5	MmuINT0148941	chr19	23289231	23292894	-	0.106777
Smc5	MmuINT0148942	chr19	23288661	23289131	-	0.026122
Smc5	MmuINT0148943	chr19	23340209	23343216	-	0.027599
Smc5	MmuINT0148944	chr19	23288361	23288555	-	0.027945
Smc5	MmuINT0148945	chr19	23285094	23288240	-	0.01784
Smc5	MmuINT0148946	chr19	23284837	23284913	-	0.014511
Smc5	MmuINT0148947	chr19	23283459	23284740	-	0.013536
Smc5	MmuINT0148948	chr19	23338257	23340155	-	0.023318
Smc5	MmuINT0148949	chr19	23335958	23338093	-	0.016328
Smc5	MmuINT0148950	chr19	23334278	23335822	-	0.012676
Smc5	MmuINT0148951	chr19	23332140	23334136	-	0.012117
Smc5	MmuINT0148952	chr19	23329239	23331977	-	0.015211
Smc5	MmuINT0148953	chr19	23318601	23329166	-	0.012688
Smc5	MmuINT0148954	chr19	23317281	23318344	-	0.013974
Smc6	MmuINT0148955	chr12	11273095	11278534	+	0.011781
Smc6	MmuINT0148956	chr12	11292216	11295933	+	0.05147
Smc6	MmuINT0148957	chr12	11296081	11296442	+	0.015414
Smc6	MmuINT0148958	chr12	11296532	11296697	+	0.007583
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Smc6	MmuINT0148960	chr12	11297698	11298331	+	0.007132
Smc6	MmuINT0148961	chr12	11298537	11301290	+	0.015543
Smc6	MmuINT0148962	chr12	11301406	11301728	+	0.009097
Smc6	MmuINT0148963	chr12	11301890	11303955	+	0.010461
Smc6	MmuINT0148964	chr12	11304092	11305067	+	0.009152
Smc6	MmuINT0148965	chr12	11305149	11306064	+	0.008958
Smc6	MmuINT0148966	chr12	11278678	11280799	+	0.013723
Smc6	MmuINT0148967	chr12	11306236	11307376	+	0.007157
Smc6	MmuINT0148968	chr12	11307515	11308327	+	0.007969
Smc6	MmuINT0148969	chr12	11308474	11312883	+	0.023435
Smc6	MmuINT0148970	chr12	11313010	11316004	+	0.020649
Smc6	MmuINT0148971	chr12	11316111	11321412	+	0.023989
Smc6	MmuINT0148972	chr12	11321566	11323424	+	0.049629
Smc6	MmuINT0148973	chr12	11323523	11324575	+	0.017176
Smc6	MmuINT0148974	chr12	11280918	11283065	+	0.012988
Smc6	MmuINT0148975	chr12	11283172	11286410	+	0.011125
Smc6	MmuINT0148976	chr12	11286548	11287146	+	0.01247
Smc6	MmuINT0148977	chr12	11287209	11289165	+	0.010918
Smc6	MmuINT0148978	chr12	11289247	11289876	+	0.007938
Smc6	MmuINT0148979	chr12	11289979	11291903	+	0.006462
Smc6	MmuINT0148980	chr12	11292024	11292116	+	0.009723
Smchd1	MmuINT0148984	chr17	71778997	71780561	-	0.023202
Smchd1	MmuINT0148987	chr17	71775863	71776776	-	0.027407
Smchd1	MmuINT0148988	chr17	71775609	71775779	-	0.029384
Smchd1	MmuINT0148993	chr17	71756604	71761109	-	0.030491
Smchd1	MmuINT0148995	chr17	71749539	71752437	-	0.038326
Smchd1	MmuINT0148996	chr17	71748030	71749398	-	0.033882
Smchd1	MmuINT0148997	chr17	71744285	71747891	-	0.022248

Smchd1	MmuINT0148998	chr17	71740841	71744056	-	0.065471
Smchd1	MmuINT0148999	chr17	71739856	71740691	-	0.020617
Smchd1	MmuINT0149000	chr17	71739202	71739766	-	0.025933
Smchd1	MmuINT0149001	chr17	71736453	71739082	-	0.026325
Smchd1	MmuINT0149002	chr17	71730798	71736284	-	0.021263
Smchd1	MmuINT0149004	chr17	71729549	71730671	-	0.017679
Smchd1	MmuINT0149005	chr17	71729040	71729468	-	0.021027
Smchd1	MmuINT0149006	chr17	71727604	71728881	-	0.026774
Smchd1	MmuINT0149008	chr17	71720337	71726353	-	0.034988
Smchd1	MmuINT0149009	chr17	71719696	71720248	-	0.038441
Smchd1	MmuINT0149010	chr17	71719301	71719563	-	0.036636
Smchd1	MmuINT0149011	chr17	71714813	71719147	-	0.025092
Smchd1	MmuINT0149012	chr17	71714549	71714685	-	0.013826
Smchd1	MmuINT0149015	chr17	71711304	71712359	-	0.015657
Smchd1	MmuINT0149016	chr17	71709558	71711180	-	0.021251
Smchd1	MmuINT0149017	chr17	71707798	71709366	-	0.026553
Smchd1	MmuINT0149018	chr17	71707548	71707687	-	0.023801
Smchd1	MmuINT0149019	chr17	71702898	71707476	-	0.035238
Smchd1	MmuINT0149020	chr17	71699089	71702725	-	0.013643
Smchd1	MmuINT0149021	chr17	71698341	71698929	-	0.018649
Smchd1	MmuINT0149022	chr17	71694706	71698225	-	0.015685
Smcr7	MmuINT0149029	chr11	60542070	60543784	+	0.017601
Smcr7	MmuINT0149030	chr11	60543938	60544131	+	0.211489
Smcr7	MmuINT0149031	chr11	60544295	60544417	+	0.022507
Smcr7l	MmuINT0149032	chr15	80064612	80066234	+	0.069411
Smcr7l	MmuINT0149033	chr15	80066584	80077166	+	0.016034
Smcr7l	MmuINT0149034	chr15	80077318	80078303	+	0.017194
Smcr7l	MmuINT0149035	chr15	80078482	80078670	+	0.03262
Smcr7l	MmuINT0149036	chr15	80078934	80079758	+	0.026836
Smcr8	MmuINT0149037	chr11	60593884	60597255	+	0.033392
Smek1	MmuINT0149039	chr12	1.02E+08	1.02E+08	-	0.043626
Smek1	MmuINT0149040	chr12	1.02E+08	1.02E+08	-	0.089963
Smek1	MmuINT0149041	chr12	1.02E+08	1.02E+08	-	0.036809
Smek1	MmuINT0149042	chr12	1.02E+08	1.02E+08	-	0.007766
Smek1	MmuINT0149043	chr12	1.02E+08	1.02E+08	-	0.044824
Smek1	MmuINT0149044	chr12	1.02E+08	1.02E+08	-	0.01559
Smek1	MmuINT0149045	chr12	1.02E+08	1.02E+08	-	0.016803
Smek1	MmuINT0149046	chr12	1.02E+08	1.02E+08	-	0.024029
Smek1	MmuINT0149047	chr12	1.02E+08	1.02E+08	-	0.013221
Smek1	MmuINT0149048	chr12	1.02E+08	1.02E+08	-	0.017102
Smek1	MmuINT0149049	chr12	1.02E+08	1.02E+08	-	0.020465
Smek1	MmuINT0149050	chr12	1.02E+08	1.02E+08	-	0.019497
Smek1	MmuINT0149051	chr12	1.02E+08	1.02E+08	-	0.021492
Smek2	MmuINT0149052	chr11	29073448	29074672	+	0.043294
Smek2	MmuINT0149053	chr11	29102909	29105545	+	0.03113
Smek2	MmuINT0149054	chr11	29105705	29109316	+	0.015917
Smek2	MmuINT0149055	chr11	29109487	29111115	+	0.015858
Smek2	MmuINT0149056	chr11	29111256	29111606	+	0.011167
Smek2	MmuINT0149057	chr11	29111792	29113593	+	0.014611
Smek2	MmuINT0149058	chr11	29113797	29118455	+	0.033129



Smek2	MmuINT0149059	chr11	29074729	29082446	+	0.03129
Smek2	MmuINT0149060	chr11	29082546	29087950	+	0.024387
Smek2	MmuINT0149061	chr11	29088575	29094572	+	0.034203
Smek2	MmuINT0149062	chr11	29094651	29096173	+	0.020312
Smek2	MmuINT0149063	chr11	29096291	29097092	+	0.016678
Smek2	MmuINT0149064	chr11	29097210	29098792	+	0.015774
Smek2	MmuINT0149065	chr11	29098925	29100700	+	0.033062
Smek2	MmuINT0149066	chr11	29100804	29102866	+	0.030859
Smg1	MmuINT0149068	chr7	1.25E+08	1.25E+08	-	0.033466
Smg1	MmuINT0149069	chr7	1.25E+08	1.25E+08	-	0.031416
Smg1	MmuINT0149070	chr7	1.25E+08	1.25E+08	-	0.057407
Smg1	MmuINT0149071	chr7	1.25E+08	1.25E+08	-	0.031652
Smg1	MmuINT0149072	chr7	1.25E+08	1.25E+08	-	0.038774
Smg1	MmuINT0149073	chr7	1.25E+08	1.25E+08	-	0.041354
Smg1	MmuINT0149074	chr7	1.25E+08	1.25E+08	-	0.040349
Smg1	MmuINT0149076	chr7	1.25E+08	1.25E+08	-	0.034977
Smg1	MmuINT0149077	chr7	1.25E+08	1.25E+08	-	0.042618
Smg1	MmuINT0149078	chr7	1.25E+08	1.25E+08	-	0.029677
Smg1	MmuINT0149079	chr7	1.25E+08	1.25E+08	-	0.032861
Smg1	MmuINT0149081	chr7	1.25E+08	1.25E+08	-	0.026789
Smg1	MmuINT0149082	chr7	1.25E+08	1.25E+08	-	0.036623
Smg1	MmuINT0149083	chr7	1.25E+08	1.25E+08	-	0.023427
Smg1	MmuINT0149084	chr7	1.25E+08	1.25E+08	-	0.030878
Smg1	MmuINT0149085	chr7	1.25E+08	1.25E+08	-	0.01984
Smg1	MmuINT0149086	chr7	1.25E+08	1.25E+08	-	0.025961
Smg1	MmuINT0149087	chr7	1.25E+08	1.25E+08	-	0.025301
Smg1	MmuINT0149088	chr7	1.25E+08	1.25E+08	-	0.023929
Smg1	MmuINT0149089	chr7	1.25E+08	1.25E+08	-	0.034181
Smg1	MmuINT0149090	chr7	1.25E+08	1.25E+08	-	0.020156
Smg1	MmuINT0149091	chr7	1.25E+08	1.25E+08	-	0.022938
Smg1	MmuINT0149092	chr7	1.25E+08	1.25E+08	-	0.028293
Smg1	MmuINT0149093	chr7	1.25E+08	1.25E+08	-	0.026667
Smg1	MmuINT0149094	chr7	1.25E+08	1.25E+08	-	0.021135
Smg1	MmuINT0149095	chr7	1.25E+08	1.25E+08	-	0.024671
Smg1	MmuINT0149096	chr7	1.25E+08	1.25E+08	-	0.022671
Smg1	MmuINT0149097	chr7	1.25E+08	1.25E+08	-	0.019226
Smg1	MmuINT0149098	chr7	1.25E+08	1.25E+08	-	0.017031
Smg1	MmuINT0149099	chr7	1.25E+08	1.25E+08	-	0.014811
Smg1	MmuINT0149101	chr7	1.25E+08	1.25E+08	-	0.018585
Smg1	MmuINT0149102	chr7	1.25E+08	1.25E+08	-	0.023128
Smg1	MmuINT0149103	chr7	1.25E+08	1.25E+08	-	0.019203
Smg1	MmuINT0149104	chr7	1.25E+08	1.25E+08	-	0.13514
Smg1	MmuINT0149105	chr7	1.25E+08	1.25E+08	-	0.161375
Smg1	MmuINT0149106	chr7	1.25E+08	1.25E+08	-	0.024983
Smg1	MmuINT0149107	chr7	1.25E+08	1.25E+08	-	0.020022
Smg1	MmuINT0149108	chr7	1.25E+08	1.25E+08	-	0.013442
Smg1	MmuINT0149109	chr7	1.25E+08	1.25E+08	-	0.011934
Smg1	MmuINT0149110	chr7	1.25E+08	1.25E+08	-	0.015507
Smg1	MmuINT0149111	chr7	1.25E+08	1.25E+08	-	0.041338
Smg1	MmuINT0149112	chr7	1.25E+08	1.25E+08	-	0.014243

Smg1	MmuINT0149113	chr7	1.25E+08	1.25E+08	-	0.074376
Smg1	MmuINT0149114	chr7	1.25E+08	1.25E+08	-	0.012555
Smg1	MmuINT0149115	chr7	1.25E+08	1.25E+08	-	0.011903
Smg1	MmuINT0149116	chr7	1.25E+08	1.25E+08	-	0.057273
Smg1	MmuINT0149117	chr7	1.25E+08	1.25E+08	-	0.094404
Smg1	MmuINT0149118	chr7	1.25E+08	1.25E+08	-	0.02214
Smg1	MmuINT0149119	chr7	1.25E+08	1.25E+08	-	0.036958
Smg1	MmuINT0149120	chr7	1.25E+08	1.25E+08	-	0.011805
Smg1	MmuINT0149121	chr7	1.25E+08	1.25E+08	-	0.034507
Smg1	MmuINT0149122	chr7	1.25E+08	1.25E+08	-	0.039983
Smg1	MmuINT0149123	chr7	1.25E+08	1.25E+08	-	0.070751
Smg1	MmuINT0149124	chr7	1.25E+08	1.25E+08	-	0.030037
Smg1	MmuINT0149125	chr7	1.25E+08	1.25E+08	-	0.077508
Smg1	MmuINT0149127	chr7	1.25E+08	1.25E+08	-	0.05749
Smg5	MmuINT0149129	chr3	88140420	88145779	+	0.00972
Smg5	MmuINT0149130	chr3	88154147	88154618	+	0.004679
Smg5	MmuINT0149131	chr3	88154757	88154900	+	0.009699
Smg5	MmuINT0149132	chr3	88155504	88156884	+	0.092747
Smg5	MmuINT0149133	chr3	88157061	88157797	+	0.041836
Smg5	MmuINT0149134	chr3	88157874	88158453	+	0.044245
Smg5	MmuINT0149135	chr3	88158630	88159499	+	0.009164
Smg5	MmuINT0149136	chr3	88159659	88162574	+	0.048917
Smg5	MmuINT0149137	chr3	88162635	88162948	+	0.009762
Smg5	MmuINT0149138	chr3	88163109	88163469	+	0.013961
Smg5	MmuINT0149139	chr3	88163561	88164252	+	0.023878
Smg5	MmuINT0149140	chr3	88145879	88146362	+	0.006178
Smg5	MmuINT0149141	chr3	88164328	88164675	+	0.037992
Smg5	MmuINT0149142	chr3	88164815	88164946	+	0.013107
Smg5	MmuINT0149143	chr3	88146487	88146801	+	0.007323
Smg5	MmuINT0149144	chr3	88146959	88149284	+	0.006258
Smg5	MmuINT0149145	chr3	88149375	88150366	+	0.0286
Smg5	MmuINT0149146	chr3	88150457	88151439	+	0.008923
Smg5	MmuINT0149147	chr3	88151519	88153063	+	0.031044
Smg5	MmuINT0149148	chr3	88153190	88153297	+	0.00707
Smg5	MmuINT0149149	chr3	88153367	88153937	+	0.006346
Smg6	MmuINT0149150	chr11	74739506	74742494	+	0.03321
Smg6	MmuINT0149151	chr11	74803718	74852114	+	0.014712
Smg6	MmuINT0149152	chr11	74852232	74855369	+	0.014133
Smg6	MmuINT0149153	chr11	74855539	74867263	+	0.017896
Smg6	MmuINT0149154	chr11	74867466	74952694	+	0.017947
Smg6	MmuINT0149155	chr11	74952872	74956258	+	0.009058
Smg6	MmuINT0149156	chr11	74956406	74969662	+	0.015113
Smg6	MmuINT0149157	chr11	74969817	74972677	+	0.077441
Smg6	MmuINT0149158	chr11	74972890	74973326	+	0.065459
Smg6	MmuINT0149159	chr11	74973409	74976321	+	0.091407
Smg6	MmuINT0149160	chr11	74744251	74745078	+	0.017597
Smg6	MmuINT0149161	chr11	74745272	74745842	+	0.034771
Smg6	MmuINT0149162	chr11	74745954	74748496	+	0.013671
Smg6	MmuINT0149163	chr11	74748604	74748860	+	0.036118
Smg6	MmuINT0149164	chr11	74748940	74759023	+	0.02591

Smg6	MmuINT0149165	chr11	74759135	74759508	+	0.017001
Smg6	MmuINT0149166	chr11	74759722	74795353	+	0.038244
Smg6	MmuINT0149167	chr11	74795416	74803571	+	0.021958
Smg7	MmuINT0149168	chr1	1.55E+08	1.55E+08	-	0.024755
Smg7	MmuINT0149170	chr1	1.55E+08	1.55E+08	-	0.013932
Smg7	MmuINT0149171	chr1	1.55E+08	1.55E+08	-	0.011333
Smg7	MmuINT0149172	chr1	1.55E+08	1.55E+08	-	0.037659
Smg7	MmuINT0149173	chr1	1.55E+08	1.55E+08	-	0.212288
Smg7	MmuINT0149174	chr1	1.55E+08	1.55E+08	-	0.009336
Smg7	MmuINT0149175	chr1	1.55E+08	1.55E+08	-	0.030175
Smg7	MmuINT0149176	chr1	1.55E+08	1.55E+08	-	0.008608
Smg7	MmuINT0149177	chr1	1.55E+08	1.55E+08	-	0.006843
Smg7	MmuINT0149178	chr1	1.55E+08	1.55E+08	-	0.015629
Smg7	MmuINT0149179	chr1	1.55E+08	1.55E+08	-	0.011446
Smg7	MmuINT0149180	chr1	1.55E+08	1.55E+08	-	0.039506
Smg7	MmuINT0149181	chr1	1.55E+08	1.55E+08	-	0.01645
Smg7	MmuINT0149182	chr1	1.55E+08	1.55E+08	-	0.009498
Smg7	MmuINT0149183	chr1	1.55E+08	1.55E+08	-	0.014351
Smg7	MmuINT0149184	chr1	1.55E+08	1.55E+08	-	0.011779
Smg7	MmuINT0149185	chr1	1.55E+08	1.55E+08	-	0.011348
Smg7	MmuINT0149186	chr1	1.55E+08	1.55E+08	-	0.022899
Smg7	MmuINT0149187	chr1	1.55E+08	1.55E+08	-	0.008149
Smn1	MmuINT0149208	chr13	1.01E+08	1.01E+08	+	0.03882
Smn1	MmuINT0149209	chr13	1.01E+08	1.01E+08	+	0.016652
Smn1	MmuINT0149210	chr13	1.01E+08	1.01E+08	+	0.040443
Smn1	MmuINT0149211	chr13	1.01E+08	1.01E+08	+	0.013569
Smn1	MmuINT0149212	chr13	1.01E+08	1.01E+08	+	0.056817
Smn1	MmuINT0149213	chr13	1.01E+08	1.01E+08	+	0.030373
Smn1	MmuINT0149214	chr13	1.01E+08	1.01E+08	+	0.025367
Smn1	MmuINT0149215	chr13	1.01E+08	1.01E+08	+	0.083594
Smndc1	MmuINT0149217	chr19	53459087	53463792	-	0.009296
Smndc1	MmuINT0149218	chr19	53458209	53458943	-	0.013597
Smndc1	MmuINT0149220	chr19	53455092	53455730	-	0.003422
Smo	MmuINT0149222	chr6	29709015	29709483	+	0.089386
Smo	MmuINT0149223	chr6	29709619	29709851	+	0.016968
Smo	MmuINT0149224	chr6	29703676	29704321	+	0.022843
Smo	MmuINT0149225	chr6	29704532	29704691	+	0.032033
Smo	MmuINT0149227	chr6	29705394	29705482	+	0.022885
Smo	MmuINT0149229	chr6	29706874	29707256	+	0.039295
Smo	MmuINT0149230	chr6	29707366	29708335	+	0.083416
Smo	MmuINT0149231	chr6	29708522	29708865	+	0.097995
Smoc2	MmuINT0149243	chr17	14416807	14462541	+	0.008265
Smoc2	MmuINT0149244	chr17	14534631	14536377	+	0.014762
Smoc2	MmuINT0149245	chr17	14536653	14538548	+	0.006414
Smoc2	MmuINT0149246	chr17	14538590	14540501	+	0.018338
Smoc2	MmuINT0149247	chr17	14462714	14473553	+	0.004626
Smoc2	MmuINT0149248	chr17	14473661	14474668	+	0.007679
Smoc2	MmuINT0149249	chr17	14474769	14481333	+	0.009829
Smoc2	MmuINT0149250	chr17	14481382	14484213	+	0.036414
Smoc2	MmuINT0149251	chr17	14484265	14485710	+	0.007769

Smoc2	MmuINT0149252	chr17	14485786	14505914	+	0.007259
Smoc2	MmuINT0149253	chr17	14506102	14512443	+	0.004723
Smoc2	MmuINT0149254	chr17	14512527	14534527	+	0.006378
Smox	MmuINT0149262	chr2	1.31E+08	1.31E+08	+	0.017978
Smox	MmuINT0149263	chr2	1.31E+08	1.31E+08	+	0.030016
Smox	MmuINT0149264	chr2	1.31E+08	1.31E+08	+	0.017168
Smox	MmuINT0149265	chr2	1.31E+08	1.31E+08	+	0.564444
Smox	MmuINT0149266	chr2	1.31E+08	1.31E+08	+	0.497665
Smpd1	MmuINT0149272	chr7	1.13E+08	1.13E+08	+	0.003387
Smpd1	MmuINT0149273	chr7	1.13E+08	1.13E+08	+	0.004661
Smpd1	MmuINT0149274	chr7	1.13E+08	1.13E+08	+	0.010155
Smpd1	MmuINT0149275	chr7	1.13E+08	1.13E+08	+	0.006479
Smpd1	MmuINT0149276	chr7	1.13E+08	1.13E+08	+	0.00198
Smpd2	MmuINT0149277	chr10	41209367	41209788	-	0.024621
Smpd2	MmuINT0149278	chr10	41209158	41209269	-	0.004875
Smpd2	MmuINT0149279	chr10	41208831	41209080	-	0.134283
Smpd2	MmuINT0149280	chr10	41208630	41208736	-	0.038335
Smpd2	MmuINT0149281	chr10	41208322	41208539	-	0.059989
Smpd2	MmuINT0149282	chr10	41208116	41208238	-	0.059238
Smpd2	MmuINT0149283	chr10	41207904	41207982	-	0.049479
Smpd2	MmuINT0149284	chr10	41207632	41207798	-	0.020937
Smpd2	MmuINT0149285	chr10	41207389	41207477	-	0.007908
Smpd4	MmuINT0149297	chr16	17619528	17621534	+	0.023247
Smpd4	MmuINT0149298	chr16	17632151	17638588	+	0.350868
Smpd4	MmuINT0149299	chr16	17638735	17639366	+	0.02204
Smpd4	MmuINT0149300	chr16	17639458	17639837	+	0.015244
Smpd4	MmuINT0149301	chr16	17640383	17640957	+	0.01135
Smpd4	MmuINT0149302	chr16	17641155	17641454	+	0.012514
Smpd4	MmuINT0149303	chr16	17641689	17641790	+	0.009879
Smpd4	MmuINT0149304	chr16	17641923	17642261	+	0.031756
Smpd4	MmuINT0149305	chr16	17642391	17642566	+	0.078093
Smpd4	MmuINT0149306	chr16	17621619	17623997	+	0.02071
Smpd4	MmuINT0149307	chr16	17624085	17625812	+	0.019764
Smpd4	MmuINT0149308	chr16	17625956	17626036	+	0.0526
Smpd4	MmuINT0149309	chr16	17626113	17626522	+	0.056546
Smpd4	MmuINT0149310	chr16	17626632	17626731	+	0.026534
Smpd4	MmuINT0149311	chr16	17626785	17626894	+	0.020444
Smpd4	MmuINT0149312	chr16	17627047	17629161	+	0.013142
Smpd4	MmuINT0149313	chr16	17629292	17632078	+	0.01604
Smpdl3a	MmuINT0149316	chr10	57514591	57520716	+	0.010581
Smpdl3a	MmuINT0149317	chr10	57520931	57522225	+	0.00434
Smpdl3a	MmuINT0149318	chr10	57522371	57525372	+	0.008711
Smpdl3a	MmuINT0149319	chr10	57525470	57527160	+	0.003859
Smpdl3a	MmuINT0149320	chr10	57527331	57527682	+	0.002403
Smpdl3a	MmuINT0149321	chr10	57527864	57528851	+	0.002208
Smpdl3a	MmuINT0149322	chr10	57528977	57531018	+	0.002546
Smpx	MmuINT0149330	chrX	1.54E+08	1.54E+08	+	0.000327
Smpx	MmuINT0149331	chrX	1.54E+08	1.54E+08	+	0.000624
Smpx	MmuINT0149332	chrX	1.54E+08	1.54E+08	+	0.000985
Smpx	MmuINT0149333	chrX	1.54E+08	1.54E+08	+	0.000683

Smpx	MmuINT0149334	chrX	1.54E+08	1.54E+08	+	0.00098
Smtn	MmuINT0149351	chr11	3437440	3439114	-	0.008886
Smtn	MmuINT0149352	chr11	3429616	3429769	-	0.014125
Smtn	MmuINT0149353	chr11	3426484	3429442	-	0.031515
Smtn	MmuINT0149354	chr11	3426244	3426330	-	0.001113
Smtn	MmuINT0149355	chr11	3425210	3426167	-	0.447182
Smtn	MmuINT0149356	chr11	3424949	3425044	-	0.002155
Smtn	MmuINT0149357	chr11	3424730	3424885	-	0.307212
Smtn	MmuINT0149358	chr11	3422952	3424635	-	0.003211
Smtn	MmuINT0149359	chr11	3422582	3422777	-	0.001054
Smtn	MmuINT0149360	chr11	3421972	3422463	-	0.000896
Smtn	MmuINT0149362	chr11	3433527	3437325	-	0.015373
Smtn	MmuINT0149363	chr11	3417831	3420754	-	0.439796
Smtn	MmuINT0149364	chr11	3432858	3433377	-	0.019018
Smtn	MmuINT0149365	chr11	3432680	3432763	-	0.017579
Smtn	MmuINT0149366	chr11	3432512	3432600	-	0.018838
Smtn	MmuINT0149367	chr11	3431526	3432413	-	0.022759
Smtn	MmuINT0149368	chr11	3431121	3431204	-	0.020261
Smtn	MmuINT0149369	chr11	3430445	3431047	-	0.028503
Smtn	MmuINT0149370	chr11	3430286	3430372	-	0.012063
Smtnl2	MmuINT0149379	chr11	72216753	72217418	-	0.014596
Smtnl2	MmuINT0149380	chr11	72216003	72216512	-	0.035149
Smtnl2	MmuINT0149384	chr11	72204916	72213375	-	0.01728
Smu1	MmuINT0149385	chr4	40702871	40704809	-	0.006364
Smu1	MmuINT0149386	chr4	40685476	40686551	-	0.012527
Smu1	MmuINT0149387	chr4	40684429	40685322	-	0.00445
Smu1	MmuINT0149388	chr4	40701694	40702659	-	0.004894
Smu1	MmuINT0149389	chr4	40700631	40701540	-	0.005172
Smu1	MmuINT0149390	chr4	40699087	40700519	-	0.005181
Smu1	MmuINT0149391	chr4	40695692	40698957	-	0.004978
Smu1	MmuINT0149392	chr4	40692602	40695571	-	0.004457
Smu1	MmuINT0149393	chr4	40691192	40692484	-	0.004272
Smu1	MmuINT0149394	chr4	40690175	40691063	-	0.005874
Smu1	MmuINT0149395	chr4	40686720	40690047	-	0.022554
Smug1	MmuINT0149400	chr15	1.03E+08	1.03E+08	-	0.138578
Smurf1	MmuINT0149402	chr5	1.46E+08	1.46E+08	-	0.032204
Smurf1	MmuINT0149403	chr5	1.46E+08	1.46E+08	-	0.009208
Smurf1	MmuINT0149404	chr5	1.46E+08	1.46E+08	-	0.021911
Smurf1	MmuINT0149405	chr5	1.46E+08	1.46E+08	-	0.016935
Smurf1	MmuINT0149406	chr5	1.46E+08	1.46E+08	-	0.029814
Smurf1	MmuINT0149407	chr5	1.46E+08	1.46E+08	-	0.01871
Smurf1	MmuINT0149408	chr5	1.46E+08	1.46E+08	-	0.010747
Smurf1	MmuINT0149409	chr5	1.46E+08	1.46E+08	-	0.033693
Smurf1	MmuINT0149410	chr5	1.46E+08	1.46E+08	-	0.016526
Smurf1	MmuINT0149411	chr5	1.46E+08	1.46E+08	-	0.010712
Smurf1	MmuINT0149412	chr5	1.46E+08	1.46E+08	-	0.030253
Smurf1	MmuINT0149413	chr5	1.46E+08	1.46E+08	-	0.028863
Smurf1	MmuINT0149414	chr5	1.46E+08	1.46E+08	-	0.013699
Smurf1	MmuINT0149415	chr5	1.46E+08	1.46E+08	-	0.012703
Smurf1	MmuINT0149416	chr5	1.46E+08	1.46E+08	-	0.062075

Smurf1	MmuINT0149417	chr5	1.46E+08	1.46E+08	-	0.021986
Smurf2	MmuINT0149419	chr11	1.07E+08	1.07E+08	-	0.010603
Smurf2	MmuINT0149420	chr11	1.07E+08	1.07E+08	-	0.008668
Smurf2	MmuINT0149421	chr11	1.07E+08	1.07E+08	-	0.013287
Smurf2	MmuINT0149422	chr11	1.07E+08	1.07E+08	-	0.009467
Smurf2	MmuINT0149423	chr11	1.07E+08	1.07E+08	-	0.016859
Smurf2	MmuINT0149424	chr11	1.07E+08	1.07E+08	-	0.024018
Smurf2	MmuINT0149425	chr11	1.07E+08	1.07E+08	-	0.020164
Smurf2	MmuINT0149426	chr11	1.07E+08	1.07E+08	-	0.029884
Smurf2	MmuINT0149427	chr11	1.07E+08	1.07E+08	-	0.013574
Smurf2	MmuINT0149428	chr11	1.07E+08	1.07E+08	-	0.028663
Smurf2	MmuINT0149429	chr11	1.07E+08	1.07E+08	-	0.022143
Smurf2	MmuINT0149430	chr11	1.07E+08	1.07E+08	-	0.010085
Smurf2	MmuINT0149431	chr11	1.07E+08	1.07E+08	-	0.012155
Smurf2	MmuINT0149432	chr11	1.07E+08	1.07E+08	-	0.012144
Smurf2	MmuINT0149433	chr11	1.07E+08	1.07E+08	-	0.01064
Smurf2	MmuINT0149434	chr11	1.07E+08	1.07E+08	-	0.011982
Smurf2	MmuINT0149435	chr11	1.07E+08	1.07E+08	-	0.012037
Smyd1	MmuINT0149438	chr6	71189721	71212061	-	0.000409
Smyd1	MmuINT0149439	chr6	71188756	71189543	-	0.000395
Smyd1	MmuINT0149440	chr6	71187482	71188541	-	0.00069
Smyd1	MmuINT0149441	chr6	71175516	71187350	-	0.006155
Smyd1	MmuINT0149442	chr6	71171015	71175325	-	0.013277
Smyd1	MmuINT0149443	chr6	71169416	71170921	-	0.001044
Smyd1	MmuINT0149444	chr6	71166891	71169251	-	0.001781
Smyd1	MmuINT0149445	chr6	71165904	71166721	-	0.001848
Smyd2	MmuINT0149446	chr1	1.92E+08	1.92E+08	-	0.017594
Smyd2	MmuINT0149447	chr1	1.92E+08	1.92E+08	-	0.03006
Smyd2	MmuINT0149448	chr1	1.92E+08	1.92E+08	-	0.002049
Smyd2	MmuINT0149449	chr1	1.92E+08	1.92E+08	-	0.005883
Smyd2	MmuINT0149450	chr1	1.92E+08	1.92E+08	-	0.001399
Smyd2	MmuINT0149451	chr1	1.92E+08	1.92E+08	-	0.001764
Smyd2	MmuINT0149452	chr1	1.92E+08	1.92E+08	-	0.004661
Smyd2	MmuINT0149453	chr1	1.92E+08	1.92E+08	-	0.007284
Smyd2	MmuINT0149454	chr1	1.92E+08	1.92E+08	-	0.001602
Smyd2	MmuINT0149455	chr1	1.92E+08	1.92E+08	-	0.030993
Smyd2	MmuINT0149456	chr1	1.92E+08	1.92E+08	-	0.042465
Smyd3	MmuINT0149458	chr1	1.81E+08	1.81E+08	-	0.024027
Smyd3	MmuINT0149459	chr1	1.81E+08	1.81E+08	-	0.03154
Smyd3	MmuINT0149465	chr1	1.81E+08	1.81E+08	-	0.033554
Smyd3	MmuINT0149466	chr1	1.81E+08	1.81E+08	-	0.030791
Smyd3	MmuINT0149467	chr1	1.81E+08	1.81E+08	-	0.033654
Smyd4	MmuINT0149468	chr11	75162254	75163170	+	0.055767
Smyd4	MmuINT0149469	chr11	75217043	75218267	+	0.045325
Smyd4	MmuINT0149470	chr11	75163317	75195751	+	0.062531
Smyd4	MmuINT0149471	chr11	75195897	75200912	+	0.190865
Smyd4	MmuINT0149472	chr11	75201003	75203573	+	0.057226
Smyd4	MmuINT0149473	chr11	75204730	75213102	+	0.026375
Smyd4	MmuINT0149474	chr11	75213286	75213783	+	0.031748
Smyd4	MmuINT0149475	chr11	75213948	75215619	+	0.106137

Smyd4	MmuINT0149476	chr11	75215753	75216610	+	0.086785
Smyd4	MmuINT0149477	chr11	75216728	75216918	+	0.034281
Smyd5	MmuINT0149478	chr6	85382095	85388101	+	0.032426
Smyd5	MmuINT0149479	chr6	85392650	85394236	+	0.11185
Smyd5	MmuINT0149480	chr6	85394332	85394911	+	0.029067
Smyd5	MmuINT0149481	chr6	85394983	85395062	+	0.017086
Smyd5	MmuINT0149482	chr6	85388211	85388743	+	0.030897
Smyd5	MmuINT0149483	chr6	85388884	85389650	+	0.030289
Smyd5	MmuINT0149484	chr6	85389770	85390099	+	0.060617
Smyd5	MmuINT0149485	chr6	85390170	85390633	+	0.048734
Smyd5	MmuINT0149486	chr6	85390739	85391553	+	0.15275
Smyd5	MmuINT0149487	chr6	85391617	85391731	+	0.141942
Smyd5	MmuINT0149488	chr6	85391803	85392104	+	0.099601
Smyd5	MmuINT0149489	chr6	85392212	85392592	+	0.07839
Snai1	MmuINT0149491	chr2	1.67E+08	1.67E+08	+	0.101193
Snap23	MmuINT0149499	chr2	1.2E+08	1.2E+08	+	0.025668
Snap23	MmuINT0149500	chr2	1.2E+08	1.2E+08	+	0.004329
Snap23	MmuINT0149501	chr2	1.2E+08	1.2E+08	+	0.035019
Snap23	MmuINT0149502	chr2	1.2E+08	1.2E+08	+	0.067296
Snap23	MmuINT0149503	chr2	1.2E+08	1.2E+08	+	0.003538
Snap29	MmuINT0149512	chr16	17406453	17419356	+	0.015367
Snap29	MmuINT0149513	chr16	17419554	17422558	+	0.00917
Snap29	MmuINT0149514	chr16	17422645	17427129	+	0.020578
Snap29	MmuINT0149515	chr16	17427235	17428235	+	0.012193
Snap47	MmuINT0149516	chr11	59252016	59263416	-	0.006621
Snap47	MmuINT0149517	chr11	59242316	59251479	-	0.004054
Snap47	MmuINT0149518	chr11	59235152	59241842	-	0.004182
Snap47	MmuINT0149519	chr11	59221313	59235026	-	0.006637
Snap91	MmuINT0149524	chr9	86699403	86701303	-	0.029307
Snap91	MmuINT0149530	chr9	86686859	86686996	-	0.039412
Snap91	MmuINT0149531	chr9	86734490	86774256	-	0.029511
Snap91	MmuINT0149535	chr9	86676554	86678132	-	0.027595
Snap91	MmuINT0149536	chr9	86671899	86676403	-	0.027729
Snap91	MmuINT0149537	chr9	86670526	86671867	-	0.036932
Snap91	MmuINT0149538	chr9	86669115	86670425	-	0.06346
Snap91	MmuINT0149539	chr9	86668458	86669030	-	0.063962
Snap91	MmuINT0149542	chr9	86732969	86733626	-	0.03283
Snap91	MmuINT0149544	chr9	86730056	86731462	-	0.048405
Snap91	MmuINT0149545	chr9	86719913	86729943	-	0.037179
Snapc1	MmuINT0149548	chr12	75065734	75068894	+	0.015103
Snapc1	MmuINT0149549	chr12	75069055	75069225	+	0.023149
Snapc1	MmuINT0149550	chr12	75069367	75070513	+	0.017659
Snapc1	MmuINT0149551	chr12	75070619	75071167	+	0.021156
Snapc1	MmuINT0149552	chr12	75071327	75072871	+	0.016853
Snapc1	MmuINT0149553	chr12	75072941	75073523	+	0.03233
Snapc1	MmuINT0149554	chr12	75073587	75075997	+	0.034845
Snapc1	MmuINT0149555	chr12	75076149	75083464	+	0.024138
Snapc1	MmuINT0149556	chr12	75083567	75084849	+	0.103941
Snapc2	MmuINT0149557	chr8	4253305	4254281	+	0.02442
Snapc2	MmuINT0149558	chr8	4254402	4254550	+	0.004746

Snapc3	MmuINT0149561	chr4	83063959	83064609	+	0.016973
Snapc3	MmuINT0149562	chr4	83064688	83073685	+	0.021836
Snapc3	MmuINT0149563	chr4	83073771	83081094	+	0.018765
Snapc3	MmuINT0149564	chr4	83081200	83082227	+	0.014844
Snapc3	MmuINT0149565	chr4	83082378	83087790	+	0.013544
Snapc3	MmuINT0149566	chr4	83087874	83095974	+	0.176798
Snapc3	MmuINT0149567	chr4	83096140	83097108	+	0.015778
Snapc3	MmuINT0149568	chr4	83097217	83098944	+	0.013555
Snapc4	MmuINT0149571	chr2	26229706	26230011	-	0.058934
Snapc4	MmuINT0149572	chr2	26228987	26229540	-	0.500089
Snapc4	MmuINT0149573	chr2	26228601	26228838	-	0.157211
Snapc4	MmuINT0149574	chr2	26228346	26228493	-	0.085098
Snapc4	MmuINT0149575	chr2	26226401	26228250	-	0.513417
Snapc4	MmuINT0149576	chr2	26225512	26226305	-	0.045576
Snapc4	MmuINT0149577	chr2	26225133	26225431	-	0.049149
Snapc4	MmuINT0149578	chr2	26223929	26224658	-	0.060457
Snapc4	MmuINT0149579	chr2	26223326	26223663	-	0.08252
Snapc4	MmuINT0149580	chr2	26222822	26223254	-	0.102439
Snapc4	MmuINT0149582	chr2	26221957	26222710	-	0.111129
Snapc4	MmuINT0149583	chr2	26221558	26221928	-	0.263642
Snapc4	MmuINT0149584	chr2	26219289	26220139	-	0.280861
Snapc4	MmuINT0149585	chr2	26218541	26219157	-	0.063931
Snapc4	MmuINT0149587	chr2	26232557	26233540	-	0.193938
Snapc4	MmuINT0149588	chr2	26232246	26232388	-	0.083718
Snapc4	MmuINT0149591	chr2	26230268	26231127	-	0.041535
Snapc4	MmuINT0149592	chr2	26230085	26230162	-	0.029832
Snapc5	MmuINT0149593	chr9	64027228	64028305	+	0.003599
Snapc5	MmuINT0149594	chr9	64028396	64029948	+	0.003544
Snapi	MmuINT0149595	chr3	90294517	90294753	-	0.064926
Snapi	MmuINT0149596	chr3	90294195	90294469	-	0.043694
Sncap	MmuINT0149608	chr18	53029062	53030955	+	0.028683
Sncap	MmuINT0149610	chr18	53044736	53054487	+	0.052011
Sncap	MmuINT0149613	chr18	53065552	53066071	+	0.042913
Sncg	MmuINT0149619	chr14	35186899	35187645	-	0.037608
Sncg	MmuINT0149620	chr14	35186570	35186856	-	0.051683
Sncg	MmuINT0149621	chr14	35184103	35186441	-	0.038589
Sncg	MmuINT0149622	chr14	35183752	35184042	-	0.253429
Snd1	MmuINT0149623	chr6	28430643	28462834	+	0.008841
Snd1	MmuINT0149624	chr6	28495599	28576099	+	0.004951
Snd1	MmuINT0149625	chr6	28576190	28618557	+	0.004217
Snd1	MmuINT0149626	chr6	28618659	28657033	+	0.006795
Snd1	MmuINT0149627	chr6	28657145	28674908	+	0.007247
Snd1	MmuINT0149628	chr6	28674982	28695184	+	0.005113
Snd1	MmuINT0149629	chr6	28695327	28745828	+	0.004355
Snd1	MmuINT0149630	chr6	28745939	28824860	+	0.004279
Snd1	MmuINT0149631	chr6	28825050	28830196	+	0.009634
Snd1	MmuINT0149632	chr6	28830339	28833257	+	0.006312
Snd1	MmuINT0149633	chr6	28833382	28834187	+	0.007664
Snd1	MmuINT0149634	chr6	28462985	28470144	+	0.004631
Snd1	MmuINT0149635	chr6	28834258	28834955	+	0.009248



Snd1	MmuINT0149636	chr6	28835070	28836413	+	0.007707
Snd1	MmuINT0149637	chr6	28836618	28838078	+	0.006122
Snd1	MmuINT0149638	chr6	28838124	28838234	+	0.005806
Snd1	MmuINT0149639	chr6	28470266	28473726	+	0.005419
Snd1	MmuINT0149640	chr6	28473806	28476052	+	0.003968
Snd1	MmuINT0149641	chr6	28476214	28476908	+	0.004849
Snd1	MmuINT0149642	chr6	28477001	28477576	+	0.004688
Snd1	MmuINT0149643	chr6	28477736	28478912	+	0.004534
Snd1	MmuINT0149644	chr6	28479020	28481408	+	0.00545
Snd1	MmuINT0149645	chr6	28481500	28495484	+	0.005426
Snf8	MmuINT0149676	chr11	95896382	95896632	+	0.017446
Snf8	MmuINT0149681	chr11	95906617	95907593	+	0.023951
Snf8	MmuINT0149682	chr11	95907669	95908508	+	0.066446
Snhg12	MmuINT0149697	chr4	1.32E+08	1.32E+08	+	0.320169
Snhg12	MmuINT0149698	chr4	1.32E+08	1.32E+08	+	0.21702
Snhg12	MmuINT0149699	chr4	1.32E+08	1.32E+08	+	0.282401
Snhg3	MmuINT0149701	chr4	1.32E+08	1.32E+08	-	0.155606
Snhg3	MmuINT0149702	chr4	1.32E+08	1.32E+08	-	0.096999
Snip1	MmuINT0149710	chr4	1.25E+08	1.25E+08	+	0.0473
Snip1	MmuINT0149711	chr4	1.25E+08	1.25E+08	+	0.017928
Snip1	MmuINT0149712	chr4	1.25E+08	1.25E+08	+	0.0086
Snn	MmuINT0149713	chr16	11066541	11072324	+	0.033187
Snrk	MmuINT0149720	chr9	1.22E+08	1.22E+08	+	0.13156
Snrk	MmuINT0149721	chr9	1.22E+08	1.22E+08	+	0.182643
Snrk	MmuINT0149722	chr9	1.22E+08	1.22E+08	+	0.003925
Snrk	MmuINT0149723	chr9	1.22E+08	1.22E+08	+	0.064576
Snrk	MmuINT0149724	chr9	1.22E+08	1.22E+08	+	0.074989
Snrk	MmuINT0149725	chr9	1.22E+08	1.22E+08	+	0.025304
Snrnp200	MmuINT0149726	chr2	1.27E+08	1.27E+08	+	0.007539
Snrnp200	MmuINT0149727	chr2	1.27E+08	1.27E+08	+	0.0122
Snrnp200	MmuINT0149728	chr2	1.27E+08	1.27E+08	+	0.00914
Snrnp200	MmuINT0149729	chr2	1.27E+08	1.27E+08	+	0.00778
Snrnp200	MmuINT0149730	chr2	1.27E+08	1.27E+08	+	0.007776
Snrnp200	MmuINT0149731	chr2	1.27E+08	1.27E+08	+	0.013843
Snrnp200	MmuINT0149732	chr2	1.27E+08	1.27E+08	+	0.007311
Snrnp200	MmuINT0149733	chr2	1.27E+08	1.27E+08	+	0.009715
Snrnp200	MmuINT0149734	chr2	1.27E+08	1.27E+08	+	0.008707
Snrnp200	MmuINT0149735	chr2	1.27E+08	1.27E+08	+	0.00636
Snrnp200	MmuINT0149736	chr2	1.27E+08	1.27E+08	+	0.010133
Snrnp200	MmuINT0149737	chr2	1.27E+08	1.27E+08	+	0.006776
Snrnp200	MmuINT0149738	chr2	1.27E+08	1.27E+08	+	0.007503
Snrnp200	MmuINT0149739	chr2	1.27E+08	1.27E+08	+	0.004607
Snrnp200	MmuINT0149740	chr2	1.27E+08	1.27E+08	+	0.00873
Snrnp200	MmuINT0149741	chr2	1.27E+08	1.27E+08	+	0.01523
Snrnp200	MmuINT0149742	chr2	1.27E+08	1.27E+08	+	0.006735
Snrnp200	MmuINT0149743	chr2	1.27E+08	1.27E+08	+	0.013524
Snrnp200	MmuINT0149744	chr2	1.27E+08	1.27E+08	+	0.007661
Snrnp200	MmuINT0149745	chr2	1.27E+08	1.27E+08	+	0.008924
Snrnp200	MmuINT0149746	chr2	1.27E+08	1.27E+08	+	0.011157
Snrnp200	MmuINT0149747	chr2	1.27E+08	1.27E+08	+	0.00607

Snrnp200	MmuINT0149748	chr2	1.27E+08	1.27E+08	+	0.006209
Snrnp200	MmuINT0149749	chr2	1.27E+08	1.27E+08	+	0.004801
Snrnp200	MmuINT0149750	chr2	1.27E+08	1.27E+08	+	0.013491
Snrnp200	MmuINT0149751	chr2	1.27E+08	1.27E+08	+	0.005607
Snrnp200	MmuINT0149752	chr2	1.27E+08	1.27E+08	+	0.004299
Snrnp200	MmuINT0149753	chr2	1.27E+08	1.27E+08	+	0.011904
Snrnp200	MmuINT0149754	chr2	1.27E+08	1.27E+08	+	0.023756
Snrnp200	MmuINT0149755	chr2	1.27E+08	1.27E+08	+	0.012294
Snrnp200	MmuINT0149756	chr2	1.27E+08	1.27E+08	+	0.005572
Snrnp200	MmuINT0149757	chr2	1.27E+08	1.27E+08	+	0.008224
Snrnp200	MmuINT0149758	chr2	1.27E+08	1.27E+08	+	0.008643
Snrnp200	MmuINT0149759	chr2	1.27E+08	1.27E+08	+	0.00842
Snrnp200	MmuINT0149760	chr2	1.27E+08	1.27E+08	+	0.009193
Snrnp200	MmuINT0149761	chr2	1.27E+08	1.27E+08	+	0.044868
Snrnp200	MmuINT0149762	chr2	1.27E+08	1.27E+08	+	0.004386
Snrnp200	MmuINT0149763	chr2	1.27E+08	1.27E+08	+	0.015959
Snrnp200	MmuINT0149764	chr2	1.27E+08	1.27E+08	+	0.016941
Snrnp200	MmuINT0149765	chr2	1.27E+08	1.27E+08	+	0.009551
Snrnp200	MmuINT0149766	chr2	1.27E+08	1.27E+08	+	0.008158
Snrnp200	MmuINT0149767	chr2	1.27E+08	1.27E+08	+	0.009864
Snrnp200	MmuINT0149768	chr2	1.27E+08	1.27E+08	+	0.0082
Snrnp200	MmuINT0149769	chr2	1.27E+08	1.27E+08	+	0.010127
Snrnp25	MmuINT0149770	chr11	32105664	32106959	+	0.029099
Snrnp25	MmuINT0149771	chr11	32107051	32107556	+	0.034862
Snrnp25	MmuINT0149772	chr11	32107663	32108333	+	0.02844
Snrnp25	MmuINT0149773	chr11	32108409	32108684	+	0.036323
Snrnp27	MmuINT0149774	chr6	86632971	86634440	-	0.017411
Snrnp27	MmuINT0149775	chr6	86631698	86632849	-	0.003274
Snrnp27	MmuINT0149776	chr6	86630981	86631584	-	0.025134
Snrnp27	MmuINT0149777	chr6	86626281	86630900	-	0.006965
Snrnp27	MmuINT0149778	chr6	86625575	86626215	-	0.003638
Snrnp35	MmuINT0149779	chr5	1.25E+08	1.25E+08	+	0.06721
Snrnp40	MmuINT0149780	chr4	1.3E+08	1.3E+08	+	0.015769
Snrnp40	MmuINT0149781	chr4	1.3E+08	1.3E+08	+	0.009185
Snrnp40	MmuINT0149782	chr4	1.3E+08	1.3E+08	+	0.012036
Snrnp40	MmuINT0149783	chr4	1.3E+08	1.3E+08	+	0.011004
Snrnp40	MmuINT0149784	chr4	1.3E+08	1.3E+08	+	0.02385
Snrnp40	MmuINT0149785	chr4	1.3E+08	1.3E+08	+	0.01262
Snrnp40	MmuINT0149786	chr4	1.3E+08	1.3E+08	+	0.02195
Snrnp40	MmuINT0149787	chr4	1.3E+08	1.3E+08	+	0.020226
Snrnp40	MmuINT0149788	chr4	1.3E+08	1.3E+08	+	0.014833
Snrnp48	MmuINT0149789	chr13	38296998	38301745	+	0.008557
Snrnp48	MmuINT0149790	chr13	38301860	38302075	+	0.024666
Snrnp48	MmuINT0149791	chr13	38302137	38302935	+	0.016912
Snrnp48	MmuINT0149792	chr13	38303011	38308193	+	0.118582
Snrnp48	MmuINT0149793	chr13	38308383	38309242	+	0.016213
Snrnp48	MmuINT0149794	chr13	38309365	38312556	+	0.161757
Snrnp48	MmuINT0149795	chr13	38312646	38313103	+	0.008044
Snrnp48	MmuINT0149796	chr13	38313263	38318742	+	0.022448
Snrnp70	MmuINT0149797	chr7	52650186	52650878	-	0.002251

Snrnp70	MmuINT0149798	chr7	52647696	52650028	-	0.001229
Snrnp70	MmuINT0149799	chr7	52647504	52647632	-	0.003312
Snrnp70	MmuINT0149800	chr7	52642824	52647448	-	0.023712
Snrnp70	MmuINT0149801	chr7	52642676	52642758	-	0.00432
Snrnp70	MmuINT0149802	chr7	52639256	52642612	-	0.036414
Snrnp70	MmuINT0149803	chr7	52636189	52639173	-	0.523874
Snrnp70	MmuINT0149804	chr7	52632814	52636086	-	0.011441
Snrnp70	MmuINT0149805	chr7	52632649	52632725	-	0.002019
Snrpa	MmuINT0149808	chr7	27974552	27976622	-	0.003554
Snrpa1	MmuINT0149811	chr7	73205579	73207009	+	0.007127
Snrpa1	MmuINT0149812	chr7	73207158	73208652	+	0.009728
Snrpa1	MmuINT0149813	chr7	73208732	73214052	+	0.010167
Snrpa1	MmuINT0149814	chr7	73214100	73214309	+	0.021518
Snrpa1	MmuINT0149815	chr7	73214413	73215004	+	0.051798
Snrpa1	MmuINT0149816	chr7	73215085	73215475	+	0.081462
Snrpa1	MmuINT0149817	chr7	73215552	73216117	+	0.009139
Snrpa1	MmuINT0149818	chr7	73216212	73219207	+	0.027222
Snrpb	MmuINT0149819	chr2	1.3E+08	1.3E+08	-	0.00152
Snrpb	MmuINT0149820	chr2	1.3E+08	1.3E+08	-	0.006164
Snrpb	MmuINT0149821	chr2	1.3E+08	1.3E+08	-	0.001449
Snrpb	MmuINT0149822	chr2	1.3E+08	1.3E+08	-	0.004234
Snrpb	MmuINT0149823	chr2	1.3E+08	1.3E+08	-	0.009117
Snrpb	MmuINT0149824	chr2	1.3E+08	1.3E+08	-	0.006766
Snrpb2	MmuINT0149825	chr2	1.43E+08	1.43E+08	+	0.01902
Snrpb2	MmuINT0149828	chr2	1.43E+08	1.43E+08	+	0.006716
Snrpb2	MmuINT0149829	chr2	1.43E+08	1.43E+08	+	0.016981
Snrpb2	MmuINT0149830	chr2	1.43E+08	1.43E+08	+	0.013232
Snrpd2	MmuINT0149839	chr7	19735244	19736566	+	0.000261
Snrpd3	MmuINT0149841	chr10	74980871	74982058	+	0.001363
Snrpd3	MmuINT0149842	chr10	74982206	74994921	+	0.001875
Snrpd3	MmuINT0149843	chr10	74995115	74998005	+	0.003744
Snrpf	MmuINT0149848	chr10	93050869	93052283	-	0.002759
Snrpn	MmuINT0149855	chr7	67277284	67285026	-	0.970639
Snrpn	MmuINT0149857	chr7	67144300	67149921	-	0.00282
Snrpn	MmuINT0149861	chr7	67131770	67132297	-	0.00005
Snrpn	MmuINT0149863	chr7	67130050	67130716	-	0.002144
Snrpn	MmuINT0149865	chr7	67128164	67128254	-	0.002145
Snta1	MmuINT0149866	chr2	1.54E+08	1.54E+08	-	0.007032
Snta1	MmuINT0149867	chr2	1.54E+08	1.54E+08	-	0.009785
Snta1	MmuINT0149868	chr2	1.54E+08	1.54E+08	-	0.00784
Snta1	MmuINT0149869	chr2	1.54E+08	1.54E+08	-	0.003049
Snta1	MmuINT0149870	chr2	1.54E+08	1.54E+08	-	0.046696
Snta1	MmuINT0149871	chr2	1.54E+08	1.54E+08	-	0.026804
Snta1	MmuINT0149872	chr2	1.54E+08	1.54E+08	-	0.006758
Sntb1	MmuINT0149873	chr15	55623806	55737578	-	0.04209
Sntb1	MmuINT0149874	chr15	55580951	55623588	-	0.055979
Sntb1	MmuINT0149876	chr15	55479609	55507858	-	0.047135
Sntb1	MmuINT0149877	chr15	55474401	55479411	-	0.054378
Sntb1	MmuINT0149878	chr15	55470983	55474209	-	0.043591
Sntb2	MmuINT0149879	chr8	1.09E+08	1.1E+08	+	0.053065

Sntb2	MmuINT0149880	chr8	1.1E+08	1.1E+08	+	0.040784
Sntb2	MmuINT0149881	chr8	1.1E+08	1.1E+08	+	0.042808
Sntb2	MmuINT0149882	chr8	1.1E+08	1.1E+08	+	0.065305
Sntb2	MmuINT0149883	chr8	1.1E+08	1.1E+08	+	0.055469
Sntb2	MmuINT0149884	chr8	1.1E+08	1.1E+08	+	0.050958
Snupn	MmuINT0149924	chr9	56798761	56804820	+	0.023703
Snupn	MmuINT0149925	chr9	56804984	56810802	+	0.014166
Snupn	MmuINT0149926	chr9	56810951	56818060	+	0.017038
Snupn	MmuINT0149927	chr9	56818166	56818396	+	0.032725
Snupn	MmuINT0149928	chr9	56818494	56823019	+	0.031974
Snupn	MmuINT0149929	chr9	56823118	56825825	+	0.023164
Snupn	MmuINT0149930	chr9	56825904	56828651	+	0.051018
Snupn	MmuINT0149931	chr9	56828733	56830468	+	0.015092
Snw1	MmuINT0149932	chr12	88809714	88813197	-	0.013398
Snw1	MmuINT0149933	chr12	88794905	88796539	-	0.004959
Snw1	MmuINT0149934	chr12	88793650	88794807	-	0.007944
Snw1	MmuINT0149935	chr12	88791920	88793531	-	0.002655
Snw1	MmuINT0149936	chr12	88791667	88791755	-	0.00539
Snw1	MmuINT0149937	chr12	88805662	88809559	-	0.00094
Snw1	MmuINT0149938	chr12	88802908	88805499	-	0.005761
Snw1	MmuINT0149939	chr12	88802722	88802811	-	0.010243
Snw1	MmuINT0149940	chr12	88801462	88802614	-	0.011513
Snw1	MmuINT0149941	chr12	88800441	88801356	-	0.010063
Snw1	MmuINT0149942	chr12	88799909	88800370	-	0.008819
Snw1	MmuINT0149943	chr12	88797919	88799842	-	0.008636
Snw1	MmuINT0149944	chr12	88796682	88797801	-	0.004142
Snx1	MmuINT0149945	chr9	65957436	65972413	-	0.0164
Snx1	MmuINT0149946	chr9	65941172	65942165	-	0.027122
Snx1	MmuINT0149947	chr9	65938538	65940965	-	0.084712
Snx1	MmuINT0149948	chr9	65937416	65938393	-	0.018578
Snx1	MmuINT0149949	chr9	65936997	65937334	-	0.018147
Snx1	MmuINT0149950	chr9	65936377	65936924	-	0.0122
Snx1	MmuINT0149951	chr9	65953456	65957323	-	0.007031
Snx1	MmuINT0149952	chr9	65952744	65953327	-	0.008007
Snx1	MmuINT0149953	chr9	65949192	65952679	-	0.019519
Snx1	MmuINT0149954	chr9	65946280	65949147	-	0.033197
Snx1	MmuINT0149955	chr9	65945285	65946137	-	0.011736
Snx1	MmuINT0149956	chr9	65944441	65945205	-	0.010739
Snx1	MmuINT0149957	chr9	65942543	65944364	-	0.011779
Snx1	MmuINT0149958	chr9	65942260	65942428	-	0.026915
Snx10	MmuINT0149961	chr6	51512064	51525901	+	0.03872
Snx10	MmuINT0149962	chr6	51525989	51529848	+	0.041102
Snx10	MmuINT0149963	chr6	51529950	51530300	+	0.033146
Snx10	MmuINT0149964	chr6	51530400	51538214	+	0.022187
Snx10	MmuINT0149965	chr6	51538428	51538879	+	0.000881
Snx11	MmuINT0149967	chr11	96638376	96638768	-	0.024627
Snx11	MmuINT0149968	chr11	96636748	96638281	-	0.360491
Snx11	MmuINT0149969	chr11	96635810	96636687	-	0.430208
Snx11	MmuINT0149970	chr11	96634537	96635754	-	0.049768
Snx11	MmuINT0149971	chr11	96634197	96634449	-	0.031459

Snx11	MmuINT0149972	chr11	96632439	96634095	-	0.02709
Snx11	MmuINT0149973	chr11	96632166	96632342	-	0.01652
Snx11	MmuINT0149974	chr11	96630637	96631952	-	0.143927
Snx12	MmuINT0149975	chrX	98410918	98417600	-	0.015859
Snx12	MmuINT0149976	chrX	98409865	98410821	-	0.006982
Snx13	MmuINT0149979	chr12	35732084	35763571	+	0.014335
Snx13	MmuINT0149980	chr12	35785350	35785692	+	0.007977
Snx13	MmuINT0149981	chr12	35785782	35787712	+	0.006537
Snx13	MmuINT0149982	chr12	35787813	35789778	+	0.003965
Snx13	MmuINT0149983	chr12	35789973	35791384	+	0.004045
Snx13	MmuINT0149984	chr12	35791490	35792095	+	0.003996
Snx13	MmuINT0149985	chr12	35792229	35795295	+	0.008172
Snx13	MmuINT0149986	chr12	35795334	35797106	+	0.007642
Snx13	MmuINT0149987	chr12	35797177	35804437	+	0.262194
Snx13	MmuINT0149988	chr12	35804578	35807589	+	0.005805
Snx13	MmuINT0149989	chr12	35807698	35809101	+	0.005118
Snx13	MmuINT0149990	chr12	35763685	35767540	+	0.008522
Snx13	MmuINT0149991	chr12	35809213	35816692	+	0.003047
Snx13	MmuINT0149992	chr12	35816855	35817980	+	0.004775
Snx13	MmuINT0149993	chr12	35818053	35822697	+	0.004684
Snx13	MmuINT0149994	chr12	35822844	35823071	+	0.006234
Snx13	MmuINT0149995	chr12	35823141	35824839	+	0.008301
Snx13	MmuINT0149996	chr12	35824953	35828760	+	0.005774
Snx13	MmuINT0149997	chr12	35767644	35770610	+	0.005652
Snx13	MmuINT0149998	chr12	35770701	35771534	+	0.008452
Snx13	MmuINT0149999	chr12	35771657	35776034	+	0.004143
Snx13	MmuINT0150000	chr12	35776157	35776240	+	0.004993
Snx13	MmuINT0150001	chr12	35776343	35777496	+	0.014547
Snx13	MmuINT0150002	chr12	35777586	35782901	+	0.009279
Snx13	MmuINT0150003	chr12	35782986	35785210	+	0.007532
Snx14	MmuINT0150004	chr9	88317857	88333505	-	0.014309
Snx14	MmuINT0150005	chr9	88299430	88299536	-	0.018159
Snx14	MmuINT0150006	chr9	88299257	88299348	-	0.010184
Snx14	MmuINT0150007	chr9	88298259	88299141	-	0.014318
Snx14	MmuINT0150008	chr9	88297107	88298102	-	0.008653
Snx14	MmuINT0150009	chr9	88296817	88296981	-	0.009114
Snx14	MmuINT0150010	chr9	88293210	88296757	-	0.423472
Snx14	MmuINT0150011	chr9	88289407	88293076	-	0.011226
Snx14	MmuINT0150012	chr9	88286684	88289204	-	0.007039
Snx14	MmuINT0150013	chr9	88282150	88286599	-	0.009446
Snx14	MmuINT0150014	chr9	88280670	88282048	-	0.036561
Snx14	MmuINT0150015	chr9	88315664	88317735	-	0.012598
Snx14	MmuINT0150016	chr9	88278849	88280557	-	0.012555
Snx14	MmuINT0150017	chr9	88278717	88278807	-	0.014092
Snx14	MmuINT0150018	chr9	88277040	88278596	-	0.009009
Snx14	MmuINT0150019	chr9	88276723	88276915	-	0.006099
Snx14	MmuINT0150020	chr9	88276416	88276557	-	0.008624
Snx14	MmuINT0150021	chr9	88275100	88276319	-	0.018275
Snx14	MmuINT0150022	chr9	88274405	88275007	-	0.01544
Snx14	MmuINT0150023	chr9	88271778	88274347	-	0.075089

Snx14	MmuINT0150024	chr9	88315168	88315586	-	0.013856
Snx14	MmuINT0150025	chr9	88310554	88315088	-	0.015999
Snx14	MmuINT0150026	chr9	88308407	88310509	-	0.019925
Snx14	MmuINT0150027	chr9	88305481	88308318	-	0.012538
Snx14	MmuINT0150028	chr9	88302321	88305395	-	0.009683
Snx14	MmuINT0150029	chr9	88300154	88302163	-	0.014884
Snx14	MmuINT0150030	chr9	88299582	88300077	-	0.012552
Snx15	MmuINT0150031	chr19	6124189	6128048	-	0.085353
Snx15	MmuINT0150032	chr19	6123951	6124152	-	0.123577
Snx15	MmuINT0150033	chr19	6122156	6123829	-	0.069801
Snx15	MmuINT0150034	chr19	6121931	6122039	-	0.02312
Snx15	MmuINT0150035	chr19	6121523	6121782	-	0.010883
Snx15	MmuINT0150036	chr19	6120744	6121378	-	0.01562
Snx15	MmuINT0150037	chr19	6119955	6120485	-	0.008755
Snx16	MmuINT0150039	chr3	10438285	10439914	-	0.03432
Snx16	MmuINT0150041	chr3	10434507	10435445	-	0.033679
Snx16	MmuINT0150042	chr3	10426233	10434357	-	0.044201
Snx16	MmuINT0150043	chr3	10420877	10426162	-	0.068828
Snx16	MmuINT0150044	chr3	10420317	10420739	-	0.050029
Snx16	MmuINT0150045	chr3	10419224	10420196	-	0.200767
Snx17	MmuINT0150046	chr5	31495839	31496241	+	0.012732
Snx17	MmuINT0150047	chr5	31499747	31499993	+	0.009445
Snx17	MmuINT0150048	chr5	31500120	31500235	+	0.007994
Snx17	MmuINT0150049	chr5	31500314	31500442	+	0.011693
Snx17	MmuINT0150050	chr5	31500518	31500608	+	0.024711
Snx17	MmuINT0150051	chr5	31500651	31500730	+	0.034534
Snx17	MmuINT0150052	chr5	31496317	31497168	+	0.005337
Snx17	MmuINT0150053	chr5	31497287	31497787	+	0.008588
Snx17	MmuINT0150054	chr5	31497853	31498118	+	0.014952
Snx17	MmuINT0150055	chr5	31498230	31498323	+	0.008679
Snx17	MmuINT0150056	chr5	31498415	31498549	+	0.031464
Snx17	MmuINT0150057	chr5	31498638	31498853	+	0.037915
Snx17	MmuINT0150058	chr5	31498924	31499355	+	0.012489
Snx17	MmuINT0150059	chr5	31499449	31499542	+	0.011193
Snx18	MmuINT0150060	chr13	1.14E+08	1.14E+08	-	0.03076
Snx19	MmuINT0150061	chr9	30236842	30239819	+	0.008832
Snx19	MmuINT0150062	chr9	30270893	30271870	+	0.007754
Snx19	MmuINT0150063	chr9	30239959	30240914	+	0.015154
Snx19	MmuINT0150064	chr9	30241016	30241120	+	0.011799
Snx19	MmuINT0150065	chr9	30241241	30243396	+	0.006305
Snx19	MmuINT0150066	chr9	30243528	30244359	+	0.008929
Snx19	MmuINT0150067	chr9	30244457	30244934	+	0.009212
Snx19	MmuINT0150068	chr9	30245116	30247680	+	0.009054
Snx19	MmuINT0150069	chr9	30247811	30269815	+	0.017998
Snx19	MmuINT0150070	chr9	30270001	30270804	+	0.02218
Snx2	MmuINT0150071	chr18	53336142	53349308	+	0.008186
Snx2	MmuINT0150072	chr18	53370447	53372406	+	0.006856
Snx2	MmuINT0150077	chr18	53349427	53354083	+	0.03904
Snx2	MmuINT0150078	chr18	53354248	53357508	+	0.032322
Snx2	MmuINT0150079	chr18	53357576	53357839	+	0.020802

Snx2	MmuINT0150080	chr18	53357884	53359410	+	0.012375
Snx2	MmuINT0150081	chr18	53359553	53362694	+	0.007937
Snx2	MmuINT0150082	chr18	53362774	53369241	+	0.031734
Snx2	MmuINT0150083	chr18	53369318	53369983	+	0.013025
Snx2	MmuINT0150084	chr18	53370098	53370352	+	0.008078
Snx21	MmuINT0150088	chr2	1.65E+08	1.65E+08	+	0.012025
Snx21	MmuINT0150089	chr2	1.65E+08	1.65E+08	+	0.068353
Snx24	MmuINT0150096	chr18	53405507	53487065	+	0.024992
Snx24	MmuINT0150097	chr18	53487150	53499783	+	0.019384
Snx24	MmuINT0150098	chr18	53499889	53542723	+	0.021646
Snx24	MmuINT0150099	chr18	53542819	53544270	+	0.02749
Snx24	MmuINT0150100	chr18	53544304	53544831	+	0.02275
Snx24	MmuINT0150101	chr18	53544897	53549170	+	0.044457
Snx25	MmuINT0150102	chr8	47201753	47209415	-	0.034162
Snx25	MmuINT0150103	chr8	47132786	47134719	-	0.028467
Snx25	MmuINT0150104	chr8	47130654	47132644	-	0.036238
Snx25	MmuINT0150105	chr8	47129487	47130539	-	0.02857
Snx25	MmuINT0150106	chr8	47126789	47129321	-	0.03775
Snx25	MmuINT0150107	chr8	47123876	47126670	-	0.024981
Snx25	MmuINT0150108	chr8	47121074	47123808	-	0.048514
Snx25	MmuINT0150109	chr8	47119857	47120891	-	0.036515
Snx25	MmuINT0150110	chr8	47119177	47119755	-	0.086046
Snx25	MmuINT0150112	chr8	47189056	47190472	-	0.02826
Snx25	MmuINT0150113	chr8	47165647	47188868	-	0.030094
Snx25	MmuINT0150114	chr8	47153592	47165575	-	0.02879
Snx25	MmuINT0150115	chr8	47143953	47153409	-	0.023628
Snx25	MmuINT0150116	chr8	47141478	47143820	-	0.032388
Snx25	MmuINT0150117	chr8	47139835	47141201	-	0.031442
Snx25	MmuINT0150118	chr8	47134852	47139672	-	0.046315
Snx27	MmuINT0150119	chr3	94365923	94386166	-	0.02394
Snx27	MmuINT0150120	chr3	94306152	94306777	-	0.018217
Snx27	MmuINT0150121	chr3	94335312	94365690	-	0.012319
Snx27	MmuINT0150122	chr3	94332899	94335118	-	0.014953
Snx27	MmuINT0150123	chr3	94328213	94332833	-	0.015427
Snx27	MmuINT0150124	chr3	94324189	94328107	-	0.015739
Snx27	MmuINT0150125	chr3	94323134	94324109	-	0.017485
Snx27	MmuINT0150126	chr3	94315054	94322969	-	0.018528
Snx27	MmuINT0150127	chr3	94307531	94314963	-	0.012941
Snx27	MmuINT0150128	chr3	94306907	94307380	-	0.015207
Snx29	MmuINT0150131	chr16	11656285	11660638	+	0.052629
Snx29	MmuINT0150133	chr16	11715148	11738386	+	0.051539
Snx29	MmuINT0150134	chr16	11738527	11755289	+	0.042918
Snx29	MmuINT0150135	chr16	11413450	11418915	+	0.070404
Snx29	MmuINT0150138	chr16	11445322	11447472	+	0.062671
Snx29	MmuINT0150139	chr16	11447602	11511052	+	0.05029
Snx29	MmuINT0150140	chr16	11511136	11571791	+	0.055531
Snx3	MmuINT0150143	chr10	42222299	42245759	+	0.002491
Snx3	MmuINT0150144	chr10	42245856	42252954	+	0.002927
Snx3	MmuINT0150145	chr10	42253080	42254458	+	0.001468
Snx30	MmuINT0150146	chr4	59819098	59870316	+	0.05925

Snx30	MmuINT0150147	chr4	59870509	59881109	+	0.050428
Snx30	MmuINT0150149	chr4	59892253	59897851	+	0.030625
Snx30	MmuINT0150150	chr4	59898048	59899278	+	0.080587
Snx30	MmuINT0150151	chr4	59899479	59905333	+	0.045213
Snx30	MmuINT0150152	chr4	59905421	59907396	+	0.086088
Snx30	MmuINT0150153	chr4	59907550	59911779	+	0.116073
Snx32	MmuINT0150167	chr19	5498825	5510332	-	0.081757
Snx32	MmuINT0150168	chr19	5496218	5496315	-	0.076092
Snx32	MmuINT0150169	chr19	5495983	5496057	-	0.134107
Snx32	MmuINT0150170	chr19	5495649	5495896	-	0.298744
Snx32	MmuINT0150171	chr19	5498507	5498719	-	0.079314
Snx32	MmuINT0150172	chr19	5498302	5498395	-	0.155096
Snx32	MmuINT0150173	chr19	5498029	5498179	-	0.025684
Snx32	MmuINT0150174	chr19	5497780	5497904	-	0.087228
Snx32	MmuINT0150175	chr19	5497553	5497674	-	0.121722
Snx32	MmuINT0150176	chr19	5497366	5497446	-	0.154869
Snx32	MmuINT0150177	chr19	5497026	5497289	-	0.051583
Snx32	MmuINT0150178	chr19	5496403	5496985	-	0.416454
Snx33	MmuINT0150179	chr9	56766512	56773119	-	0.113111
Snx4	MmuINT0150180	chr16	33251688	33264344	+	0.002851
Snx4	MmuINT0150182	chr16	33290285	33291826	+	0.00198
Snx4	MmuINT0150185	chr16	33264467	33266835	+	0.002306
Snx4	MmuINT0150186	chr16	33266972	33268103	+	0.001997
Snx4	MmuINT0150187	chr16	33268254	33269741	+	0.00889
Snx5	MmuINT0150193	chr2	1.44E+08	1.44E+08	-	0.008261
Snx5	MmuINT0150194	chr2	1.44E+08	1.44E+08	-	0.003283
Snx5	MmuINT0150195	chr2	1.44E+08	1.44E+08	-	0.007658
Snx5	MmuINT0150196	chr2	1.44E+08	1.44E+08	-	0.003609
Snx5	MmuINT0150198	chr2	1.44E+08	1.44E+08	-	0.008541
Snx5	MmuINT0150199	chr2	1.44E+08	1.44E+08	-	0.00263
Snx5	MmuINT0150200	chr2	1.44E+08	1.44E+08	-	0.010849
Snx5	MmuINT0150201	chr2	1.44E+08	1.44E+08	-	0.01886
Snx5	MmuINT0150202	chr2	1.44E+08	1.44E+08	-	0.00372
Snx5	MmuINT0150203	chr2	1.44E+08	1.44E+08	-	0.014449
Snx5	MmuINT0150204	chr2	1.44E+08	1.44E+08	-	0.00947
Snx6	MmuINT0150206	chr12	55855364	55858022	-	0.042918
Snx6	MmuINT0150207	chr12	55853088	55855276	-	0.020414
Snx6	MmuINT0150208	chr12	55852855	55852927	-	0.014581
Snx6	MmuINT0150209	chr12	55848047	55852768	-	0.050946
Snx6	MmuINT0150210	chr12	55885107	55896440	-	0.006339
Snx6	MmuINT0150211	chr12	55884501	55885001	-	0.01185
Snx6	MmuINT0150212	chr12	55871828	55884389	-	0.024691
Snx6	MmuINT0150213	chr12	55869130	55871705	-	0.034044
Snx6	MmuINT0150214	chr12	55866667	55869005	-	0.007137
Snx6	MmuINT0150215	chr12	55864713	55866570	-	0.005481
Snx6	MmuINT0150216	chr12	55861462	55864606	-	0.006535
Snx6	MmuINT0150217	chr12	55858063	55861385	-	0.01688
Snx7	MmuINT0150218	chr3	1.18E+08	1.18E+08	-	0.027505
Snx7	MmuINT0150219	chr3	1.18E+08	1.18E+08	-	0.017137
Snx7	MmuINT0150220	chr3	1.18E+08	1.18E+08	-	0.038547



Snx7	MmuINT0150221	chr3	1.18E+08	1.18E+08	-	0.029724
Snx7	MmuINT0150223	chr3	1.18E+08	1.18E+08	-	0.019671
Snx8	MmuINT0150227	chr5	1.41E+08	1.41E+08	-	0.020154
Snx8	MmuINT0150228	chr5	1.41E+08	1.41E+08	-	0.01867
Snx8	MmuINT0150229	chr5	1.41E+08	1.41E+08	-	0.014362
Snx8	MmuINT0150230	chr5	1.41E+08	1.41E+08	-	0.020072
Snx8	MmuINT0150231	chr5	1.41E+08	1.41E+08	-	0.026465
Snx8	MmuINT0150232	chr5	1.41E+08	1.41E+08	-	0.023756
Snx8	MmuINT0150233	chr5	1.41E+08	1.41E+08	-	0.04916
Snx8	MmuINT0150234	chr5	1.41E+08	1.41E+08	-	0.107742
Snx8	MmuINT0150235	chr5	1.41E+08	1.41E+08	-	0.019988
Snx8	MmuINT0150236	chr5	1.41E+08	1.41E+08	-	0.017538
Snx9	MmuINT0150245	chr17	5928297	5930569	+	0.018698
Soat1	MmuINT0150256	chr1	1.58E+08	1.58E+08	-	0.0573
Soat1	MmuINT0150262	chr1	1.58E+08	1.58E+08	-	0.059147
Sobp	MmuINT0150279	chr10	42880651	42893781	-	0.169693
Sobp	MmuINT0150280	chr10	42877900	42880511	-	0.00966
Sobp	MmuINT0150281	chr10	42847737	42877713	-	0.014751
Sobp	MmuINT0150282	chr10	42794495	42847584	-	0.014671
Sobp	MmuINT0150283	chr10	42742725	42794398	-	0.025642
Sobp	MmuINT0150284	chr10	42724221	42740787	-	0.02159
Socs3	MmuINT0150287	chr11	1.18E+08	1.18E+08	-	0.149032
Socs4	MmuINT0150288	chr14	47896897	47909191	+	0.031005
Socs6	MmuINT0150291	chr18	89056726	89063553	-	0.018792
Socs7	MmuINT0150293	chr11	97224738	97234379	+	0.043587
Socs7	MmuINT0150294	chr11	97234445	97237750	+	0.030158
Socs7	MmuINT0150295	chr11	97237856	97238310	+	0.043505
Socs7	MmuINT0150296	chr11	97238413	97239249	+	0.493898
Socs7	MmuINT0150297	chr11	97239381	97239856	+	0.011613
Socs7	MmuINT0150298	chr11	97240026	97244213	+	0.020394
Socs7	MmuINT0150299	chr11	97244343	97250425	+	0.067736
Socs7	MmuINT0150300	chr11	97250562	97250879	+	0.020098
Socs7	MmuINT0150301	chr11	97251031	97254702	+	0.023233
Sod2	MmuINT0150306	chr17	13200935	13201049	+	0.000812
Sod2	MmuINT0150307	chr17	13201253	13203385	+	0.000484
Sod2	MmuINT0150308	chr17	13203503	13206298	+	0.000453
Sod2	MmuINT0150309	chr17	13206479	13207891	+	0.001204
Sod3	MmuINT0150310	chr5	52755292	52759181	+	0.003129
Solh	MmuINT0150328	chr17	26100401	26100971	-	0.364354
Solh	MmuINT0150329	chr17	26096679	26096751	-	0.079581
Solh	MmuINT0150330	chr17	26100091	26100191	-	0.033601
Solh	MmuINT0150331	chr17	26099840	26099906	-	0.295304
Solh	MmuINT0150332	chr17	26099025	26099615	-	0.095086
Solh	MmuINT0150333	chr17	26098818	26098898	-	0.113649
Solh	MmuINT0150334	chr17	26097757	26098664	-	0.095829
Solh	MmuINT0150335	chr17	26097509	26097594	-	0.09751
Solh	MmuINT0150336	chr17	26097177	26097281	-	0.934803
Solh	MmuINT0150337	chr17	26096931	26097009	-	0.097502
Son	MmuINT0150338	chr16	91648230	91651874	+	0.006564
Son	MmuINT0150339	chr16	91652042	91654855	+	0.005586

Son	MmuINT0150340	chr16	91660826	91662345	+	0.004688
Son	MmuINT0150341	chr16	91662507	91662736	+	0.024059
Son	MmuINT0150342	chr16	91677722	91677833	+	0.006407
Son	MmuINT0150343	chr16	91677950	91678345	+	0.018072
Son	MmuINT0150345	chr16	91664590	91664878	+	0.003976
Son	MmuINT0150346	chr16	91665068	91670708	+	0.021417
Son	MmuINT0150347	chr16	91670820	91671593	+	0.010159
Son	MmuINT0150348	chr16	91671711	91675645	+	0.329527
Son	MmuINT0150349	chr16	91675794	91677649	+	0.010522
Sorbs1	MmuINT0150356	chr19	40437756	40439483	-	0.001412
Sorbs1	MmuINT0150357	chr19	40427056	40437691	-	0.002993
Sorbs1	MmuINT0150358	chr19	40426897	40427007	-	0.00348
Sorbs1	MmuINT0150359	chr19	40424504	40426766	-	0.005244
Sorbs1	MmuINT0150363	chr19	40392559	40399236	-	0.13141
Sorbs1	MmuINT0150364	chr19	40389222	40392511	-	0.002644
Sorbs1	MmuINT0150365	chr19	40388980	40389106	-	0.002595
Sorbs1	MmuINT0150367	chr19	40386354	40388853	-	0.001306
Sorbs1	MmuINT0150368	chr19	40374012	40386158	-	0.813475
Sorbs1	MmuINT0150369	chr19	40371135	40373952	-	0.026379
Sorbs1	MmuINT0150370	chr19	40369607	40371021	-	0.008599
Sorbs1	MmuINT0150371	chr19	40476801	40525803	-	0.006914
Sorbs1	MmuINT0150372	chr19	40473101	40476747	-	0.00627
Sorbs1	MmuINT0150373	chr19	40468007	40473031	-	0.012209
Sorbs1	MmuINT0150374	chr19	40457124	40467877	-	0.007384
Sorbs1	MmuINT0150375	chr19	40448108	40457010	-	0.075279
Sorbs1	MmuINT0150376	chr19	40444210	40447965	-	0.001859
Sorbs1	MmuINT0150377	chr19	40439657	40444179	-	0.005221
Sorbs1	MmuINT0150383	chr19	40415241	40418845	-	0.009006
Sorbs1	MmuINT0150384	chr19	40414637	40415174	-	0.001206
Sorbs2	MmuINT0150388	chr8	46593312	46744156	+	0.993648
Sorbs2	MmuINT0150389	chr8	46855945	46857887	+	0.001897
Sorbs2	MmuINT0150390	chr8	46858063	46860942	+	0.001012
Sorbs2	MmuINT0150391	chr8	46861058	46868155	+	0.008677
Sorbs2	MmuINT0150392	chr8	46868315	46868896	+	0.025406
Sorbs2	MmuINT0150393	chr8	46868981	46870622	+	0.004581
Sorbs2	MmuINT0150394	chr8	46870680	46875329	+	0.002119
Sorbs2	MmuINT0150395	chr8	46875380	46878134	+	0.003187
Sorbs2	MmuINT0150398	chr8	46885153	46886318	+	0.003111
Sorbs2	MmuINT0150399	chr8	46744296	46821506	+	0.002636
Sorbs2	MmuINT0150400	chr8	46886366	46888985	+	0.002572
Sorbs2	MmuINT0150401	chr8	46889101	46889186	+	0.006589
Sorbs2	MmuINT0150402	chr8	46889316	46891006	+	0.000824
Sorbs2	MmuINT0150403	chr8	46891208	46905072	+	0.011726
Sorbs2	MmuINT0150404	chr8	46905123	46909082	+	0.011864
Sorbs2	MmuINT0150405	chr8	46909190	46911098	+	0.008395
Sorbs2	MmuINT0150406	chr8	46821557	46826840	+	0.069345
Sorbs2	MmuINT0150407	chr8	46826934	46830773	+	0.043464
Sorbs2	MmuINT0150408	chr8	46830801	46831139	+	0.130937
Sorbs2	MmuINT0150409	chr8	46831196	46844406	+	0.026007
Sorbs2	MmuINT0150410	chr8	46844546	46848372	+	0.000967

Sorbs2	MmuINT0150411	chr8	46848546	46855182	+	0.001266
Sorbs2	MmuINT0150412	chr8	46855250	46855899	+	0.00262
Sorbs3	MmuINT0150414	chr14	70592501	70593212	-	0.237468
Sorbs3	MmuINT0150415	chr14	70591955	70592413	-	0.643316
Sorbs3	MmuINT0150416	chr14	70591383	70591892	-	0.128012
Sorbs3	MmuINT0150417	chr14	70591008	70591239	-	0.106719
Sorbs3	MmuINT0150418	chr14	70590870	70590954	-	0.065095
Sorbs3	MmuINT0150419	chr14	70590650	70590822	-	0.031803
Sorbs3	MmuINT0150420	chr14	70586792	70590534	-	0.022831
Sorbs3	MmuINT0150421	chr14	70584944	70586665	-	0.059207
Sorbs3	MmuINT0150422	chr14	70583915	70584634	-	0.137007
Sorbs3	MmuINT0150423	chr14	70583580	70583813	-	0.088128
Sorbs3	MmuINT0150424	chr14	70602856	70603078	-	0.0982
Sorbs3	MmuINT0150425	chr14	70581039	70583472	-	0.049328
Sorbs3	MmuINT0150426	chr14	70601350	70602737	-	0.035172
Sorbs3	MmuINT0150427	chr14	70599153	70601155	-	0.049812
Sorbs3	MmuINT0150428	chr14	70595769	70599088	-	0.063271
Sorbs3	MmuINT0150429	chr14	70595314	70595729	-	0.133432
Sorbs3	MmuINT0150430	chr14	70593759	70595219	-	0.108448
Sorbs3	MmuINT0150431	chr14	70593455	70593667	-	0.028631
Sorbs3	MmuINT0150432	chr14	70593267	70593367	-	0.030583
Sorcs2	MmuINT0150468	chr5	36371835	36373800	-	0.013923
Sorl1	MmuINT0150518	chr9	41914628	41931911	-	0.05581
Sorl1	MmuINT0150519	chr9	41871872	41872069	-	0.048458
Sorl1	MmuINT0150520	chr9	41865443	41871797	-	0.036456
Sorl1	MmuINT0150521	chr9	41854745	41865353	-	0.031867
Sorl1	MmuINT0150522	chr9	41852177	41854565	-	0.031643
Sorl1	MmuINT0150523	chr9	41849776	41851989	-	0.024599
Sorl1	MmuINT0150525	chr9	41845305	41849075	-	0.041915
Sorl1	MmuINT0150527	chr9	41841740	41843525	-	0.036128
Sorl1	MmuINT0150528	chr9	41839999	41841647	-	0.036944
Sorl1	MmuINT0150529	chr9	41907354	41914510	-	0.043969
Sorl1	MmuINT0150530	chr9	41839101	41839751	-	0.030338
Sorl1	MmuINT0150531	chr9	41832553	41838961	-	0.030935
Sorl1	MmuINT0150532	chr9	41830533	41832378	-	0.023708
Sorl1	MmuINT0150533	chr9	41826322	41830418	-	0.02609
Sorl1	MmuINT0150534	chr9	41822658	41826198	-	0.029972
Sorl1	MmuINT0150535	chr9	41816388	41822537	-	0.033705
Sorl1	MmuINT0150536	chr9	41813997	41816261	-	0.036737
Sorl1	MmuINT0150537	chr9	41812201	41813888	-	0.028242
Sorl1	MmuINT0150538	chr9	41810769	41812068	-	0.02766
Sorl1	MmuINT0150539	chr9	41809689	41810636	-	0.020761
Sorl1	MmuINT0150540	chr9	41900554	41907227	-	0.027573
Sorl1	MmuINT0150541	chr9	41808483	41809553	-	0.028329
Sorl1	MmuINT0150542	chr9	41804404	41808326	-	0.038552
Sorl1	MmuINT0150543	chr9	41800519	41804253	-	0.041424
Sorl1	MmuINT0150544	chr9	41799829	41800386	-	0.029899
Sorl1	MmuINT0150545	chr9	41799565	41799701	-	0.019339
Sorl1	MmuINT0150546	chr9	41797550	41799394	-	0.027995
Sorl1	MmuINT0150547	chr9	41796893	41797436	-	0.039082

Sorl1	MmuINT0150548	chr9	41795622	41796787	-	0.056284
Sorl1	MmuINT0150549	chr9	41793724	41795548	-	0.029363
Sorl1	MmuINT0150550	chr9	41792619	41793640	-	0.019916
Sorl1	MmuINT0150551	chr9	41898096	41900391	-	0.042935
Sorl1	MmuINT0150552	chr9	41791174	41792518	-	0.023205
Sorl1	MmuINT0150553	chr9	41788829	41790988	-	0.01773
Sorl1	MmuINT0150554	chr9	41787578	41788708	-	0.037959
Sorl1	MmuINT0150555	chr9	41785694	41787412	-	0.016891
Sorl1	MmuINT0150556	chr9	41784548	41785518	-	0.011679
Sorl1	MmuINT0150557	chr9	41782213	41784440	-	0.017654
Sorl1	MmuINT0150558	chr9	41777940	41782019	-	0.025695
Sorl1	MmuINT0150559	chr9	41776754	41777726	-	0.037615
Sorl1	MmuINT0150563	chr9	41876073	41879154	-	0.047514
Sorl1	MmuINT0150564	chr9	41872188	41875879	-	0.041947
Sort1	MmuINT0150565	chr3	1.08E+08	1.08E+08	+	0.036045
Sort1	MmuINT0150566	chr3	1.08E+08	1.08E+08	+	0.011766
Sort1	MmuINT0150567	chr3	1.08E+08	1.08E+08	+	0.013779
Sort1	MmuINT0150568	chr3	1.08E+08	1.08E+08	+	0.012308
Sort1	MmuINT0150569	chr3	1.08E+08	1.08E+08	+	0.015655
Sort1	MmuINT0150570	chr3	1.08E+08	1.08E+08	+	0.009269
Sort1	MmuINT0150571	chr3	1.08E+08	1.08E+08	+	0.006213
Sort1	MmuINT0150572	chr3	1.08E+08	1.08E+08	+	0.009652
Sort1	MmuINT0150573	chr3	1.08E+08	1.08E+08	+	0.032145
Sort1	MmuINT0150574	chr3	1.08E+08	1.08E+08	+	0.019038
Sort1	MmuINT0150575	chr3	1.08E+08	1.08E+08	+	0.009385
Sort1	MmuINT0150576	chr3	1.08E+08	1.08E+08	+	0.025043
Sort1	MmuINT0150577	chr3	1.08E+08	1.08E+08	+	0.017307
Sort1	MmuINT0150578	chr3	1.08E+08	1.08E+08	+	0.00916
Sort1	MmuINT0150579	chr3	1.08E+08	1.08E+08	+	0.010311
Sort1	MmuINT0150580	chr3	1.08E+08	1.08E+08	+	0.014957
Sort1	MmuINT0150581	chr3	1.08E+08	1.08E+08	+	0.026446
Sort1	MmuINT0150582	chr3	1.08E+08	1.08E+08	+	0.010402
Sort1	MmuINT0150583	chr3	1.08E+08	1.08E+08	+	0.014079
Sos1	MmuINT0150584	chr17	80859388	80879176	-	0.076612
Sos1	MmuINT0150585	chr17	80823552	80832836	-	0.066118
Sos1	MmuINT0150586	chr17	80822579	80823469	-	0.043675
Sos1	MmuINT0150587	chr17	80822126	80822455	-	0.029286
Sos1	MmuINT0150588	chr17	80819826	80822021	-	0.034389
Sos1	MmuINT0150589	chr17	80818469	80819602	-	0.041096
Sos1	MmuINT0150590	chr17	80814446	80818348	-	0.064562
Sos1	MmuINT0150592	chr17	80808081	80812938	-	0.024949
Sos1	MmuINT0150593	chr17	80807703	80807907	-	0.024503
Sos1	MmuINT0150594	chr17	80806299	80807585	-	0.023973
Sos1	MmuINT0150595	chr17	80854524	80859261	-	0.041906
Sos1	MmuINT0150596	chr17	80799200	80806030	-	0.078281
Sos1	MmuINT0150597	chr17	80798013	80799080	-	0.050947
Sos1	MmuINT0150598	chr17	80853261	80854391	-	0.041969
Sos1	MmuINT0150599	chr17	80851531	80853095	-	0.040238
Sos1	MmuINT0150600	chr17	80848742	80851320	-	0.032976
Sos1	MmuINT0150601	chr17	80845053	80848597	-	0.036978

Sos1	MmuINT0150602	chr17	80844869	80844941	-	0.050221
Sos1	MmuINT0150603	chr17	80834363	80844769	-	0.038019
Sos1	MmuINT0150604	chr17	80833493	80834234	-	0.02318
Sos2	MmuINT0150605	chr12	70759066	70782501	-	0.031144
Sos2	MmuINT0150606	chr12	70717352	70717840	-	0.012493
Sos2	MmuINT0150607	chr12	70715746	70717269	-	0.011438
Sos2	MmuINT0150608	chr12	70711814	70715622	-	0.045698
Sos2	MmuINT0150609	chr12	70708400	70711709	-	0.010773
Sos2	MmuINT0150610	chr12	70704892	70708176	-	0.015823
Sos2	MmuINT0150611	chr12	70704626	70704771	-	0.00927
Sos2	MmuINT0150612	chr12	70699881	70704462	-	0.013931
Sos2	MmuINT0150613	chr12	70697804	70699762	-	0.007196
Sos2	MmuINT0150614	chr12	70694036	70697630	-	0.010256
Sos2	MmuINT0150615	chr12	70691944	70693918	-	0.018552
Sos2	MmuINT0150616	chr12	70751719	70758939	-	0.014582
Sos2	MmuINT0150617	chr12	70689729	70691681	-	0.023777
Sos2	MmuINT0150618	chr12	70687706	70689686	-	0.020595
Sos2	MmuINT0150619	chr12	70686620	70687595	-	0.008212
Sos2	MmuINT0150620	chr12	70749604	70751586	-	0.009897
Sos2	MmuINT0150621	chr12	70741248	70749438	-	0.011564
Sos2	MmuINT0150622	chr12	70736713	70741040	-	0.013763
Sos2	MmuINT0150623	chr12	70733158	70736568	-	0.018859
Sos2	MmuINT0150624	chr12	70728303	70733046	-	0.010172
Sos2	MmuINT0150626	chr12	70718497	70719042	-	0.0123
Sox13	MmuINT0150633	chr1	1.35E+08	1.35E+08	-	0.036984
Sox13	MmuINT0150634	chr1	1.35E+08	1.35E+08	-	0.021005
Sox13	MmuINT0150635	chr1	1.35E+08	1.35E+08	-	0.050214
Sox13	MmuINT0150636	chr1	1.35E+08	1.35E+08	-	0.438412
Sox13	MmuINT0150637	chr1	1.35E+08	1.35E+08	-	0.024416
Sox13	MmuINT0150638	chr1	1.35E+08	1.35E+08	-	0.029488
Sox13	MmuINT0150639	chr1	1.35E+08	1.35E+08	-	0.071144
Sox13	MmuINT0150640	chr1	1.35E+08	1.35E+08	-	0.027686
Sox13	MmuINT0150642	chr1	1.35E+08	1.35E+08	-	0.066399
Sox13	MmuINT0150643	chr1	1.35E+08	1.35E+08	-	0.077928
Sox13	MmuINT0150644	chr1	1.35E+08	1.35E+08	-	0.039419
Sox17	MmuINT0150646	chr1	4486024	4486371	-	0.838686
Sox17	MmuINT0150647	chr1	4483945	4485216	-	0.820711
Sox17	MmuINT0150648	chr1	4483548	4483852	-	0.924463
Sox17	MmuINT0150649	chr1	4482750	4483180	-	0.271317
Sox18	MmuINT0150650	chr2	1.81E+08	1.81E+08	-	0.021545
Sox6	MmuINT0150680	chr7	1.23E+08	1.23E+08	-	0.042522
Sox6	MmuINT0150681	chr7	1.23E+08	1.23E+08	-	0.072259
Sox6	MmuINT0150682	chr7	1.23E+08	1.23E+08	-	0.031703
Sox6	MmuINT0150683	chr7	1.23E+08	1.23E+08	-	0.039411
Sox6	MmuINT0150684	chr7	1.23E+08	1.23E+08	-	0.036971
Sox6	MmuINT0150685	chr7	1.23E+08	1.23E+08	-	0.041944
Sox6	MmuINT0150686	chr7	1.23E+08	1.23E+08	-	0.046525
Sox6	MmuINT0150687	chr7	1.23E+08	1.23E+08	-	0.024677
Sox6	MmuINT0150688	chr7	1.23E+08	1.23E+08	-	0.028753
Sox6	MmuINT0150689	chr7	1.23E+08	1.23E+08	-	0.028633

Sox6	MmuINT0150690	chr7	1.23E+08	1.23E+08	-	0.048031
Sox7	MmuINT0150692	chr14	64562831	64566591	+	0.024367
Sp1	MmuINT0150697	chr15	1.02E+08	1.02E+08	+	0.045527
Sp1	MmuINT0150699	chr15	1.02E+08	1.02E+08	+	0.014823
Sp1	MmuINT0150700	chr15	1.02E+08	1.02E+08	+	0.015656
Sp1	MmuINT0150701	chr15	1.02E+08	1.02E+08	+	0.017426
Sp100	MmuINT0150703	chr1	87575685	87577660	+	0.067056
Sp100	MmuINT0150704	chr1	87577715	87588549	+	0.100033
Sp100	MmuINT0150705	chr1	87588625	87590833	+	0.084129
Sp100	MmuINT0150706	chr1	87590885	87593580	+	0.022079
Sp100	MmuINT0150707	chr1	87593686	87596181	+	0.025896
Sp100	MmuINT0150708	chr1	87596325	87597691	+	0.017592
Sp100	MmuINT0150709	chr1	87597725	87597979	+	0.028522
Sp100	MmuINT0150711	chr1	87603874	87604556	+	0.296271
Sp100	MmuINT0150712	chr1	87604701	87605567	+	0.041422
Sp100	MmuINT0150715	chr1	87560173	87561853	+	0.02638
Sp100	MmuINT0150716	chr1	87561920	87563488	+	0.018616
Sp100	MmuINT0150717	chr1	87563579	87566576	+	0.017115
Sp100	MmuINT0150718	chr1	87566658	87570199	+	0.023748
Sp100	MmuINT0150719	chr1	87570347	87571769	+	0.022998
Sp100	MmuINT0150720	chr1	87571842	87575633	+	0.019066
Sp2	MmuINT0150748	chr11	96819051	96822351	-	0.02199
Sp2	MmuINT0150749	chr11	96817594	96818737	-	0.012237
Sp2	MmuINT0150750	chr11	96817283	96817418	-	0.020897
Sp2	MmuINT0150751	chr11	96815885	96817088	-	0.038324
Sp3	MmuINT0150752	chr2	72817690	72818306	-	0.361585
Sp3	MmuINT0150754	chr2	72784796	72808211	-	0.005776
Sp3	MmuINT0150755	chr2	72778797	72784602	-	0.009916
Sp3	MmuINT0150756	chr2	72776440	72778599	-	0.012684
Sp4	MmuINT0150760	chr12	1.19E+08	1.19E+08	-	0.041878
Spa17	MmuINT0150768	chr9	37419604	37421140	-	0.038498
Spa17	MmuINT0150769	chr9	37415273	37419420	-	0.021232
Spa17	MmuINT0150770	chr9	37413456	37415201	-	0.021686
Spa17	MmuINT0150771	chr9	37411072	37413377	-	0.015216
Spag7	MmuINT0150913	chr11	70478867	70482698	-	0.005285
Spag7	MmuINT0150914	chr11	70478370	70478489	-	0.003381
Spag7	MmuINT0150915	chr11	70478170	70478284	-	0.001613
Spag7	MmuINT0150916	chr11	70477979	70478079	-	0.004355
Spag7	MmuINT0150917	chr11	70477723	70477821	-	0.001487
Spag9	MmuINT0150929	chr11	93857888	93874936	+	0.021
Spag9	MmuINT0150930	chr11	93944227	93945261	+	0.003055
Spag9	MmuINT0150931	chr11	93945314	93947560	+	0.002878
Spag9	MmuINT0150932	chr11	93947692	93950912	+	0.005135
Spag9	MmuINT0150933	chr11	93950970	93951871	+	0.005021
Spag9	MmuINT0150934	chr11	93952046	93953077	+	0.002895
Spag9	MmuINT0150935	chr11	93953208	93953651	+	0.003886
Spag9	MmuINT0150936	chr11	93953742	93954128	+	0.00353
Spag9	MmuINT0150937	chr11	93954297	93954800	+	0.002637
Spag9	MmuINT0150938	chr11	93954973	93958531	+	0.002673
Spag9	MmuINT0150939	chr11	93958751	93958994	+	0.002434

Spag9	MmuINT0150940	chr11	93875058	93897913	+	0.006477
Spag9	MmuINT0150941	chr11	93959191	93960340	+	0.003496
Spag9	MmuINT0150942	chr11	93960467	93961420	+	0.003679
Spag9	MmuINT0150943	chr11	93961502	93963404	+	0.004391
Spag9	MmuINT0150944	chr11	93963473	93967947	+	0.004201
Spag9	MmuINT0150945	chr11	93968097	93969768	+	0.005453
Spag9	MmuINT0150946	chr11	93969941	93973346	+	0.005071
Spag9	MmuINT0150947	chr11	93973461	93975486	+	0.528367
Spag9	MmuINT0150948	chr11	93975664	93978043	+	0.013929
Spag9	MmuINT0150949	chr11	93978194	93984035	+	0.008604
Spag9	MmuINT0150950	chr11	93897985	93904885	+	0.006384
Spag9	MmuINT0150951	chr11	93904981	93909721	+	0.004458
Spag9	MmuINT0150952	chr11	93909873	93929206	+	0.003582
Spag9	MmuINT0150953	chr11	93929415	93930249	+	0.003404
Spag9	MmuINT0150954	chr11	93930350	93932878	+	0.003013
Spag9	MmuINT0150955	chr11	93933001	93942653	+	0.005266
Spag9	MmuINT0150956	chr11	93942712	93944073	+	0.002797
Sparc	MmuINT0150960	chr11	55223500	55233289	-	0.019758
Sparc	MmuINT0150961	chr11	55220782	55223429	-	0.003765
Sparc	MmuINT0150962	chr11	55220100	55220721	-	0.001388
Sparc	MmuINT0150963	chr11	55218804	55220011	-	0.001422
Sparc	MmuINT0150964	chr11	55215574	55218681	-	0.002641
Sparc	MmuINT0150965	chr11	55212828	55215452	-	0.003624
Sparc	MmuINT0150966	chr11	55212199	55212693	-	0.002552
Sparc	MmuINT0150967	chr11	55209452	55212049	-	0.005519
Sparc	MmuINT0150968	chr11	55209116	55209302	-	0.009852
Sparcl1	MmuINT0150969	chr5	1.05E+08	1.05E+08	-	0.003904
Sparcl1	MmuINT0150970	chr5	1.05E+08	1.05E+08	-	0.013422
Sparcl1	MmuINT0150971	chr5	1.05E+08	1.05E+08	-	0.005914
Sparcl1	MmuINT0150972	chr5	1.05E+08	1.05E+08	-	0.001357
Sparcl1	MmuINT0150973	chr5	1.05E+08	1.05E+08	-	0.001451
Sparcl1	MmuINT0150974	chr5	1.05E+08	1.05E+08	-	0.001466
Sparcl1	MmuINT0150975	chr5	1.05E+08	1.05E+08	-	0.003086
Sparcl1	MmuINT0150976	chr5	1.05E+08	1.05E+08	-	0.006441
Sparcl1	MmuINT0150977	chr5	1.05E+08	1.05E+08	-	0.001287
Sparcl1	MmuINT0150978	chr5	1.05E+08	1.05E+08	-	0.001018
Spast	MmuINT0150980	chr17	74772700	74773002	+	0.012765
Spast	MmuINT0150981	chr17	74773095	74773462	+	0.012622
Spast	MmuINT0150982	chr17	74773543	74774422	+	0.03111
Spast	MmuINT0150983	chr17	74774466	74776380	+	0.014343
Spast	MmuINT0150984	chr17	74776461	74781309	+	0.008459
Spast	MmuINT0150985	chr17	74781381	74786373	+	0.015349
Spast	MmuINT0150986	chr17	74786415	74787529	+	0.007899
Spast	MmuINT0150987	chr17	74751377	74755425	+	0.008164
Spast	MmuINT0150988	chr17	74755510	74758593	+	0.042901
Spast	MmuINT0150989	chr17	74758690	74766587	+	0.027875
Spast	MmuINT0150990	chr17	74766776	74768167	+	0.008061
Spast	MmuINT0150991	chr17	74768302	74768531	+	0.013829
Spast	MmuINT0150992	chr17	74768626	74770769	+	0.00936
Spast	MmuINT0150993	chr17	74770845	74771598	+	0.010124

Spast	MmuINT0150994	chr17	74771671	74772623	+	0.01742
Spata1	MmuINT0150996	chr3	1.46E+08	1.46E+08	-	0.139242
Spata1	MmuINT0150997	chr3	1.46E+08	1.46E+08	-	0.627904
Spata1	MmuINT0150998	chr3	1.46E+08	1.46E+08	-	0.592541
Spata1	MmuINT0150999	chr3	1.46E+08	1.46E+08	-	0.335333
Spata1	MmuINT0151001	chr3	1.46E+08	1.46E+08	-	0.048258
Spata1	MmuINT0151005	chr3	1.46E+08	1.46E+08	-	0.804311
Spata13	MmuINT0151010	chr14	61372748	61375048	+	0.0397
Spata13	MmuINT0151011	chr14	61375422	61378419	+	0.050668
Spata13	MmuINT0151012	chr14	61378495	61379712	+	0.086419
Spata13	MmuINT0151016	chr14	61364619	61365550	+	0.039797
Spata13	MmuINT0151017	chr14	61365731	61366277	+	0.038122
Spata13	MmuINT0151018	chr14	61366464	61368799	+	0.032924
Spata13	MmuINT0151019	chr14	61368980	61370471	+	0.033443
Spata13	MmuINT0151020	chr14	61370705	61372617	+	0.031632
Spata2	MmuINT0151058	chr2	1.67E+08	1.67E+08	-	0.02731
Spata24	MmuINT0151096	chr18	35820512	35821665	-	0.083681
Spata24	MmuINT0151097	chr18	35820229	35820445	-	0.083297
Spata24	MmuINT0151098	chr18	35816499	35816602	-	0.288794
Spata5	MmuINT0151110	chr3	37347485	37350564	+	0.03264
Spata5	MmuINT0151111	chr3	37350775	37355696	+	0.026872
Spata5	MmuINT0151112	chr3	37355751	37357242	+	0.047856
Spata5	MmuINT0151113	chr3	37357323	37363453	+	0.038693
Spata5	MmuINT0151114	chr3	37363581	37427079	+	0.022445
Spata5	MmuINT0151115	chr3	37427245	37477673	+	0.027658
Spata5	MmuINT0151116	chr3	37323558	37325010	+	0.032686
Spata5	MmuINT0151117	chr3	37325169	37328967	+	0.04157
Spata5	MmuINT0151118	chr3	37329027	37330554	+	0.028063
Spata5	MmuINT0151119	chr3	37331200	37332059	+	0.030428
Spata5	MmuINT0151120	chr3	37332190	37332560	+	0.042829
Spata5	MmuINT0151121	chr3	37332618	37335563	+	0.040671
Spata5	MmuINT0151122	chr3	37335688	37338022	+	0.02213
Spata5	MmuINT0151123	chr3	37338279	37347329	+	0.022611
Spata6	MmuINT0151124	chr4	1.11E+08	1.11E+08	+	0.150202
Spata6	MmuINT0151125	chr4	1.11E+08	1.11E+08	+	0.036562
Spata6	MmuINT0151126	chr4	1.11E+08	1.11E+08	+	0.110996
Spata6	MmuINT0151127	chr4	1.11E+08	1.12E+08	+	0.047982
Spata6	MmuINT0151128	chr4	1.11E+08	1.11E+08	+	0.047748
Spata6	MmuINT0151129	chr4	1.11E+08	1.11E+08	+	0.067638
Spata6	MmuINT0151130	chr4	1.11E+08	1.11E+08	+	0.126853
Spata6	MmuINT0151132	chr4	1.11E+08	1.11E+08	+	0.040773
Spata6	MmuINT0151133	chr4	1.11E+08	1.11E+08	+	0.035848
Spata6	MmuINT0151134	chr4	1.11E+08	1.11E+08	+	0.041786
Spata6	MmuINT0151135	chr4	1.11E+08	1.11E+08	+	0.054866
Spata7	MmuINT0151137	chr12	99902516	99907041	+	0.094256
Spata7	MmuINT0151138	chr12	99907100	99907311	+	0.059856
Spata7	MmuINT0151142	chr12	99886693	99896422	+	0.035938
Spata7	MmuINT0151143	chr12	99896857	99897759	+	0.05167
Spata7	MmuINT0151144	chr12	99897827	99900181	+	0.049411
Spata7	MmuINT0151145	chr12	99900298	99901374	+	0.056441



Spats2	MmuINT0151162	chr15	98957319	98980064	+	0.042917
Spats2	MmuINT0151163	chr15	99036139	99039263	+	0.038559
Spats2	MmuINT0151164	chr15	99039367	99041312	+	0.03165
Spats2	MmuINT0151165	chr15	99041528	99042480	+	0.02586
Spats2	MmuINT0151166	chr15	98980362	98997510	+	0.034104
Spats2	MmuINT0151167	chr15	98997591	99003832	+	0.023824
Spats2	MmuINT0151168	chr15	99003942	99004832	+	0.034377
Spats2	MmuINT0151169	chr15	99004883	99008737	+	0.047227
Spats2	MmuINT0151170	chr15	99008997	99011011	+	0.025629
Spats2	MmuINT0151171	chr15	99011192	99016389	+	0.02222
Spats2	MmuINT0151172	chr15	99016526	99029638	+	0.039313
Spats2	MmuINT0151173	chr15	99029698	99036028	+	0.038165
Spats2l	MmuINT0151180	chr1	57957685	57958932	+	0.032915
Spats2l	MmuINT0151186	chr1	57856199	57888896	+	0.041337
Spc24	MmuINT0151188	chr9	21562274	21564562	-	0.030742
Spc24	MmuINT0151189	chr9	21561839	21562128	-	0.021652
Spc24	MmuINT0151190	chr9	21561638	21561733	-	0.056687
Spc24	MmuINT0151191	chr9	21560740	21561560	-	0.088135
Spcs1	MmuINT0151198	chr14	31813951	31814029	-	0.006637
Spcs1	MmuINT0151199	chr14	31813409	31813863	-	0.004185
Spcs2	MmuINT0151200	chr7	1.07E+08	1.07E+08	-	0.008213
Spcs2	MmuINT0151202	chr7	1.07E+08	1.07E+08	-	0.000705
Spcs3	MmuINT0151204	chr8	55613769	55615115	-	0.035782
Spcs3	MmuINT0151205	chr8	55611879	55613692	-	0.045567
Spcs3	MmuINT0151206	chr8	55610410	55611803	-	0.018316
Spcs3	MmuINT0151207	chr8	55608750	55610294	-	0.006062
Specc1l	MmuINT0151240	chr10	74674965	74693426	+	0.015083
Specc1l	MmuINT0151241	chr10	74730335	74736761	+	0.014611
Specc1l	MmuINT0151242	chr10	74736846	74739515	+	0.02884
Specc1l	MmuINT0151243	chr10	74739673	74742603	+	0.011896
Specc1l	MmuINT0151244	chr10	74742707	74769981	+	0.009924
Specc1l	MmuINT0151245	chr10	74770099	74770778	+	0.014803
Specc1l	MmuINT0151246	chr10	74770839	74772534	+	0.012395
Specc1l	MmuINT0151247	chr10	74693617	74703809	+	0.024466
Specc1l	MmuINT0151248	chr10	74703964	74707823	+	0.010134
Specc1l	MmuINT0151249	chr10	74709458	74711181	+	0.006399
Specc1l	MmuINT0151250	chr10	74711390	74720612	+	0.009286
Specc1l	MmuINT0151251	chr10	74720687	74721712	+	0.010947
Specc1l	MmuINT0151252	chr10	74721889	74724538	+	0.00885
Specc1l	MmuINT0151253	chr10	74724703	74726023	+	0.006572
Specc1l	MmuINT0151254	chr10	74726116	74730243	+	0.008014
Spef1	MmuINT0151310	chr2	1.31E+08	1.31E+08	-	0.211855
Spef1	MmuINT0151311	chr2	1.31E+08	1.31E+08	-	0.121253
Spef1	MmuINT0151312	chr2	1.31E+08	1.31E+08	-	0.033074
Spef1	MmuINT0151313	chr2	1.31E+08	1.31E+08	-	0.07595
Spef1	MmuINT0151314	chr2	1.31E+08	1.31E+08	-	0.138557
Spef1	MmuINT0151315	chr2	1.31E+08	1.31E+08	-	0.042915
Speg	MmuINT0151334	chr1	75378750	75379711	+	0.070048
Speg	MmuINT0151339	chr1	75401723	75402880	+	0.006446
Speg	MmuINT0151340	chr1	75403040	75403153	+	0.004283

Speg	MmuINT0151341	chr1	75403344	75403450	+	0.010991
Speg	MmuINT0151342	chr1	75403675	75406528	+	0.006391
Speg	MmuINT0151343	chr1	75406649	75406863	+	0.006703
Speg	MmuINT0151344	chr1	75406969	75407131	+	0.005338
Speg	MmuINT0151345	chr1	75407339	75407653	+	0.003999
Speg	MmuINT0151346	chr1	75407778	75407860	+	0.006371
Speg	MmuINT0151347	chr1	75408037	75410890	+	0.00486
Speg	MmuINT0151348	chr1	75411004	75411574	+	0.004005
Speg	MmuINT0151349	chr1	75381321	75381402	+	0.005738
Speg	MmuINT0151350	chr1	75411744	75411894	+	0.004943
Speg	MmuINT0151351	chr1	75411992	75412116	+	0.005418
Speg	MmuINT0151352	chr1	75412318	75413617	+	0.008318
Speg	MmuINT0151353	chr1	75413676	75414237	+	0.007296
Speg	MmuINT0151354	chr1	75414316	75414401	+	0.004693
Speg	MmuINT0151355	chr1	75414581	75415005	+	0.041868
Speg	MmuINT0151356	chr1	75415033	75415545	+	0.007793
Speg	MmuINT0151357	chr1	75415699	75416803	+	0.01319
Speg	MmuINT0151358	chr1	75416847	75417865	+	0.019181
Speg	MmuINT0151359	chr1	75417935	75418134	+	0.013682
Speg	MmuINT0151360	chr1	75381740	75384372	+	0.270686
Speg	MmuINT0151361	chr1	75420104	75420390	+	0.00532
Speg	MmuINT0151362	chr1	75420523	75423338	+	0.027027
Speg	MmuINT0151363	chr1	75423456	75423618	+	0.019446
Speg	MmuINT0151364	chr1	75423787	75423888	+	0.007952
Speg	MmuINT0151365	chr1	75424012	75424185	+	0.007936
Speg	MmuINT0151366	chr1	75424354	75424466	+	0.003144
Speg	MmuINT0151367	chr1	75425047	75425634	+	0.022216
Speg	MmuINT0151368	chr1	75425875	75425971	+	0.006265
Speg	MmuINT0151369	chr1	75426196	75427013	+	0.007773
Speg	MmuINT0151370	chr1	75427090	75427371	+	0.027867
Speg	MmuINT0151371	chr1	75387698	75388336	+	0.005351
Speg	MmuINT0151372	chr1	75388520	75397629	+	0.0287
Speg	MmuINT0151373	chr1	75397806	75398037	+	0.007772
Speg	MmuINT0151374	chr1	75398127	75398872	+	0.005533
Speg	MmuINT0151375	chr1	75399049	75401461	+	0.008302
Spen	MmuINT0151378	chr4	1.41E+08	1.41E+08	-	0.032219
Spen	MmuINT0151381	chr4	1.41E+08	1.41E+08	-	0.05188
Spen	MmuINT0151382	chr4	1.41E+08	1.41E+08	-	0.014136
Spen	MmuINT0151383	chr4	1.41E+08	1.41E+08	-	0.019455
Spen	MmuINT0151384	chr4	1.41E+08	1.41E+08	-	0.046773
Spen	MmuINT0151385	chr4	1.41E+08	1.41E+08	-	0.331994
Spen	MmuINT0151387	chr4	1.41E+08	1.41E+08	-	0.028584
Spen	MmuINT0151388	chr4	1.41E+08	1.41E+08	-	0.018414
Spen	MmuINT0151389	chr4	1.41E+08	1.41E+08	-	0.021915
Spen	MmuINT0151390	chr4	1.41E+08	1.41E+08	-	0.042798
Spen	MmuINT0151391	chr4	1.41E+08	1.41E+08	-	0.055842
Spen	MmuINT0151392	chr4	1.41E+08	1.41E+08	-	0.035005
Spg11	MmuINT0151404	chr2	1.22E+08	1.22E+08	-	0.038082
Spg11	MmuINT0151413	chr2	1.22E+08	1.22E+08	-	0.065354
Spg11	MmuINT0151414	chr2	1.22E+08	1.22E+08	-	0.133235

Spg11	MmuINT0151415	chr2	1.22E+08	1.22E+08	-	0.055059
Spg11	MmuINT0151416	chr2	1.22E+08	1.22E+08	-	0.024474
Spg11	MmuINT0151417	chr2	1.22E+08	1.22E+08	-	0.029499
Spg11	MmuINT0151418	chr2	1.22E+08	1.22E+08	-	0.067634
Spg11	MmuINT0151419	chr2	1.22E+08	1.22E+08	-	0.062298
Spg11	MmuINT0151420	chr2	1.22E+08	1.22E+08	-	0.09337
Spg11	MmuINT0151421	chr2	1.22E+08	1.22E+08	-	0.150042
Spg11	MmuINT0151423	chr2	1.22E+08	1.22E+08	-	0.052272
Spg11	MmuINT0151424	chr2	1.22E+08	1.22E+08	-	0.032092
Spg11	MmuINT0151425	chr2	1.22E+08	1.22E+08	-	0.066175
Spg11	MmuINT0151426	chr2	1.22E+08	1.22E+08	-	0.071932
Spg11	MmuINT0151427	chr2	1.22E+08	1.22E+08	-	0.037367
Spg11	MmuINT0151438	chr2	1.22E+08	1.22E+08	-	0.035762
Spg20	MmuINT0151442	chr3	54921718	54925521	+	0.006487
Spg20	MmuINT0151443	chr3	54925720	54930455	+	0.052315
Spg20	MmuINT0151444	chr3	54930577	54931416	+	0.00547
Spg20	MmuINT0151445	chr3	54931612	54932138	+	0.00649
Spg20	MmuINT0151446	chr3	54932298	54932420	+	0.007395
Spg20	MmuINT0151447	chr3	54932512	54939331	+	0.012569
Spg21	MmuINT0151448	chr9	65308962	65313070	+	0.026439
Spg21	MmuINT0151449	chr9	65313158	65316581	+	0.020529
Spg21	MmuINT0151450	chr9	65316744	65321444	+	0.013052
Spg21	MmuINT0151451	chr9	65321526	65323646	+	0.014833
Spg21	MmuINT0151452	chr9	65323793	65328185	+	0.014057
Spg21	MmuINT0151453	chr9	65328295	65329667	+	0.00997
Spg21	MmuINT0151454	chr9	65329776	65332248	+	0.01743
Spg21	MmuINT0151455	chr9	65332390	65334639	+	0.013788
Spg7	MmuINT0151456	chr8	1.26E+08	1.26E+08	+	0.009853
Spg7	MmuINT0151457	chr8	1.26E+08	1.26E+08	+	0.004825
Spg7	MmuINT0151458	chr8	1.26E+08	1.26E+08	+	0.013231
Spg7	MmuINT0151459	chr8	1.26E+08	1.26E+08	+	0.003264
Spg7	MmuINT0151460	chr8	1.26E+08	1.26E+08	+	0.00243
Spg7	MmuINT0151461	chr8	1.26E+08	1.26E+08	+	0.003719
Spg7	MmuINT0151462	chr8	1.26E+08	1.26E+08	+	0.003894
Spg7	MmuINT0151463	chr8	1.26E+08	1.26E+08	+	0.012352
Spg7	MmuINT0151464	chr8	1.26E+08	1.26E+08	+	0.003071
Spg7	MmuINT0151465	chr8	1.26E+08	1.26E+08	+	0.011677
Spg7	MmuINT0151466	chr8	1.26E+08	1.26E+08	+	0.005067
Spg7	MmuINT0151467	chr8	1.26E+08	1.26E+08	+	0.001315
Spg7	MmuINT0151468	chr8	1.26E+08	1.26E+08	+	0.006266
Spg7	MmuINT0151469	chr8	1.26E+08	1.26E+08	+	0.02289
Spg7	MmuINT0151470	chr8	1.26E+08	1.26E+08	+	0.01581
Spg7	MmuINT0151471	chr8	1.26E+08	1.26E+08	+	0.009681
Sphk1	MmuINT0151475	chr11	1.16E+08	1.16E+08	+	0.296776
Sphk2	MmuINT0151478	chr7	52969099	52969966	-	0.137213
Sphk2	MmuINT0151479	chr7	52967976	52968629	-	0.025309
Sphk2	MmuINT0151480	chr7	52967722	52967825	-	0.014039
Sphk2	MmuINT0151481	chr7	52967544	52967626	-	0.045746
Sphk2	MmuINT0151482	chr7	52967182	52967427	-	0.030409
Spin1	MmuINT0151506	chr13	51196360	51218456	+	0.053649

Spin1	MmuINT0151507	chr13	51218658	51223293	+	0.00575
Spin1	MmuINT0151508	chr13	51223343	51234725	+	0.014667
Spin1	MmuINT0151509	chr13	51234980	51239670	+	0.000602
Spin1	MmuINT0151510	chr13	51239905	51244330	+	0.000634
Spink4	MmuINT0151544	chr4	40876225	40878289	+	0.061666
Spint2	MmuINT0151600	chr7	30045450	30066530	-	0.004581
Spint2	MmuINT0151601	chr7	30044472	30045389	-	0.017722
Spint2	MmuINT0151602	chr7	30043608	30044417	-	0.009324
Spint2	MmuINT0151603	chr7	30043226	30043445	-	0.011426
Spint2	MmuINT0151604	chr7	30041857	30043186	-	0.035427
Spire1	MmuINT0151613	chr18	67705395	67712227	-	0.053833
Spire1	MmuINT0151617	chr18	67654931	67655016	-	0.045581
Spire1	MmuINT0151618	chr18	67651204	67654793	-	0.069355
Spire1	MmuINT0151624	chr18	67665399	67666207	-	0.044103
Spire1	MmuINT0151625	chr18	67663228	67665304	-	0.059206
Spna1	MmuINT0151643	chr1	1.76E+08	1.76E+08	+	0.02831
Spna1	MmuINT0151654	chr1	1.76E+08	1.76E+08	+	0.027362
Spna1	MmuINT0151663	chr1	1.76E+08	1.76E+08	+	0.040614
Spna1	MmuINT0151664	chr1	1.76E+08	1.76E+08	+	0.026201
Spna1	MmuINT0151665	chr1	1.76E+08	1.76E+08	+	0.042522
Spna1	MmuINT0151666	chr1	1.76E+08	1.76E+08	+	0.036912
Spna1	MmuINT0151667	chr1	1.76E+08	1.76E+08	+	0.037194
Spna1	MmuINT0151668	chr1	1.76E+08	1.76E+08	+	0.022349
Spna1	MmuINT0151669	chr1	1.76E+08	1.76E+08	+	0.030337
Spna1	MmuINT0151670	chr1	1.76E+08	1.76E+08	+	0.030781
Spna1	MmuINT0151671	chr1	1.76E+08	1.76E+08	+	0.027195
Spna1	MmuINT0151672	chr1	1.76E+08	1.76E+08	+	0.03375
Spna1	MmuINT0151673	chr1	1.76E+08	1.76E+08	+	0.030427
Spna1	MmuINT0151674	chr1	1.76E+08	1.76E+08	+	0.0347
Spna1	MmuINT0151675	chr1	1.76E+08	1.76E+08	+	0.05131
Spna1	MmuINT0151676	chr1	1.76E+08	1.76E+08	+	0.04484
Spna1	MmuINT0151677	chr1	1.76E+08	1.76E+08	+	0.039138
Spna1	MmuINT0151678	chr1	1.76E+08	1.76E+08	+	0.040691
Spna1	MmuINT0151679	chr1	1.76E+08	1.76E+08	+	0.037389
Spna1	MmuINT0151680	chr1	1.76E+08	1.76E+08	+	0.052575
Spna1	MmuINT0151681	chr1	1.76E+08	1.76E+08	+	0.030972
Spna1	MmuINT0151682	chr1	1.76E+08	1.76E+08	+	0.014885
Spna1	MmuINT0151683	chr1	1.76E+08	1.76E+08	+	0.018026
Spna1	MmuINT0151684	chr1	1.76E+08	1.76E+08	+	0.017942
Spna1	MmuINT0151685	chr1	1.76E+08	1.76E+08	+	0.149084
Spna1	MmuINT0151686	chr1	1.76E+08	1.76E+08	+	0.020518
Spna1	MmuINT0151688	chr1	1.76E+08	1.76E+08	+	0.020243
Spna1	MmuINT0151689	chr1	1.76E+08	1.76E+08	+	0.028039
Spna1	MmuINT0151690	chr1	1.76E+08	1.76E+08	+	0.040507
Spna1	MmuINT0151691	chr1	1.76E+08	1.76E+08	+	0.046264
Spna2	MmuINT0151694	chr2	29821306	29833896	+	0.010785
Spna2	MmuINT0151695	chr2	29846564	29847378	+	0.007225
Spna2	MmuINT0151696	chr2	29847517	29848156	+	0.00489
Spna2	MmuINT0151697	chr2	29848268	29849132	+	0.004742
Spna2	MmuINT0151698	chr2	29849211	29849319	+	0.006198

Spna2	MmuINT0151699	chr2	29849476	29849680	+	0.002785
Spna2	MmuINT0151700	chr2	29849886	29850915	+	0.003493
Spna2	MmuINT0151701	chr2	29851098	29851540	+	0.003207
Spna2	MmuINT0151702	chr2	29851785	29851943	+	0.006276
Spna2	MmuINT0151703	chr2	29852067	29852256	+	0.002241
Spna2	MmuINT0151704	chr2	29852475	29853675	+	0.004926
Spna2	MmuINT0151705	chr2	29834137	29835596	+	0.003456
Spna2	MmuINT0151706	chr2	29853769	29854645	+	0.006343
Spna2	MmuINT0151707	chr2	29854781	29855433	+	0.003841
Spna2	MmuINT0151708	chr2	29855583	29857750	+	0.044948
Spna2	MmuINT0151709	chr2	29857950	29858834	+	0.002892
Spna2	MmuINT0151710	chr2	29858940	29859193	+	0.003998
Spna2	MmuINT0151711	chr2	29859218	29860024	+	0.033444
Spna2	MmuINT0151712	chr2	29860061	29862142	+	0.006369
Spna2	MmuINT0151713	chr2	29862191	29863013	+	0.005756
Spna2	MmuINT0151714	chr2	29863106	29863362	+	0.00402
Spna2	MmuINT0151715	chr2	29863508	29863593	+	0.003543
Spna2	MmuINT0151716	chr2	29835723	29838679	+	0.003104
Spna2	MmuINT0151717	chr2	29863776	29866218	+	0.005368
Spna2	MmuINT0151718	chr2	29866319	29866429	+	0.003584
Spna2	MmuINT0151719	chr2	29866628	29866705	+	0.003641
Spna2	MmuINT0151720	chr2	29866853	29868965	+	0.004033
Spna2	MmuINT0151721	chr2	29869070	29869195	+	0.002261
Spna2	MmuINT0151722	chr2	29869359	29869677	+	0.035081
Spna2	MmuINT0151723	chr2	29869693	29871108	+	0.03512
Spna2	MmuINT0151724	chr2	29871241	29871453	+	0.00239
Spna2	MmuINT0151725	chr2	29871592	29872717	+	0.003728
Spna2	MmuINT0151726	chr2	29872823	29873881	+	0.002593
Spna2	MmuINT0151727	chr2	29838821	29839133	+	0.004887
Spna2	MmuINT0151728	chr2	29874091	29875446	+	0.004383
Spna2	MmuINT0151729	chr2	29875568	29875947	+	0.002677
Spna2	MmuINT0151730	chr2	29876070	29876710	+	0.002092
Spna2	MmuINT0151731	chr2	29876844	29877959	+	0.008687
Spna2	MmuINT0151732	chr2	29878059	29880421	+	0.003508
Spna2	MmuINT0151733	chr2	29880582	29881041	+	0.011309
Spna2	MmuINT0151734	chr2	29881119	29881530	+	0.007678
Spna2	MmuINT0151735	chr2	29881741	29882040	+	0.003434
Spna2	MmuINT0151736	chr2	29882338	29882538	+	0.003063
Spna2	MmuINT0151737	chr2	29882652	29883150	+	0.077647
Spna2	MmuINT0151738	chr2	29839281	29841684	+	0.005198
Spna2	MmuINT0151739	chr2	29883169	29884163	+	0.398943
Spna2	MmuINT0151740	chr2	29884227	29885139	+	0.229263
Spna2	MmuINT0151741	chr2	29885195	29885519	+	0.034334
Spna2	MmuINT0151742	chr2	29885717	29885836	+	0.010957
Spna2	MmuINT0151743	chr2	29885891	29885971	+	0.020866
Spna2	MmuINT0151744	chr2	29886119	29886194	+	0.035544
Spna2	MmuINT0151745	chr2	29886343	29886490	+	0.007645
Spna2	MmuINT0151746	chr2	29841819	29841914	+	0.004899
Spna2	MmuINT0151747	chr2	29842060	29842297	+	0.017507
Spna2	MmuINT0151748	chr2	29842453	29843853	+	0.013675

Spna2	MmuINT0151749	chr2	29843990	29846461	+	0.004559
Spnb1	MmuINT0151753	chr12	77750966	77810921	-	0.010552
Spnb1	MmuINT0151754	chr12	77725373	77725982	-	0.006949
Spnb1	MmuINT0151755	chr12	77724199	77725213	-	0.006731
Spnb1	MmuINT0151756	chr12	77723281	77723895	-	0.003795
Spnb1	MmuINT0151757	chr12	77722514	77723129	-	0.003668
Spnb1	MmuINT0151758	chr12	77720164	77721642	-	0.003756
Spnb1	MmuINT0151759	chr12	77714308	77720025	-	0.003984
Spnb1	MmuINT0151760	chr12	77713186	77713550	-	0.004246
Spnb1	MmuINT0151761	chr12	77712891	77712982	-	0.003813
Spnb1	MmuINT0151762	chr12	77711878	77712799	-	0.006874
Spnb1	MmuINT0151763	chr12	77710292	77711730	-	0.003437
Spnb1	MmuINT0151764	chr12	77733519	77750763	-	0.004178
Spnb1	MmuINT0151765	chr12	77709685	77710027	-	0.002183
Spnb1	MmuINT0151766	chr12	77709059	77709477	-	0.004054
Spnb1	MmuINT0151767	chr12	77707512	77708968	-	0.003407
Spnb1	MmuINT0151768	chr12	77706607	77707232	-	0.003776
Spnb1	MmuINT0151769	chr12	77705214	77706475	-	0.004182
Spnb1	MmuINT0151770	chr12	77704751	77705008	-	0.003262
Spnb1	MmuINT0151771	chr12	77703092	77704375	-	0.003529
Spnb1	MmuINT0151772	chr12	77701449	77702846	-	0.004868
Spnb1	MmuINT0151773	chr12	77700897	77701309	-	0.003508
Spnb1	MmuINT0151774	chr12	77699778	77700811	-	0.004255
Spnb1	MmuINT0151775	chr12	77731746	77733366	-	0.003334
Spnb1	MmuINT0151776	chr12	77699322	77699580	-	0.004443
Spnb1	MmuINT0151777	chr12	77698789	77699271	-	0.007349
Spnb1	MmuINT0151778	chr12	77688578	77698712	-	0.011807
Spnb1	MmuINT0151779	chr12	77684921	77688317	-	0.005348
Spnb1	MmuINT0151780	chr12	77684591	77684746	-	0.006431
Spnb1	MmuINT0151781	chr12	77684380	77684547	-	0.006548
Spnb1	MmuINT0151782	chr12	77730692	77731571	-	0.005595
Spnb1	MmuINT0151783	chr12	77729963	77730599	-	0.006207
Spnb1	MmuINT0151784	chr12	77729579	77729881	-	0.005446
Spnb1	MmuINT0151785	chr12	77728982	77729462	-	0.004449
Spnb1	MmuINT0151786	chr12	77728123	77728868	-	0.005037
Spnb1	MmuINT0151787	chr12	77726101	77727934	-	0.004687
Spnb2	MmuINT0151789	chr11	30042423	30043018	-	0.001173
Spnb2	MmuINT0151790	chr11	30040625	30042119	-	0.001059
Spnb2	MmuINT0151791	chr11	30039463	30040470	-	0.001263
Spnb2	MmuINT0151792	chr11	30038502	30038591	-	0.001444
Spnb2	MmuINT0151793	chr11	30037631	30038363	-	0.000879
Spnb2	MmuINT0151794	chr11	30036143	30036873	-	0.001005
Spnb2	MmuINT0151795	chr11	30029661	30035939	-	0.000788
Spnb2	MmuINT0151796	chr11	30025013	30029569	-	0.000894
Spnb2	MmuINT0151797	chr11	30024063	30024865	-	0.000092
Spnb2	MmuINT0151798	chr11	30021701	30023798	-	0.000718
Spnb2	MmuINT0151799	chr11	30054403	30059293	-	0.001849
Spnb2	MmuINT0151800	chr11	30021066	30021475	-	0.001202
Spnb2	MmuINT0151801	chr11	30020812	30020975	-	0.000823
Spnb2	MmuINT0151802	chr11	30019508	30020529	-	0.000888

Spnb2	MmuINT0151803	chr11	30018496	30019376	-	0.000861
Spnb2	MmuINT0151804	chr11	30018011	30018290	-	0.000617
Spnb2	MmuINT0151805	chr11	30014921	30017635	-	0.001452
Spnb2	MmuINT0151806	chr11	30013995	30014675	-	0.000878
Spnb2	MmuINT0151807	chr11	30012912	30013855	-	0.002166
Spnb2	MmuINT0151808	chr11	30010923	30012826	-	0.002464
Spnb2	MmuINT0151809	chr11	30009981	30010725	-	0.00168
Spnb2	MmuINT0151810	chr11	30051648	30054228	-	0.0015
Spnb2	MmuINT0151811	chr11	30050011	30051555	-	0.001932
Spnb2	MmuINT0151812	chr11	30049616	30049929	-	0.00193
Spnb2	MmuINT0151813	chr11	30046852	30049499	-	0.001337
Spnb2	MmuINT0151814	chr11	30046017	30046738	-	0.001725
Spnb2	MmuINT0151815	chr11	30044224	30045828	-	0.00094
Spnb2	MmuINT0151816	chr11	30043178	30044105	-	0.001454
Spnb2	MmuINT0151818	chr11	30003422	30004435	-	0.004507
Spnb2	MmuINT0151819	chr11	30001656	30003247	-	0.043953
Spnb2	MmuINT0151820	chr11	30000715	30001612	-	0.014358
Spns1	MmuINT0151892	chr7	1.34E+08	1.34E+08	-	0.013733
Spns1	MmuINT0151893	chr7	1.34E+08	1.34E+08	-	0.015276
Spns1	MmuINT0151894	chr7	1.34E+08	1.34E+08	-	0.019293
Spns1	MmuINT0151895	chr7	1.34E+08	1.34E+08	-	0.015655
Spns1	MmuINT0151896	chr7	1.34E+08	1.34E+08	-	0.126012
Spns1	MmuINT0151897	chr7	1.34E+08	1.34E+08	-	0.109005
Spns1	MmuINT0151898	chr7	1.34E+08	1.34E+08	-	0.092737
Spns1	MmuINT0151899	chr7	1.34E+08	1.34E+08	-	0.055775
Spns1	MmuINT0151900	chr7	1.34E+08	1.34E+08	-	0.023707
Spns1	MmuINT0151901	chr7	1.34E+08	1.34E+08	-	0.099914
Spns1	MmuINT0151902	chr7	1.34E+08	1.34E+08	-	0.093449
Spns2	MmuINT0151903	chr11	72288273	72302927	-	0.044634
Spns2	MmuINT0151904	chr11	72267720	72267801	-	0.066402
Spns2	MmuINT0151905	chr11	72267103	72267555	-	0.39933
Spns2	MmuINT0151906	chr11	72266618	72267055	-	0.266514
Spns2	MmuINT0151907	chr11	72277282	72288206	-	0.095844
Spns2	MmuINT0151908	chr11	72272556	72277144	-	0.045157
Spns2	MmuINT0151909	chr11	72272202	72272403	-	0.042981
Spns2	MmuINT0151910	chr11	72270850	72272134	-	0.065211
Spns2	MmuINT0151911	chr11	72270430	72270706	-	0.099019
Spns2	MmuINT0151912	chr11	72270192	72270276	-	0.028265
Spns2	MmuINT0151913	chr11	72269871	72270001	-	0.03077
Spns2	MmuINT0151914	chr11	72267901	72269804	-	0.165341
Spock2	MmuINT0151951	chr10	59583989	59584225	+	0.032158
Spock2	MmuINT0151956	chr10	59589019	59589581	+	0.039298
Spon1	MmuINT0151971	chr7	1.21E+08	1.21E+08	+	0.04871
Spon1	MmuINT0151972	chr7	1.21E+08	1.21E+08	+	0.140664
Spon1	MmuINT0151973	chr7	1.21E+08	1.21E+08	+	0.049129
Spon1	MmuINT0151974	chr7	1.21E+08	1.21E+08	+	0.035946
Spon1	MmuINT0151975	chr7	1.21E+08	1.21E+08	+	0.067916
Spon1	MmuINT0151976	chr7	1.21E+08	1.21E+08	+	0.041951
Spon1	MmuINT0151978	chr7	1.21E+08	1.21E+08	+	0.034451
Spon1	MmuINT0151979	chr7	1.21E+08	1.21E+08	+	0.052456

Spon1	MmuINT0151980	chr7	1.21E+08	1.21E+08	+	0.023736
Spon1	MmuINT0151983	chr7	1.21E+08	1.21E+08	+	0.030378
Spon1	MmuINT0151984	chr7	1.21E+08	1.21E+08	+	0.050249
Spon2	MmuINT0151987	chr5	33559174	33559245	-	0.034717
Spop	MmuINT0151990	chr11	95275446	95275645	+	0.960166
Spop	MmuINT0151991	chr11	95351742	95353010	+	0.00121
Spop	MmuINT0151992	chr11	95275719	95331835	+	0.002123
Spop	MmuINT0151993	chr11	95331980	95332536	+	0.001266
Spop	MmuINT0151994	chr11	95332659	95335544	+	0.004983
Spop	MmuINT0151995	chr11	95335697	95335798	+	0.001099
Spop	MmuINT0151996	chr11	95335927	95343227	+	0.001143
Spop	MmuINT0151997	chr11	95343406	95346605	+	0.001523
Spop	MmuINT0151998	chr11	95346662	95347150	+	0.002499
Spop	MmuINT0151999	chr11	95347274	95351598	+	0.002525
Spopl	MmuINT0152004	chr2	23366981	23370524	-	0.029673
Spopl	MmuINT0152005	chr2	23400795	23400963	-	0.040284
Spopl	MmuINT0152006	chr2	23400418	23400672	-	0.022724
Spopl	MmuINT0152007	chr2	23398845	23400265	-	0.021451
Spopl	MmuINT0152008	chr2	23393159	23398716	-	0.040434
Spopl	MmuINT0152009	chr2	23392904	23392980	-	0.020247
Spopl	MmuINT0152010	chr2	23373472	23392847	-	0.026643
Spopl	MmuINT0152011	chr2	23370811	23373348	-	0.035424
Spopl	MmuINT0152012	chr2	23370579	23370667	-	0.022662
Sspl3	MmuINT0152026	chr5	1.15E+08	1.16E+08	+	0.031173
Sspl3	MmuINT0152027	chr5	1.16E+08	1.16E+08	+	0.009148
Sspl3	MmuINT0152028	chr5	1.16E+08	1.16E+08	+	0.010138
Sspl3	MmuINT0152029	chr5	1.16E+08	1.16E+08	+	0.010645
Sspl3	MmuINT0152030	chr5	1.16E+08	1.16E+08	+	0.008671
Sspl3	MmuINT0152034	chr5	1.16E+08	1.16E+08	+	0.019682
Sspl3	MmuINT0152035	chr5	1.16E+08	1.16E+08	+	0.018172
Spr	MmuINT0152036	chr6	85087108	85087432	-	0.007121
Spred1	MmuINT0152038	chr2	1.17E+08	1.17E+08	+	0.019856
Spred1	MmuINT0152039	chr2	1.17E+08	1.17E+08	+	0.017863
Spred1	MmuINT0152040	chr2	1.17E+08	1.17E+08	+	0.036691
Spred1	MmuINT0152041	chr2	1.17E+08	1.17E+08	+	0.019867
Spred1	MmuINT0152042	chr2	1.17E+08	1.17E+08	+	0.04757
Spred1	MmuINT0152043	chr2	1.17E+08	1.17E+08	+	0.042404
Spred2	MmuINT0152044	chr11	19824960	19898122	+	0.009547
Spred2	MmuINT0152045	chr11	19898301	19905784	+	0.013917
Spred2	MmuINT0152046	chr11	19905954	19908415	+	0.025946
Spred2	MmuINT0152047	chr11	19908481	19918054	+	0.016773
Spred2	MmuINT0152048	chr11	19918193	19920793	+	0.006577
Spry1	MmuINT0152067	chr3	37539028	37539441	+	0.177749
Spry1	MmuINT0152068	chr3	37539731	37541476	+	0.403073
Spry2	MmuINT0152069	chr14	1.06E+08	1.06E+08	-	0.047148
Spry4	MmuINT0152070	chr18	38750410	38760823	-	0.080971
Spryd3	MmuINT0152071	chr15	1.02E+08	1.02E+08	-	0.019288
Spryd3	MmuINT0152072	chr15	1.02E+08	1.02E+08	-	0.014447
Spryd3	MmuINT0152073	chr15	1.02E+08	1.02E+08	-	0.01695
Spryd3	MmuINT0152074	chr15	1.02E+08	1.02E+08	-	0.024939



Spryd3	MmuINT0152075	chr15	1.02E+08	1.02E+08	-	0.01252
Spryd3	MmuINT0152076	chr15	1.02E+08	1.02E+08	-	0.020453
Spryd3	MmuINT0152077	chr15	1.02E+08	1.02E+08	-	0.027845
Spryd3	MmuINT0152078	chr15	1.02E+08	1.02E+08	-	0.013429
Spryd3	MmuINT0152079	chr15	1.02E+08	1.02E+08	-	0.01368
Spryd3	MmuINT0152080	chr15	1.02E+08	1.02E+08	-	0.010731
Spryd4	MmuINT0152081	chr10	1.28E+08	1.28E+08	-	0.004248
Spsb1	MmuINT0152082	chr4	1.49E+08	1.49E+08	-	0.011577
Spsb1	MmuINT0152083	chr4	1.49E+08	1.49E+08	-	0.010844
Spsb2	MmuINT0152085	chr6	1.25E+08	1.25E+08	+	0.211415
Spsb3	MmuINT0152087	chr17	25024534	25024724	+	0.665608
Spsb3	MmuINT0152088	chr17	25024863	25027227	+	0.085687
Spsb3	MmuINT0152089	chr17	25027406	25027512	+	0.180336
Spsb3	MmuINT0152090	chr17	25027701	25027777	+	0.128269
Spsb3	MmuINT0152091	chr17	25027881	25027955	+	0.107059
Spsb3	MmuINT0152092	chr17	25028082	25028304	+	0.112653
Spsb4	MmuINT0152093	chr9	96896841	96918612	-	0.025446
Spsb4	MmuINT0152094	chr9	96845124	96895993	-	0.022797
Sptlc1	MmuINT0152095	chr13	53469439	53472661	-	0.051254
Sptlc1	MmuINT0152096	chr13	53438594	53439147	-	0.015319
Sptlc1	MmuINT0152097	chr13	53437596	53438496	-	0.092562
Sptlc1	MmuINT0152098	chr13	53433095	53437540	-	0.124441
Sptlc1	MmuINT0152099	chr13	53430784	53432976	-	0.023998
Sptlc1	MmuINT0152100	chr13	53429347	53430709	-	0.013588
Sptlc1	MmuINT0152101	chr13	53468793	53469330	-	0.01925
Sptlc1	MmuINT0152102	chr13	53463329	53468697	-	0.023547
Sptlc1	MmuINT0152103	chr13	53462754	53463234	-	0.023209
Sptlc1	MmuINT0152104	chr13	53454263	53462680	-	0.01826
Sptlc1	MmuINT0152105	chr13	53449650	53454129	-	0.015875
Sptlc1	MmuINT0152106	chr13	53447060	53449519	-	0.015454
Sptlc1	MmuINT0152108	chr13	53439244	53440169	-	0.047401
Sptlc2	MmuINT0152109	chr12	88710076	88728995	-	0.019503
Sptlc2	MmuINT0152110	chr12	88653778	88655000	-	0.015312
Sptlc2	MmuINT0152111	chr12	88650971	88653647	-	0.023015
Sptlc2	MmuINT0152112	chr12	88697653	88709880	-	0.018957
Sptlc2	MmuINT0152113	chr12	88696625	88697497	-	0.020678
Sptlc2	MmuINT0152114	chr12	88691336	88696475	-	0.011594
Sptlc2	MmuINT0152115	chr12	88687752	88691210	-	0.023348
Sptlc2	MmuINT0152116	chr12	88683700	88687657	-	0.047328
Sptlc2	MmuINT0152117	chr12	88682707	88683593	-	0.022863
Sptlc2	MmuINT0152118	chr12	88677109	88682486	-	0.020069
Sptlc2	MmuINT0152119	chr12	88655137	88676981	-	0.016318
Spty2d1	MmuINT0152132	chr7	54255256	54263444	-	0.070775
Spty2d1	MmuINT0152133	chr7	54254375	54255140	-	0.046951
Spty2d1	MmuINT0152134	chr7	54251556	54252841	-	0.030905
Spty2d1	MmuINT0152135	chr7	54250013	54251386	-	0.037058
Spty2d1	MmuINT0152136	chr7	54248757	54249934	-	0.042791
Sqle	MmuINT0152138	chr15	59161383	59162279	+	0.853688
Sqle	MmuINT0152146	chr15	59158222	59161294	+	0.697841
Sqrdl	MmuINT0152149	chr2	1.23E+08	1.23E+08	+	0.004074

Sqrdl	MmuINT0152150	chr2	1.23E+08	1.23E+08	+	0.005014
Sqrdl	MmuINT0152151	chr2	1.23E+08	1.23E+08	+	0.005005
Sqrdl	MmuINT0152152	chr2	1.23E+08	1.23E+08	+	0.002621
Sqrdl	MmuINT0152153	chr2	1.23E+08	1.23E+08	+	0.009105
Sqrdl	MmuINT0152154	chr2	1.23E+08	1.23E+08	+	0.004346
Sqrdl	MmuINT0152155	chr2	1.23E+08	1.23E+08	+	0.006879
Sqrdl	MmuINT0152156	chr2	1.23E+08	1.23E+08	+	0.006032
Sqstm1	MmuINT0152158	chr11	50021419	50024054	-	0.004969
Sqstm1	MmuINT0152159	chr11	50021139	50021322	-	0.001416
Sqstm1	MmuINT0152160	chr11	50020804	50020908	-	0.000867
Sqstm1	MmuINT0152161	chr11	50019606	50020661	-	0.001252
Sqstm1	MmuINT0152162	chr11	50016537	50019524	-	0.005008
Sqstm1	MmuINT0152163	chr11	50016097	50016315	-	0.002022
Sqstm1	MmuINT0152164	chr11	50014450	50015900	-	0.01239
Sra1	MmuINT0152165	chr18	36829784	36829901	-	0.061479
Sra1	MmuINT0152166	chr18	36827317	36828302	-	0.972143
Sra1	MmuINT0152167	chr18	36827554	36828305	-	0.017255
Sra1	MmuINT0152168	chr18	36827314	36827444	-	0.030545
Srbd1	MmuINT0152174	chr17	86457108	86497851	-	0.03776
Srbd1	MmuINT0152175	chr17	86450509	86457015	-	0.057655
Srbd1	MmuINT0152176	chr17	86403294	86450425	-	0.059389
Srbd1	MmuINT0152178	chr17	86399814	86400770	-	0.058376
Srbd1	MmuINT0152179	chr17	86387850	86399660	-	0.037135
Srbd1	MmuINT0152180	chr17	86538590	86541699	-	0.042605
Srbd1	MmuINT0152181	chr17	86384824	86387664	-	0.025599
Srbd1	MmuINT0152186	chr17	86520087	86525450	-	0.045544
Src	MmuINT0152191	chr2	1.57E+08	1.57E+08	+	0.065681
Srd5a3	MmuINT0152241	chr5	76569574	76576710	+	0.031867
Srd5a3	MmuINT0152242	chr5	76576854	76578227	+	0.033333
Srd5a3	MmuINT0152243	chr5	76578264	76578777	+	0.021731
Srd5a3	MmuINT0152244	chr5	76578976	76582548	+	0.058401
Srd5a3	MmuINT0152245	chr5	76582684	76583547	+	0.035658
Srebf1	MmuINT0152246	chr11	60020760	60033954	-	0.02508
Srebf1	MmuINT0152247	chr11	60016768	60016847	-	0.056773
Srebf1	MmuINT0152248	chr11	60016433	60016600	-	0.03592
Srebf1	MmuINT0152249	chr11	60015764	60016263	-	0.028696
Srebf1	MmuINT0152250	chr11	60015408	60015660	-	0.055787
Srebf1	MmuINT0152251	chr11	60015215	60015297	-	0.043485
Srebf1	MmuINT0152252	chr11	60014914	60015081	-	0.046915
Srebf1	MmuINT0152253	chr11	60014338	60014747	-	0.028491
Srebf1	MmuINT0152254	chr11	60014040	60014136	-	0.029358
Srebf1	MmuINT0152255	chr11	60013654	60013927	-	0.015456
Srebf1	MmuINT0152256	chr11	60020076	60020339	-	0.020797
Srebf1	MmuINT0152257	chr11	60019813	60019896	-	0.035745
Srebf1	MmuINT0152258	chr11	60019580	60019674	-	0.026028
Srebf1	MmuINT0152259	chr11	60018736	60019357	-	0.05257
Srebf1	MmuINT0152260	chr11	60018104	60018623	-	0.016845
Srebf1	MmuINT0152261	chr11	60017769	60017888	-	0.029581
Srebf1	MmuINT0152262	chr11	60017480	60017572	-	0.018045
Srebf1	MmuINT0152263	chr11	60017110	60017300	-	0.017965

Srebf2	MmuINT0152264	chr15	81977921	82000167	+	0.010123
Srebf2	MmuINT0152265	chr15	82012688	82015693	+	0.018665
Srebf2	MmuINT0152266	chr15	82015864	82022635	+	0.039682
Srebf2	MmuINT0152267	chr15	82022805	82024474	+	0.024173
Srebf2	MmuINT0152268	chr15	82024593	82025344	+	0.035996
Srebf2	MmuINT0152269	chr15	82025455	82026589	+	0.019664
Srebf2	MmuINT0152270	chr15	82026723	82028047	+	0.033055
Srebf2	MmuINT0152271	chr15	82028217	82030064	+	0.039895
Srebf2	MmuINT0152272	chr15	82030251	82033614	+	0.036382
Srebf2	MmuINT0152273	chr15	82033727	82034126	+	0.028092
Srebf2	MmuINT0152274	chr15	82000585	82001531	+	0.013539
Srebf2	MmuINT0152275	chr15	82001714	82003182	+	0.01594
Srebf2	MmuINT0152276	chr15	82003330	82005526	+	0.296593
Srebf2	MmuINT0152277	chr15	82005749	82007585	+	0.018362
Srebf2	MmuINT0152278	chr15	82007701	82007835	+	0.020451
Srebf2	MmuINT0152279	chr15	82008018	82009146	+	0.015236
Srebf2	MmuINT0152280	chr15	82009340	82009795	+	0.016791
Srebf2	MmuINT0152281	chr15	82009978	82012410	+	0.021503
Srek1ip1	MmuINT0152282	chr13	1.06E+08	1.06E+08	+	0.025841
Srek1ip1	MmuINT0152283	chr13	1.06E+08	1.06E+08	+	0.016623
Srek1ip1	MmuINT0152284	chr13	1.06E+08	1.06E+08	+	0.019818
Srek1ip1	MmuINT0152285	chr13	1.06E+08	1.06E+08	+	0.037164
Srf	MmuINT0152286	chr17	46690776	46692276	-	0.010766
Srf	MmuINT0152287	chr17	46688742	46690508	-	0.002664
Srf	MmuINT0152288	chr17	46687970	46688479	-	0.012528
Srf	MmuINT0152289	chr17	46686986	46687849	-	0.040147
Srf	MmuINT0152290	chr17	46686462	46686793	-	0.042162
Srf	MmuINT0152291	chr17	46686128	46686384	-	0.003284
Srfbp1	MmuINT0152292	chr18	52625440	52635249	+	0.017977
Srfbp1	MmuINT0152293	chr18	52635339	52635953	+	0.025209
Srfbp1	MmuINT0152294	chr18	52636027	52643286	+	0.0314
Srfbp1	MmuINT0152295	chr18	52643359	52647165	+	0.067547
Srfbp1	MmuINT0152296	chr18	52647248	52647904	+	0.0222
Srfbp1	MmuINT0152297	chr18	52648626	52649671	+	0.012154
Srfbp1	MmuINT0152298	chr18	52649710	52650097	+	0.013162
Srgap1	MmuINT0152312	chr10	1.21E+08	1.21E+08	-	0.069019
Srgap2	MmuINT0152320	chr1	1.33E+08	1.33E+08	-	0.056086
Srgap2	MmuINT0152321	chr1	1.33E+08	1.33E+08	-	0.011982
Srgap2	MmuINT0152322	chr1	1.33E+08	1.33E+08	-	0.013891
Srgap2	MmuINT0152323	chr1	1.33E+08	1.33E+08	-	0.019317
Srgap2	MmuINT0152324	chr1	1.33E+08	1.33E+08	-	0.014586
Srgap2	MmuINT0152325	chr1	1.33E+08	1.33E+08	-	0.023953
Srgap2	MmuINT0152326	chr1	1.33E+08	1.33E+08	-	0.035327
Srgap2	MmuINT0152327	chr1	1.33E+08	1.33E+08	-	0.028096
Srgap2	MmuINT0152328	chr1	1.33E+08	1.33E+08	-	0.016009
Srgap2	MmuINT0152329	chr1	1.33E+08	1.33E+08	-	0.014635
Srgap2	MmuINT0152330	chr1	1.33E+08	1.33E+08	-	0.02256
Srgap2	MmuINT0152331	chr1	1.33E+08	1.33E+08	-	0.014967
Srgap2	MmuINT0152332	chr1	1.33E+08	1.33E+08	-	0.091389
Srgap2	MmuINT0152333	chr1	1.33E+08	1.33E+08	-	0.739728

Srgap2	MmuINT0152334	chr1	1.33E+08	1.33E+08	-	0.049829
Srgap2	MmuINT0152335	chr1	1.33E+08	1.33E+08	-	0.017449
Srgap2	MmuINT0152336	chr1	1.33E+08	1.33E+08	-	0.02072
Srgap2	MmuINT0152337	chr1	1.33E+08	1.33E+08	-	0.02118
Srgap2	MmuINT0152338	chr1	1.33E+08	1.33E+08	-	0.01603
Srgap2	MmuINT0152339	chr1	1.33E+08	1.33E+08	-	0.015092
Srgap2	MmuINT0152340	chr1	1.33E+08	1.33E+08	-	0.01974
Srgap2	MmuINT0152341	chr1	1.33E+08	1.33E+08	-	0.02569
Srgn	MmuINT0152363	chr10	61960672	61970389	-	0.006168
Srgn	MmuINT0152364	chr10	61957855	61960526	-	0.011565
Sri	MmuINT0152367	chr5	8057622	8059352	+	0.006345
Sri	MmuINT0152368	chr5	8059423	8062383	+	0.014689
Sri	MmuINT0152369	chr5	8062428	8063259	+	0.027371
Sri	MmuINT0152370	chr5	8063408	8063636	+	0.02953
Sri	MmuINT0152371	chr5	8063751	8064557	+	0.005158
Sri	MmuINT0152372	chr5	8064617	8067532	+	0.038953
Srl	MmuINT0152373	chr16	4497716	4522992	-	0.002294
Srl	MmuINT0152374	chr16	4493881	4496404	-	0.004225
Srl	MmuINT0152375	chr16	4492390	4493778	-	0.00402
Srl	MmuINT0152376	chr16	4487610	4492293	-	0.002858
Srl	MmuINT0152377	chr16	4486511	4487492	-	0.000357
Srl	MmuINT0152378	chr16	4483285	4486276	-	0.000359
Srm	MmuINT0152379	chr4	1.48E+08	1.48E+08	+	0.019064
Srm	MmuINT0152380	chr4	1.48E+08	1.48E+08	+	0.013971
Srm	MmuINT0152381	chr4	1.48E+08	1.48E+08	+	0.019936
Srm	MmuINT0152382	chr4	1.48E+08	1.48E+08	+	0.004931
Srm	MmuINT0152384	chr4	1.48E+08	1.48E+08	+	0.037273
Srp14	MmuINT0152392	chr2	1.18E+08	1.18E+08	-	0.003916
Srp14	MmuINT0152393	chr2	1.18E+08	1.18E+08	-	0.002222
Srp14	MmuINT0152394	chr2	1.18E+08	1.18E+08	-	0.009113
Srp14	MmuINT0152395	chr2	1.18E+08	1.18E+08	-	0.006458
Srp19	MmuINT0152396	chr18	34490914	34491403	+	0.021102
Srp19	MmuINT0152397	chr18	34491480	34493946	+	0.041933
Srp19	MmuINT0152398	chr18	34494019	34494110	+	0.005848
Srp19	MmuINT0152399	chr18	34494223	34495752	+	0.015275
Srp68	MmuINT0152432	chr11	1.16E+08	1.16E+08	-	0.004655
Srp68	MmuINT0152433	chr11	1.16E+08	1.16E+08	-	0.011678
Srp68	MmuINT0152434	chr11	1.16E+08	1.16E+08	-	0.010595
Srp68	MmuINT0152435	chr11	1.16E+08	1.16E+08	-	0.008245
Srp68	MmuINT0152436	chr11	1.16E+08	1.16E+08	-	0.015738
Srp68	MmuINT0152437	chr11	1.16E+08	1.16E+08	-	0.011588
Srp68	MmuINT0152438	chr11	1.16E+08	1.16E+08	-	0.015084
Srp68	MmuINT0152439	chr11	1.16E+08	1.16E+08	-	0.003476
Srp68	MmuINT0152440	chr11	1.16E+08	1.16E+08	-	0.003056
Srp68	MmuINT0152441	chr11	1.16E+08	1.16E+08	-	0.007787
Srp68	MmuINT0152442	chr11	1.16E+08	1.16E+08	-	0.004453
Srp68	MmuINT0152443	chr11	1.16E+08	1.16E+08	-	0.004875
Srp68	MmuINT0152444	chr11	1.16E+08	1.16E+08	-	0.006641
Srp68	MmuINT0152445	chr11	1.16E+08	1.16E+08	-	0.005261
Srp68	MmuINT0152446	chr11	1.16E+08	1.16E+08	-	0.004318

Srp72	MmulINT0152447	chr5	77403858	77405422	+	0.006351
Srp72	MmulINT0152448	chr5	77418455	77419297	+	0.019472
Srp72	MmulINT0152449	chr5	77419371	77421014	+	0.012089
Srp72	MmulINT0152450	chr5	77421080	77423166	+	0.011084
Srp72	MmulINT0152451	chr5	77423263	77423652	+	0.007876
Srp72	MmulINT0152452	chr5	77423757	77423860	+	0.034169
Srp72	MmulINT0152453	chr5	77423939	77424802	+	0.039093
Srp72	MmulINT0152454	chr5	77424941	77425676	+	0.053002
Srp72	MmulINT0152455	chr5	77425715	77426447	+	0.038414
Srp72	MmulINT0152456	chr5	77426608	77427216	+	0.00709
Srp72	MmulINT0152457	chr5	77405544	77407607	+	0.006443
Srp72	MmulINT0152458	chr5	77407732	77409312	+	0.008446
Srp72	MmulINT0152459	chr5	77409457	77409539	+	0.008586
Srp72	MmulINT0152460	chr5	77409652	77411259	+	0.006388
Srp72	MmulINT0152461	chr5	77411292	77413142	+	0.043011
Srp72	MmulINT0152462	chr5	77413268	77413358	+	0.012213
Srp72	MmulINT0152463	chr5	77413417	77416891	+	0.010316
Srp72	MmulINT0152464	chr5	77417024	77418325	+	0.01529
Srpk1	MmulINT0152467	chr17	28758983	28759344	-	0.048416
Srpk1	MmulINT0152469	chr17	28735948	28736415	-	0.006909
Srpk1	MmulINT0152470	chr17	28731223	28735846	-	0.013003
Srpk1	MmulINT0152471	chr17	28729233	28731114	-	0.007797
Srpk1	MmulINT0152472	chr17	28728239	28729162	-	0.075299
Srpk1	MmulINT0152474	chr17	28745710	28758921	-	0.010682
Srpk1	MmulINT0152475	chr17	28744138	28745590	-	0.009311
Srpk1	MmulINT0152476	chr17	28743340	28744028	-	0.014963
Srpk1	MmulINT0152477	chr17	28742332	28743251	-	0.012041
Srpk1	MmulINT0152478	chr17	28740490	28742243	-	0.015897
Srpk1	MmulINT0152479	chr17	28739799	28740382	-	0.0138
Srpk1	MmulINT0152480	chr17	28737840	28739632	-	0.035492
Srpk2	MmulINT0152482	chr5	23071084	23122144	-	0.015016
Srpk2	MmulINT0152483	chr5	23024538	23029965	-	0.016331
Srpk2	MmulINT0152484	chr5	23024342	23024436	-	0.006545
Srpk2	MmulINT0152485	chr5	23020522	23024233	-	0.008501
Srpk2	MmulINT0152486	chr5	23019863	23020451	-	0.007447
Srpk2	MmulINT0152487	chr5	23013539	23019769	-	0.028477
Srpk2	MmulINT0152488	chr5	23054382	23070931	-	0.009465
Srpk2	MmulINT0152489	chr5	23052886	23054272	-	0.011198
Srpk2	MmulINT0152490	chr5	23051429	23052797	-	0.01104
Srpk2	MmulINT0152491	chr5	23046300	23051340	-	0.027603
Srpk2	MmulINT0152492	chr5	23033881	23046192	-	0.006721
Srpk2	MmulINT0152493	chr5	23032634	23033714	-	0.127192
Srpk2	MmulINT0152494	chr5	23031564	23032607	-	0.082621
Srpk2	MmulINT0152495	chr5	23030434	23031313	-	0.003525
Srpk3	MmulINT0152496	chrX	71019846	71019922	+	0.011249
Srpk3	MmulINT0152497	chrX	71022767	71022847	+	0.015039
Srpk3	MmulINT0152498	chrX	71022949	71023262	+	0.029704
Srpk3	MmulINT0152499	chrX	71023371	71023443	+	0.117397
Srpk3	MmulINT0152500	chrX	71023514	71023592	+	0.178592
Srpk3	MmulINT0152501	chrX	71023686	71023842	+	0.05063

Srpk3	MmuINT0152502	chrX	71020054	71020231	+	0.011858
Srpk3	MmuINT0152503	chrX	71020341	71020442	+	0.014653
Srpk3	MmuINT0152504	chrX	71020531	71020816	+	0.012506
Srpk3	MmuINT0152505	chrX	71020905	71021358	+	0.104071
Srpk3	MmuINT0152506	chrX	71021466	71021536	+	0.026702
Srpk3	MmuINT0152507	chrX	71021703	71021799	+	0.056228
Srpk3	MmuINT0152508	chrX	71021826	71022308	+	0.200465
Srpk3	MmuINT0152509	chrX	71022439	71022526	+	0.03045
Srpr	MmuINT0152510	chr9	35018991	35019576	+	0.011669
Srpr	MmuINT0152517	chr9	35020466	35020714	+	0.00301
Srpr	MmuINT0152518	chr9	35020872	35020967	+	0.001225
Srpr	MmuINT0152519	chr9	35021122	35021331	+	0.001548
Srprb	MmuINT0152523	chr9	1.03E+08	1.03E+08	-	0.007237
Srprb	MmuINT0152524	chr9	1.03E+08	1.03E+08	-	0.006772
Srprb	MmuINT0152525	chr9	1.03E+08	1.03E+08	-	0.023744
Srprb	MmuINT0152526	chr9	1.03E+08	1.03E+08	-	0.01466
Srprb	MmuINT0152527	chr9	1.03E+08	1.03E+08	-	0.023098
Srprb	MmuINT0152528	chr9	1.03E+08	1.03E+08	-	0.011176
Srpx2	MmuINT0152539	chrX	1.3E+08	1.3E+08	+	0.042738
Srpx2	MmuINT0152540	chrX	1.3E+08	1.3E+08	+	0.049542
Srpx2	MmuINT0152541	chrX	1.3E+08	1.3E+08	+	0.090601
Srpx2	MmuINT0152542	chrX	1.3E+08	1.3E+08	+	0.044732
Srpx2	MmuINT0152543	chrX	1.3E+08	1.3E+08	+	0.049063
Srpx2	MmuINT0152544	chrX	1.3E+08	1.3E+08	+	0.05824
Srpx2	MmuINT0152545	chrX	1.3E+08	1.3E+08	+	0.048794
Srpx2	MmuINT0152546	chrX	1.3E+08	1.3E+08	+	0.09213
Srpx2	MmuINT0152547	chrX	1.3E+08	1.3E+08	+	0.073254
Srr	MmuINT0152551	chr11	74724898	74726463	-	0.009491
Srr	MmuINT0152552	chr11	74724649	74724770	-	0.007356
Srr	MmuINT0152553	chr11	74723823	74724544	-	0.026691
Srr	MmuINT0152554	chr11	74723271	74723702	-	0.008923
Srr	MmuINT0152555	chr11	74722346	74722497	-	0.433968
Srrd	MmuINT0152558	chr5	1.13E+08	1.13E+08	-	0.106877
Srrd	MmuINT0152559	chr5	1.13E+08	1.13E+08	-	0.128559
Srrd	MmuINT0152560	chr5	1.13E+08	1.13E+08	-	0.064816
Srrd	MmuINT0152561	chr5	1.13E+08	1.13E+08	-	0.140017
Srrd	MmuINT0152562	chr5	1.13E+08	1.13E+08	-	0.862309
Srrm1	MmuINT0152563	chr4	1.35E+08	1.35E+08	-	0.008994
Srrm1	MmuINT0152564	chr4	1.35E+08	1.35E+08	-	0.008684
Srrm1	MmuINT0152565	chr4	1.35E+08	1.35E+08	-	0.036772
Srrm1	MmuINT0152566	chr4	1.35E+08	1.35E+08	-	0.093533
Srrm1	MmuINT0152567	chr4	1.35E+08	1.35E+08	-	0.065905
Srrm1	MmuINT0152568	chr4	1.35E+08	1.35E+08	-	0.023955
Srrm1	MmuINT0152570	chr4	1.35E+08	1.35E+08	-	0.009664
Srrm1	MmuINT0152572	chr4	1.35E+08	1.35E+08	-	0.007298
Srrm1	MmuINT0152573	chr4	1.35E+08	1.35E+08	-	0.301109
Srrm1	MmuINT0152574	chr4	1.35E+08	1.35E+08	-	0.001711
Srrm1	MmuINT0152575	chr4	1.35E+08	1.35E+08	-	0.12197
Srrm1	MmuINT0152578	chr4	1.35E+08	1.35E+08	-	0.012414
Srrm2	MmuINT0152580	chr17	23940366	23945032	+	0.04819

Srrm2	MmulINT0152582	chr17	23959668	23960757	+	0.174639
Srrm2	MmulINT0152583	chr17	23960872	23960982	+	0.000725
Srrm2	MmulINT0152585	chr17	23945141	23945320	+	0.003845
Srrm2	MmulINT0152586	chr17	23945486	23946935	+	0.00427
Srrm2	MmulINT0152587	chr17	23947014	23947379	+	0.005764
Srrm2	MmulINT0152588	chr17	23947443	23947705	+	0.005647
Srrm2	MmulINT0152589	chr17	23947739	23947997	+	0.005187
Srrm2	MmulINT0152590	chr17	23948049	23948605	+	0.00431
Srrm2	MmulINT0152591	chr17	23948699	23949394	+	0.251842
Srrm2	MmulINT0152592	chr17	23949588	23952088	+	0.081529
Srrm4	MmulINT0152609	chr5	1.17E+08	1.17E+08	-	0.196789
Srrm4	MmulINT0152610	chr5	1.17E+08	1.17E+08	-	0.033919
Srrt	MmulINT0152619	chr5	1.38E+08	1.38E+08	-	0.084385
Srrt	MmulINT0152620	chr5	1.38E+08	1.38E+08	-	0.060654
Srrt	MmulINT0152621	chr5	1.38E+08	1.38E+08	-	0.017117
Srrt	MmulINT0152622	chr5	1.38E+08	1.38E+08	-	0.01547
Srrt	MmulINT0152623	chr5	1.38E+08	1.38E+08	-	0.107395
Srrt	MmulINT0152624	chr5	1.38E+08	1.38E+08	-	0.011626
Srrt	MmulINT0152625	chr5	1.38E+08	1.38E+08	-	0.025044
Srrt	MmulINT0152626	chr5	1.38E+08	1.38E+08	-	0.139476
Srrt	MmulINT0152627	chr5	1.38E+08	1.38E+08	-	0.08241
Srrt	MmulINT0152628	chr5	1.38E+08	1.38E+08	-	0.093147
Srrt	MmulINT0152629	chr5	1.38E+08	1.38E+08	-	0.03654
Srrt	MmulINT0152630	chr5	1.38E+08	1.38E+08	-	0.053033
Srrt	MmulINT0152631	chr5	1.38E+08	1.38E+08	-	0.016146
Srrt	MmulINT0152632	chr5	1.38E+08	1.38E+08	-	0.321812
Srrt	MmulINT0152633	chr5	1.38E+08	1.38E+08	-	0.010769
Srrt	MmulINT0152634	chr5	1.38E+08	1.38E+08	-	0.046501
Srrt	MmulINT0152635	chr5	1.38E+08	1.38E+08	-	0.024192
Srsf1	MmulINT0152637	chr11	87861535	87861991	+	0.113823
Srsf1	MmulINT0152638	chr11	87862177	87862544	+	0.109356
Srsf1	MmulINT0152639	chr11	87862718	87862913	+	0.35381
Srsf11	MmulINT0152647	chr3	1.58E+08	1.58E+08	-	0.006827
Srsf11	MmulINT0152650	chr3	1.58E+08	1.58E+08	-	0.008138
Srsf11	MmulINT0152651	chr3	1.58E+08	1.58E+08	-	0.016144
Srsf11	MmulINT0152652	chr3	1.58E+08	1.58E+08	-	0.007573
Srsf11	MmulINT0152653	chr3	1.58E+08	1.58E+08	-	0.021954
Srsf11	MmulINT0152654	chr3	1.58E+08	1.58E+08	-	0.062247
Srsf12	MmulINT0152655	chr13	1.05E+08	1.05E+08	-	0.01575
Srsf12	MmulINT0152656	chr13	1.05E+08	1.05E+08	-	0.02131
Srsf12	MmulINT0152657	chr13	1.05E+08	1.05E+08	-	0.063167
Srsf12	MmulINT0152658	chr13	1.05E+08	1.05E+08	-	0.105115
Srsf12	MmulINT0152659	chr13	1.05E+08	1.05E+08	-	0.009289
Srsf12	MmulINT0152660	chr13	1.05E+08	1.05E+08	-	0.011381
Srsf12	MmulINT0152661	chr13	1.05E+08	1.05E+08	-	0.122467
Srsf12	MmulINT0152662	chr13	1.05E+08	1.05E+08	-	0.01252
Srsf12	MmulINT0152663	chr13	1.05E+08	1.05E+08	-	0.006993
Srsf2	MmulINT0152685	chr11	1.17E+08	1.17E+08	-	0.036896
Srsf2	MmulINT0152686	chr11	1.17E+08	1.17E+08	-	0.467944
Srsf4	MmulINT0152708	chr4	1.31E+08	1.31E+08	+	0.020809

Srsf4	MmuINT0152709	chr4	1.31E+08	1.31E+08	+	0.02821
Srsf4	MmuINT0152710	chr4	1.31E+08	1.31E+08	+	0.010798
Srsf4	MmuINT0152711	chr4	1.31E+08	1.31E+08	+	0.008793
Srsf4	MmuINT0152712	chr4	1.31E+08	1.31E+08	+	0.00583
Srsf6	MmuINT0152720	chr2	1.63E+08	1.63E+08	+	0.01052
Srsf6	MmuINT0152721	chr2	1.63E+08	1.63E+08	+	0.398738
Srsf6	MmuINT0152722	chr2	1.63E+08	1.63E+08	+	0.001642
Srsf6	MmuINT0152723	chr2	1.63E+08	1.63E+08	+	0.008274
Srsf6	MmuINT0152724	chr2	1.63E+08	1.63E+08	+	0.003396
Srsf7	MmuINT0152726	chr17	80605369	80606514	-	0.001937
Srsf7	MmuINT0152727	chr17	80604779	80605187	-	0.002144
Srsf7	MmuINT0152728	chr17	80603728	80604601	-	0.375383
Srsf7	MmuINT0152729	chr17	80602085	80603461	-	0.182771
Srsf7	MmuINT0152730	chr17	80601545	80602030	-	0.014878
Srsf7	MmuINT0152731	chr17	80600943	80601508	-	0.033093
Srsf9	MmuINT0152734	chr5	1.16E+08	1.16E+08	+	0.129688
Srsf9	MmuINT0152735	chr5	1.16E+08	1.16E+08	+	0.079522
Srxn1	MmuINT0152738	chr2	1.52E+08	1.52E+08	+	0.074208
Ss18	MmuINT0152742	chr18	14837973	14841175	-	0.007439
Ss18	MmuINT0152745	chr18	14799633	14813535	-	0.041879
Ss18	MmuINT0152747	chr18	14795994	14798765	-	0.355876
Ss18	MmuINT0152748	chr18	14795128	14795900	-	0.2297
Ss18l1	MmuINT0152760	chr2	1.8E+08	1.8E+08	+	0.038252
Ssb	MmuINT0152761	chr2	69699797	69701280	+	0.69592
Ssb	MmuINT0152762	chr2	69708638	69708734	+	0.004963
Ssb	MmuINT0152763	chr2	69708891	69709178	+	0.007074
Ssb	MmuINT0152764	chr2	69701373	69704246	+	0.015966
Ssb	MmuINT0152765	chr2	69704351	69704544	+	0.002059
Ssb	MmuINT0152766	chr2	69704720	69705328	+	0.004783
Ssb	MmuINT0152767	chr2	69705437	69705508	+	0.042958
Ssb	MmuINT0152768	chr2	69705610	69706835	+	0.014813
Ssb	MmuINT0152769	chr2	69706908	69707198	+	0.02525
Ssb	MmuINT0152770	chr2	69707239	69707936	+	0.020268
Ssb	MmuINT0152771	chr2	69708078	69708441	+	0.006636
Ssbp1	MmuINT0152772	chr6	40421459	40422069	+	0.204303
Ssbp1	MmuINT0152775	chr6	40426507	40426746	+	0.000136
Ssbp2	MmuINT0152776	chr13	91600854	91664189	+	0.017219
Ssbp2	MmuINT0152777	chr13	91823323	91824815	+	0.023587
Ssbp2	MmuINT0152778	chr13	91824871	91828400	+	0.01579
Ssbp2	MmuINT0152779	chr13	91828472	91830464	+	0.006066
Ssbp2	MmuINT0152782	chr13	91833723	91840270	+	0.005485
Ssbp2	MmuINT0152783	chr13	91664263	91678939	+	0.006295
Ssbp2	MmuINT0152784	chr13	91679002	91704214	+	0.007024
Ssbp2	MmuINT0152785	chr13	91704300	91803722	+	0.090099
Ssbp2	MmuINT0152786	chr13	91803783	91809280	+	0.010755
Ssbp2	MmuINT0152787	chr13	91809348	91809998	+	0.009343
Ssbp2	MmuINT0152790	chr13	91820244	91823286	+	0.020399
Ssbp3	MmuINT0152795	chr4	1.07E+08	1.07E+08	+	0.014203
Ssbp3	MmuINT0152796	chr4	1.07E+08	1.07E+08	+	0.042871
Ssbp3	MmuINT0152797	chr4	1.07E+08	1.07E+08	+	0.018596



Ssbp3	MmuINT0152798	chr4	1.07E+08	1.07E+08	+	0.011599
Ssbp3	MmuINT0152799	chr4	1.07E+08	1.07E+08	+	0.017127
Ssbp3	MmuINT0152800	chr4	1.07E+08	1.07E+08	+	0.013693
Ssbp3	MmuINT0152801	chr4	1.07E+08	1.07E+08	+	0.026427
Ssbp3	MmuINT0152802	chr4	1.07E+08	1.07E+08	+	0.012797
Ssbp3	MmuINT0152803	chr4	1.07E+08	1.07E+08	+	0.014174
Ssbp3	MmuINT0152804	chr4	1.07E+08	1.07E+08	+	0.014822
Ssbp3	MmuINT0152805	chr4	1.07E+08	1.07E+08	+	0.012535
Ssbp3	MmuINT0152806	chr4	1.07E+08	1.07E+08	+	0.012679
Ssbp3	MmuINT0152807	chr4	1.07E+08	1.07E+08	+	0.016302
Ssbp3	MmuINT0152808	chr4	1.07E+08	1.07E+08	+	0.011437
Ssbp3	MmuINT0152809	chr4	1.07E+08	1.07E+08	+	0.021401
Ssbp3	MmuINT0152810	chr4	1.07E+08	1.07E+08	+	0.024798
Ssbp4	MmuINT0152811	chr8	73126546	73132023	-	0.039434
Ssbp4	MmuINT0152812	chr8	73122928	73123016	-	0.082666
Ssbp4	MmuINT0152813	chr8	73122808	73122891	-	0.027024
Ssbp4	MmuINT0152814	chr8	73122672	73122752	-	0.052669
Ssbp4	MmuINT0152815	chr8	73122517	73122600	-	0.400011
Ssbp4	MmuINT0152816	chr8	73122134	73122437	-	0.119699
Ssbp4	MmuINT0152817	chr8	73122020	73122104	-	0.074023
Ssbp4	MmuINT0152818	chr8	73121668	73121911	-	0.498073
Ssbp4	MmuINT0152819	chr8	73126362	73126472	-	0.027698
Ssbp4	MmuINT0152820	chr8	73126216	73126299	-	0.012661
Ssbp4	MmuINT0152821	chr8	73124385	73126130	-	0.033379
Ssbp4	MmuINT0152822	chr8	73123799	73124294	-	0.051986
Ssbp4	MmuINT0152823	chr8	73123657	73123738	-	0.108927
Ssbp4	MmuINT0152824	chr8	73123495	73123586	-	0.017514
Ssbp4	MmuINT0152825	chr8	73123344	73123423	-	0.019414
Ssbp4	MmuINT0152826	chr8	73123063	73123272	-	0.017935
Ssfa2	MmuINT0152827	chr2	79475902	79476189	+	0.041056
Ssfa2	MmuINT0152828	chr2	79495333	79497303	+	0.02084
Ssfa2	MmuINT0152829	chr2	79498507	79500389	+	0.117499
Ssfa2	MmuINT0152830	chr2	79500468	79500549	+	0.018426
Ssfa2	MmuINT0152831	chr2	79500678	79501010	+	0.022588
Ssfa2	MmuINT0152832	chr2	79501162	79501795	+	0.02698
Ssfa2	MmuINT0152833	chr2	79501862	79502465	+	0.064444
Ssfa2	MmuINT0152834	chr2	79502922	79510886	+	0.016508
Ssfa2	MmuINT0152835	chr2	79511005	79511915	+	0.031117
Ssfa2	MmuINT0152836	chr2	79476236	79479413	+	0.053257
Ssfa2	MmuINT0152837	chr2	79479464	79480302	+	0.033322
Ssfa2	MmuINT0152838	chr2	79480360	79482118	+	0.026384
Ssfa2	MmuINT0152840	chr2	79482347	79483560	+	0.017711
Ssfa2	MmuINT0152841	chr2	79483770	79484561	+	0.014176
Ssfa2	MmuINT0152842	chr2	79485266	79491544	+	0.023129
Ssfa2	MmuINT0152843	chr2	79491618	79495243	+	0.011311
Ssh1	MmuINT0152844	chr5	1.14E+08	1.14E+08	-	0.062173
Ssh1	MmuINT0152846	chr5	1.14E+08	1.14E+08	-	0.059416
Ssh1	MmuINT0152847	chr5	1.14E+08	1.14E+08	-	0.058806
Ssh1	MmuINT0152848	chr5	1.14E+08	1.14E+08	-	0.076723
Ssh1	MmuINT0152849	chr5	1.14E+08	1.14E+08	-	0.059873

Ssh1	MmuINT0152851	chr5	1.14E+08	1.14E+08	-	0.057008
Ssh1	MmuINT0152852	chr5	1.14E+08	1.14E+08	-	0.064234
Ssh1	MmuINT0152853	chr5	1.14E+08	1.14E+08	-	0.054875
Ssh1	MmuINT0152854	chr5	1.14E+08	1.14E+08	-	0.049372
Ssh1	MmuINT0152855	chr5	1.14E+08	1.14E+08	-	0.057326
Ssh1	MmuINT0152856	chr5	1.14E+08	1.14E+08	-	0.050088
Ssh1	MmuINT0152857	chr5	1.14E+08	1.14E+08	-	0.066285
Ssh2	MmuINT0152859	chr11	77239154	77243287	+	0.01604
Ssh2	MmuINT0152860	chr11	77243335	77251127	+	0.024693
Ssh2	MmuINT0152861	chr11	77251275	77255359	+	0.011468
Ssh2	MmuINT0152862	chr11	77255561	77262889	+	0.022378
Ssh2	MmuINT0152863	chr11	77263725	77266891	+	0.016498
Ssh2	MmuINT0152865	chr11	77206656	77211706	+	0.014788
Ssh2	MmuINT0152866	chr11	77211772	77221627	+	0.012751
Ssh2	MmuINT0152867	chr11	77221750	77229916	+	0.017367
Ssh2	MmuINT0152868	chr11	77229986	77230967	+	0.029983
Ssh2	MmuINT0152869	chr11	77231034	77234717	+	0.011155
Ssh2	MmuINT0152870	chr11	77234913	77238802	+	0.009268
Ssh2	MmuINT0152871	chr11	77238897	77239024	+	0.028125
Ssh3	MmuINT0152873	chr19	4264461	4265102	-	0.396459
Ssh3	MmuINT0152874	chr19	4264109	4264313	-	0.113756
Ssh3	MmuINT0152875	chr19	4263818	4263907	-	0.026829
Ssh3	MmuINT0152876	chr19	4262633	4263546	-	0.02551
Ssh3	MmuINT0152877	chr19	4267979	4268544	-	0.192679
Ssh3	MmuINT0152878	chr19	4266638	4267746	-	0.045721
Ssh3	MmuINT0152879	chr19	4266447	4266521	-	0.0935
Ssh3	MmuINT0152880	chr19	4266173	4266374	-	0.13902
Ssh3	MmuINT0152881	chr19	4265999	4266106	-	0.116872
Ssh3	MmuINT0152882	chr19	4265704	4265809	-	0.051893
Ssh3	MmuINT0152883	chr19	4265421	4265609	-	0.120303
Ssh3	MmuINT0152884	chr19	4265150	4265291	-	0.135711
Ssna1	MmuINT0152886	chr2	25127102	25127448	-	0.019268
Sspn	MmuINT0152887	chr6	1.46E+08	1.46E+08	+	0.003878
Sspn	MmuINT0152888	chr6	1.46E+08	1.46E+08	+	0.004416
Ssr1	MmuINT0152992	chr13	38081461	38083865	-	0.005554
Ssr1	MmuINT0152993	chr13	38079649	38081372	-	0.003255
Ssr1	MmuINT0152994	chr13	38077921	38079385	-	0.004472
Ssr1	MmuINT0152995	chr13	38077212	38077843	-	0.007075
Ssr1	MmuINT0152996	chr13	38075356	38077132	-	0.006221
Ssr1	MmuINT0152997	chr13	38071676	38075261	-	0.012562
Ssr2	MmuINT0152998	chr3	88383957	88384895	+	0.005194
Ssr2	MmuINT0152999	chr3	88384995	88387698	+	0.008584
Ssr2	MmuINT0153000	chr3	88387808	88390786	+	0.007478
Ssr2	MmuINT0153001	chr3	88390865	88391802	+	0.006866
Ssr3	MmuINT0153002	chr3	65195374	65196326	-	0.003075
Ssr3	MmuINT0153003	chr3	65191753	65195246	-	0.002226
Ssr3	MmuINT0153004	chr3	65187046	65191653	-	0.003432
Ssr3	MmuINT0153005	chr3	65185957	65186913	-	0.008148
Ssr4	MmuINT0153006	chrX	71032646	71034173	+	0.006046
Ssr4	MmuINT0153007	chrX	71035214	71035369	+	0.051003

Ssr4	MmuINT0153008	chrX	71035460	71035697	+	0.101041
Ssr4	MmuINT0153009	chrX	71035764	71035992	+	0.074572
Ssrp1	MmuINT0153011	chr2	84877486	84877950	+	0.037608
Ssrp1	MmuINT0153012	chr2	84882473	84882849	+	0.051598
Ssrp1	MmuINT0153013	chr2	84882989	84883112	+	0.040404
Ssrp1	MmuINT0153014	chr2	84883159	84884475	+	0.091527
Ssrp1	MmuINT0153015	chr2	84884606	84885566	+	0.040081
Ssrp1	MmuINT0153016	chr2	84885738	84885840	+	0.004612
Ssrp1	MmuINT0153017	chr2	84885930	84886409	+	0.011168
Ssrp1	MmuINT0153018	chr2	84878127	84878509	+	0.010612
Ssrp1	MmuINT0153019	chr2	84878696	84880030	+	0.007492
Ssrp1	MmuINT0153020	chr2	84880137	84880421	+	0.017811
Ssrp1	MmuINT0153021	chr2	84880613	84880715	+	0.007925
Ssrp1	MmuINT0153022	chr2	84880947	84881075	+	0.007932
Ssrp1	MmuINT0153023	chr2	84881180	84881264	+	0.009869
Ssrp1	MmuINT0153024	chr2	84881394	84881591	+	0.008466
Ssrp1	MmuINT0153025	chr2	84881814	84882399	+	0.017125
Sssca1	MmuINT0153026	chr19	5731596	5731675	-	0.010882
Sssca1	MmuINT0153027	chr19	5731326	5731443	-	0.011059
Sssca1	MmuINT0153028	chr19	5730713	5731240	-	0.009419
Ssu72	MmuINT0153037	chr4	1.55E+08	1.55E+08	+	0.003089
Ssu72	MmuINT0153038	chr4	1.55E+08	1.55E+08	+	0.013422
Ssu72	MmuINT0153039	chr4	1.55E+08	1.55E+08	+	0.005802
Ssu72	MmuINT0153040	chr4	1.55E+08	1.55E+08	+	0.019025
Ssx2ip	MmuINT0153042	chr3	1.46E+08	1.46E+08	+	0.028264
Ssx2ip	MmuINT0153043	chr3	1.46E+08	1.46E+08	+	0.02121
Ssx2ip	MmuINT0153044	chr3	1.46E+08	1.46E+08	+	0.017014
Ssx2ip	MmuINT0153045	chr3	1.46E+08	1.46E+08	+	0.022832
Ssx2ip	MmuINT0153046	chr3	1.46E+08	1.46E+08	+	0.016089
Ssx2ip	MmuINT0153047	chr3	1.46E+08	1.46E+08	+	0.014994
Ssx2ip	MmuINT0153048	chr3	1.46E+08	1.46E+08	+	0.013688
Ssx2ip	MmuINT0153049	chr3	1.46E+08	1.46E+08	+	0.020891
Ssx2ip	MmuINT0153050	chr3	1.46E+08	1.46E+08	+	0.023251
Ssx2ip	MmuINT0153051	chr3	1.46E+08	1.46E+08	+	0.020573
Ssx2ip	MmuINT0153052	chr3	1.46E+08	1.46E+08	+	0.016934
Ssx2ip	MmuINT0153053	chr3	1.46E+08	1.46E+08	+	0.013908
St13	MmuINT0153092	chr15	81222753	81229914	-	0.002478
St13	MmuINT0153093	chr15	81196920	81199823	-	0.004111
St13	MmuINT0153094	chr15	81196009	81196776	-	0.000616
St13	MmuINT0153095	chr15	81220154	81222694	-	0.002814
St13	MmuINT0153096	chr15	81218831	81220080	-	0.001914
St13	MmuINT0153097	chr15	81213477	81218759	-	0.003416
St13	MmuINT0153098	chr15	81208431	81213409	-	0.006526
St13	MmuINT0153099	chr15	81208229	81208345	-	0.002706
St13	MmuINT0153100	chr15	81205337	81208117	-	0.002338
St13	MmuINT0153101	chr15	81202005	81205233	-	0.002563
St13	MmuINT0153102	chr15	81199873	81201887	-	0.002785
St3gal1	MmuINT0153144	chr15	66984733	67008193	-	0.020374
St3gal1	MmuINT0153147	chr15	66944190	66945068	-	0.011705
St3gal1	MmuINT0153148	chr15	66942974	66943992	-	0.017193

St3gal1	MmuINT0153149	chr15	66941214	66942793	-	0.143305
St3gal1	MmuINT0153150	chr15	66939891	66941167	-	0.098411
St3gal1	MmuINT0153151	chr15	66938393	66939770	-	0.015696
St3gal2	MmuINT0153152	chr8	1.13E+08	1.13E+08	+	0.027934
St3gal2	MmuINT0153153	chr8	1.13E+08	1.13E+08	+	0.013131
St3gal2	MmuINT0153154	chr8	1.13E+08	1.13E+08	+	0.0157
St3gal2	MmuINT0153155	chr8	1.13E+08	1.13E+08	+	0.013248
St3gal2	MmuINT0153156	chr8	1.13E+08	1.13E+08	+	0.026186
St3gal2	MmuINT0153157	chr8	1.13E+08	1.13E+08	+	0.01221
St3gal3	MmuINT0153158	chr4	1.18E+08	1.18E+08	-	0.003689
St3gal3	MmuINT0153159	chr4	1.18E+08	1.18E+08	-	0.002823
St3gal3	MmuINT0153160	chr4	1.18E+08	1.18E+08	-	0.004612
St3gal3	MmuINT0153161	chr4	1.18E+08	1.18E+08	-	0.006833
St3gal3	MmuINT0153162	chr4	1.18E+08	1.18E+08	-	0.004193
St3gal3	MmuINT0153163	chr4	1.18E+08	1.18E+08	-	0.003377
St3gal3	MmuINT0153164	chr4	1.18E+08	1.18E+08	-	0.003902
St3gal3	MmuINT0153165	chr4	1.18E+08	1.18E+08	-	0.002689
St3gal3	MmuINT0153166	chr4	1.18E+08	1.18E+08	-	0.00294
St3gal3	MmuINT0153167	chr4	1.18E+08	1.18E+08	-	0.012605
St3gal4	MmuINT0153169	chr9	34863235	34924282	-	0.010108
St3gal4	MmuINT0153170	chr9	34855105	34855403	-	0.010284
St3gal4	MmuINT0153171	chr9	34862868	34863158	-	0.015889
St3gal4	MmuINT0153172	chr9	34862368	34862782	-	0.00973
St3gal4	MmuINT0153173	chr9	34862118	34862286	-	0.011873
St3gal4	MmuINT0153175	chr9	34861053	34861647	-	0.011076
St3gal4	MmuINT0153176	chr9	34860853	34860956	-	0.007187
St3gal4	MmuINT0153177	chr9	34859969	34860662	-	0.006445
St3gal4	MmuINT0153178	chr9	34855548	34859824	-	0.037248
St3gal5	MmuINT0153180	chr6	72078382	72082045	+	0.004764
St3gal5	MmuINT0153181	chr6	72082158	72092133	+	0.003336
St3gal5	MmuINT0153182	chr6	72092478	72097062	+	0.004249
St3gal5	MmuINT0153183	chr6	72097250	72099012	+	0.009289
St3gal5	MmuINT0153184	chr6	72099172	72103424	+	0.006456
St3gal6	MmuINT0153185	chr16	58507728	58523188	-	0.027173
St3gal6	MmuINT0153186	chr16	58470841	58472423	-	0.019755
St3gal6	MmuINT0153187	chr16	58493975	58507560	-	0.010335
St3gal6	MmuINT0153188	chr16	58489095	58493792	-	0.016764
St3gal6	MmuINT0153189	chr16	58486612	58489016	-	0.021582
St3gal6	MmuINT0153190	chr16	58484940	58486507	-	0.018737
St3gal6	MmuINT0153191	chr16	58476059	58484875	-	0.014179
St3gal6	MmuINT0153192	chr16	58473954	58475962	-	0.007585
St3gal6	MmuINT0153193	chr16	58473660	58473766	-	0.011009
St3gal6	MmuINT0153194	chr16	58472577	58473521	-	0.023426
St5	MmuINT0153197	chr7	1.17E+08	1.17E+08	-	0.071632
St5	MmuINT0153198	chr7	1.17E+08	1.17E+08	-	0.11397
St5	MmuINT0153199	chr7	1.17E+08	1.17E+08	-	0.01982
St5	MmuINT0153200	chr7	1.17E+08	1.17E+08	-	0.019218
St5	MmuINT0153201	chr7	1.17E+08	1.17E+08	-	0.046189
St5	MmuINT0153202	chr7	1.17E+08	1.17E+08	-	0.058036
St5	MmuINT0153203	chr7	1.17E+08	1.17E+08	-	0.11153

St5	MmuINT0153204	chr7	1.17E+08	1.17E+08	-	0.020321
St5	MmuINT0153205	chr7	1.17E+08	1.17E+08	-	0.032142
St5	MmuINT0153206	chr7	1.17E+08	1.17E+08	-	0.015411
St5	MmuINT0153208	chr7	1.17E+08	1.17E+08	-	0.008236
St5	MmuINT0153209	chr7	1.17E+08	1.17E+08	-	0.020549
St5	MmuINT0153210	chr7	1.17E+08	1.17E+08	-	0.019045
St5	MmuINT0153211	chr7	1.17E+08	1.17E+08	-	0.014688
St5	MmuINT0153212	chr7	1.17E+08	1.17E+08	-	0.050919
St5	MmuINT0153213	chr7	1.17E+08	1.17E+08	-	0.018663
St5	MmuINT0153214	chr7	1.17E+08	1.17E+08	-	0.017172
St6gal1	MmuINT0153220	chr16	23355038	23356281	+	0.024794
St6gal1	MmuINT0153221	chr16	23356457	23357701	+	0.024157
St6galnac2	MmuINT0153234	chr11	1.17E+08	1.17E+08	-	0.039498
St6galnac2	MmuINT0153236	chr11	1.17E+08	1.17E+08	-	0.054684
St6galnac2	MmuINT0153237	chr11	1.17E+08	1.17E+08	-	0.409533
St6galnac2	MmuINT0153238	chr11	1.17E+08	1.17E+08	-	0.086246
St6galnac2	MmuINT0153239	chr11	1.17E+08	1.17E+08	-	0.370693
St6galnac2	MmuINT0153240	chr11	1.17E+08	1.17E+08	-	0.137079
St6galnac2	MmuINT0153241	chr11	1.17E+08	1.17E+08	-	0.023083
St6galnac4	MmuINT0153246	chr2	32443202	32444964	+	0.037374
St6galnac4	MmuINT0153247	chr2	32445151	32449509	+	0.020828
St6galnac4	MmuINT0153248	chr2	32449923	32451213	+	0.047466
St6galnac4	MmuINT0153249	chr2	32451322	32452533	+	0.088532
St6galnac6	MmuINT0153256	chr2	32463617	32464745	+	0.854694
St6galnac6	MmuINT0153257	chr2	32464837	32467743	+	0.004566
St6galnac6	MmuINT0153258	chr2	32467924	32470300	+	0.002694
St6galnac6	MmuINT0153259	chr2	32470708	32474016	+	0.036736
St6galnac6	MmuINT0153260	chr2	32474125	32474859	+	0.031499
St7	MmuINT0153263	chr6	17836119	17854896	+	0.016136
St7	MmuINT0153264	chr6	17854970	17856407	+	0.021023
St7	MmuINT0153265	chr6	17856511	17871988	+	0.032216
St7	MmuINT0153266	chr6	17872140	17880765	+	0.01561
St7	MmuINT0153267	chr6	17880859	17884118	+	0.01445
St7	MmuINT0153268	chr6	17884259	17892669	+	0.04898
St7	MmuINT0153269	chr6	17769333	17784616	+	0.023658
St7	MmuINT0153270	chr6	17784777	17794908	+	0.017053
St7	MmuINT0153271	chr6	17794964	17796198	+	0.019856
St7	MmuINT0153272	chr6	17796315	17798003	+	0.024087
St7	MmuINT0153273	chr6	17798080	17800356	+	0.053375
St7	MmuINT0153274	chr6	17800426	17802257	+	0.036557
St7	MmuINT0153275	chr6	17802413	17804930	+	0.010517
St7	MmuINT0153276	chr6	17805029	17836003	+	0.019284
St7l	MmuINT0153277	chr3	1.05E+08	1.05E+08	+	0.091262
St7l	MmuINT0153278	chr3	1.05E+08	1.05E+08	+	0.033643
St7l	MmuINT0153279	chr3	1.05E+08	1.05E+08	+	0.031198
St7l	MmuINT0153280	chr3	1.05E+08	1.05E+08	+	0.036913
St7l	MmuINT0153281	chr3	1.05E+08	1.05E+08	+	0.013478
St7l	MmuINT0153282	chr3	1.05E+08	1.05E+08	+	0.037157
St7l	MmuINT0153283	chr3	1.05E+08	1.05E+08	+	0.020927
St7l	MmuINT0153284	chr3	1.05E+08	1.05E+08	+	0.016053

St7I	MmuINT0153285	chr3	1.05E+08	1.05E+08	+	0.023629
St7I	MmuINT0153286	chr3	1.05E+08	1.05E+08	+	0.023797
St7I	MmuINT0153287	chr3	1.05E+08	1.05E+08	+	0.022548
St7I	MmuINT0153288	chr3	1.05E+08	1.05E+08	+	0.018352
St7I	MmuINT0153289	chr3	1.05E+08	1.05E+08	+	0.019486
Stab1	MmuINT0153321	chr14	31977121	31981597	-	0.020708
Stab1	MmuINT0153322	chr14	31974078	31974264	-	0.026547
Stab1	MmuINT0153323	chr14	31973817	31973982	-	0.042136
Stab1	MmuINT0153324	chr14	31973540	31973681	-	0.027503
Stab1	MmuINT0153325	chr14	31973251	31973401	-	0.017439
Stab1	MmuINT0153326	chr14	31972935	31973187	-	0.026661
Stab1	MmuINT0153327	chr14	31972737	31972820	-	0.029597
Stab1	MmuINT0153328	chr14	31972506	31972682	-	0.043738
Stab1	MmuINT0153329	chr14	31972187	31972424	-	0.02609
Stab1	MmuINT0153330	chr14	31970934	31972027	-	0.095177
Stab1	MmuINT0153331	chr14	31970653	31970870	-	0.027588
Stab1	MmuINT0153332	chr14	31976654	31976983	-	0.023991
Stab1	MmuINT0153333	chr14	31970253	31970556	-	0.135078
Stab1	MmuINT0153334	chr14	31969027	31970165	-	0.054595
Stab1	MmuINT0153335	chr14	31968202	31968914	-	0.242068
Stab1	MmuINT0153336	chr14	31967905	31968014	-	0.021487
Stab1	MmuINT0153337	chr14	31967686	31967810	-	0.018487
Stab1	MmuINT0153338	chr14	31965846	31967526	-	0.021333
Stab1	MmuINT0153339	chr14	31965140	31965749	-	0.032519
Stab1	MmuINT0153340	chr14	31964918	31965043	-	0.02951
Stab1	MmuINT0153341	chr14	31964767	31964869	-	0.031142
Stab1	MmuINT0153342	chr14	31964467	31964635	-	0.015771
Stab1	MmuINT0153343	chr14	31976314	31976537	-	0.043395
Stab1	MmuINT0153344	chr14	31964063	31964354	-	0.039238
Stab1	MmuINT0153345	chr14	31963907	31963984	-	0.02755
Stab1	MmuINT0153346	chr14	31963689	31963807	-	0.019481
Stab1	MmuINT0153347	chr14	31963466	31963589	-	0.01398
Stab1	MmuINT0153348	chr14	31963106	31963333	-	0.038344
Stab1	MmuINT0153349	chr14	31962632	31962976	-	0.028029
Stab1	MmuINT0153350	chr14	31962210	31962574	-	0.025095
Stab1	MmuINT0153351	chr14	31961605	31962125	-	0.082044
Stab1	MmuINT0153352	chr14	31961300	31961408	-	0.012701
Stab1	MmuINT0153353	chr14	31961118	31961203	-	0.025466
Stab1	MmuINT0153354	chr14	31976163	31976227	-	0.039377
Stab1	MmuINT0153355	chr14	31960991	31961071	-	0.034952
Stab1	MmuINT0153356	chr14	31960799	31960913	-	0.061473
Stab1	MmuINT0153357	chr14	31960464	31960672	-	0.28413
Stab1	MmuINT0153358	chr14	31960287	31960389	-	0.229269
Stab1	MmuINT0153359	chr14	31959976	31960211	-	0.042885
Stab1	MmuINT0153360	chr14	31959532	31959852	-	0.344103
Stab1	MmuINT0153361	chr14	31959290	31959483	-	0.035726
Stab1	MmuINT0153362	chr14	31959108	31959211	-	0.021625
Stab1	MmuINT0153363	chr14	31958551	31958960	-	0.352674
Stab1	MmuINT0153364	chr14	31958321	31958409	-	0.021063
Stab1	MmuINT0153365	chr14	31975731	31976092	-	0.031934

Stab1	MmuINT0153366	chr14	31956878	31958260	-	0.05424
Stab1	MmuINT0153367	chr14	31956630	31956700	-	0.235243
Stab1	MmuINT0153368	chr14	31956454	31956542	-	0.047723
Stab1	MmuINT0153369	chr14	31956201	31956303	-	0.269071
Stab1	MmuINT0153370	chr14	31956054	31956143	-	0.024469
Stab1	MmuINT0153371	chr14	31955308	31955854	-	0.013183
Stab1	MmuINT0153372	chr14	31955080	31955157	-	0.011985
Stab1	MmuINT0153373	chr14	31954827	31954974	-	0.129541
Stab1	MmuINT0153375	chr14	31954362	31954448	-	0.043251
Stab1	MmuINT0153377	chr14	31954129	31954216	-	0.017989
Stab1	MmuINT0153378	chr14	31953907	31953994	-	0.047734
Stab1	MmuINT0153379	chr14	31953652	31953740	-	0.081952
Stab1	MmuINT0153380	chr14	31953454	31953541	-	0.007732
Stab1	MmuINT0153381	chr14	31953262	31953333	-	0.144971
Stab1	MmuINT0153382	chr14	31953035	31953111	-	0.083361
Stab1	MmuINT0153383	chr14	31952840	31952929	-	0.049367
Stab1	MmuINT0153384	chr14	31952600	31952692	-	0.005357
Stab1	MmuINT0153385	chr14	31952390	31952482	-	0.007171
Stab1	MmuINT0153386	chr14	31975088	31975296	-	0.015751
Stab1	MmuINT0153388	chr14	31974393	31974524	-	0.018855
Stab2	MmuINT0153436	chr10	86329503	86329892	-	0.925829
Stac3	MmuINT0153478	chr10	1.27E+08	1.27E+08	+	0.675173
Stag1	MmuINT0153488	chr9	1.01E+08	1.01E+08	+	0.058222
Stag1	MmuINT0153489	chr9	1.01E+08	1.01E+08	+	0.030472
Stag1	MmuINT0153490	chr9	1.01E+08	1.01E+08	+	0.038055
Stag1	MmuINT0153491	chr9	1.01E+08	1.01E+08	+	0.033026
Stag1	MmuINT0153492	chr9	1.01E+08	1.01E+08	+	0.019475
Stag1	MmuINT0153493	chr9	1.01E+08	1.01E+08	+	0.016938
Stag1	MmuINT0153494	chr9	1.01E+08	1.01E+08	+	0.019844
Stag1	MmuINT0153495	chr9	1.01E+08	1.01E+08	+	0.031566
Stag1	MmuINT0153496	chr9	1.01E+08	1.01E+08	+	0.03067
Stag1	MmuINT0153497	chr9	1.01E+08	1.01E+08	+	0.01875
Stag1	MmuINT0153498	chr9	1.01E+08	1.01E+08	+	0.023315
Stag1	MmuINT0153499	chr9	1.01E+08	1.01E+08	+	0.033217
Stag1	MmuINT0153500	chr9	1.01E+08	1.01E+08	+	0.029748
Stag1	MmuINT0153501	chr9	1.01E+08	1.01E+08	+	0.03032
Stag1	MmuINT0153502	chr9	1.01E+08	1.01E+08	+	0.031858
Stag1	MmuINT0153503	chr9	1.01E+08	1.01E+08	+	0.0311
Stag1	MmuINT0153504	chr9	1.01E+08	1.01E+08	+	0.017187
Stag1	MmuINT0153505	chr9	1.01E+08	1.01E+08	+	0.023711
Stag1	MmuINT0153506	chr9	1.01E+08	1.01E+08	+	0.033506
Stag1	MmuINT0153507	chr9	1.01E+08	1.01E+08	+	0.01812
Stag1	MmuINT0153508	chr9	1.01E+08	1.01E+08	+	0.016664
Stag1	MmuINT0153509	chr9	1.01E+08	1.01E+08	+	0.017806
Stag1	MmuINT0153510	chr9	1.01E+08	1.01E+08	+	0.020968
Stag1	MmuINT0153511	chr9	1.01E+08	1.01E+08	+	0.034724
Stag1	MmuINT0153512	chr9	1.01E+08	1.01E+08	+	0.031166
Stag1	MmuINT0153513	chr9	1.01E+08	1.01E+08	+	0.020108
Stag1	MmuINT0153514	chr9	1.01E+08	1.01E+08	+	0.016144
Stag1	MmuINT0153515	chr9	1.01E+08	1.01E+08	+	0.055143

Stag1	MmuINT0153516	chr9	1.01E+08	1.01E+08	+	0.043295
Stag1	MmuINT0153517	chr9	1.01E+08	1.01E+08	+	0.033894
Stag1	MmuINT0153518	chr9	1.01E+08	1.01E+08	+	0.022982
Stag1	MmuINT0153519	chr9	1.01E+08	1.01E+08	+	0.032874
Stag1	MmuINT0153520	chr9	1.01E+08	1.01E+08	+	0.030143
Stag2	MmuINT0153522	chrX	39504012	39555031	+	0.035256
Stag2	MmuINT0153523	chrX	39581512	39582300	+	0.012174
Stag2	MmuINT0153524	chrX	39582400	39582495	+	0.023416
Stag2	MmuINT0153525	chrX	39582576	39587047	+	0.017423
Stag2	MmuINT0153526	chrX	39587156	39587822	+	0.01231
Stag2	MmuINT0153527	chrX	39587935	39589465	+	0.009975
Stag2	MmuINT0153528	chrX	39589584	39590127	+	0.011282
Stag2	MmuINT0153529	chrX	39590232	39600142	+	0.013862
Stag2	MmuINT0153530	chrX	39600236	39600355	+	0.013454
Stag2	MmuINT0153531	chrX	39600446	39601026	+	0.01266
Stag2	MmuINT0153532	chrX	39601231	39603181	+	0.009605
Stag2	MmuINT0153533	chrX	39555172	39559222	+	0.00906
Stag2	MmuINT0153534	chrX	39603253	39603508	+	0.01216
Stag2	MmuINT0153535	chrX	39603597	39603697	+	0.017223
Stag2	MmuINT0153536	chrX	39603779	39606230	+	0.011106
Stag2	MmuINT0153537	chrX	39606324	39606853	+	0.013226
Stag2	MmuINT0153538	chrX	39607029	39610031	+	0.007726
Stag2	MmuINT0153539	chrX	39610172	39611202	+	0.011412
Stag2	MmuINT0153540	chrX	39611305	39612531	+	0.011069
Stag2	MmuINT0153541	chrX	39612681	39613780	+	0.009172
Stag2	MmuINT0153542	chrX	39613910	39615835	+	0.008126
Stag2	MmuINT0153543	chrX	39616060	39619262	+	0.007867
Stag2	MmuINT0153544	chrX	39559302	39564254	+	0.00971
Stag2	MmuINT0153545	chrX	39619453	39622557	+	0.044822
Stag2	MmuINT0153546	chrX	39622685	39624421	+	0.008207
Stag2	MmuINT0153547	chrX	39624500	39628439	+	0.025819
Stag2	MmuINT0153548	chrX	39564420	39570511	+	0.014679
Stag2	MmuINT0153549	chrX	39570609	39574154	+	0.016119
Stag2	MmuINT0153550	chrX	39574232	39576422	+	0.014727
Stag2	MmuINT0153551	chrX	39576628	39578104	+	0.011029
Stag2	MmuINT0153552	chrX	39578257	39579965	+	0.008172
Stag2	MmuINT0153553	chrX	39580040	39581387	+	0.016741
Stam	MmuINT0153587	chr2	13995964	14024027	+	0.017687
Stam	MmuINT0153588	chr2	14059202	14059762	+	0.033815
Stam	MmuINT0153589	chr2	14059818	14060582	+	0.029882
Stam	MmuINT0153590	chr2	14060737	14063328	+	0.01893
Stam	MmuINT0153591	chr2	14063505	14067845	+	0.041514
Stam	MmuINT0153592	chr2	14024113	14037443	+	0.017936
Stam	MmuINT0153593	chr2	14037520	14037604	+	0.024706
Stam	MmuINT0153594	chr2	14037701	14039015	+	0.018601
Stam	MmuINT0153595	chr2	14039163	14050172	+	0.028705
Stam	MmuINT0153596	chr2	14050264	14050605	+	0.014842
Stam	MmuINT0153597	chr2	14050799	14052650	+	0.012021
Stam	MmuINT0153598	chr2	14052746	14055979	+	0.012267
Stam	MmuINT0153599	chr2	14056069	14059113	+	0.00426



Stam2	MmuINT0153600	chr2	52580003	52601094	-	0.016357
Stam2	MmuINT0153601	chr2	52565488	52566951	-	0.017254
Stam2	MmuINT0153602	chr2	52562287	52565432	-	0.036282
Stam2	MmuINT0153603	chr2	52559206	52562135	-	0.009148
Stam2	MmuINT0153604	chr2	52550457	52559038	-	0.01833
Stam2	MmuINT0153605	chr2	52579012	52579917	-	0.021927
Stam2	MmuINT0153606	chr2	52578830	52578935	-	0.028031
Stam2	MmuINT0153607	chr2	52575606	52578730	-	0.020584
Stam2	MmuINT0153608	chr2	52574792	52575458	-	0.012734
Stam2	MmuINT0153609	chr2	52574039	52574721	-	0.014231
Stam2	MmuINT0153610	chr2	52568725	52573851	-	0.025827
Stam2	MmuINT0153611	chr2	52567260	52568629	-	0.028565
Stam2	MmuINT0153612	chr2	52567040	52567176	-	0.021014
Stambp	MmuINT0153613	chr6	83520514	83522404	-	0.037734
Stambp	MmuINT0153614	chr6	83514251	83520296	-	0.028152
Stambp	MmuINT0153615	chr6	83513913	83514174	-	0.020332
Stambp	MmuINT0153616	chr6	83512036	83513816	-	0.012902
Stambp	MmuINT0153617	chr6	83507556	83511668	-	0.013482
Stambp	MmuINT0153618	chr6	83506407	83507430	-	0.026361
Stambp	MmuINT0153619	chr6	83502051	83506268	-	0.053636
Stambp	MmuINT0153620	chr6	83497325	83501937	-	0.024878
Stambp	MmuINT0153621	chr6	83494031	83497224	-	0.014702
Stambpl1	MmuINT0153623	chr19	34314093	34314506	+	0.050288
Stambpl1	MmuINT0153625	chr19	34301250	34304582	+	0.052123
Stambpl1	MmuINT0153627	chr19	34306017	34308450	+	0.083934
Stambpl1	MmuINT0153628	chr19	34308809	34309699	+	0.038295
Stambpl1	MmuINT0153630	chr19	34310904	34313265	+	0.07529
Stambpl1	MmuINT0153631	chr19	34313379	34313992	+	0.055186
Stap2	MmuINT0153640	chr17	56142625	56144852	-	0.018233
Stap2	MmuINT0153641	chr17	56137121	56137200	-	0.024351
Stap2	MmuINT0153642	chr17	56136958	56137027	-	0.109733
Stap2	MmuINT0153643	chr17	56136785	56136882	-	0.012916
Stap2	MmuINT0153644	chr17	56142399	56142552	-	0.013231
Stap2	MmuINT0153645	chr17	56141492	56142275	-	0.014516
Stap2	MmuINT0153646	chr17	56140425	56141434	-	0.015809
Stap2	MmuINT0153647	chr17	56140038	56140323	-	0.249048
Stap2	MmuINT0153648	chr17	56139580	56139902	-	0.011974
Stap2	MmuINT0153649	chr17	56139439	56139509	-	0.196983
Stap2	MmuINT0153650	chr17	56139232	56139335	-	0.456429
Stap2	MmuINT0153651	chr17	56137375	56139165	-	0.031845
Stard10	MmuINT0153658	chr7	1.08E+08	1.08E+08	+	0.007342
Stard10	MmuINT0153659	chr7	1.08E+08	1.08E+08	+	0.005566
Stard10	MmuINT0153660	chr7	1.08E+08	1.08E+08	+	0.00719
Stard10	MmuINT0153661	chr7	1.08E+08	1.08E+08	+	0.00647
Stard10	MmuINT0153662	chr7	1.08E+08	1.08E+08	+	0.007679
Stard10	MmuINT0153663	chr7	1.08E+08	1.08E+08	+	0.005254
Stard13	MmuINT0153664	chr5	1.52E+08	1.52E+08	-	0.036486
Stard13	MmuINT0153665	chr5	1.52E+08	1.52E+08	-	0.092493
Stard13	MmuINT0153666	chr5	1.52E+08	1.52E+08	-	0.038441
Stard13	MmuINT0153667	chr5	1.52E+08	1.52E+08	-	0.032795

Stard13	MmuINT0153668	chr5	1.52E+08	1.52E+08	-	0.021445
Stard13	MmuINT0153669	chr5	1.52E+08	1.52E+08	-	0.029821
Stard13	MmuINT0153670	chr5	1.52E+08	1.52E+08	-	0.033832
Stard13	MmuINT0153671	chr5	1.52E+08	1.52E+08	-	0.084448
Stard13	MmuINT0153672	chr5	1.52E+08	1.52E+08	-	0.020171
Stard13	MmuINT0153674	chr5	1.52E+08	1.52E+08	-	0.022605
Stard13	MmuINT0153675	chr5	1.52E+08	1.52E+08	-	0.012505
Stard3	MmuINT0153676	chr11	98219823	98233383	+	0.020365
Stard3	MmuINT0153677	chr11	98239533	98239648	+	0.04154
Stard3	MmuINT0153678	chr11	98239745	98240051	+	0.120005
Stard3	MmuINT0153679	chr11	98240132	98240207	+	0.023455
Stard3	MmuINT0153680	chr11	98240313	98241286	+	0.133526
Stard3	MmuINT0153681	chr11	98241381	98241771	+	0.025956
Stard3	MmuINT0153682	chr11	98233657	98236393	+	0.118728
Stard3	MmuINT0153683	chr11	98236472	98236789	+	0.017064
Stard3	MmuINT0153684	chr11	98236868	98236988	+	0.055733
Stard3	MmuINT0153685	chr11	98237043	98237803	+	0.116669
Stard3	MmuINT0153686	chr11	98237922	98238065	+	0.036489
Stard3	MmuINT0153687	chr11	98238165	98238378	+	0.030722
Stard3	MmuINT0153688	chr11	98238435	98238763	+	0.022564
Stard3	MmuINT0153689	chr11	98238857	98239469	+	0.20803
Stard3nl	MmuINT0153690	chr13	19468531	19487572	-	0.017794
Stard3nl	MmuINT0153691	chr13	19465083	19468247	-	0.015458
Stard3nl	MmuINT0153692	chr13	19464535	19465004	-	0.018348
Stard3nl	MmuINT0153693	chr13	19462403	19464456	-	0.081646
Stard3nl	MmuINT0153694	chr13	19462237	19462348	-	0.087028
Stard3nl	MmuINT0153695	chr13	19459709	19462118	-	0.094441
Stard3nl	MmuINT0153696	chr13	19450921	19459612	-	0.029078
Stard3nl	MmuINT0153697	chr13	19449999	19450846	-	0.017618
Stard4	MmuINT0153702	chr18	33363470	33364704	-	0.093522
Stard5	MmuINT0153703	chr7	90780650	90781245	+	0.09221
Stard5	MmuINT0153704	chr7	90781296	90781639	+	0.049005
Stard5	MmuINT0153705	chr7	90781773	90785260	+	0.093917
Stard5	MmuINT0153706	chr7	90785379	90786113	+	0.021159
Stard5	MmuINT0153707	chr7	90786208	90788931	+	0.254723
Stard7	MmuINT0153716	chr2	1.27E+08	1.27E+08	+	0.001473
Stard7	MmuINT0153717	chr2	1.27E+08	1.27E+08	+	0.021205
Stard7	MmuINT0153718	chr2	1.27E+08	1.27E+08	+	0.031302
Stard7	MmuINT0153719	chr2	1.27E+08	1.27E+08	+	0.010686
Stard7	MmuINT0153720	chr2	1.27E+08	1.27E+08	+	0.007367
Stard7	MmuINT0153721	chr2	1.27E+08	1.27E+08	+	0.002712
Stard7	MmuINT0153722	chr2	1.27E+08	1.27E+08	+	0.009434
Stard8	MmuINT0153723	chrX	96238134	96256066	+	0.03802
Stard8	MmuINT0153724	chrX	96265676	96266612	+	0.066501
Stard8	MmuINT0153725	chrX	96266838	96267772	+	0.071995
Stard8	MmuINT0153726	chrX	96267991	96268092	+	0.00704
Stard8	MmuINT0153727	chrX	96268270	96268421	+	0.021373
Stard8	MmuINT0153729	chrX	96258786	96259732	+	0.125602
Stard8	MmuINT0153730	chrX	96259797	96260896	+	0.12998
Stard8	MmuINT0153731	chrX	96262303	96262927	+	0.010679

Stard8	MmuINT0153732	chrX	96263102	96263912	+	0.017427
Stard8	MmuINT0153733	chrX	96264073	96264526	+	0.012357
Stard8	MmuINT0153734	chrX	96264726	96265085	+	0.008014
Stard8	MmuINT0153735	chrX	96265297	96265560	+	0.025675
Stat1	MmuINT0153737	chr1	52196197	52197420	+	0.009211
Stat1	MmuINT0153738	chr1	52197514	52199744	+	0.02241
Stat1	MmuINT0153739	chr1	52199805	52200929	+	0.015486
Stat1	MmuINT0153740	chr1	52200960	52201047	+	0.008867
Stat1	MmuINT0153741	chr1	52201142	52201993	+	0.009199
Stat1	MmuINT0153742	chr1	52202036	52204137	+	0.008491
Stat1	MmuINT0153743	chr1	52204222	52204744	+	0.014413
Stat1	MmuINT0153744	chr1	52204844	52205746	+	0.006698
Stat1	MmuINT0153745	chr1	52205883	52207462	+	0.017453
Stat1	MmuINT0153746	chr1	52207513	52208081	+	0.01778
Stat1	MmuINT0153748	chr1	52208177	52209076	+	0.010592
Stat1	MmuINT0153749	chr1	52209223	52210687	+	0.005373
Stat1	MmuINT0153750	chr1	52210874	52211829	+	0.02663
Stat1	MmuINT0153751	chr1	52211906	52212826	+	0.121893
Stat1	MmuINT0153752	chr1	52212927	52216126	+	0.004404
Stat1	MmuINT0153753	chr1	52179566	52179957	+	0.007772
Stat1	MmuINT0153754	chr1	52180103	52183363	+	0.010033
Stat1	MmuINT0153755	chr1	52183463	52189387	+	0.007644
Stat1	MmuINT0153756	chr1	52189478	52192446	+	0.009158
Stat1	MmuINT0153757	chr1	52192526	52193722	+	0.009276
Stat1	MmuINT0153758	chr1	52193815	52194122	+	0.009379
Stat1	MmuINT0153759	chr1	52194275	52196037	+	0.006321
Stat2	MmuINT0153760	chr10	1.28E+08	1.28E+08	+	0.032481
Stat2	MmuINT0153761	chr10	1.28E+08	1.28E+08	+	0.15065
Stat2	MmuINT0153762	chr10	1.28E+08	1.28E+08	+	0.158965
Stat2	MmuINT0153763	chr10	1.28E+08	1.28E+08	+	0.034499
Stat2	MmuINT0153764	chr10	1.28E+08	1.28E+08	+	0.14485
Stat2	MmuINT0153766	chr10	1.28E+08	1.28E+08	+	0.562652
Stat2	MmuINT0153767	chr10	1.28E+08	1.28E+08	+	0.246769
Stat2	MmuINT0153768	chr10	1.28E+08	1.28E+08	+	0.085056
Stat2	MmuINT0153769	chr10	1.28E+08	1.28E+08	+	0.037121
Stat2	MmuINT0153770	chr10	1.28E+08	1.28E+08	+	0.057014
Stat2	MmuINT0153772	chr10	1.28E+08	1.28E+08	+	0.119488
Stat2	MmuINT0153773	chr10	1.28E+08	1.28E+08	+	0.024311
Stat2	MmuINT0153774	chr10	1.28E+08	1.28E+08	+	0.072732
Stat2	MmuINT0153775	chr10	1.28E+08	1.28E+08	+	0.031905
Stat2	MmuINT0153777	chr10	1.28E+08	1.28E+08	+	0.075342
Stat2	MmuINT0153781	chr10	1.28E+08	1.28E+08	+	0.034651
Stat2	MmuINT0153782	chr10	1.28E+08	1.28E+08	+	0.037209
Stat3	MmuINT0153783	chr11	1.01E+08	1.01E+08	-	0.005667
Stat3	MmuINT0153784	chr11	1.01E+08	1.01E+08	-	0.005195
Stat3	MmuINT0153785	chr11	1.01E+08	1.01E+08	-	0.005694
Stat3	MmuINT0153786	chr11	1.01E+08	1.01E+08	-	0.003502
Stat3	MmuINT0153787	chr11	1.01E+08	1.01E+08	-	0.004465
Stat3	MmuINT0153788	chr11	1.01E+08	1.01E+08	-	0.005112
Stat3	MmuINT0153789	chr11	1.01E+08	1.01E+08	-	0.007206

Stat3	MmuINT0153790	chr11	1.01E+08	1.01E+08	-	0.006445
Stat3	MmuINT0153791	chr11	1.01E+08	1.01E+08	-	0.045863
Stat3	MmuINT0153792	chr11	1.01E+08	1.01E+08	-	0.015488
Stat3	MmuINT0153793	chr11	1.01E+08	1.01E+08	-	0.00294
Stat3	MmuINT0153794	chr11	1.01E+08	1.01E+08	-	0.003383
Stat3	MmuINT0153795	chr11	1.01E+08	1.01E+08	-	0.031651
Stat3	MmuINT0153796	chr11	1.01E+08	1.01E+08	-	0.021217
Stat3	MmuINT0153797	chr11	1.01E+08	1.01E+08	-	0.004975
Stat3	MmuINT0153799	chr11	1.01E+08	1.01E+08	-	0.003473
Stat3	MmuINT0153800	chr11	1.01E+08	1.01E+08	-	0.005345
Stat3	MmuINT0153801	chr11	1.01E+08	1.01E+08	-	0.002717
Stat3	MmuINT0153802	chr11	1.01E+08	1.01E+08	-	0.002325
Stat3	MmuINT0153803	chr11	1.01E+08	1.01E+08	-	0.004286
Stat5a	MmuINT0153827	chr11	1.01E+08	1.01E+08	+	0.018033
Stat5a	MmuINT0153828	chr11	1.01E+08	1.01E+08	+	0.017833
Stat5a	MmuINT0153829	chr11	1.01E+08	1.01E+08	+	0.018423
Stat5a	MmuINT0153830	chr11	1.01E+08	1.01E+08	+	0.010376
Stat5a	MmuINT0153831	chr11	1.01E+08	1.01E+08	+	0.012029
Stat5a	MmuINT0153832	chr11	1.01E+08	1.01E+08	+	0.010062
Stat5a	MmuINT0153833	chr11	1.01E+08	1.01E+08	+	0.012026
Stat5a	MmuINT0153835	chr11	1.01E+08	1.01E+08	+	0.039554
Stat5a	MmuINT0153836	chr11	1.01E+08	1.01E+08	+	0.016429
Stat5a	MmuINT0153837	chr11	1.01E+08	1.01E+08	+	0.012786
Stat5a	MmuINT0153838	chr11	1.01E+08	1.01E+08	+	0.015382
Stat5b	MmuINT0153849	chr11	1.01E+08	1.01E+08	-	0.00559
Stat5b	MmuINT0153850	chr11	1.01E+08	1.01E+08	-	0.005666
Stat5b	MmuINT0153851	chr11	1.01E+08	1.01E+08	-	0.013316
Stat5b	MmuINT0153852	chr11	1.01E+08	1.01E+08	-	0.016442
Stat5b	MmuINT0153853	chr11	1.01E+08	1.01E+08	-	0.006918
Stat5b	MmuINT0153854	chr11	1.01E+08	1.01E+08	-	0.016516
Stat5b	MmuINT0153855	chr11	1.01E+08	1.01E+08	-	0.034444
Stat5b	MmuINT0153856	chr11	1.01E+08	1.01E+08	-	0.031391
Stat5b	MmuINT0153857	chr11	1.01E+08	1.01E+08	-	0.028505
Stat5b	MmuINT0153858	chr11	1.01E+08	1.01E+08	-	0.005926
Stat5b	MmuINT0153859	chr11	1.01E+08	1.01E+08	-	0.006644
Stat5b	MmuINT0153860	chr11	1.01E+08	1.01E+08	-	0.010646
Stat6	MmuINT0153866	chr10	1.27E+08	1.27E+08	+	0.00951
Stat6	MmuINT0153867	chr10	1.27E+08	1.27E+08	+	0.006671
Stat6	MmuINT0153868	chr10	1.27E+08	1.27E+08	+	0.041903
Stat6	MmuINT0153869	chr10	1.27E+08	1.27E+08	+	0.042541
Stat6	MmuINT0153870	chr10	1.27E+08	1.27E+08	+	0.028559
Stat6	MmuINT0153871	chr10	1.27E+08	1.27E+08	+	0.014121
Stat6	MmuINT0153872	chr10	1.27E+08	1.27E+08	+	0.007704
Stat6	MmuINT0153873	chr10	1.27E+08	1.27E+08	+	0.215811
Stat6	MmuINT0153874	chr10	1.27E+08	1.27E+08	+	0.066155
Stat6	MmuINT0153875	chr10	1.27E+08	1.27E+08	+	0.054406
Stat6	MmuINT0153876	chr10	1.27E+08	1.27E+08	+	0.022728
Stat6	MmuINT0153877	chr10	1.27E+08	1.27E+08	+	0.00683
Stat6	MmuINT0153878	chr10	1.27E+08	1.27E+08	+	0.008063
Stat6	MmuINT0153879	chr10	1.27E+08	1.27E+08	+	0.039267

Stat6	MmuINT0153880	chr10	1.27E+08	1.27E+08	+	0.010182
Stat6	MmuINT0153881	chr10	1.27E+08	1.27E+08	+	0.054883
Stat6	MmuINT0153882	chr10	1.27E+08	1.27E+08	+	0.018545
Stat6	MmuINT0153883	chr10	1.27E+08	1.27E+08	+	0.014553
Stat6	MmuINT0153884	chr10	1.27E+08	1.27E+08	+	0.013841
Stat6	MmuINT0153885	chr10	1.27E+08	1.27E+08	+	0.006208
Stat6	MmuINT0153886	chr10	1.27E+08	1.27E+08	+	0.017496
Stau1	MmuINT0153888	chr2	1.67E+08	1.67E+08	-	0.008352
Stau1	MmuINT0153889	chr2	1.67E+08	1.67E+08	-	0.007503
Stau1	MmuINT0153890	chr2	1.67E+08	1.67E+08	-	0.014594
Stau1	MmuINT0153891	chr2	1.67E+08	1.67E+08	-	0.004555
Stau1	MmuINT0153892	chr2	1.67E+08	1.67E+08	-	0.005158
Stau1	MmuINT0153893	chr2	1.67E+08	1.67E+08	-	0.004912
Stau1	MmuINT0153894	chr2	1.67E+08	1.67E+08	-	0.034182
Stau1	MmuINT0153895	chr2	1.67E+08	1.67E+08	-	0.009587
Stau1	MmuINT0153896	chr2	1.67E+08	1.67E+08	-	0.018014
Stau2	MmuINT0153898	chr1	16499490	16509253	-	0.013332
Stau2	MmuINT0153899	chr1	16356221	16359835	-	0.003199
Stau2	MmuINT0153900	chr1	16336093	16356159	-	0.003718
Stau2	MmuINT0153901	chr1	16221173	16335784	-	0.040439
Stau2	MmuINT0153902	chr1	16219948	16221083	-	0.009316
Stau2	MmuINT0153903	chr1	16476232	16499422	-	0.016135
Stau2	MmuINT0153904	chr1	16453276	16476100	-	0.005821
Stau2	MmuINT0153905	chr1	16430540	16453115	-	0.003193
Stau2	MmuINT0153906	chr1	16384292	16430403	-	0.004196
Stau2	MmuINT0153907	chr1	16382706	16384131	-	0.002481
Stau2	MmuINT0153908	chr1	16380115	16382597	-	0.003374
Stau2	MmuINT0153909	chr1	16364893	16379901	-	0.004106
Stau2	MmuINT0153910	chr1	16359968	16364754	-	0.003351
Stbd1	MmuINT0153911	chr5	93032364	93033907	+	0.009597
Stc2	MmuINT0153915	chr11	31267869	31269711	-	0.120749
Stc2	MmuINT0153916	chr11	31265544	31267725	-	0.036744
Stc2	MmuINT0153917	chr11	31260529	31265331	-	0.069326
Steap3	MmuINT0153930	chr1	1.22E+08	1.22E+08	-	0.006563
Steap3	MmuINT0153931	chr1	1.22E+08	1.22E+08	-	0.007617
Steap3	MmuINT0153932	chr1	1.22E+08	1.22E+08	-	0.016556
Steap4	MmuINT0153934	chr5	7960542	7975438	+	0.023917
Steap4	MmuINT0153935	chr5	7975897	7976494	+	0.01834
Steap4	MmuINT0153936	chr5	7977023	7978407	+	0.025765
Steap4	MmuINT0153937	chr5	7978573	7980294	+	0.029413
Stfa2l1	MmuINT0153943	chr16	36160134	36161832	+	0.039197
Stim1	MmuINT0153962	chr7	1.09E+08	1.1E+08	+	0.025671
Stim1	MmuINT0153963	chr7	1.1E+08	1.1E+08	+	0.644361
Stim1	MmuINT0153964	chr7	1.1E+08	1.1E+08	+	0.109154
Stim1	MmuINT0153965	chr7	1.1E+08	1.1E+08	+	0.017529
Stim1	MmuINT0153966	chr7	1.1E+08	1.1E+08	+	0.01678
Stim1	MmuINT0153967	chr7	1.1E+08	1.1E+08	+	0.02018
Stim1	MmuINT0153968	chr7	1.1E+08	1.1E+08	+	0.022369
Stim1	MmuINT0153969	chr7	1.1E+08	1.1E+08	+	0.011937
Stim1	MmuINT0153970	chr7	1.1E+08	1.1E+08	+	0.023225

Stim1	MmuINT0153971	chr7	1.1E+08	1.1E+08	+	0.027845
Stim1	MmuINT0153972	chr7	1.1E+08	1.1E+08	+	0.028872
Stim2	MmuINT0153973	chr5	54390274	54444614	+	0.054999
Stim2	MmuINT0153974	chr5	54502350	54507157	+	0.029526
Stim2	MmuINT0153975	chr5	54507432	54509510	+	0.045624
Stim2	MmuINT0153976	chr5	54444746	54466518	+	0.026226
Stim2	MmuINT0153977	chr5	54466634	54493813	+	0.029425
Stim2	MmuINT0153978	chr5	54493926	54494811	+	0.039651
Stim2	MmuINT0153979	chr5	54494928	54495631	+	0.023939
Stim2	MmuINT0153980	chr5	54495810	54496459	+	0.022511
Stim2	MmuINT0153981	chr5	54496638	54500941	+	0.022426
Stim2	MmuINT0153982	chr5	54501110	54501775	+	0.08113
Stim2	MmuINT0153983	chr5	54501877	54502110	+	0.054419
Stip1	MmuINT0153984	chr19	7110196	7114369	-	0.002763
Stip1	MmuINT0153986	chr19	7096621	7096761	-	0.004244
Stip1	MmuINT0153987	chr19	7096313	7096516	-	0.001676
Stip1	MmuINT0153988	chr19	7095662	7096139	-	0.006206
Stip1	MmuINT0153989	chr19	7109279	7109985	-	0.002816
Stip1	MmuINT0153990	chr19	7108795	7109136	-	0.002527
Stip1	MmuINT0153991	chr19	7107140	7108652	-	0.006366
Stip1	MmuINT0153992	chr19	7103725	7106970	-	0.002804
Stip1	MmuINT0153993	chr19	7103495	7103597	-	0.001537
Stip1	MmuINT0153994	chr19	7103239	7103391	-	0.004133
Stip1	MmuINT0153995	chr19	7100879	7103117	-	0.000607
Stip1	MmuINT0153996	chr19	7099930	7100781	-	0.006351
Stk10	MmuINT0153997	chr11	32433560	32455123	+	0.047821
Stk10	MmuINT0153999	chr11	32503791	32504120	+	0.039401
Stk10	MmuINT0154000	chr11	32504301	32510632	+	0.033935
Stk10	MmuINT0154001	chr11	32510726	32512670	+	0.03169
Stk10	MmuINT0154002	chr11	32512801	32513461	+	0.032834
Stk10	MmuINT0154003	chr11	32513587	32514524	+	0.036707
Stk10	MmuINT0154004	chr11	32514714	32515780	+	0.042118
Stk10	MmuINT0154005	chr11	32515907	32517848	+	0.047174
Stk10	MmuINT0154006	chr11	32517963	32522423	+	0.055689
Stk10	MmuINT0154010	chr11	32487386	32488755	+	0.072243
Stk10	MmuINT0154012	chr11	32489492	32496614	+	0.051932
Stk10	MmuINT0154014	chr11	32498985	32500740	+	0.024797
Stk11	MmuINT0154015	chr10	79579653	79587546	+	0.033738
Stk11	MmuINT0154016	chr10	79587631	79588223	+	0.00957
Stk11	MmuINT0154017	chr10	79588314	79588777	+	0.009569
Stk11	MmuINT0154018	chr10	79588911	79588977	+	0.012324
Stk11	MmuINT0154019	chr10	79589115	79589398	+	0.011492
Stk11	MmuINT0154020	chr10	79589527	79589789	+	0.002868
Stk11	MmuINT0154021	chr10	79589848	79590648	+	0.001638
Stk11	MmuINT0154022	chr10	79590846	79592649	+	0.010276
Stk11	MmuINT0154023	chr10	79592857	79593000	+	0.01544
Stk11ip	MmuINT0154024	chr1	75518218	75518338	+	0.295048
Stk11ip	MmuINT0154025	chr1	75524247	75524376	+	0.062238
Stk11ip	MmuINT0154026	chr1	75524419	75524543	+	0.148672
Stk11ip	MmuINT0154027	chr1	75524694	75524883	+	0.143357

Stk11ip	MmuINT0154028	chr1	75524969	75525485	+	0.139499
Stk11ip	MmuINT0154029	chr1	75525837	75525985	+	0.022848
Stk11ip	MmuINT0154030	chr1	75526192	75526508	+	0.070134
Stk11ip	MmuINT0154031	chr1	75526626	75526747	+	0.088059
Stk11ip	MmuINT0154032	chr1	75526926	75528877	+	0.042726
Stk11ip	MmuINT0154033	chr1	75529091	75529201	+	0.040635
Stk11ip	MmuINT0154034	chr1	75529306	75530134	+	0.07088
Stk11ip	MmuINT0154035	chr1	75518425	75521257	+	0.05467
Stk11ip	MmuINT0154036	chr1	75530233	75530327	+	0.06144
Stk11ip	MmuINT0154037	chr1	75530507	75530746	+	0.037945
Stk11ip	MmuINT0154038	chr1	75530829	75530978	+	0.035358
Stk11ip	MmuINT0154039	chr1	75531050	75531752	+	0.033109
Stk11ip	MmuINT0154040	chr1	75532001	75532660	+	0.015144
Stk11ip	MmuINT0154041	chr1	75521464	75521662	+	0.107217
Stk11ip	MmuINT0154042	chr1	75521738	75521993	+	0.046549
Stk11ip	MmuINT0154043	chr1	75522090	75522426	+	0.059635
Stk11ip	MmuINT0154044	chr1	75522535	75522661	+	0.034585
Stk11ip	MmuINT0154045	chr1	75522734	75523632	+	0.048488
Stk11ip	MmuINT0154046	chr1	75523760	75523937	+	0.222443
Stk11ip	MmuINT0154047	chr1	75524042	75524150	+	0.052103
Stk16	MmuINT0154048	chr1	75207628	75207814	+	0.031837
Stk16	MmuINT0154049	chr1	75207990	75208499	+	0.026975
Stk16	MmuINT0154050	chr1	75208720	75209174	+	0.072402
Stk16	MmuINT0154051	chr1	75209309	75209460	+	0.094237
Stk16	MmuINT0154052	chr1	75209582	75209707	+	0.199622
Stk16	MmuINT0154053	chr1	75209804	75210150	+	0.114244
Stk16	MmuINT0154054	chr1	75210273	75210388	+	0.002686
Stk17b	MmuINT0154055	chr1	53833524	53841917	-	0.03051
Stk17b	MmuINT0154056	chr1	53828667	53833360	-	0.03126
Stk17b	MmuINT0154057	chr1	53822910	53828453	-	0.042156
Stk17b	MmuINT0154058	chr1	53821003	53822764	-	0.062054
Stk17b	MmuINT0154059	chr1	53819482	53820875	-	0.033632
Stk17b	MmuINT0154060	chr1	53818006	53819432	-	0.050649
Stk17b	MmuINT0154061	chr1	53814615	53817825	-	0.022401
Stk19	MmuINT0154062	chr17	34973512	34973721	-	0.020112
Stk19	MmuINT0154064	chr17	34969098	34969390	-	0.068152
Stk24	MmuINT0154068	chr14	1.22E+08	1.22E+08	-	0.007768
Stk24	MmuINT0154069	chr14	1.22E+08	1.22E+08	-	0.025011
Stk24	MmuINT0154070	chr14	1.22E+08	1.22E+08	-	0.003406
Stk24	MmuINT0154071	chr14	1.22E+08	1.22E+08	-	0.004467
Stk24	MmuINT0154072	chr14	1.22E+08	1.22E+08	-	0.006538
Stk24	MmuINT0154073	chr14	1.22E+08	1.22E+08	-	0.003139
Stk24	MmuINT0154074	chr14	1.22E+08	1.22E+08	-	0.004031
Stk24	MmuINT0154075	chr14	1.22E+08	1.22E+08	-	0.007758
Stk24	MmuINT0154076	chr14	1.22E+08	1.22E+08	-	0.006034
Stk24	MmuINT0154077	chr14	1.22E+08	1.22E+08	-	0.00467
Stk25	MmuINT0154078	chr1	95531961	95532123	-	0.017028
Stk25	MmuINT0154079	chr1	95520110	95521129	-	0.041942
Stk25	MmuINT0154080	chr1	95519104	95519972	-	0.017961
Stk25	MmuINT0154081	chr1	95525842	95531874	-	0.008177

Stk25	MmuINT0154082	chr1	95524288	95525610	-	0.018374
Stk25	MmuINT0154083	chr1	95523711	95524230	-	0.012723
Stk25	MmuINT0154084	chr1	95522786	95523601	-	0.256745
Stk25	MmuINT0154085	chr1	95522544	95522627	-	0.052642
Stk25	MmuINT0154086	chr1	95522184	95522357	-	0.189094
Stk25	MmuINT0154087	chr1	95521726	95522037	-	0.068011
Stk25	MmuINT0154088	chr1	95521202	95521610	-	0.066777
Stk3	MmuINT0154089	chr15	35045401	35085281	-	0.022236
Stk3	MmuINT0154090	chr15	34806576	34874760	-	0.030346
Stk3	MmuINT0154091	chr15	35044413	35045319	-	0.048973
Stk3	MmuINT0154092	chr15	35029304	35044283	-	0.025084
Stk3	MmuINT0154094	chr15	35002353	35002811	-	0.024158
Stk3	MmuINT0154095	chr15	34938054	35002184	-	0.021834
Stk3	MmuINT0154096	chr15	34929712	34937915	-	0.018334
Stk3	MmuINT0154097	chr15	34888832	34929585	-	0.015601
Stk3	MmuINT0154098	chr15	34874937	34888620	-	0.035388
Stk32c	MmuINT0154157	chr7	1.46E+08	1.46E+08	-	0.061074
Stk32c	MmuINT0154158	chr7	1.46E+08	1.46E+08	-	0.106831
Stk32c	MmuINT0154165	chr7	1.46E+08	1.46E+08	-	0.113029
Stk35	MmuINT0154180	chr2	1.3E+08	1.3E+08	+	0.144604
Stk35	MmuINT0154181	chr2	1.3E+08	1.3E+08	+	0.078707
Stk38	MmuINT0154210	chr17	29137087	29144655	-	0.021297
Stk38	MmuINT0154211	chr17	29111615	29112763	-	0.031972
Stk38	MmuINT0154213	chr17	29110085	29111226	-	0.09202
Stk38	MmuINT0154214	chr17	29109622	29109989	-	0.061774
Stk38	MmuINT0154215	chr17	29129414	29136953	-	0.015032
Stk38	MmuINT0154216	chr17	29128366	29129361	-	0.016536
Stk38	MmuINT0154217	chr17	29125207	29128242	-	0.012061
Stk38	MmuINT0154218	chr17	29121146	29125122	-	0.103882
Stk38	MmuINT0154219	chr17	29119132	29121021	-	0.171188
Stk38	MmuINT0154220	chr17	29116251	29118976	-	0.08398
Stk38	MmuINT0154221	chr17	29114547	29116147	-	0.053426
Stk38	MmuINT0154222	chr17	29112882	29114484	-	0.058193
Stk39	MmuINT0154236	chr2	68248199	68309690	-	0.019012
Stk39	MmuINT0154237	chr2	68152661	68196870	-	0.001693
Stk39	MmuINT0154238	chr2	68152451	68152537	-	0.00275
Stk39	MmuINT0154240	chr2	68145166	68147048	-	0.003862
Stk39	MmuINT0154241	chr2	68105149	68145097	-	0.003875
Stk39	MmuINT0154242	chr2	68101361	68105095	-	0.005027
Stk39	MmuINT0154243	chr2	68059026	68101291	-	0.006646
Stk39	MmuINT0154244	chr2	68050051	68058960	-	0.007843
Stk39	MmuINT0154245	chr2	68236590	68248085	-	0.003023
Stk39	MmuINT0154246	chr2	68230310	68236480	-	0.002496
Stk39	MmuINT0154247	chr2	68229027	68230167	-	0.003264
Stk39	MmuINT0154248	chr2	68207163	68228970	-	0.004887
Stk39	MmuINT0154249	chr2	68206556	68207052	-	0.002091
Stk39	MmuINT0154250	chr2	68204265	68206453	-	0.002595
Stk39	MmuINT0154251	chr2	68197092	68204130	-	0.002342
Stk39	MmuINT0154252	chr2	68196937	68197042	-	0.003013
Stk4	MmuINT0154253	chr2	1.64E+08	1.64E+08	+	0.033328



Stk4	MmuINT0154254	chr2	1.64E+08	1.64E+08	+	0.022949
Stk4	MmuINT0154255	chr2	1.64E+08	1.64E+08	+	0.052984
Stk4	MmuINT0154256	chr2	1.64E+08	1.64E+08	+	0.030357
Stk4	MmuINT0154257	chr2	1.64E+08	1.64E+08	+	0.020046
Stk4	MmuINT0154258	chr2	1.64E+08	1.64E+08	+	0.018034
Stk4	MmuINT0154259	chr2	1.64E+08	1.64E+08	+	0.018041
Stk4	MmuINT0154260	chr2	1.64E+08	1.64E+08	+	0.021288
Stk4	MmuINT0154261	chr2	1.64E+08	1.64E+08	+	0.015788
Stk4	MmuINT0154262	chr2	1.64E+08	1.64E+08	+	0.026109
Stk40	MmuINT0154266	chr4	1.26E+08	1.26E+08	+	0.008018
Stk40	MmuINT0154267	chr4	1.26E+08	1.26E+08	+	0.012375
Stk40	MmuINT0154268	chr4	1.26E+08	1.26E+08	+	0.00527
Stk40	MmuINT0154269	chr4	1.26E+08	1.26E+08	+	0.003372
Stk40	MmuINT0154270	chr4	1.26E+08	1.26E+08	+	0.007112
Stk40	MmuINT0154271	chr4	1.26E+08	1.26E+08	+	0.008508
Stk40	MmuINT0154272	chr4	1.26E+08	1.26E+08	+	0.016384
Stk40	MmuINT0154273	chr4	1.26E+08	1.26E+08	+	0.011073
Stk40	MmuINT0154274	chr4	1.26E+08	1.26E+08	+	0.006294
Stk40	MmuINT0154275	chr4	1.26E+08	1.26E+08	+	0.003873
Stmn1	MmuINT0154276	chr4	1.34E+08	1.34E+08	+	0.016797
Stmn2	MmuINT0154280	chr3	8509631	8541840	+	0.027155
Stmn2	MmuINT0154281	chr3	8541937	8545572	+	0.024891
Stmn2	MmuINT0154282	chr3	8545746	8554791	+	0.02276
Stmn2	MmuINT0154283	chr3	8554984	8560265	+	0.037936
Stom	MmuINT0154293	chr2	35182045	35192378	-	0.002611
Stom	MmuINT0154294	chr2	35180907	35181940	-	0.005827
Stom	MmuINT0154295	chr2	35179267	35180833	-	0.002635
Stom	MmuINT0154296	chr2	35177207	35179183	-	0.001867
Stom	MmuINT0154297	chr2	35175986	35177002	-	0.001191
Stom	MmuINT0154298	chr2	35171576	35175850	-	0.004066
Stoml1	MmuINT0154299	chr9	58101207	58102740	+	0.342313
Stoml1	MmuINT0154300	chr9	58102848	58104446	+	0.064385
Stoml1	MmuINT0154301	chr9	58104597	58104827	+	0.018273
Stoml1	MmuINT0154302	chr9	58105032	58108033	+	0.030238
Stoml1	MmuINT0154303	chr9	58108230	58108604	+	0.024809
Stoml1	MmuINT0154304	chr9	58108821	58109452	+	0.022371
Stoml2	MmuINT0154307	chr4	43043981	43044200	-	0.007302
Stoml2	MmuINT0154308	chr4	43043408	43043842	-	0.001062
Stoml2	MmuINT0154309	chr4	43043171	43043307	-	0.005258
Stoml2	MmuINT0154310	chr4	43043023	43043111	-	0.00087
Stoml2	MmuINT0154311	chr4	43042777	43042920	-	0.001603
Stoml2	MmuINT0154314	chr4	43041939	43042150	-	0.000293
Ston1	MmuINT0154323	chr17	89036423	89043677	+	0.032035
Ston1	MmuINT0154324	chr17	89043881	89044554	+	0.022877
Stox2	MmuINT0154336	chr8	48271927	48277192	-	0.200874
Stra13	MmuINT0154340	chr11	1.21E+08	1.21E+08	-	0.249157
Stra13	MmuINT0154341	chr11	1.21E+08	1.21E+08	-	0.066735
Stra13	MmuINT0154342	chr11	1.21E+08	1.21E+08	-	0.020797
Stra13	MmuINT0154343	chr11	1.21E+08	1.21E+08	-	0.01297
Strada	MmuINT0154373	chr11	1.06E+08	1.06E+08	-	0.047625

Strada	MmuINT0154374	chr11	1.06E+08	1.06E+08	-	0.114717
Strada	MmuINT0154375	chr11	1.06E+08	1.06E+08	-	0.456006
Strada	MmuINT0154376	chr11	1.06E+08	1.06E+08	-	0.031728
Strada	MmuINT0154377	chr11	1.06E+08	1.06E+08	-	0.035668
Strada	MmuINT0154378	chr11	1.06E+08	1.06E+08	-	0.062051
Strada	MmuINT0154379	chr11	1.06E+08	1.06E+08	-	0.034251
Strada	MmuINT0154380	chr11	1.06E+08	1.06E+08	-	0.094489
Strada	MmuINT0154381	chr11	1.06E+08	1.06E+08	-	0.035484
Strada	MmuINT0154382	chr11	1.06E+08	1.06E+08	-	0.032604
Stradb	MmuINT0154383	chr1	59030695	59033802	+	0.014001
Stradb	MmuINT0154384	chr1	59049982	59050404	+	0.014451
Stradb	MmuINT0154385	chr1	59050448	59051136	+	0.021277
Stradb	MmuINT0154386	chr1	59033910	59036777	+	0.006765
Stradb	MmuINT0154387	chr1	59036859	59042132	+	0.006201
Stradb	MmuINT0154388	chr1	59042233	59045349	+	0.01215
Stradb	MmuINT0154389	chr1	59045472	59046533	+	0.013634
Stradb	MmuINT0154390	chr1	59046643	59047856	+	0.003674
Stradb	MmuINT0154391	chr1	59047981	59049047	+	0.065793
Stradb	MmuINT0154392	chr1	59049220	59049494	+	0.011202
Stradb	MmuINT0154393	chr1	59049600	59049736	+	0.005512
Strap	MmuINT0154394	chr6	1.38E+08	1.38E+08	+	0.001762
Strap	MmuINT0154395	chr6	1.38E+08	1.38E+08	+	0.0024
Strap	MmuINT0154396	chr6	1.38E+08	1.38E+08	+	0.002139
Strap	MmuINT0154397	chr6	1.38E+08	1.38E+08	+	0.002693
Strap	MmuINT0154398	chr6	1.38E+08	1.38E+08	+	0.001595
Strap	MmuINT0154399	chr6	1.38E+08	1.38E+08	+	0.002775
Strap	MmuINT0154400	chr6	1.38E+08	1.38E+08	+	0.004966
Strap	MmuINT0154401	chr6	1.38E+08	1.38E+08	+	0.002274
Strap	MmuINT0154402	chr6	1.38E+08	1.38E+08	+	0.001326
Strbp	MmuINT0154403	chr2	37501212	37502635	-	0.023473
Strbp	MmuINT0154404	chr2	37458655	37459441	-	0.045074
Strbp	MmuINT0154405	chr2	37456424	37458454	-	0.029446
Strbp	MmuINT0154406	chr2	37454776	37456264	-	0.021581
Strbp	MmuINT0154407	chr2	37452365	37454640	-	0.026415
Strbp	MmuINT0154408	chr2	37446301	37452223	-	0.029418
Strbp	MmuINT0154409	chr2	37442075	37446176	-	0.035632
Strbp	MmuINT0154410	chr2	37439627	37442029	-	0.048713
Strbp	MmuINT0154411	chr2	37496537	37500990	-	0.021805
Strbp	MmuINT0154412	chr2	37491089	37496370	-	0.020904
Strbp	MmuINT0154413	chr2	37483047	37490943	-	0.051791
Strbp	MmuINT0154414	chr2	37482098	37482954	-	0.045448
Strbp	MmuINT0154415	chr2	37480810	37482001	-	0.056139
Strbp	MmuINT0154416	chr2	37480111	37480697	-	0.047713
Strbp	MmuINT0154417	chr2	37479805	37480012	-	0.056214
Strbp	MmuINT0154418	chr2	37459535	37479692	-	0.035524
Strn	MmuINT0154447	chr17	79100294	79135593	-	0.023342
Strn	MmuINT0154448	chr17	79064135	79066461	-	0.017809
Strn	MmuINT0154449	chr17	79062449	79063958	-	0.028094
Strn	MmuINT0154450	chr17	79061224	79062400	-	0.027985
Strn	MmuINT0154452	chr17	79057365	79059383	-	0.019832

Strn	MmuINT0154453	chr17	79056356	79057223	-	0.012905
Strn	MmuINT0154454	chr17	79055176	79056247	-	0.019287
Strn	MmuINT0154455	chr17	79055000	79055088	-	0.020335
Strn	MmuINT0154456	chr17	79091808	79100189	-	0.026175
Strn	MmuINT0154457	chr17	79087011	79091733	-	0.01814
Strn	MmuINT0154459	chr17	79082304	79083569	-	0.012192
Strn	MmuINT0154460	chr17	79076758	79082167	-	0.02099
Strn	MmuINT0154461	chr17	79072027	79076621	-	0.013558
Strn	MmuINT0154462	chr17	79069235	79071915	-	0.037391
Strn	MmuINT0154463	chr17	79066599	79069090	-	0.01431
Strn3	MmuINT0154465	chr12	52762701	52792408	-	0.006923
Strn3	MmuINT0154466	chr12	52728868	52730360	-	0.010901
Strn3	MmuINT0154467	chr12	52728548	52728691	-	0.00573
Strn3	MmuINT0154468	chr12	52728219	52728499	-	0.006492
Strn3	MmuINT0154469	chr12	52724331	52728096	-	0.003232
Strn3	MmuINT0154470	chr12	52722908	52724162	-	0.002934
Strn3	MmuINT0154471	chr12	52720909	52722766	-	0.004433
Strn3	MmuINT0154472	chr12	52711434	52720800	-	0.011384
Strn3	MmuINT0154473	chr12	52711260	52711346	-	0.003838
Strn3	MmuINT0154474	chr12	52762212	52762596	-	0.003881
Strn3	MmuINT0154475	chr12	52756471	52762137	-	0.003714
Strn3	MmuINT0154476	chr12	52753833	52756388	-	0.002716
Strn3	MmuINT0154477	chr12	52751218	52753658	-	0.005015
Strn3	MmuINT0154478	chr12	52749123	52751090	-	0.002332
Strn3	MmuINT0154481	chr12	52730495	52734565	-	0.100764
Strn4	MmuINT0154482	chr7	17401984	17407844	+	0.008026
Strn4	MmuINT0154483	chr7	17418451	17418526	+	0.032103
Strn4	MmuINT0154484	chr7	17418575	17419223	+	0.018666
Strn4	MmuINT0154485	chr7	17419346	17422910	+	0.026889
Strn4	MmuINT0154486	chr7	17423082	17423197	+	0.005295
Strn4	MmuINT0154487	chr7	17423339	17423618	+	0.016248
Strn4	MmuINT0154488	chr7	17423718	17423911	+	0.012776
Strn4	MmuINT0154489	chr7	17423999	17425089	+	0.0131
Strn4	MmuINT0154490	chr7	17425322	17425554	+	0.010734
Strn4	MmuINT0154491	chr7	17407949	17408354	+	0.00946
Strn4	MmuINT0154492	chr7	17408429	17409487	+	0.008579
Strn4	MmuINT0154493	chr7	17409567	17411812	+	0.034024
Strn4	MmuINT0154494	chr7	17412011	17414023	+	0.007321
Strn4	MmuINT0154495	chr7	17414166	17415674	+	0.004301
Strn4	MmuINT0154496	chr7	17415835	17416373	+	0.03599
Strn4	MmuINT0154497	chr7	17416488	17416813	+	0.054212
Stt3a	MmuINT0154498	chr9	36572766	36575134	-	0.021741
Stt3a	MmuINT0154499	chr9	36554231	36555509	-	0.010993
Stt3a	MmuINT0154500	chr9	36551737	36554138	-	0.012951
Stt3a	MmuINT0154502	chr9	36549416	36551000	-	0.010305
Stt3a	MmuINT0154503	chr9	36549177	36549298	-	0.007603
Stt3a	MmuINT0154504	chr9	36543127	36549073	-	0.025415
Stt3a	MmuINT0154505	chr9	36542016	36542937	-	0.009036
Stt3a	MmuINT0154506	chr9	36540548	36541899	-	0.011425
Stt3a	MmuINT0154507	chr9	36570983	36572638	-	0.013335

Stt3a	MmuINT0154508	chr9	36566910	36570921	-	0.017298
Stt3a	MmuINT0154509	chr9	36566453	36566787	-	0.011119
Stt3a	MmuINT0154510	chr9	36562482	36566306	-	0.014383
Stt3a	MmuINT0154511	chr9	36560022	36562390	-	0.01856
Stt3a	MmuINT0154512	chr9	36558932	36559914	-	0.010498
Stt3a	MmuINT0154513	chr9	36557319	36558766	-	0.010093
Stt3a	MmuINT0154514	chr9	36555666	36557137	-	0.009772
Stt3b	MmuINT0154515	chr9	1.15E+08	1.15E+08	-	0.009661
Stt3b	MmuINT0154516	chr9	1.15E+08	1.15E+08	-	0.005718
Stt3b	MmuINT0154517	chr9	1.15E+08	1.15E+08	-	0.008116
Stt3b	MmuINT0154518	chr9	1.15E+08	1.15E+08	-	0.004287
Stt3b	MmuINT0154519	chr9	1.15E+08	1.15E+08	-	0.005413
Stt3b	MmuINT0154520	chr9	1.15E+08	1.15E+08	-	0.006371
Stt3b	MmuINT0154521	chr9	1.15E+08	1.15E+08	-	0.003539
Stt3b	MmuINT0154522	chr9	1.15E+08	1.15E+08	-	0.007703
Stt3b	MmuINT0154523	chr9	1.15E+08	1.15E+08	-	0.008849
Stt3b	MmuINT0154524	chr9	1.15E+08	1.15E+08	-	0.008418
Stt3b	MmuINT0154525	chr9	1.15E+08	1.15E+08	-	0.010806
Stt3b	MmuINT0154526	chr9	1.15E+08	1.15E+08	-	0.014564
Stt3b	MmuINT0154527	chr9	1.15E+08	1.15E+08	-	0.016567
Stt3b	MmuINT0154528	chr9	1.15E+08	1.15E+08	-	0.027976
Stt3b	MmuINT0154529	chr9	1.15E+08	1.15E+08	-	0.015536
Stub1	MmuINT0154530	chr17	25969190	25969636	-	0.032788
Stub1	MmuINT0154531	chr17	25968907	25968990	-	0.005563
Stub1	MmuINT0154532	chr17	25968577	25968740	-	0.058126
Stub1	MmuINT0154533	chr17	25968311	25968488	-	0.209462
Stub1	MmuINT0154534	chr17	25968164	25968253	-	0.125722
Stub1	MmuINT0154535	chr17	25967956	25968046	-	0.115758
Stx12	MmuINT0154539	chr4	1.32E+08	1.32E+08	-	0.00696
Stx12	MmuINT0154540	chr4	1.32E+08	1.32E+08	-	0.006305
Stx12	MmuINT0154541	chr4	1.32E+08	1.32E+08	-	0.003946
Stx12	MmuINT0154542	chr4	1.32E+08	1.32E+08	-	0.006003
Stx12	MmuINT0154543	chr4	1.32E+08	1.32E+08	-	0.007019
Stx12	MmuINT0154544	chr4	1.32E+08	1.32E+08	-	0.006671
Stx12	MmuINT0154545	chr4	1.32E+08	1.32E+08	-	0.013126
Stx12	MmuINT0154546	chr4	1.32E+08	1.32E+08	-	0.035124
Stx16	MmuINT0154548	chr2	1.74E+08	1.74E+08	+	0.055348
Stx16	MmuINT0154549	chr2	1.74E+08	1.74E+08	+	0.033304
Stx16	MmuINT0154550	chr2	1.74E+08	1.74E+08	+	0.03933
Stx16	MmuINT0154551	chr2	1.74E+08	1.74E+08	+	0.01315
Stx16	MmuINT0154552	chr2	1.74E+08	1.74E+08	+	0.019714
Stx16	MmuINT0154553	chr2	1.74E+08	1.74E+08	+	0.014481
Stx17	MmuINT0154556	chr4	48137831	48144636	+	0.078283
Stx17	MmuINT0154557	chr4	48144822	48153291	+	0.010185
Stx17	MmuINT0154558	chr4	48153358	48171682	+	0.010556
Stx17	MmuINT0154559	chr4	48171906	48179799	+	0.007764
Stx17	MmuINT0154560	chr4	48179916	48180077	+	0.01132
Stx17	MmuINT0154561	chr4	48180129	48193541	+	0.013002
Stx17	MmuINT0154562	chr4	48193629	48194370	+	0.00914
Stx18	MmuINT0154563	chr5	38430739	38483751	+	0.01512

Stx18	MmuINT0154564	chr5	38526542	38527501	+	0.033324
Stx18	MmuINT0154565	chr5	38483820	38496116	+	0.01356
Stx18	MmuINT0154566	chr5	38496233	38497802	+	0.021433
Stx18	MmuINT0154567	chr5	38497881	38498064	+	0.02681
Stx18	MmuINT0154568	chr5	38498132	38507323	+	0.024049
Stx18	MmuINT0154569	chr5	38507437	38512449	+	0.030332
Stx18	MmuINT0154570	chr5	38512539	38518170	+	0.02588
Stx18	MmuINT0154571	chr5	38518230	38519282	+	0.017714
Stx18	MmuINT0154572	chr5	38519353	38526460	+	0.020189
Stx1a	MmuINT0154580	chr5	1.36E+08	1.36E+08	+	0.190112
Stx1a	MmuINT0154581	chr5	1.36E+08	1.36E+08	+	0.953216
Stx2	MmuINT0154593	chr5	1.29E+08	1.29E+08	-	0.175697
Stx2	MmuINT0154594	chr5	1.3E+08	1.3E+08	-	0.037855
Stx2	MmuINT0154595	chr5	1.3E+08	1.3E+08	-	0.025325
Stx2	MmuINT0154596	chr5	1.29E+08	1.3E+08	-	0.061429
Stx2	MmuINT0154597	chr5	1.29E+08	1.29E+08	-	0.085115
Stx2	MmuINT0154598	chr5	1.29E+08	1.29E+08	-	0.224001
Stx2	MmuINT0154599	chr5	1.29E+08	1.29E+08	-	0.038213
Stx2	MmuINT0154600	chr5	1.29E+08	1.29E+08	-	0.185075
Stx2	MmuINT0154601	chr5	1.29E+08	1.29E+08	-	0.133237
Stx3	MmuINT0154607	chr19	11853664	11856056	-	0.494736
Stx3	MmuINT0154608	chr19	11866336	11877983	-	0.042469
Stx3	MmuINT0154609	chr19	11864122	11866235	-	0.111864
Stx3	MmuINT0154610	chr19	11862727	11864046	-	0.140105
Stx3	MmuINT0154611	chr19	11861124	11862658	-	0.063601
Stx3	MmuINT0154612	chr19	11860249	11861014	-	0.037907
Stx3	MmuINT0154613	chr19	11860015	11860174	-	0.050158
Stx3	MmuINT0154614	chr19	11857627	11859879	-	0.090995
Stx3	MmuINT0154615	chr19	11856171	11857515	-	0.060008
Stx4a	MmuINT0154616	chr7	1.35E+08	1.35E+08	+	0.022031
Stx4a	MmuINT0154617	chr7	1.35E+08	1.35E+08	+	0.186177
Stx4a	MmuINT0154618	chr7	1.35E+08	1.35E+08	+	0.011697
Stx4a	MmuINT0154619	chr7	1.35E+08	1.35E+08	+	0.006623
Stx4a	MmuINT0154620	chr7	1.35E+08	1.35E+08	+	0.007696
Stx4a	MmuINT0154621	chr7	1.35E+08	1.35E+08	+	0.009502
Stx4a	MmuINT0154622	chr7	1.35E+08	1.35E+08	+	0.022782
Stx4a	MmuINT0154623	chr7	1.35E+08	1.35E+08	+	0.014657
Stx4a	MmuINT0154624	chr7	1.35E+08	1.35E+08	+	0.010486
Stx4a	MmuINT0154625	chr7	1.35E+08	1.35E+08	+	0.155844
Stx5a	MmuINT0154626	chr19	8824518	8829398	+	0.037054
Stx5a	MmuINT0154627	chr19	8816988	8817343	+	0.05671
Stx5a	MmuINT0154628	chr19	8817415	8817569	+	0.087724
Stx5a	MmuINT0154629	chr19	8817626	8817842	+	0.161649
Stx5a	MmuINT0154630	chr19	8817914	8822950	+	0.192319
Stx5a	MmuINT0154631	chr19	8823068	8823144	+	0.070072
Stx5a	MmuINT0154632	chr19	8823202	8823296	+	0.239298
Stx5a	MmuINT0154633	chr19	8823379	8824155	+	0.216637
Stx5a	MmuINT0154634	chr19	8824263	8824395	+	0.02339
Stx6	MmuINT0154635	chr1	1.57E+08	1.57E+08	+	0.019034
Stx6	MmuINT0154636	chr1	1.57E+08	1.57E+08	+	0.0318

Stx6	MmuINT0154637	chr1	1.57E+08	1.57E+08	+	0.039231
Stx6	MmuINT0154638	chr1	1.57E+08	1.57E+08	+	0.01299
Stx6	MmuINT0154639	chr1	1.57E+08	1.57E+08	+	0.011776
Stx6	MmuINT0154640	chr1	1.57E+08	1.57E+08	+	0.067833
Stx6	MmuINT0154641	chr1	1.57E+08	1.57E+08	+	0.05762
Stx7	MmuINT0154643	chr10	23875191	23896971	+	0.00367
Stx7	MmuINT0154644	chr10	23897042	23898922	+	0.007051
Stx7	MmuINT0154645	chr10	23899017	23899731	+	0.008446
Stx7	MmuINT0154646	chr10	23899870	23900668	+	0.008484
Stx7	MmuINT0154647	chr10	23900722	23901323	+	0.004983
Stx7	MmuINT0154648	chr10	23901421	23902574	+	0.013226
Stx7	MmuINT0154649	chr10	23902648	23904792	+	0.031977
Stx7	MmuINT0154650	chr10	23904876	23907433	+	0.009108
Stx8	MmuINT0154651	chr11	67780020	67783273	+	0.012831
Stx8	MmuINT0154652	chr11	67783374	67786734	+	0.00788
Stx8	MmuINT0154653	chr11	67786830	67798064	+	0.027364
Stx8	MmuINT0154654	chr11	67798176	67824816	+	0.003986
Stx8	MmuINT0154655	chr11	67824942	67834407	+	0.004631
Stx8	MmuINT0154656	chr11	67834501	67922778	+	0.005116
Stx8	MmuINT0154657	chr11	67922881	68017207	+	0.005173
Stxbp1	MmuINT0154660	chr2	32679106	32702574	-	0.033348
Stxbp1	MmuINT0154661	chr2	32663583	32664620	-	0.02998
Stxbp1	MmuINT0154662	chr2	32662307	32663521	-	0.032
Stxbp1	MmuINT0154663	chr2	32661670	32662240	-	0.035422
Stxbp1	MmuINT0154664	chr2	32658413	32661588	-	0.026767
Stxbp1	MmuINT0154665	chr2	32657450	32658273	-	0.022398
Stxbp1	MmuINT0154666	chr2	32656202	32657339	-	0.018915
Stxbp1	MmuINT0154667	chr2	32653711	32656099	-	0.03566
Stxbp1	MmuINT0154668	chr2	32651691	32653624	-	0.039753
Stxbp1	MmuINT0154669	chr2	32645158	32651535	-	0.108253
Stxbp1	MmuINT0154670	chr2	32677437	32679055	-	0.029734
Stxbp1	MmuINT0154671	chr2	32675431	32677354	-	0.029413
Stxbp1	MmuINT0154672	chr2	32674026	32675353	-	0.0244
Stxbp1	MmuINT0154673	chr2	32672910	32673946	-	0.025127
Stxbp1	MmuINT0154674	chr2	32670548	32672805	-	0.037528
Stxbp1	MmuINT0154675	chr2	32667626	32670398	-	0.024684
Stxbp1	MmuINT0154676	chr2	32666756	32667540	-	0.020046
Stxbp1	MmuINT0154677	chr2	32664729	32666624	-	0.021068
Stxbp2	MmuINT0154681	chr8	3636422	3636493	+	0.114001
Stxbp2	MmuINT0154682	chr8	3636575	3637115	+	0.063538
Stxbp2	MmuINT0154683	chr8	3637255	3639507	+	0.056384
Stxbp2	MmuINT0154684	chr8	3639618	3641110	+	0.542842
Stxbp2	MmuINT0154686	chr8	3641821	3641897	+	0.067231
Stxbp2	MmuINT0154687	chr8	3642056	3642645	+	0.234418
Stxbp2	MmuINT0154690	chr8	3633368	3633847	+	0.083972
Stxbp2	MmuINT0154692	chr8	3634124	3634474	+	0.209434
Stxbp2	MmuINT0154693	chr8	3634624	3635445	+	0.336195
Stxbp2	MmuINT0154694	chr8	3635531	3635615	+	0.052572
Stxbp2	MmuINT0154695	chr8	3635747	3635831	+	0.051365
Stxbp3a	MmuINT0154696	chr3	1.09E+08	1.09E+08	-	0.011649

Stxbp3a	MmuINT0154697	chr3	1.09E+08	1.09E+08	-	0.023522
Stxbp3a	MmuINT0154698	chr3	1.09E+08	1.09E+08	-	0.028491
Stxbp3a	MmuINT0154699	chr3	1.09E+08	1.09E+08	-	0.02899
Stxbp3a	MmuINT0154700	chr3	1.09E+08	1.09E+08	-	0.031655
Stxbp3a	MmuINT0154701	chr3	1.09E+08	1.09E+08	-	0.030154
Stxbp3a	MmuINT0154702	chr3	1.09E+08	1.09E+08	-	0.058007
Stxbp3a	MmuINT0154703	chr3	1.09E+08	1.09E+08	-	0.022687
Stxbp3a	MmuINT0154704	chr3	1.09E+08	1.09E+08	-	0.023857
Stxbp3a	MmuINT0154705	chr3	1.09E+08	1.09E+08	-	0.035497
Stxbp3a	MmuINT0154706	chr3	1.09E+08	1.09E+08	-	0.005903
Stxbp4	MmuINT0154716	chr11	90433102	90436563	-	0.070602
Stxbp4	MmuINT0154725	chr11	90468766	90480496	-	0.062387
Stxbp5	MmuINT0154732	chr10	9536122	9537103	-	0.037196
Stxbp5	MmuINT0154733	chr10	9532206	9536048	-	0.038123
Stxbp5	MmuINT0154734	chr10	9531831	9532057	-	0.041075
Stxbp5	MmuINT0154735	chr10	9531507	9531762	-	0.058911
Stxbp5	MmuINT0154738	chr10	9519867	9528217	-	0.038914
Stxbp5	MmuINT0154739	chr10	9518072	9519740	-	0.026752
Stxbp5	MmuINT0154740	chr10	9509227	9517919	-	0.053234
Stxbp5	MmuINT0154743	chr10	9490488	9497818	-	0.035312
Stxbp5	MmuINT0154744	chr10	9489509	9490247	-	0.021708
Stxbp5	MmuINT0154745	chr10	9488794	9489138	-	0.019979
Stxbp5	MmuINT0154746	chr10	9487068	9488627	-	0.033519
Stxbp5	MmuINT0154747	chr10	9482764	9486955	-	0.052694
Stxbp5	MmuINT0154748	chr10	9480753	9482542	-	0.023944
Stxbp5	MmuINT0154749	chr10	9584912	9586410	-	0.040244
Stxbp5	MmuINT0154752	chr10	9557959	9561668	-	0.052453
Stxbp5	MmuINT0154754	chr10	9545247	9555631	-	0.03109
Stxbp5	MmuINT0154755	chr10	9537259	9545167	-	0.056499
Stxbp6	MmuINT0154786	chr12	46003978	46120453	-	0.039875
Stxbp6	MmuINT0154787	chr12	46003027	46003846	-	0.030537
Stxbp6	MmuINT0154788	chr12	45962370	46002860	-	0.04315
Stxbp6	MmuINT0154789	chr12	45956865	45962211	-	0.0388
Sub1	MmuINT0154816	chr15	11923617	11925705	-	0.003107
Sub1	MmuINT0154817	chr15	11920837	11923543	-	0.001566
Sub1	MmuINT0154818	chr15	11916320	11920713	-	0.001588
Sub1	MmuINT0154819	chr15	11914053	11916210	-	0.001442
Sucla2	MmuINT0154820	chr14	73952705	73960247	+	0.000266
Sucla2	MmuINT0154821	chr14	73993573	73995180	+	0.000315
Sucla2	MmuINT0154822	chr14	73960429	73968440	+	0.000255
Sucla2	MmuINT0154823	chr14	73968541	73968668	+	0.000161
Sucla2	MmuINT0154824	chr14	73968832	73979162	+	0.000297
Sucla2	MmuINT0154825	chr14	73979292	73981485	+	0.000412
Sucla2	MmuINT0154826	chr14	73981625	73990563	+	0.0008
Sucla2	MmuINT0154827	chr14	73990726	73990816	+	0.000175
Sucla2	MmuINT0154828	chr14	73990960	73992438	+	0.000224
Sucla2	MmuINT0154829	chr14	73992560	73993483	+	0.000258
Suclg1	MmuINT0154830	chr6	73198748	73206164	+	0.000883
Suclg1	MmuINT0154831	chr6	73206269	73210468	+	0.000463
Suclg1	MmuINT0154832	chr6	73210586	73213801	+	0.000585

Suclg1	MmuINT0154833	chr6	73214015	73214223	+	0.001323
Suclg1	MmuINT0154834	chr6	73214282	73219308	+	0.001569
Suclg1	MmuINT0154835	chr6	73219393	73220964	+	0.000826
Suclg1	MmuINT0154836	chr6	73221117	73225194	+	0.001372
Suclg1	MmuINT0154837	chr6	73225384	73226675	+	0.002126
Suclg2	MmuINT0154838	chr6	95605594	95668682	-	0.000486
Suds3	MmuINT0154849	chr5	1.18E+08	1.18E+08	-	0.016165
Suds3	MmuINT0154850	chr5	1.18E+08	1.18E+08	-	0.011541
Suds3	MmuINT0154851	chr5	1.18E+08	1.18E+08	-	0.005946
Suds3	MmuINT0154852	chr5	1.18E+08	1.18E+08	-	0.807396
Suds3	MmuINT0154853	chr5	1.18E+08	1.18E+08	-	0.009373
Suds3	MmuINT0154854	chr5	1.18E+08	1.18E+08	-	0.003789
Suds3	MmuINT0154855	chr5	1.18E+08	1.18E+08	-	0.002497
Suds3	MmuINT0154856	chr5	1.18E+08	1.18E+08	-	0.006526
Suds3	MmuINT0154857	chr5	1.18E+08	1.18E+08	-	0.003872
Suds3	MmuINT0154858	chr5	1.18E+08	1.18E+08	-	0.003006
Suds3	MmuINT0154859	chr5	1.18E+08	1.18E+08	-	0.018357
Suds3	MmuINT0154860	chr5	1.18E+08	1.18E+08	-	0.026515
Sufu	MmuINT0154861	chr19	46471775	46475613	+	0.025
Sufu	MmuINT0154862	chr19	46550137	46558089	+	0.412274
Sufu	MmuINT0154863	chr19	46558159	46560344	+	0.113097
Sufu	MmuINT0154864	chr19	46475749	46499488	+	0.026805
Sufu	MmuINT0154865	chr19	46499626	46524318	+	0.035814
Sufu	MmuINT0154866	chr19	46524462	46525068	+	0.028316
Sufu	MmuINT0154867	chr19	46525155	46525380	+	0.052321
Sufu	MmuINT0154868	chr19	46525454	46527648	+	0.061228
Sufu	MmuINT0154869	chr19	46529337	46548061	+	0.050455
Sufu	MmuINT0154870	chr19	46548197	46549997	+	0.121091
Sugp1	MmuINT0154871	chr8	72566980	72572407	+	0.015938
Sugp1	MmuINT0154872	chr8	72594073	72594229	+	0.006242
Sugp1	MmuINT0154873	chr8	72594337	72595012	+	0.008317
Sugp1	MmuINT0154874	chr8	72595159	72595420	+	0.045756
Sugp1	MmuINT0154875	chr8	72595551	72595704	+	0.011753
Sugp1	MmuINT0154876	chr8	72572580	72576489	+	0.00903
Sugp1	MmuINT0154877	chr8	72576591	72580284	+	0.008012
Sugp1	MmuINT0154878	chr8	72580504	72583180	+	0.017861
Sugp1	MmuINT0154879	chr8	72583305	72583651	+	0.017707
Sugp1	MmuINT0154880	chr8	72583753	72584434	+	0.062662
Sugp1	MmuINT0154881	chr8	72584559	72588735	+	0.003656
Sugp1	MmuINT0154882	chr8	72589098	72593350	+	0.036229
Sugp1	MmuINT0154883	chr8	72593458	72593894	+	0.004997
Sugp2	MmuINT0154885	chr8	72760694	72766389	+	0.009157
Sugp2	MmuINT0154886	chr8	72767956	72772324	+	0.006344
Sugp2	MmuINT0154887	chr8	72772446	72775512	+	0.009367
Sugp2	MmuINT0154888	chr8	72776001	72777477	+	0.009093
Sugp2	MmuINT0154889	chr8	72777590	72781028	+	0.014306
Sugp2	MmuINT0154890	chr8	72781514	72782841	+	0.077198
Sugp2	MmuINT0154891	chr8	72782904	72783581	+	0.034177
Sugt1	MmuINT0154892	chr14	79987674	79987760	+	0.003397
Sugt1	MmuINT0154893	chr14	80010155	80019515	+	0.004207



Sugt1	MmuINT0154894	chr14	80019607	80024647	+	0.003988
Sugt1	MmuINT0154895	chr14	80024830	80028658	+	0.011988
Sugt1	MmuINT0154896	chr14	79987819	79995175	+	0.005207
Sugt1	MmuINT0154897	chr14	79995267	79996554	+	0.000333
Sugt1	MmuINT0154898	chr14	79996625	79997202	+	0.004575
Sugt1	MmuINT0154899	chr14	79997274	80002653	+	0.004386
Sugt1	MmuINT0154900	chr14	80002708	80003276	+	0.005664
Sugt1	MmuINT0154902	chr14	80007085	80008762	+	0.002714
Sugt1	MmuINT0154903	chr14	80008860	80010046	+	0.004659
Sulf1	MmuINT0154907	chr1	12810611	12810875	+	0.0518
Sulf1	MmuINT0154908	chr1	12810933	12812050	+	0.073439
Sulf1	MmuINT0154909	chr1	12812181	12826193	+	0.043268
Sulf1	MmuINT0154910	chr1	12826411	12828439	+	0.033725
Sulf1	MmuINT0154911	chr1	12828693	12829909	+	0.044656
Sulf1	MmuINT0154912	chr1	12830007	12830483	+	0.045714
Sulf1	MmuINT0154913	chr1	12830579	12831523	+	0.103023
Sulf1	MmuINT0154914	chr1	12831590	12832729	+	0.05985
Sulf1	MmuINT0154915	chr1	12832906	12838175	+	0.040955
Sulf1	MmuINT0154916	chr1	12838319	12838411	+	0.035346
Sulf1	MmuINT0154918	chr1	12838536	12840840	+	0.029472
Sulf1	MmuINT0154919	chr1	12840875	12848892	+	0.047964
Sulf1	MmuINT0154921	chr1	12776780	12786846	+	0.05883
Sulf1	MmuINT0154922	chr1	12787087	12795260	+	0.046183
Sulf1	MmuINT0154924	chr1	12798105	12807418	+	0.045177
Sulf1	MmuINT0154925	chr1	12807570	12808458	+	0.044358
Sulf1	MmuINT0154926	chr1	12808635	12810481	+	0.055525
Sulf2	MmuINT0154928	chr2	1.66E+08	1.66E+08	-	0.059375
Sulf2	MmuINT0154929	chr2	1.66E+08	1.66E+08	-	0.088898
Sulf2	MmuINT0154930	chr2	1.66E+08	1.66E+08	-	0.045947
Sulf2	MmuINT0154931	chr2	1.66E+08	1.66E+08	-	0.145521
Sulf2	MmuINT0154932	chr2	1.66E+08	1.66E+08	-	0.040683
Sulf2	MmuINT0154933	chr2	1.66E+08	1.66E+08	-	0.008516
Sulf2	MmuINT0154934	chr2	1.66E+08	1.66E+08	-	0.005804
Sulf2	MmuINT0154935	chr2	1.66E+08	1.66E+08	-	0.014293
Sulf2	MmuINT0154936	chr2	1.66E+08	1.66E+08	-	0.028296
Sulf2	MmuINT0154937	chr2	1.66E+08	1.66E+08	-	0.037902
Sulf2	MmuINT0154938	chr2	1.66E+08	1.66E+08	-	0.005164
Sulf2	MmuINT0154939	chr2	1.66E+08	1.66E+08	-	0.020653
Sulf2	MmuINT0154940	chr2	1.66E+08	1.66E+08	-	0.009685
Sulf2	MmuINT0154941	chr2	1.66E+08	1.66E+08	-	0.006835
Sulf2	MmuINT0154942	chr2	1.66E+08	1.66E+08	-	0.00687
Sulf2	MmuINT0154943	chr2	1.66E+08	1.66E+08	-	0.036622
Sulf2	MmuINT0154944	chr2	1.66E+08	1.66E+08	-	0.043788
Sulf2	MmuINT0154945	chr2	1.66E+08	1.66E+08	-	0.069511
Sulf2	MmuINT0154946	chr2	1.66E+08	1.66E+08	-	0.072335
Sult1a1	MmuINT0154947	chr7	1.34E+08	1.34E+08	-	0.01111
Sult1a1	MmuINT0154948	chr7	1.34E+08	1.34E+08	-	0.180027
Sult1a1	MmuINT0154949	chr7	1.34E+08	1.34E+08	-	0.050451
Sult1a1	MmuINT0154950	chr7	1.34E+08	1.34E+08	-	0.106159
Sumf1	MmuINT0155045	chr6	1.08E+08	1.08E+08	-	0.018367

Sumf1	MmuINT0155046	chr6	1.08E+08	1.08E+08	-	0.024475
Sumf1	MmuINT0155047	chr6	1.08E+08	1.08E+08	-	0.026328
Sumf1	MmuINT0155048	chr6	1.08E+08	1.08E+08	-	0.020164
Sumf1	MmuINT0155049	chr6	1.08E+08	1.08E+08	-	0.01362
Sumf1	MmuINT0155050	chr6	1.08E+08	1.08E+08	-	0.021598
Sumf1	MmuINT0155051	chr6	1.08E+08	1.08E+08	-	0.018396
Sumf1	MmuINT0155052	chr6	1.08E+08	1.08E+08	-	0.020667
Sumf2	MmuINT0155053	chr5	1.3E+08	1.3E+08	+	0.067713
Sumf2	MmuINT0155054	chr5	1.3E+08	1.3E+08	+	0.030167
Sumf2	MmuINT0155055	chr5	1.3E+08	1.3E+08	+	0.046335
Sumf2	MmuINT0155056	chr5	1.3E+08	1.3E+08	+	0.055802
Sumf2	MmuINT0155057	chr5	1.3E+08	1.3E+08	+	0.040872
Sumf2	MmuINT0155058	chr5	1.3E+08	1.3E+08	+	0.068748
Sumf2	MmuINT0155059	chr5	1.3E+08	1.3E+08	+	0.032759
Sumf2	MmuINT0155060	chr5	1.3E+08	1.3E+08	+	0.152077
Sumo1	MmuINT0155061	chr1	59712377	59727523	-	0.00193
Sumo3	MmuINT0155068	chr10	77069087	77072556	+	0.00528
Sumo3	MmuINT0155070	chr10	77076797	77078892	+	0.023903
Sun1	MmuINT0155071	chr5	1.4E+08	1.4E+08	+	0.014172
Sun1	MmuINT0155072	chr5	1.4E+08	1.4E+08	+	0.009496
Sun1	MmuINT0155073	chr5	1.4E+08	1.4E+08	+	0.017762
Sun1	MmuINT0155074	chr5	1.4E+08	1.4E+08	+	0.010046
Sun1	MmuINT0155075	chr5	1.4E+08	1.4E+08	+	0.005467
Sun1	MmuINT0155076	chr5	1.4E+08	1.4E+08	+	0.018488
Sun1	MmuINT0155077	chr5	1.4E+08	1.4E+08	+	0.036962
Sun1	MmuINT0155078	chr5	1.4E+08	1.4E+08	+	0.018297
Sun1	MmuINT0155079	chr5	1.4E+08	1.4E+08	+	0.011892
Sun1	MmuINT0155080	chr5	1.4E+08	1.4E+08	+	0.006814
Sun1	MmuINT0155081	chr5	1.4E+08	1.4E+08	+	0.022913
Sun1	MmuINT0155082	chr5	1.4E+08	1.4E+08	+	0.011065
Sun1	MmuINT0155083	chr5	1.4E+08	1.4E+08	+	0.023467
Sun1	MmuINT0155084	chr5	1.4E+08	1.4E+08	+	0.042547
Sun1	MmuINT0155085	chr5	1.4E+08	1.4E+08	+	0.006154
Sun1	MmuINT0155086	chr5	1.4E+08	1.4E+08	+	0.007668
Sun1	MmuINT0155087	chr5	1.4E+08	1.4E+08	+	0.017046
Sun1	MmuINT0155088	chr5	1.4E+08	1.4E+08	+	0.009354
Sun1	MmuINT0155089	chr5	1.4E+08	1.4E+08	+	0.190265
Sun1	MmuINT0155090	chr5	1.4E+08	1.4E+08	+	0.273373
Sun1	MmuINT0155091	chr5	1.4E+08	1.4E+08	+	0.09217
Sun1	MmuINT0155092	chr5	1.4E+08	1.4E+08	+	0.079538
Sun2	MmuINT0155093	chr15	79570312	79572768	-	0.055179
Sun2	MmuINT0155094	chr15	79559012	79559462	-	0.007006
Sun2	MmuINT0155095	chr15	79558515	79558845	-	0.041015
Sun2	MmuINT0155096	chr15	79558031	79558292	-	0.020111
Sun2	MmuINT0155097	chr15	79557597	79557945	-	0.008067
Sun2	MmuINT0155098	chr15	79557389	79557480	-	0.008672
Sun2	MmuINT0155099	chr15	79557065	79557220	-	0.004446
Sun2	MmuINT0155100	chr15	79555991	79556971	-	0.011205
Sun2	MmuINT0155101	chr15	79569441	79570150	-	0.004047
Sun2	MmuINT0155102	chr15	79569091	79569249	-	0.003096

Sun2	MmuINT0155104	chr15	79566356	79567495	-	0.061942
Sun2	MmuINT0155105	chr15	79564666	79566275	-	0.018075
Sun2	MmuINT0155106	chr15	79560775	79564537	-	0.025266
Sun2	MmuINT0155107	chr15	79559989	79560519	-	0.018367
Sun2	MmuINT0155108	chr15	79559507	79559910	-	0.012997
Suox	MmuINT0155127	chr10	1.28E+08	1.28E+08	-	0.02004
Suox	MmuINT0155128	chr10	1.28E+08	1.28E+08	-	0.006537
Suox	MmuINT0155129	chr10	1.28E+08	1.28E+08	-	0.007805
Supt16h	MmuINT0155130	chr14	52803696	52816759	-	0.017673
Supt16h	MmuINT0155131	chr14	52796896	52797718	-	0.013513
Supt16h	MmuINT0155133	chr14	52796401	52796623	-	0.030077
Supt16h	MmuINT0155134	chr14	52796189	52796284	-	0.058278
Supt16h	MmuINT0155135	chr14	52795045	52796034	-	0.030193
Supt16h	MmuINT0155136	chr14	52793807	52794916	-	0.014944
Supt16h	MmuINT0155137	chr14	52793579	52793670	-	0.014836
Supt16h	MmuINT0155138	chr14	52793265	52793451	-	0.014347
Supt16h	MmuINT0155139	chr14	52792249	52793145	-	0.016393
Supt16h	MmuINT0155140	chr14	52791826	52792122	-	0.013159
Supt16h	MmuINT0155141	chr14	52802858	52803602	-	0.020775
Supt16h	MmuINT0155142	chr14	52791177	52791712	-	0.020769
Supt16h	MmuINT0155143	chr14	52790672	52791100	-	0.020257
Supt16h	MmuINT0155144	chr14	52784227	52790501	-	0.017194
Supt16h	MmuINT0155145	chr14	52782989	52784096	-	0.030191
Supt16h	MmuINT0155146	chr14	52782440	52782858	-	0.072621
Supt16h	MmuINT0155147	chr14	52781498	52782361	-	0.062821
Supt16h	MmuINT0155148	chr14	52801985	52802686	-	0.011505
Supt16h	MmuINT0155149	chr14	52801359	52801831	-	0.015307
Supt16h	MmuINT0155150	chr14	52800844	52801211	-	0.018885
Supt16h	MmuINT0155151	chr14	52799949	52800691	-	0.018017
Supt16h	MmuINT0155152	chr14	52799240	52799775	-	0.020458
Supt16h	MmuINT0155153	chr14	52798033	52799148	-	0.025566
Supt16h	MmuINT0155154	chr14	52797832	52797958	-	0.018625
Supt3h	MmuINT0155155	chr17	44914378	44923558	+	0.01724
Supt3h	MmuINT0155156	chr17	45178336	45185230	+	0.016843
Supt3h	MmuINT0155157	chr17	45185342	45256091	+	0.01625
Supt3h	MmuINT0155158	chr17	44923660	45060127	+	0.016647
Supt3h	MmuINT0155159	chr17	45060213	45128682	+	0.014598
Supt3h	MmuINT0155160	chr17	45128770	45131265	+	0.01237
Supt3h	MmuINT0155161	chr17	45131357	45140038	+	0.008635
Supt3h	MmuINT0155162	chr17	45140179	45170186	+	0.00986
Supt3h	MmuINT0155163	chr17	45170263	45173660	+	0.011009
Supt3h	MmuINT0155164	chr17	45173774	45175024	+	0.009778
Supt3h	MmuINT0155165	chr17	45175133	45178164	+	0.01006
Supt5h	MmuINT0155170	chr7	29123455	29123713	-	0.032051
Supt5h	MmuINT0155171	chr7	29111221	29113721	-	0.005812
Supt5h	MmuINT0155172	chr7	29109002	29110968	-	0.024495
Supt5h	MmuINT0155173	chr7	29108816	29108911	-	0.004048
Supt5h	MmuINT0155174	chr7	29107589	29108744	-	0.018835
Supt5h	MmuINT0155175	chr7	29107333	29107482	-	0.014679
Supt5h	MmuINT0155176	chr7	29107159	29107238	-	0.008317

Supt5h	MmuINT0155177	chr7	29105395	29107021	-	0.016821
Supt5h	MmuINT0155178	chr7	29105133	29105238	-	0.005976
Supt5h	MmuINT0155179	chr7	29104121	29104985	-	0.026505
Supt5h	MmuINT0155180	chr7	29103884	29103973	-	0.007061
Supt5h	MmuINT0155181	chr7	29116549	29123370	-	0.004517
Supt5h	MmuINT0155182	chr7	29102841	29103757	-	0.034353
Supt5h	MmuINT0155183	chr7	29102520	29102755	-	0.024798
Supt5h	MmuINT0155184	chr7	29102338	29102411	-	0.044417
Supt5h	MmuINT0155185	chr7	29102133	29102234	-	0.009941
Supt5h	MmuINT0155186	chr7	29101909	29102004	-	0.005049
Supt5h	MmuINT0155187	chr7	29101461	29101802	-	0.033108
Supt5h	MmuINT0155188	chr7	29101197	29101301	-	0.021308
Supt5h	MmuINT0155189	chr7	29100946	29101027	-	0.010744
Supt5h	MmuINT0155190	chr7	29100464	29100741	-	0.014459
Supt5h	MmuINT0155191	chr7	29100290	29100367	-	0.009082
Supt5h	MmuINT0155192	chr7	29115665	29116388	-	0.00357
Supt5h	MmuINT0155194	chr7	29114672	29115036	-	0.10136
Supt5h	MmuINT0155195	chr7	29114504	29114601	-	0.006291
Supt5h	MmuINT0155196	chr7	29114344	29114434	-	0.018756
Supt5h	MmuINT0155197	chr7	29114070	29114277	-	0.013117
Supt5h	MmuINT0155198	chr7	29113791	29114038	-	0.013021
Supt6h	MmuINT0155199	chr11	78047186	78059049	-	0.009574
Supt6h	MmuINT0155200	chr11	78042274	78042455	-	0.011203
Supt6h	MmuINT0155201	chr11	78040542	78042130	-	0.010705
Supt6h	MmuINT0155202	chr11	78040276	78040392	-	0.011062
Supt6h	MmuINT0155203	chr11	78039812	78040176	-	0.009956
Supt6h	MmuINT0155204	chr11	78039600	78039681	-	0.013352
Supt6h	MmuINT0155205	chr11	78039321	78039448	-	0.008328
Supt6h	MmuINT0155206	chr11	78039005	78039165	-	0.010252
Supt6h	MmuINT0155207	chr11	78038238	78038808	-	0.007316
Supt6h	MmuINT0155208	chr11	78037986	78038097	-	0.011493
Supt6h	MmuINT0155209	chr11	78036733	78037867	-	0.013842
Supt6h	MmuINT0155210	chr11	78046336	78047046	-	0.024705
Supt6h	MmuINT0155211	chr11	78036408	78036655	-	0.020416
Supt6h	MmuINT0155212	chr11	78035988	78036271	-	0.011022
Supt6h	MmuINT0155213	chr11	78035780	78035849	-	0.010676
Supt6h	MmuINT0155214	chr11	78034751	78035611	-	0.009612
Supt6h	MmuINT0155215	chr11	78033593	78034622	-	0.05842
Supt6h	MmuINT0155216	chr11	78032818	78033384	-	0.01459
Supt6h	MmuINT0155217	chr11	78031486	78032669	-	0.008834
Supt6h	MmuINT0155218	chr11	78029848	78031342	-	0.008099
Supt6h	MmuINT0155220	chr11	78026410	78026768	-	0.006352
Supt6h	MmuINT0155221	chr11	78046084	78046176	-	0.009446
Supt6h	MmuINT0155222	chr11	78025699	78026170	-	0.008869
Supt6h	MmuINT0155223	chr11	78025424	78025584	-	0.015104
Supt6h	MmuINT0155224	chr11	78023039	78025298	-	0.048064
Supt6h	MmuINT0155225	chr11	78022682	78022925	-	0.012
Supt6h	MmuINT0155226	chr11	78022521	78022603	-	0.012209
Supt6h	MmuINT0155227	chr11	78021740	78022353	-	0.010469
Supt6h	MmuINT0155228	chr11	78021272	78021551	-	0.013033

Supt6h	MmuINT0155229	chr11	78045713	78046006	-	0.008518
Supt6h	MmuINT0155230	chr11	78045360	78045519	-	0.016733
Supt6h	MmuINT0155231	chr11	78044704	78045274	-	0.011069
Supt6h	MmuINT0155232	chr11	78043770	78044429	-	0.014494
Supt6h	MmuINT0155233	chr11	78043016	78043667	-	0.011999
Supt6h	MmuINT0155234	chr11	78042546	78042898	-	0.012008
Supt7l	MmuINT0155235	chr5	31825635	31828987	-	0.036247
Supt7l	MmuINT0155236	chr5	31822781	31825026	-	0.051662
Supt7l	MmuINT0155237	chr5	31820878	31822455	-	0.022601
Supt7l	MmuINT0155238	chr5	31818300	31820639	-	0.02344
Supv3l1	MmuINT0155239	chr10	61910522	61912162	-	0.013726
Supv3l1	MmuINT0155240	chr10	61897363	61898206	-	0.01113
Supv3l1	MmuINT0155241	chr10	61895881	61897142	-	0.009402
Supv3l1	MmuINT0155242	chr10	61895214	61895799	-	0.012662
Supv3l1	MmuINT0155243	chr10	61893368	61895036	-	0.052942
Supv3l1	MmuINT0155244	chr10	61892583	61893218	-	0.006646
Supv3l1	MmuINT0155245	chr10	61909880	61910443	-	0.00848
Supv3l1	MmuINT0155246	chr10	61907902	61909771	-	0.008219
Supv3l1	MmuINT0155247	chr10	61906312	61907786	-	0.004497
Supv3l1	MmuINT0155248	chr10	61903995	61906142	-	0.044484
Supv3l1	MmuINT0155249	chr10	61901800	61903882	-	0.021918
Supv3l1	MmuINT0155250	chr10	61900274	61901721	-	0.009107
Supv3l1	MmuINT0155251	chr10	61898575	61900181	-	0.01173
Supv3l1	MmuINT0155252	chr10	61898301	61898393	-	0.008929
Surf1	MmuINT0155253	chr2	26771527	26771776	-	0.018922
Surf1	MmuINT0155254	chr2	26771250	26771474	-	0.079524
Surf1	MmuINT0155255	chr2	26771035	26771115	-	0.014717
Surf1	MmuINT0155256	chr2	26770416	26770951	-	0.022511
Surf1	MmuINT0155257	chr2	26769768	26770226	-	0.020349
Surf1	MmuINT0155258	chr2	26769596	26769694	-	0.013855
Surf1	MmuINT0155259	chr2	26769179	26769432	-	0.030632
Surf1	MmuINT0155260	chr2	26769026	26769096	-	0.536234
Surf2	MmuINT0155261	chr2	26772380	26772947	+	0.009805
Surf2	MmuINT0155262	chr2	26773052	26774392	+	0.301309
Surf2	MmuINT0155263	chr2	26774576	26774711	+	0.044885
Surf2	MmuINT0155264	chr2	26774879	26775246	+	0.030495
Surf4	MmuINT0155265	chr2	26782476	26788794	-	0.003113
Surf4	MmuINT0155266	chr2	26781205	26782288	-	0.003047
Surf4	MmuINT0155267	chr2	26780517	26781127	-	0.004407
Surf4	MmuINT0155268	chr2	26780052	26780472	-	0.003743
Surf4	MmuINT0155269	chr2	26777692	26779864	-	0.005184
Surf6	MmuINT0155270	chr2	26755453	26758213	-	0.020893
Surf6	MmuINT0155271	chr2	26754946	26755248	-	0.014938
Surf6	MmuINT0155272	chr2	26748588	26754856	-	0.027612
Surf6	MmuINT0155273	chr2	26748246	26748386	-	0.034336
Susd3	MmuINT0155308	chr13	49326701	49332792	-	0.102609
Suv39h1	MmuINT0155321	chrX	7648377	7649448	-	0.051458
Suv39h1	MmuINT0155322	chrX	7641184	7647713	-	0.1778
Suv39h1	MmuINT0155323	chrX	7640952	7641036	-	0.087595
Suv39h1	MmuINT0155324	chrX	7640110	7640821	-	0.047612

Suv39h2	MmuINT0155328	chr2	3376002	3377028	-	0.465182
Suv420h1	MmuINT0155330	chr19	3767731	3768021	+	0.814593
Suv420h1	MmuINT0155331	chr19	3802241	3802787	+	0.010676
Suv420h1	MmuINT0155332	chr19	3802898	3804394	+	0.022731
Suv420h1	MmuINT0155333	chr19	3804562	3804813	+	0.058482
Suv420h1	MmuINT0155339	chr19	3786628	3793067	+	0.016793
Suv420h1	MmuINT0155340	chr19	3793216	3796639	+	0.021875
Suv420h1	MmuINT0155341	chr19	3796709	3802074	+	0.014679
Suv420h2	MmuINT0155346	chr7	4693584	4693723	+	0.057329
Suv420h2	MmuINT0155347	chr7	4693890	4694220	+	0.390352
Suv420h2	MmuINT0155348	chr7	4694331	4694548	+	0.1207
Suv420h2	MmuINT0155349	chr7	4694713	4694848	+	0.027983
Suv420h2	MmuINT0155350	chr7	4694869	4697403	+	0.100063
Suv420h2	MmuINT0155351	chr7	4697541	4697678	+	0.03004
Suv420h2	MmuINT0155352	chr7	4697864	4697978	+	0.030888
Suz12	MmuINT0155354	chr11	79807102	79809118	+	0.053578
Suz12	MmuINT0155355	chr11	79838504	79838669	+	0.015887
Suz12	MmuINT0155356	chr11	79838814	79839298	+	0.008413
Suz12	MmuINT0155357	chr11	79839457	79842649	+	0.013294
Suz12	MmuINT0155358	chr11	79842849	79843508	+	0.009515
Suz12	MmuINT0155359	chr11	79843589	79845346	+	0.061385
Suz12	MmuINT0155360	chr11	79809166	79809246	+	0.026929
Suz12	MmuINT0155362	chr11	79821065	79824059	+	0.016735
Suz12	MmuINT0155363	chr11	79824146	79826865	+	0.017538
Suz12	MmuINT0155364	chr11	79827098	79828644	+	0.011441
Suz12	MmuINT0155365	chr11	79828739	79833180	+	0.012366
Suz12	MmuINT0155366	chr11	79833287	79835593	+	0.024875
Suz12	MmuINT0155367	chr11	79835772	79838411	+	0.010895
Sv2a	MmuINT0155373	chr3	95997272	95997655	+	0.263664
Svep1	MmuINT0155451	chr4	58077200	58079300	-	0.070917
Svep1	MmuINT0155453	chr4	58070866	58077043	-	0.046085
Svep1	MmuINT0155454	chr4	58067585	58070801	-	0.054488
Svep1	MmuINT0155455	chr4	58066168	58067410	-	0.041441
Svep1	MmuINT0155456	chr4	58062153	58065990	-	0.046427
Svep1	MmuINT0155457	chr4	58061079	58061981	-	0.056975
Svil	MmuINT0155466	chr18	5046645	5046761	+	0.005009
Svil	MmuINT0155467	chr18	5060609	5062159	+	0.003873
Svil	MmuINT0155468	chr18	5062404	5063191	+	0.002667
Svil	MmuINT0155469	chr18	5063769	5064468	+	0.001302
Svil	MmuINT0155470	chr18	5064689	5073878	+	0.001853
Svil	MmuINT0155471	chr18	5074003	5082780	+	0.011623
Svil	MmuINT0155472	chr18	5082929	5086532	+	0.0029
Svil	MmuINT0155473	chr18	5086623	5086707	+	0.001446
Svil	MmuINT0155474	chr18	5086795	5088634	+	0.001487
Svil	MmuINT0155475	chr18	5088813	5090784	+	0.001791
Svil	MmuINT0155476	chr18	5090958	5092842	+	0.001431
Svil	MmuINT0155477	chr18	5046914	5048882	+	0.002656
Svil	MmuINT0155478	chr18	5092999	5094535	+	0.002911
Svil	MmuINT0155479	chr18	5094673	5095169	+	0.001514
Svil	MmuINT0155480	chr18	5095318	5095433	+	0.001308

Svil	MmuINT0155481	chr18	5095580	5097424	+	0.002765
Svil	MmuINT0155482	chr18	5097601	5098905	+	0.001819
Svil	MmuINT0155483	chr18	5099051	5099431	+	0.006456
Svil	MmuINT0155484	chr18	5099709	5103572	+	0.00805
Svil	MmuINT0155485	chr18	5103725	5105763	+	0.013901
Svil	MmuINT0155486	chr18	5105870	5106661	+	0.004346
Svil	MmuINT0155487	chr18	5106870	5108572	+	0.009659
Svil	MmuINT0155488	chr18	5049493	5054015	+	0.031312
Svil	MmuINT0155489	chr18	5108707	5114528	+	0.015198
Svil	MmuINT0155490	chr18	5114685	5115975	+	0.002481
Svil	MmuINT0155491	chr18	5116120	5116970	+	0.018
Svil	MmuINT0155492	chr18	5117096	5118097	+	0.015765
Svil	MmuINT0155493	chr18	5118254	5118343	+	0.003583
Svil	MmuINT0155494	chr18	5054097	5055977	+	0.003846
Svil	MmuINT0155495	chr18	5056848	5057272	+	0.007334
Svil	MmuINT0155497	chr18	5058158	5058710	+	0.015271
Svil	MmuINT0155498	chr18	5058773	5059227	+	0.002965
Svil	MmuINT0155499	chr18	5059368	5060512	+	0.023473
Svip	MmuINT0155502	chr7	59258830	59259304	-	0.017811
Svip	MmuINT0155503	chr7	59255148	59258715	-	0.008441
Swap70	MmuINT0155547	chr7	1.17E+08	1.17E+08	+	0.01922
Swap70	MmuINT0155548	chr7	1.17E+08	1.17E+08	+	0.023481
Swap70	MmuINT0155549	chr7	1.17E+08	1.17E+08	+	0.024161
Swap70	MmuINT0155550	chr7	1.17E+08	1.17E+08	+	0.039638
Swap70	MmuINT0155551	chr7	1.17E+08	1.17E+08	+	0.01983
Swap70	MmuINT0155552	chr7	1.17E+08	1.17E+08	+	0.021168
Swap70	MmuINT0155553	chr7	1.17E+08	1.17E+08	+	0.056185
Swap70	MmuINT0155554	chr7	1.17E+08	1.17E+08	+	0.01875
Swap70	MmuINT0155555	chr7	1.17E+08	1.17E+08	+	0.09512
Swap70	MmuINT0155556	chr7	1.17E+08	1.17E+08	+	0.026727
Swap70	MmuINT0155557	chr7	1.17E+08	1.17E+08	+	0.064877
Syap1	MmuINT0155558	chrX	1.59E+08	1.59E+08	-	0.006433
Syap1	MmuINT0155559	chrX	1.59E+08	1.59E+08	-	0.006067
Syap1	MmuINT0155560	chrX	1.59E+08	1.59E+08	-	0.01132
Syap1	MmuINT0155561	chrX	1.59E+08	1.59E+08	-	0.006282
Syap1	MmuINT0155562	chrX	1.59E+08	1.59E+08	-	0.027316
Syap1	MmuINT0155563	chrX	1.59E+08	1.59E+08	-	0.020904
Syap1	MmuINT0155564	chrX	1.59E+08	1.59E+08	-	0.008593
Syap1	MmuINT0155565	chrX	1.59E+08	1.59E+08	-	0.00424
Syce2	MmuINT0155598	chr8	87407484	87409833	+	0.810758
Syce2	MmuINT0155599	chr8	87410023	87411033	+	0.6707
Sycp3	MmuINT0155682	chr10	87930128	87932290	+	0.980912
Sycp3	MmuINT0155683	chr10	87932390	87935420	+	0.998437
Syde1	MmuINT0155684	chr10	78052989	78054546	-	0.144273
Syde1	MmuINT0155685	chr10	78052491	78052646	-	0.089871
Syde1	MmuINT0155686	chr10	78051667	78051845	-	0.310143
Syde1	MmuINT0155687	chr10	78050203	78051451	-	0.16073
Syde1	MmuINT0155688	chr10	78049865	78050075	-	0.03487
Syde1	MmuINT0155689	chr10	78049061	78049703	-	0.046448
Syde1	MmuINT0155690	chr10	78048657	78048834	-	0.021089

Syde2	MmuINT0155693	chr3	1.46E+08	1.46E+08	+	0.010402
Syde2	MmuINT0155694	chr3	1.46E+08	1.46E+08	+	0.022762
Syde2	MmuINT0155695	chr3	1.46E+08	1.46E+08	+	0.016215
Syde2	MmuINT0155696	chr3	1.46E+08	1.46E+08	+	0.553432
Syf2	MmuINT0155697	chr4	1.34E+08	1.34E+08	+	0.00564
Syf2	MmuINT0155698	chr4	1.34E+08	1.34E+08	+	0.004597
Syf2	MmuINT0155699	chr4	1.34E+08	1.34E+08	+	0.018494
Syf2	MmuINT0155700	chr4	1.34E+08	1.34E+08	+	0.01764
Syf2	MmuINT0155701	chr4	1.34E+08	1.34E+08	+	0.003153
Syf2	MmuINT0155702	chr4	1.34E+08	1.34E+08	+	0.006804
Sykb	MmuINT0155703	chr13	52692424	52706164	+	0.044228
Sykb	MmuINT0155704	chr13	52733617	52735973	+	0.018775
Sykb	MmuINT0155705	chr13	52736164	52737233	+	0.018507
Sykb	MmuINT0155706	chr13	52737375	52738408	+	0.024396
Sykb	MmuINT0155707	chr13	52738522	52741091	+	0.012311
Sykb	MmuINT0155708	chr13	52706622	52707663	+	0.013812
Sykb	MmuINT0155709	chr13	52707825	52716169	+	0.008591
Sykb	MmuINT0155710	chr13	52716309	52718048	+	0.031614
Sykb	MmuINT0155711	chr13	52718131	52718613	+	0.022605
Sykb	MmuINT0155712	chr13	52718646	52720076	+	0.262768
Sykb	MmuINT0155713	chr13	52720146	52727025	+	0.216675
Sykb	MmuINT0155714	chr13	52727114	52728256	+	0.01174
Sykb	MmuINT0155715	chr13	52728435	52733406	+	0.009542
Sympk	MmuINT0155716	chr7	19609856	19614212	+	0.025484
Sympk	MmuINT0155717	chr7	19625594	19625890	+	0.000656
Sympk	MmuINT0155718	chr7	19626042	19627926	+	0.003338
Sympk	MmuINT0155719	chr7	19628132	19628773	+	0.002603
Sympk	MmuINT0155720	chr7	19628925	19630283	+	0.02232
Sympk	MmuINT0155721	chr7	19630520	19630980	+	0.027913
Sympk	MmuINT0155722	chr7	19631063	19631196	+	0.004805
Sympk	MmuINT0155723	chr7	19631311	19632103	+	0.018026
Sympk	MmuINT0155724	chr7	19632252	19632798	+	0.012085
Sympk	MmuINT0155725	chr7	19632960	19633797	+	0.005616
Sympk	MmuINT0155726	chr7	19633907	19634188	+	0.003935
Sympk	MmuINT0155727	chr7	19614337	19614463	+	0.001094
Sympk	MmuINT0155728	chr7	19634290	19634728	+	0.005281
Sympk	MmuINT0155729	chr7	19634820	19635286	+	0.003895
Sympk	MmuINT0155730	chr7	19635389	19637715	+	0.044883
Sympk	MmuINT0155731	chr7	19637904	19638618	+	0.015551
Sympk	MmuINT0155732	chr7	19638796	19638895	+	0.006834
Sympk	MmuINT0155733	chr7	19638992	19639263	+	0.04852
Sympk	MmuINT0155734	chr7	19639648	19639737	+	0.005557
Sympk	MmuINT0155735	chr7	19614530	19615891	+	0.006531
Sympk	MmuINT0155736	chr7	19615946	19616027	+	0.005055
Sympk	MmuINT0155737	chr7	19616102	19619755	+	0.007948
Sympk	MmuINT0155738	chr7	19619883	19621174	+	0.002978
Sympk	MmuINT0155739	chr7	19621425	19622010	+	0.002831
Sympk	MmuINT0155740	chr7	19622182	19623208	+	0.002758
Sympk	MmuINT0155741	chr7	19623449	19625438	+	0.00361
Syn2	MmuINT0155756	chr6	1.15E+08	1.15E+08	+	0.435822



Syn2	MmuINT0155758	chr6	1.15E+08	1.15E+08	+	0.729041
Syn2	MmuINT0155759	chr6	1.15E+08	1.15E+08	+	0.516892
Syn2	MmuINT0155763	chr6	1.15E+08	1.15E+08	+	0.062701
Sync	MmuINT0155778	chr4	1.29E+08	1.29E+08	+	0.010188
Sync	MmuINT0155779	chr4	1.29E+08	1.29E+08	+	0.021549
Sync	MmuINT0155780	chr4	1.29E+08	1.29E+08	+	0.07151
Syncrip	MmuINT0155784	chr9	88372026	88374408	-	0.003751
Syncrip	MmuINT0155788	chr9	88357224	88357792	-	0.002437
Syncrip	MmuINT0155789	chr9	88356630	88357073	-	0.002514
Syne1	MmuINT0155805	chr10	5222887	5223404	+	0.026375
Syne1	MmuINT0155807	chr10	5229575	5232420	+	0.029779
Syne1	MmuINT0155810	chr10	5235711	5237836	+	0.0219
Syne1	MmuINT0155811	chr10	5238020	5238581	+	0.031408
Syne1	MmuINT0155813	chr10	5238729	5241572	+	0.02464
Syne1	MmuINT0155814	chr10	5241728	5242757	+	0.020146
Syne1	MmuINT0155815	chr10	5242906	5244116	+	0.021446
Syne1	MmuINT0155816	chr10	5244212	5246946	+	0.026973
Syne1	MmuINT0155817	chr10	5247182	5248861	+	0.02282
Syne1	MmuINT0155819	chr10	5259874	5262561	+	0.019767
Syne1	MmuINT0155820	chr10	5262718	5270593	+	0.052137
Syne1	MmuINT0155821	chr10	5270753	5274337	+	0.074545
Syne1	MmuINT0155829	chr10	5277735	5284989	+	0.013609
Syne1	MmuINT0155830	chr10	5305081	5305565	+	0.003639
Syne1	MmuINT0155831	chr10	5305778	5309124	+	0.007953
Syne1	MmuINT0155832	chr10	5309326	5311479	+	0.004659
Syne1	MmuINT0155833	chr10	5311609	5313411	+	0.004363
Syne1	MmuINT0155834	chr10	5313625	5314682	+	0.005891
Syne1	MmuINT0155835	chr10	5314776	5316106	+	0.009854
Syne1	MmuINT0155836	chr10	5316166	5324293	+	0.046505
Syne1	MmuINT0155837	chr10	5285153	5288573	+	0.006072
Syne1	MmuINT0155838	chr10	5288762	5290013	+	0.006355
Syne1	MmuINT0155839	chr10	5290165	5293702	+	0.005895
Syne1	MmuINT0155840	chr10	5293886	5294128	+	0.006703
Syne1	MmuINT0155841	chr10	5294267	5297625	+	0.004209
Syne1	MmuINT0155842	chr10	5297818	5298682	+	0.006089
Syne1	MmuINT0155843	chr10	5299011	5302787	+	0.019357
Syne1	MmuINT0155844	chr10	5302931	5304956	+	0.006885
Syne2	MmuINT0155878	chr12	77188901	77195267	+	0.021925
Syne2	MmuINT0155879	chr12	77195456	77196028	+	0.042474
Syne2	MmuINT0155880	chr12	77196180	77196478	+	0.038207
Syne2	MmuINT0155881	chr12	77196662	77197856	+	0.032393
Syne2	MmuINT0155882	chr12	77197995	77198870	+	0.027622
Syne2	MmuINT0155883	chr12	77199066	77200216	+	0.031836
Syne2	MmuINT0155885	chr12	77202119	77203954	+	0.055469
Syne2	MmuINT0155886	chr12	77204058	77204733	+	0.056061
Syne2	MmuINT0155887	chr12	77204937	77205951	+	0.181486
Syne2	MmuINT0155889	chr12	77206153	77206975	+	0.023574
Syne2	MmuINT0155890	chr12	77207105	77208470	+	0.052125
Syne2	MmuINT0155891	chr12	77208663	77209130	+	0.021943
Syne2	MmuINT0155894	chr12	77209898	77210808	+	0.031705

Syne2	MmuINT0155968	chr12	77140073	77141340	+	0.051911
Syne2	MmuINT0155972	chr12	77143124	77144693	+	0.040116
Syne2	MmuINT0155975	chr12	77149641	77153085	+	0.04269
Syne2	MmuINT0155978	chr12	77155961	77157749	+	0.060179
Syne2	MmuINT0155979	chr12	77157930	77158463	+	0.050823
Syne2	MmuINT0155985	chr12	77162810	77165079	+	0.035423
Syne2	MmuINT0155986	chr12	77165275	77167499	+	0.030249
Syne2	MmuINT0155988	chr12	77173271	77175424	+	0.029305
Syne2	MmuINT0155989	chr12	77175584	77176728	+	0.026213
Syne2	MmuINT0155990	chr12	77176896	77188737	+	0.045363
Syngr1	MmuINT0155991	chr15	79921923	79940873	+	0.001428
Syngr1	MmuINT0155992	chr15	79941112	79942028	+	0.006327
Syngr1	MmuINT0155993	chr15	79942175	79943595	+	0.018523
Syngr2	MmuINT0155995	chr11	1.18E+08	1.18E+08	+	0.007549
Syngr2	MmuINT0155996	chr11	1.18E+08	1.18E+08	+	0.002418
Syngr2	MmuINT0155997	chr11	1.18E+08	1.18E+08	+	0.002461
Synj1	MmuINT0156006	chr16	90976997	90978933	-	0.038531
Synj1	MmuINT0156007	chr16	90974312	90976843	-	0.102059
Synj1	MmuINT0156010	chr16	90967630	90969427	-	0.028077
Synj1	MmuINT0156011	chr16	90964891	90967544	-	0.037929
Synj1	MmuINT0156012	chr16	90964651	90964749	-	0.029511
Synj1	MmuINT0156013	chr16	90964222	90964457	-	0.024302
Synj1	MmuINT0156014	chr16	90961776	90964062	-	0.029203
Synj1	MmuINT0156015	chr16	90960923	90961618	-	0.026562
Synj1	MmuINT0156016	chr16	90994273	91010268	-	0.032974
Synj1	MmuINT0156017	chr16	90960705	90960804	-	0.027773
Synj1	MmuINT0156018	chr16	90957918	90960488	-	0.035187
Synj1	MmuINT0156019	chr16	90955717	90957838	-	0.043264
Synj1	MmuINT0156020	chr16	90952255	90955553	-	0.055848
Synj1	MmuINT0156021	chr16	90950731	90952044	-	0.019091
Synj1	MmuINT0156026	chr16	90945153	90947036	-	0.023197
Synj1	MmuINT0156027	chr16	90991893	90994185	-	0.029872
Synj1	MmuINT0156028	chr16	90944821	90945043	-	0.023556
Synj1	MmuINT0156029	chr16	90940742	90944599	-	0.349334
Synj1	MmuINT0156030	chr16	90939280	90940717	-	0.850029
Synj1	MmuINT0156031	chr16	90988613	90991624	-	0.023076
Synj1	MmuINT0156032	chr16	90987669	90988386	-	0.033849
Synj1	MmuINT0156033	chr16	90982115	90987584	-	0.046463
Synj1	MmuINT0156034	chr16	90981291	90982052	-	0.037328
Synj1	MmuINT0156035	chr16	90980166	90981193	-	0.03853
Synj1	MmuINT0156036	chr16	90979016	90979995	-	0.052524
Synj2	MmuINT0156039	chr17	6010826	6013507	+	0.003567
Synj2	MmuINT0156040	chr17	6013700	6016265	+	0.06763
Synj2	MmuINT0156041	chr17	6016348	6017486	+	0.010404
Synj2	MmuINT0156042	chr17	6017628	6019285	+	0.005079
Synj2	MmuINT0156043	chr17	6019479	6022098	+	0.093446
Synj2	MmuINT0156044	chr17	6022258	6023658	+	0.008009
Synj2	MmuINT0156045	chr17	6023816	6024983	+	0.008178
Synj2	MmuINT0156046	chr17	6025102	6026155	+	0.007168
Synj2	MmuINT0156047	chr17	6026375	6026476	+	0.005911

Synj2	MmuINT0156048	chr17	6026556	6027146	+	0.008778
Synj2	MmuINT0156049	chr17	5986243	5990135	+	0.012157
Synj2	MmuINT0156050	chr17	6027316	6028418	+	0.007344
Synj2	MmuINT0156051	chr17	6028587	6032696	+	0.877398
Synj2	MmuINT0156052	chr17	6032810	6033814	+	0.048376
Synj2	MmuINT0156053	chr17	6033924	6035410	+	0.018057
Synj2	MmuINT0156054	chr17	5990362	5996877	+	0.186767
Synj2	MmuINT0156055	chr17	5996962	6003098	+	0.009993
Synj2	MmuINT0156056	chr17	6003161	6005322	+	0.010093
Synj2	MmuINT0156057	chr17	6005420	6007937	+	0.008671
Synj2	MmuINT0156058	chr17	6008111	6009731	+	0.008499
Synj2	MmuINT0156059	chr17	6009814	6010395	+	0.007368
Synj2	MmuINT0156060	chr17	6010546	6010659	+	0.006313
Synpo	MmuINT0156071	chr18	60764145	60783824	-	0.026469
Synpo2	MmuINT0156072	chr3	1.23E+08	1.23E+08	-	0.008
Synpo2	MmuINT0156073	chr3	1.23E+08	1.23E+08	-	0.004484
Synpo2	MmuINT0156074	chr3	1.23E+08	1.23E+08	-	0.00336
Synpo2	MmuINT0156075	chr3	1.23E+08	1.23E+08	-	0.96367
Synpo2l	MmuINT0156077	chr14	21485481	21485869	-	0.007812
Synpo2l	MmuINT0156078	chr14	21481688	21484965	-	0.037091
Synrg	MmuINT0156085	chr11	83804446	83807830	+	0.015237
Synrg	MmuINT0156086	chr11	83807965	83815359	+	0.014377
Synrg	MmuINT0156087	chr11	83815473	83815674	+	0.01439
Synrg	MmuINT0156088	chr11	83815738	83822119	+	0.012654
Synrg	MmuINT0156090	chr11	83836927	83837779	+	0.015164
Synrg	MmuINT0156091	chr11	83837834	83838496	+	0.022004
Synrg	MmuINT0156092	chr11	83838594	83840119	+	0.01238
Synrg	MmuINT0156093	chr11	83840269	83852712	+	0.014637
Synrg	MmuINT0156094	chr11	83785095	83790581	+	0.045168
Synrg	MmuINT0156095	chr11	83852824	83853157	+	0.018955
Synrg	MmuINT0156096	chr11	83853194	83854298	+	0.018448
Synrg	MmuINT0156097	chr11	83792553	83794918	+	0.014055
Synrg	MmuINT0156098	chr11	83795025	83795697	+	0.013466
Synrg	MmuINT0156099	chr11	83795810	83800315	+	0.025854
Synrg	MmuINT0156100	chr11	83800550	83801414	+	0.016287
Synrg	MmuINT0156101	chr11	83801493	83803181	+	0.015131
Synrg	MmuINT0156102	chr11	83803379	83804196	+	0.012889
Sypl	MmuINT0156111	chr12	33639225	33650237	+	0.003026
Sypl	MmuINT0156112	chr12	33650366	33652400	+	0.002526
Sypl	MmuINT0156113	chr12	33652609	33658992	+	0.014564
Sypl	MmuINT0156114	chr12	33659185	33660454	+	0.001628
Sys1	MmuINT0156120	chr2	1.64E+08	1.64E+08	+	0.03222
Sys1	MmuINT0156121	chr2	1.64E+08	1.64E+08	+	0.007386
Sys1	MmuINT0156122	chr2	1.64E+08	1.64E+08	+	0.00432
Syt11	MmuINT0156140	chr3	88552825	88565647	-	0.017012
Syt11	MmuINT0156141	chr3	88551933	88552700	-	0.023677
Syt12	MmuINT0156145	chr19	4453981	4456494	-	0.049218
Syt7	MmuINT0156219	chr19	10510176	10513641	+	0.042514
Syt7	MmuINT0156220	chr19	10513913	10517317	+	0.017702
Syt7	MmuINT0156221	chr19	10517488	10517866	+	0.010643

Syt7	MmuINT0156222	chr19	10517982	10518474	+	0.0071
Syt7	MmuINT0156223	chr19	10518675	10522829	+	0.009517
Syvn1	MmuINT0156323	chr19	6047129	6047916	+	0.0406
Syvn1	MmuINT0156324	chr19	6050442	6050521	+	0.012645
Syvn1	MmuINT0156325	chr19	6050686	6050940	+	0.092248
Syvn1	MmuINT0156326	chr19	6051070	6051154	+	0.017475
Syvn1	MmuINT0156327	chr19	6051311	6051392	+	0.029383
Syvn1	MmuINT0156328	chr19	6051580	6052327	+	0.094813
Syvn1	MmuINT0156329	chr19	6052480	6052547	+	0.118003
Syvn1	MmuINT0156330	chr19	6048066	6048274	+	0.024725
Syvn1	MmuINT0156331	chr19	6048368	6048454	+	0.016515
Syvn1	MmuINT0156332	chr19	6048608	6048694	+	0.05056
Syvn1	MmuINT0156333	chr19	6048744	6049149	+	0.024929
Syvn1	MmuINT0156334	chr19	6049254	6049770	+	0.068243
Syvn1	MmuINT0156335	chr19	6049898	6049991	+	0.034619
Syvn1	MmuINT0156336	chr19	6050092	6050169	+	0.025494
Syvn1	MmuINT0156337	chr19	6050236	6050324	+	0.01773
Szt2	MmuINT0156362	chr4	1.18E+08	1.18E+08	-	0.069523
Szt2	MmuINT0156373	chr4	1.18E+08	1.18E+08	-	0.044472
Szt2	MmuINT0156378	chr4	1.18E+08	1.18E+08	-	0.041215
Szt2	MmuINT0156380	chr4	1.18E+08	1.18E+08	-	0.081048
Szt2	MmuINT0156381	chr4	1.18E+08	1.18E+08	-	0.045653
Szt2	MmuINT0156383	chr4	1.18E+08	1.18E+08	-	0.033142
Szt2	MmuINT0156384	chr4	1.18E+08	1.18E+08	-	0.037296
Szt2	MmuINT0156385	chr4	1.18E+08	1.18E+08	-	0.264404
Szt2	MmuINT0156386	chr4	1.18E+08	1.18E+08	-	0.051041
Szt2	MmuINT0156387	chr4	1.18E+08	1.18E+08	-	0.057716
Szt2	MmuINT0156388	chr4	1.18E+08	1.18E+08	-	0.338951
Szt2	MmuINT0156389	chr4	1.18E+08	1.18E+08	-	0.031717
Szt2	MmuINT0156390	chr4	1.18E+08	1.18E+08	-	0.030023
Szt2	MmuINT0156391	chr4	1.18E+08	1.18E+08	-	0.046146
Szt2	MmuINT0156392	chr4	1.18E+08	1.18E+08	-	0.0291
Szt2	MmuINT0156394	chr4	1.18E+08	1.18E+08	-	0.100135
Szt2	MmuINT0156395	chr4	1.18E+08	1.18E+08	-	0.047595
Szt2	MmuINT0156396	chr4	1.18E+08	1.18E+08	-	0.056845
Szt2	MmuINT0156397	chr4	1.18E+08	1.18E+08	-	0.041099
Szt2	MmuINT0156398	chr4	1.18E+08	1.18E+08	-	0.061965
Szt2	MmuINT0156399	chr4	1.18E+08	1.18E+08	-	0.136026
Szt2	MmuINT0156400	chr4	1.18E+08	1.18E+08	-	0.022609
Szt2	MmuINT0156401	chr4	1.18E+08	1.18E+08	-	0.025464
Szt2	MmuINT0156402	chr4	1.18E+08	1.18E+08	-	0.026183
Szt2	MmuINT0156403	chr4	1.18E+08	1.18E+08	-	0.046494
Szt2	MmuINT0156405	chr4	1.18E+08	1.18E+08	-	0.051161
Szt2	MmuINT0156406	chr4	1.18E+08	1.18E+08	-	0.04648
Tab1	MmuINT0156427	chr15	79963619	79978656	+	0.12077
Tab1	MmuINT0156428	chr15	79989338	79990503	+	0.010922
Tab1	MmuINT0156429	chr15	79978794	79979116	+	0.097661
Tab1	MmuINT0156430	chr15	79979271	79980211	+	0.067274
Tab1	MmuINT0156431	chr15	79980299	79980856	+	0.012421
Tab1	MmuINT0156432	chr15	79980996	79983094	+	0.015605

Tab1	MmuINT0156433	chr15	79983209	79984061	+	0.017214
Tab1	MmuINT0156434	chr15	79984174	79986186	+	0.011403
Tab1	MmuINT0156435	chr15	79986332	79988033	+	0.022136
Tab1	MmuINT0156436	chr15	79988257	79989180	+	0.036923
Tab2	MmuINT0156438	chr10	7640413	7644482	-	0.005257
Tab2	MmuINT0156439	chr10	7631347	7638911	-	0.010513
Tab2	MmuINT0156440	chr10	7630981	7631185	-	0.006718
Tab2	MmuINT0156441	chr10	7629926	7630886	-	0.020956
Tab2	MmuINT0156442	chr10	7627376	7629844	-	0.005903
Tab3	MmuINT0156445	chrX	82854924	82859309	+	0.048786
Tab3	MmuINT0156446	chrX	82860769	82861712	+	0.034043
Tab3	MmuINT0156447	chrX	82861874	82866892	+	0.053032
Tab3	MmuINT0156448	chrX	82866987	82869680	+	0.04348
Tab3	MmuINT0156449	chrX	82869765	82873498	+	0.046507
Tab3	MmuINT0156450	chrX	82873601	82875744	+	0.049669
Tacc1	MmuINT0156466	chr8	26310679	26311593	-	0.237536
Tacc1	MmuINT0156467	chr8	26274968	26275932	-	0.011741
Tacc1	MmuINT0156468	chr8	26271788	26274860	-	0.031324
Tacc1	MmuINT0156469	chr8	26270293	26271666	-	0.012602
Tacc1	MmuINT0156471	chr8	26288467	26292294	-	0.284619
Tacc1	MmuINT0156472	chr8	26285738	26288405	-	0.020022
Tacc1	MmuINT0156473	chr8	26281797	26285613	-	0.02297
Tacc1	MmuINT0156474	chr8	26279795	26281743	-	0.025796
Tacc1	MmuINT0156475	chr8	26278064	26279668	-	0.074248
Tacc1	MmuINT0156476	chr8	26277878	26277986	-	0.01851
Tacc1	MmuINT0156477	chr8	26276094	26277833	-	0.04118
Tacc2	MmuINT0156483	chr7	1.38E+08	1.38E+08	+	0.054764
Tacc2	MmuINT0156484	chr7	1.38E+08	1.38E+08	+	0.026169
Tacc2	MmuINT0156485	chr7	1.38E+08	1.38E+08	+	0.001724
Tacc2	MmuINT0156486	chr7	1.38E+08	1.38E+08	+	0.001576
Tacc2	MmuINT0156487	chr7	1.38E+08	1.38E+08	+	0.024928
Tacc2	MmuINT0156488	chr7	1.38E+08	1.38E+08	+	0.003524
Tacc2	MmuINT0156489	chr7	1.38E+08	1.38E+08	+	0.002018
Tacc2	MmuINT0156490	chr7	1.38E+08	1.38E+08	+	0.001358
Tacc2	MmuINT0156493	chr7	1.38E+08	1.38E+08	+	0.001873
Tacc2	MmuINT0156494	chr7	1.38E+08	1.38E+08	+	0.004375
Tacc2	MmuINT0156495	chr7	1.38E+08	1.38E+08	+	0.002719
Tacc2	MmuINT0156496	chr7	1.38E+08	1.38E+08	+	0.0123
Tacc2	MmuINT0156499	chr7	1.38E+08	1.38E+08	+	0.002265
Tacc3	MmuINT0156504	chr5	34012297	34014052	+	0.089355
Tacc3	MmuINT0156505	chr5	34014160	34014313	+	0.074198
Tacc3	MmuINT0156511	chr5	34009395	34009712	+	0.232411
Tacc3	MmuINT0156513	chr5	34010703	34010782	+	0.06124
Taco1	MmuINT0156515	chr11	1.06E+08	1.06E+08	+	0.002575
Taco1	MmuINT0156516	chr11	1.06E+08	1.06E+08	+	0.002797
Taco1	MmuINT0156517	chr11	1.06E+08	1.06E+08	+	0.007876
Taco1	MmuINT0156518	chr11	1.06E+08	1.06E+08	+	0.002357
Tada1	MmuINT0156532	chr1	1.68E+08	1.68E+08	+	0.186506
Tada1	MmuINT0156533	chr1	1.68E+08	1.68E+08	+	0.069032
Tada1	MmuINT0156534	chr1	1.68E+08	1.68E+08	+	0.129539

Tada1	MmuINT0156535	chr1	1.68E+08	1.68E+08	+	0.050022
Tada1	MmuINT0156536	chr1	1.68E+08	1.68E+08	+	0.072118
Tada1	MmuINT0156537	chr1	1.68E+08	1.68E+08	+	0.127842
Tada1	MmuINT0156538	chr1	1.68E+08	1.68E+08	+	0.150879
Tada2a	MmuINT0156541	chr11	83900685	83904050	-	0.088455
Tada2a	MmuINT0156542	chr11	83899274	83900612	-	0.086957
Tada2a	MmuINT0156543	chr11	83898260	83899140	-	0.132389
Tada2a	MmuINT0156544	chr11	83895614	83898215	-	0.076279
Tada2a	MmuINT0156545	chr11	83893280	83895539	-	0.028552
Tada2a	MmuINT0156546	chr11	83934691	83940489	-	0.036121
Tada2a	MmuINT0156549	chr11	83919849	83923455	-	0.031098
Tada2a	MmuINT0156550	chr11	83917783	83919690	-	0.02548
Tada2b	MmuINT0156554	chr5	36819612	36826436	-	0.018971
Tada3	MmuINT0156556	chr6	1.13E+08	1.13E+08	-	0.003274
Tada3	MmuINT0156558	chr6	1.13E+08	1.13E+08	-	0.016506
Tada3	MmuINT0156560	chr6	1.13E+08	1.13E+08	-	0.007208
Tada3	MmuINT0156561	chr6	1.13E+08	1.13E+08	-	0.007116
Tada3	MmuINT0156562	chr6	1.13E+08	1.13E+08	-	0.007383
Taf1	MmuINT0156563	chrX	98728341	98728833	+	0.037413
Taf1	MmuINT0156565	chrX	98742475	98743271	+	0.026572
Taf1	MmuINT0156566	chrX	98743400	98743498	+	0.034568
Taf1	MmuINT0156567	chrX	98743607	98743701	+	0.038733
Taf1	MmuINT0156568	chrX	98743876	98744413	+	0.022088
Taf1	MmuINT0156569	chrX	98744588	98745041	+	0.031431
Taf1	MmuINT0156570	chrX	98745147	98747687	+	0.018415
Taf1	MmuINT0156571	chrX	98747889	98748028	+	0.031142
Taf1	MmuINT0156572	chrX	98748171	98748504	+	0.079728
Taf1	MmuINT0156573	chrX	98748636	98749941	+	0.019485
Taf1	MmuINT0156574	chrX	98728949	98729083	+	0.026615
Taf1	MmuINT0156575	chrX	98750023	98751860	+	0.033023
Taf1	MmuINT0156576	chrX	98752011	98752162	+	0.026327
Taf1	MmuINT0156577	chrX	98752283	98752513	+	0.029664
Taf1	MmuINT0156578	chrX	98752690	98755104	+	0.014146
Taf1	MmuINT0156581	chrX	98757627	98758152	+	0.017873
Taf1	MmuINT0156582	chrX	98758319	98758866	+	0.016579
Taf1	MmuINT0156583	chrX	98759079	98762755	+	0.030337
Taf1	MmuINT0156584	chrX	98762865	98763797	+	0.024691
Taf1	MmuINT0156585	chrX	98729201	98734406	+	0.026265
Taf1	MmuINT0156586	chrX	98763897	98765133	+	0.02437
Taf1	MmuINT0156587	chrX	98765312	98770723	+	0.027571
Taf1	MmuINT0156588	chrX	98770792	98771919	+	0.028733
Taf1	MmuINT0156589	chrX	98772043	98773538	+	0.02784
Taf1	MmuINT0156590	chrX	98773632	98773710	+	0.030744
Taf1	MmuINT0156591	chrX	98773796	98785286	+	0.045094
Taf1	MmuINT0156592	chrX	98785355	98785811	+	0.020154
Taf1	MmuINT0156593	chrX	98785929	98789278	+	0.029463
Taf1	MmuINT0156594	chrX	98789405	98790638	+	0.013661
Taf1	MmuINT0156595	chrX	98790796	98791426	+	0.009162
Taf1	MmuINT0156596	chrX	98734527	98736161	+	0.40841
Taf1	MmuINT0156597	chrX	98791605	98794647	+	0.03373

Taf1	MmuINT0156598	chrX	98736341	98737802	+	0.024682
Taf1	MmuINT0156599	chrX	98738022	98738389	+	0.028351
Taf1	MmuINT0156600	chrX	98738609	98739286	+	0.027739
Taf10	MmuINT0156603	chr7	1.13E+08	1.13E+08	-	0.003639
Taf11	MmuINT0156607	chr17	28042356	28044445	-	0.021203
Taf11	MmuINT0156608	chr17	28040134	28042206	-	0.041852
Taf11	MmuINT0156609	chr17	28039570	28040045	-	0.060195
Taf11	MmuINT0156610	chr17	28038735	28039472	-	0.00961
Taf12	MmuINT0156611	chr4	1.32E+08	1.32E+08	+	0.021041
Taf12	MmuINT0156612	chr4	1.32E+08	1.32E+08	+	0.005835
Taf12	MmuINT0156613	chr4	1.32E+08	1.32E+08	+	0.011034
Taf12	MmuINT0156614	chr4	1.32E+08	1.32E+08	+	0.011107
Taf12	MmuINT0156615	chr4	1.32E+08	1.32E+08	+	0.006545
Taf15	MmuINT0156619	chr11	83286709	83295435	+	0.008732
Taf15	MmuINT0156620	chr11	83312685	83314616	+	0.022769
Taf15	MmuINT0156621	chr11	83314747	83316261	+	0.010768
Taf15	MmuINT0156622	chr11	83316355	83317747	+	0.009722
Taf15	MmuINT0156623	chr11	83317830	83317929	+	0.005605
Taf15	MmuINT0156624	chr11	83318019	83318143	+	0.038078
Taf15	MmuINT0156625	chr11	83318607	83319919	+	0.006883
Taf15	MmuINT0156626	chr11	83295476	83298152	+	0.011253
Taf15	MmuINT0156627	chr11	83298205	83298311	+	0.008254
Taf15	MmuINT0156628	chr11	83298397	83298478	+	0.004894
Taf15	MmuINT0156629	chr11	83298582	83300724	+	0.006074
Taf15	MmuINT0156630	chr11	83300916	83302426	+	0.006202
Taf15	MmuINT0156631	chr11	83302548	83310763	+	0.099994
Taf15	MmuINT0156632	chr11	83310799	83311395	+	0.087612
Taf15	MmuINT0156633	chr11	83311429	83312574	+	0.059012
Taf1b	MmuINT0156634	chr12	25183515	25185300	+	0.035049
Taf1b	MmuINT0156635	chr12	25232056	25232434	+	0.032084
Taf1b	MmuINT0156636	chr12	25232482	25234283	+	0.032063
Taf1b	MmuINT0156637	chr12	25234375	25240854	+	0.104882
Taf1b	MmuINT0156638	chr12	25240926	25241383	+	0.043377
Taf1b	MmuINT0156639	chr12	25241607	25243027	+	0.038167
Taf1b	MmuINT0156644	chr12	25199801	25201723	+	0.029529
Taf1b	MmuINT0156645	chr12	25201875	25207966	+	0.044416
Taf1b	MmuINT0156646	chr12	25208067	25229135	+	0.031959
Taf1b	MmuINT0156647	chr12	25229284	25231877	+	0.049356
Taf1c	MmuINT0156649	chr8	1.22E+08	1.22E+08	-	0.058497
Taf1c	MmuINT0156650	chr8	1.22E+08	1.22E+08	-	0.105372
Taf1c	MmuINT0156651	chr8	1.22E+08	1.22E+08	-	0.048809
Taf1c	MmuINT0156652	chr8	1.22E+08	1.22E+08	-	0.041815
Taf1c	MmuINT0156653	chr8	1.22E+08	1.22E+08	-	0.035642
Taf1c	MmuINT0156654	chr8	1.22E+08	1.22E+08	-	0.058733
Taf1c	MmuINT0156655	chr8	1.22E+08	1.22E+08	-	0.046763
Taf1c	MmuINT0156657	chr8	1.22E+08	1.22E+08	-	0.095096
Taf1c	MmuINT0156658	chr8	1.22E+08	1.22E+08	-	0.091071
Taf1c	MmuINT0156659	chr8	1.22E+08	1.22E+08	-	0.231936
Taf1c	MmuINT0156660	chr8	1.22E+08	1.22E+08	-	0.10984
Taf1c	MmuINT0156661	chr8	1.22E+08	1.22E+08	-	0.074679

Taf1c	MmuINT0156662	chr8	1.22E+08	1.22E+08	-	0.201074
Taf1d	MmuINT0156664	chr9	15110728	15112171	+	0.145627
Taf1d	MmuINT0156665	chr9	15119576	15119826	+	0.201957
Taf1d	MmuINT0156667	chr9	15112266	15112968	+	0.003312
Taf1d	MmuINT0156670	chr9	15114854	15115970	+	0.026858
Taf1d	MmuINT0156671	chr9	15117281	15118433	+	0.463993
Taf1d	MmuINT0156672	chr9	15118477	15118674	+	0.383437
Taf1d	MmuINT0156673	chr9	15118709	15119545	+	0.465675
Taf2	MmuINT0156674	chr15	54903003	54903401	-	0.086887
Taf2	MmuINT0156675	chr15	54883807	54885788	-	0.103141
Taf2	MmuINT0156676	chr15	54881105	54883670	-	0.0175
Taf2	MmuINT0156677	chr15	54880297	54880949	-	0.025952
Taf2	MmuINT0156678	chr15	54879891	54880181	-	0.030511
Taf2	MmuINT0156679	chr15	54879039	54879780	-	0.032767
Taf2	MmuINT0156680	chr15	54877544	54878972	-	0.041479
Taf2	MmuINT0156681	chr15	54874805	54877290	-	0.028313
Taf2	MmuINT0156682	chr15	54872029	54874663	-	0.030122
Taf2	MmuINT0156683	chr15	54869988	54871917	-	0.022375
Taf2	MmuINT0156684	chr15	54868213	54869793	-	0.026157
Taf2	MmuINT0156685	chr15	54897576	54902947	-	0.032302
Taf2	MmuINT0156686	chr15	54865788	54868072	-	0.015963
Taf2	MmuINT0156687	chr15	54862711	54865717	-	0.017626
Taf2	MmuINT0156688	chr15	54860103	54862600	-	0.011107
Taf2	MmuINT0156689	chr15	54858833	54859872	-	0.025821
Taf2	MmuINT0156690	chr15	54853880	54858726	-	0.019139
Taf2	MmuINT0156691	chr15	54848157	54853756	-	0.026443
Taf2	MmuINT0156692	chr15	54896262	54897414	-	0.024502
Taf2	MmuINT0156693	chr15	54894690	54896142	-	0.065652
Taf2	MmuINT0156694	chr15	54893840	54894547	-	0.023988
Taf2	MmuINT0156695	chr15	54891643	54893607	-	0.016838
Taf2	MmuINT0156696	chr15	54890468	54891457	-	0.019116
Taf2	MmuINT0156697	chr15	54887442	54890353	-	0.01937
Taf2	MmuINT0156698	chr15	54885875	54887341	-	0.053203
Taf3	MmuINT0156699	chr2	9964297	9969861	-	0.04084
Taf3	MmuINT0156700	chr2	9874573	9964053	-	0.015464
Taf3	MmuINT0156701	chr2	9862637	9872740	-	0.053287
Taf3	MmuINT0156702	chr2	9842929	9862553	-	0.023503
Taf3	MmuINT0156703	chr2	9839837	9842678	-	0.036502
Taf3	MmuINT0156704	chr2	9838094	9839729	-	0.039996
Taf4a	MmuINT0156705	chr2	1.8E+08	1.8E+08	-	0.027549
Taf4a	MmuINT0156706	chr2	1.8E+08	1.8E+08	-	0.013591
Taf4a	MmuINT0156708	chr2	1.8E+08	1.8E+08	-	0.013609
Taf4a	MmuINT0156709	chr2	1.8E+08	1.8E+08	-	0.013352
Taf4a	MmuINT0156710	chr2	1.8E+08	1.8E+08	-	0.074415
Taf4a	MmuINT0156711	chr2	1.8E+08	1.8E+08	-	0.014811
Taf4a	MmuINT0156712	chr2	1.8E+08	1.8E+08	-	0.014851
Taf4a	MmuINT0156713	chr2	1.8E+08	1.8E+08	-	0.019269
Taf4a	MmuINT0156714	chr2	1.8E+08	1.8E+08	-	0.016761
Taf4a	MmuINT0156715	chr2	1.8E+08	1.8E+08	-	0.021062
Taf4a	MmuINT0156716	chr2	1.8E+08	1.8E+08	-	0.421576



Taf4a	MmuINT0156717	chr2	1.8E+08	1.8E+08	-	0.083839
Taf4a	MmuINT0156718	chr2	1.8E+08	1.8E+08	-	0.015043
Taf4b	MmuINT0156720	chr18	14988698	14994300	+	0.048616
Taf4b	MmuINT0156721	chr18	14994432	15000413	+	0.063695
Taf4b	MmuINT0156723	chr18	15002980	15017680	+	0.063378
Taf4b	MmuINT0156724	chr18	15017786	15056472	+	0.030084
Taf4b	MmuINT0156730	chr18	14972200	14979946	+	0.048921
Taf5	MmuINT0156733	chr19	47142817	47145470	+	0.06519
Taf5	MmuINT0156734	chr19	47156812	47156916	+	0.045561
Taf5	MmuINT0156735	chr19	47145709	47149302	+	0.072234
Taf5	MmuINT0156736	chr19	47149619	47150225	+	0.071688
Taf5	MmuINT0156737	chr19	47150390	47150486	+	0.058222
Taf5	MmuINT0156740	chr19	47153388	47155030	+	0.058615
Taf5	MmuINT0156741	chr19	47155196	47156298	+	0.069655
Taf5	MmuINT0156742	chr19	47156477	47156633	+	0.267213
Taf5l	MmuINT0156744	chr8	1.27E+08	1.27E+08	-	0.027316
Taf5l	MmuINT0156745	chr8	1.27E+08	1.27E+08	-	0.015331
Taf5l	MmuINT0156746	chr8	1.27E+08	1.27E+08	-	0.015705
Taf6	MmuINT0156747	chr5	1.39E+08	1.39E+08	-	0.120016
Taf6	MmuINT0156748	chr5	1.39E+08	1.39E+08	-	0.052704
Taf6	MmuINT0156749	chr5	1.39E+08	1.39E+08	-	0.020349
Taf6	MmuINT0156750	chr5	1.39E+08	1.39E+08	-	0.161367
Taf6	MmuINT0156751	chr5	1.39E+08	1.39E+08	-	0.210085
Taf6	MmuINT0156752	chr5	1.39E+08	1.39E+08	-	0.201837
Taf6	MmuINT0156753	chr5	1.39E+08	1.39E+08	-	0.009128
Taf6	MmuINT0156754	chr5	1.39E+08	1.39E+08	-	0.008665
Taf6	MmuINT0156755	chr5	1.39E+08	1.39E+08	-	0.031977
Taf6	MmuINT0156756	chr5	1.39E+08	1.39E+08	-	0.006335
Taf6	MmuINT0156757	chr5	1.39E+08	1.39E+08	-	0.006604
Taf6	MmuINT0156758	chr5	1.39E+08	1.39E+08	-	0.009289
Taf6	MmuINT0156759	chr5	1.39E+08	1.39E+08	-	0.02639
Taf6	MmuINT0156760	chr5	1.39E+08	1.39E+08	-	0.017224
Taf6l	MmuINT0156764	chr19	8850009	8852576	-	0.094523
Taf6l	MmuINT0156765	chr19	8849781	8849879	-	0.234593
Taf6l	MmuINT0156767	chr19	8857881	8858324	-	0.028298
Taf6l	MmuINT0156768	chr19	8857185	8857793	-	0.042156
Taf6l	MmuINT0156769	chr19	8856897	8857033	-	0.066624
Taf6l	MmuINT0156770	chr19	8856586	8856845	-	0.045842
Taf6l	MmuINT0156771	chr19	8853416	8856490	-	0.11463
Taf6l	MmuINT0156772	chr19	8853224	8853340	-	0.041858
Taf6l	MmuINT0156773	chr19	8852710	8853002	-	0.084179
Taf7	MmuINT0156774	chr18	37803187	37803598	-	0.015597
Taf8	MmuINT0156787	chr17	47638390	47639179	-	0.041313
Taf8	MmuINT0156789	chr17	47635190	47635488	-	0.039445
Taf8	MmuINT0156790	chr17	47633652	47635126	-	0.039917
Taf8	MmuINT0156791	chr17	47631439	47633526	-	0.019913
Taf8	MmuINT0156792	chr17	47630654	47631290	-	0.062173
Taf8	MmuINT0156793	chr17	47627232	47630510	-	0.228061
Taf8	MmuINT0156794	chr17	47626846	47627091	-	0.041062
Taf9	MmuINT0156795	chr13	1.01E+08	1.01E+08	+	0.470309

Taf9	MmuINT0156796	chr13	1.01E+08	1.01E+08	+	0.002795
Taf9	MmuINT0156799	chr13	1.01E+08	1.01E+08	+	0.01061
Taf9	MmuINT0156800	chr13	1.01E+08	1.01E+08	+	0.010691
Taf9b	MmuINT0156801	chrX	1.03E+08	1.03E+08	-	0.023521
Taf9b	MmuINT0156802	chrX	1.03E+08	1.03E+08	-	0.019329
Taf9b	MmuINT0156803	chrX	1.03E+08	1.03E+08	-	0.043043
Taf9b	MmuINT0156804	chrX	1.03E+08	1.03E+08	-	0.030354
Taf9b	MmuINT0156805	chrX	1.03E+08	1.03E+08	-	0.015592
Tagln	MmuINT0156809	chr9	45739857	45743916	-	0.041612
Tagln	MmuINT0156810	chr9	45739561	45739664	-	0.088929
Tagln	MmuINT0156811	chr9	45739019	45739382	-	0.128378
Tagln	MmuINT0156812	chr9	45738599	45738915	-	0.062334
Tagln2	MmuINT0156813	chr1	1.74E+08	1.74E+08	+	0.010596
Tagln2	MmuINT0156814	chr1	1.74E+08	1.74E+08	+	0.027866
Tagln2	MmuINT0156815	chr1	1.74E+08	1.74E+08	+	0.013727
Tagln2	MmuINT0156816	chr1	1.74E+08	1.74E+08	+	0.027695
Taldo1	MmuINT0156824	chr7	1.49E+08	1.49E+08	+	0.001069
Taldo1	MmuINT0156828	chr7	1.49E+08	1.49E+08	+	0.000348
Taldo1	MmuINT0156829	chr7	1.49E+08	1.49E+08	+	0.002422
Taldo1	MmuINT0156830	chr7	1.49E+08	1.49E+08	+	0.002611
Tanc1	MmuINT0156832	chr2	59629938	59631152	+	0.017906
Tanc1	MmuINT0156833	chr2	59631305	59633851	+	0.017308
Tanc1	MmuINT0156834	chr2	59634084	59635642	+	0.039561
Tanc1	MmuINT0156835	chr2	59635810	59637627	+	0.054303
Tanc1	MmuINT0156836	chr2	59638236	59644332	+	0.025562
Tanc1	MmuINT0156837	chr2	59644442	59645623	+	0.022809
Tanc1	MmuINT0156838	chr2	59645747	59653374	+	0.02168
Tanc1	MmuINT0156839	chr2	59653612	59655541	+	0.016616
Tanc1	MmuINT0156840	chr2	59655728	59658263	+	0.033232
Tanc1	MmuINT0156841	chr2	59658343	59671192	+	0.033796
Tanc1	MmuINT0156843	chr2	59671327	59672637	+	0.021357
Tanc1	MmuINT0156844	chr2	59672762	59673448	+	0.017882
Tanc1	MmuINT0156845	chr2	59673625	59675142	+	0.024607
Tanc1	MmuINT0156846	chr2	59675276	59677031	+	0.073835
Tanc1	MmuINT0156847	chr2	59677124	59678995	+	0.037695
Tanc1	MmuINT0156848	chr2	59679143	59680066	+	0.028324
Tanc1	MmuINT0156849	chr2	59680168	59680751	+	0.017927
Tanc1	MmuINT0156850	chr2	59537485	59562717	+	0.023799
Tanc1	MmuINT0156851	chr2	59562907	59596521	+	0.031803
Tanc1	MmuINT0156852	chr2	59596627	59609188	+	0.027825
Tanc1	MmuINT0156853	chr2	59609320	59610409	+	0.035025
Tanc1	MmuINT0156854	chr2	59610597	59623380	+	0.021931
Tanc1	MmuINT0156855	chr2	59623645	59628832	+	0.019473
Tank	MmuINT0156886	chr2	61451856	61464959	+	0.051931
Tank	MmuINT0156887	chr2	61465897	61481771	+	0.016719
Tank	MmuINT0156888	chr2	61481843	61482363	+	0.04127
Tank	MmuINT0156889	chr2	61482480	61487794	+	0.01163
Tank	MmuINT0156890	chr2	61488346	61491435	+	0.058371
Taok1	MmuINT0156892	chr11	77373924	77377165	-	0.01715
Taok1	MmuINT0156893	chr11	77373448	77373755	-	0.009679

Taok1	MmuINT0156894	chr11	77369201	77373243	-	0.011117
Taok1	MmuINT0156895	chr11	77367412	77369065	-	0.008698
Taok1	MmuINT0156896	chr11	77364503	77367174	-	0.011894
Taok1	MmuINT0156897	chr11	77362978	77364373	-	0.014413
Taok1	MmuINT0156898	chr11	77359031	77362773	-	0.010119
Taok1	MmuINT0156899	chr11	77355340	77358790	-	0.011144
Taok1	MmuINT0156900	chr11	77353739	77355126	-	0.01305
Taok1	MmuINT0156901	chr11	77351831	77353555	-	0.015097
Taok1	MmuINT0156902	chr11	77393348	77398774	-	0.017997
Taok1	MmuINT0156903	chr11	77392330	77393275	-	0.017956
Taok1	MmuINT0156904	chr11	77390871	77392227	-	0.023209
Taok1	MmuINT0156905	chr11	77389172	77390824	-	0.0213
Taok1	MmuINT0156906	chr11	77387312	77389074	-	0.014913
Taok1	MmuINT0156907	chr11	77385201	77387197	-	0.020762
Taok1	MmuINT0156908	chr11	77379342	77385108	-	0.020349
Taok1	MmuINT0156909	chr11	77377248	77379247	-	0.016605
Taok2	MmuINT0156910	chr7	1.34E+08	1.34E+08	-	0.407744
Taok2	MmuINT0156911	chr7	1.34E+08	1.34E+08	-	0.024933
Taok2	MmuINT0156912	chr7	1.34E+08	1.34E+08	-	0.009258
Taok2	MmuINT0156913	chr7	1.34E+08	1.34E+08	-	0.016551
Taok2	MmuINT0156914	chr7	1.34E+08	1.34E+08	-	0.006773
Taok2	MmuINT0156915	chr7	1.34E+08	1.34E+08	-	0.007286
Taok2	MmuINT0156916	chr7	1.34E+08	1.34E+08	-	0.005289
Taok2	MmuINT0156917	chr7	1.34E+08	1.34E+08	-	0.008563
Taok2	MmuINT0156918	chr7	1.34E+08	1.34E+08	-	0.01012
Taok2	MmuINT0156919	chr7	1.34E+08	1.34E+08	-	0.007896
Taok2	MmuINT0156920	chr7	1.34E+08	1.34E+08	-	0.066799
Taok2	MmuINT0156921	chr7	1.34E+08	1.34E+08	-	0.033509
Taok2	MmuINT0156922	chr7	1.34E+08	1.34E+08	-	0.017109
Taok2	MmuINT0156923	chr7	1.34E+08	1.34E+08	-	0.012182
Taok2	MmuINT0156924	chr7	1.34E+08	1.34E+08	-	0.0249
Taok2	MmuINT0156925	chr7	1.34E+08	1.34E+08	-	0.011351
Taok3	MmuINT0156927	chr5	1.18E+08	1.18E+08	+	0.047286
Taok3	MmuINT0156928	chr5	1.18E+08	1.18E+08	+	0.038051
Taok3	MmuINT0156930	chr5	1.18E+08	1.18E+08	+	0.036145
Taok3	MmuINT0156931	chr5	1.18E+08	1.18E+08	+	0.033067
Taok3	MmuINT0156932	chr5	1.18E+08	1.18E+08	+	0.02642
Taok3	MmuINT0156933	chr5	1.18E+08	1.18E+08	+	0.028837
Taok3	MmuINT0156934	chr5	1.18E+08	1.18E+08	+	0.033332
Taok3	MmuINT0156935	chr5	1.18E+08	1.18E+08	+	0.138148
Taok3	MmuINT0156936	chr5	1.18E+08	1.18E+08	+	0.048251
Taok3	MmuINT0156937	chr5	1.18E+08	1.18E+08	+	0.067679
Taok3	MmuINT0156938	chr5	1.18E+08	1.18E+08	+	0.071039
Taok3	MmuINT0156941	chr5	1.18E+08	1.18E+08	+	0.097166
Taok3	MmuINT0156943	chr5	1.18E+08	1.18E+08	+	0.05927
Taok3	MmuINT0156944	chr5	1.18E+08	1.18E+08	+	0.052058
Tap1	MmuINT0156946	chr17	34325351	34326122	+	0.048053
Tap1	MmuINT0156947	chr17	34331926	34333512	+	0.081752
Tap1	MmuINT0156948	chr17	34326238	34326374	+	0.20749
Tap1	MmuINT0156949	chr17	34326506	34327507	+	0.232294

Tap1	MmuINT0156950	chr17	34327714	34328273	+	0.219684
Tap1	MmuINT0156951	chr17	34330262	34330429	+	0.137097
Tap1	MmuINT0156952	chr17	34330604	34330825	+	0.04594
Tap1	MmuINT0156953	chr17	34330989	34331788	+	0.026461
Tap2	MmuINT0156954	chr17	34341569	34342231	+	0.013451
Tap2	MmuINT0156955	chr17	34351751	34352278	+	0.016662
Tap2	MmuINT0156956	chr17	34352416	34352858	+	0.063108
Tap2	MmuINT0156957	chr17	34342730	34342814	+	0.012437
Tap2	MmuINT0156958	chr17	34342930	34345698	+	0.042305
Tap2	MmuINT0156959	chr17	34345830	34346034	+	0.011203
Tap2	MmuINT0156960	chr17	34346241	34348814	+	0.037609
Tap2	MmuINT0156961	chr17	34349013	34349174	+	0.082703
Tap2	MmuINT0156962	chr17	34349304	34350959	+	0.062342
Tap2	MmuINT0156963	chr17	34351149	34351267	+	0.009219
Tap2	MmuINT0156964	chr17	34351442	34351590	+	0.008775
Tapbp	MmuINT0156966	chr17	34056670	34056815	+	0.014928
Tapbp	MmuINT0156967	chr17	34056996	34057193	+	0.018633
Tapbp	MmuINT0156968	chr17	34057455	34062354	+	0.032503
Tapbp	MmuINT0156969	chr17	34062754	34062952	+	0.029262
Tapbp	MmuINT0156970	chr17	34063295	34063372	+	0.011494
Tapbp	MmuINT0156971	chr17	34063652	34065084	+	0.013019
Tapbpl	MmuINT0156972	chr6	1.25E+08	1.25E+08	-	0.054082
Tapbpl	MmuINT0156973	chr6	1.25E+08	1.25E+08	-	0.053151
Tapbpl	MmuINT0156974	chr6	1.25E+08	1.25E+08	-	0.027332
Tapbpl	MmuINT0156975	chr6	1.25E+08	1.25E+08	-	0.024847
Tapbpl	MmuINT0156976	chr6	1.25E+08	1.25E+08	-	0.055338
Tapbpl	MmuINT0156977	chr6	1.25E+08	1.25E+08	-	0.033416
Tapt1	MmuINT0156979	chr5	44575889	44576193	-	0.046984
Tapt1	MmuINT0156980	chr5	44574014	44575819	-	0.102721
Tapt1	MmuINT0156981	chr5	44570261	44573936	-	0.031249
Tapt1	MmuINT0156982	chr5	44568422	44570099	-	0.006282
Tapt1	MmuINT0156983	chr5	44595568	44609342	-	0.016335
Tapt1	MmuINT0156984	chr5	44585650	44595448	-	0.015556
Tapt1	MmuINT0156985	chr5	44584562	44585486	-	0.01833
Tapt1	MmuINT0156986	chr5	44583704	44584425	-	0.01712
Tapt1	MmuINT0156987	chr5	44583390	44583605	-	0.019728
Tapt1	MmuINT0156988	chr5	44579939	44583319	-	0.01563
Tapt1	MmuINT0156989	chr5	44577581	44579857	-	0.06545
Tapt1	MmuINT0156990	chr5	44576254	44577470	-	0.043931
Tarbp2	MmuINT0157020	chr15	1.02E+08	1.02E+08	+	0.019605
Tarbp2	MmuINT0157023	chr15	1.02E+08	1.02E+08	+	0.018231
Tarbp2	MmuINT0157024	chr15	1.02E+08	1.02E+08	+	0.007759
Tardbp	MmuINT0157029	chr4	1.48E+08	1.48E+08	-	0.001853
Tardbp	MmuINT0157031	chr4	1.48E+08	1.48E+08	-	0.001249
Tardbp	MmuINT0157032	chr4	1.48E+08	1.48E+08	-	0.000824
Tars	MmuINT0157039	chr15	11327017	11329240	-	0.006222
Tars	MmuINT0157040	chr15	11319498	11320066	-	0.012587
Tars	MmuINT0157041	chr15	11318216	11319330	-	0.074653
Tars	MmuINT0157042	chr15	11317974	11318052	-	0.031949
Tars	MmuINT0157043	chr15	11317534	11317835	-	0.03125

Tars	MmuINT0157044	chr15	11317328	11317455	-	0.014386
Tars	MmuINT0157045	chr15	11317123	11317226	-	0.012495
Tars	MmuINT0157046	chr15	11316880	11317017	-	0.01753
Tars	MmuINT0157047	chr15	11314954	11316806	-	0.018314
Tars	MmuINT0157048	chr15	11313915	11314838	-	0.011638
Tars	MmuINT0157049	chr15	11324170	11326935	-	0.007849
Tars	MmuINT0157050	chr15	11323036	11323978	-	0.009149
Tars	MmuINT0157051	chr15	11322664	11322911	-	0.016187
Tars	MmuINT0157052	chr15	11322105	11322541	-	0.012747
Tars	MmuINT0157053	chr15	11321790	11321986	-	0.012699
Tars	MmuINT0157054	chr15	11321648	11321724	-	0.01583
Tars	MmuINT0157055	chr15	11320963	11321568	-	0.023564
Tars	MmuINT0157056	chr15	11320166	11320815	-	0.020497
Tars2	MmuINT0157057	chr3	95558439	95558680	-	0.021672
Tars2	MmuINT0157058	chr3	95550621	95551361	-	0.032315
Tars2	MmuINT0157059	chr3	95550094	95550457	-	0.014762
Tars2	MmuINT0157061	chr3	95546341	95546500	-	0.019524
Tars2	MmuINT0157062	chr3	95546070	95546238	-	0.007143
Tars2	MmuINT0157063	chr3	95545360	95545996	-	0.009332
Tars2	MmuINT0157064	chr3	95544243	95545244	-	0.007798
Tars2	MmuINT0157065	chr3	95557054	95558241	-	0.006764
Tars2	MmuINT0157066	chr3	95555554	95556929	-	0.010076
Tars2	MmuINT0157067	chr3	95554908	95555428	-	0.02241
Tars2	MmuINT0157068	chr3	95554689	95554789	-	0.065792
Tars2	MmuINT0157069	chr3	95554341	95554623	-	0.033258
Tars2	MmuINT0157070	chr3	95552557	95554261	-	0.061187
Tars2	MmuINT0157071	chr3	95552064	95552409	-	0.012161
Tars2	MmuINT0157072	chr3	95551580	95551964	-	0.017744
Tarsl2	MmuINT0157077	chr7	72809866	72820849	+	0.004973
Tarsl2	MmuINT0157078	chr7	72821017	72822881	+	0.003542
Tarsl2	MmuINT0157079	chr7	72823045	72827652	+	0.006963
Tarsl2	MmuINT0157080	chr7	72827791	72828693	+	0.006788
Tarsl2	MmuINT0157081	chr7	72828772	72828947	+	0.009855
Tarsl2	MmuINT0157082	chr7	72829049	72831323	+	0.011834
Tarsl2	MmuINT0157083	chr7	72831429	72833764	+	0.012218
Tarsl2	MmuINT0157084	chr7	72833838	72834853	+	0.006871
Tarsl2	MmuINT0157085	chr7	72834969	72836056	+	0.007275
Tarsl2	MmuINT0157086	chr7	72791208	72792363	+	0.008383
Tarsl2	MmuINT0157087	chr7	72792555	72797145	+	0.003521
Tarsl2	MmuINT0157088	chr7	72797270	72800569	+	0.006797
Tarsl2	MmuINT0157089	chr7	72800692	72803745	+	0.008972
Tarsl2	MmuINT0157090	chr7	72803864	72806004	+	0.005478
Tarsl2	MmuINT0157091	chr7	72806070	72807186	+	0.005247
Tarsl2	MmuINT0157092	chr7	72807266	72808758	+	0.00437
Tarsl2	MmuINT0157093	chr7	72808906	72809766	+	0.004127
Tasp1	MmuINT0157111	chr2	1.4E+08	1.4E+08	-	0.081251
Tasp1	MmuINT0157112	chr2	1.4E+08	1.4E+08	-	0.061017
Tasp1	MmuINT0157113	chr2	1.4E+08	1.4E+08	-	0.048404
Tasp1	MmuINT0157114	chr2	1.4E+08	1.4E+08	-	0.041998
Tasp1	MmuINT0157115	chr2	1.4E+08	1.4E+08	-	0.037349

Tasp1	MmuINT0157116	chr2	1.4E+08	1.4E+08	-	0.033702
Tasp1	MmuINT0157117	chr2	1.4E+08	1.4E+08	-	0.048297
Tasp1	MmuINT0157118	chr2	1.4E+08	1.4E+08	-	0.03342
Tasp1	MmuINT0157120	chr2	1.4E+08	1.4E+08	-	0.039874
Tasp1	MmuINT0157121	chr2	1.4E+08	1.4E+08	-	0.039693
Tasp1	MmuINT0157122	chr2	1.4E+08	1.4E+08	-	0.200871
Tasp1	MmuINT0157123	chr2	1.4E+08	1.4E+08	-	0.043177
Tatdn1	MmuINT0157135	chr15	58760305	58765233	-	0.056092
Tatdn1	MmuINT0157136	chr15	58736416	58737295	-	0.045556
Tatdn1	MmuINT0157138	chr15	58758041	58760238	-	0.178818
Tatdn1	MmuINT0157139	chr15	58755524	58757990	-	0.024163
Tatdn1	MmuINT0157140	chr15	58752973	58755459	-	0.095873
Tatdn1	MmuINT0157141	chr15	58752738	58752828	-	0.010145
Tatdn1	MmuINT0157142	chr15	58747918	58752694	-	0.050686
Tatdn1	MmuINT0157143	chr15	58747748	58747831	-	0.020987
Tatdn1	MmuINT0157144	chr15	58741205	58747706	-	0.09663
Tatdn1	MmuINT0157145	chr15	58737367	58741127	-	0.138415
Tatdn2	MmuINT0157146	chr6	1.14E+08	1.14E+08	+	0.050702
Tatdn2	MmuINT0157147	chr6	1.14E+08	1.14E+08	+	0.004982
Tatdn2	MmuINT0157149	chr6	1.14E+08	1.14E+08	+	0.003145
Tatdn2	MmuINT0157150	chr6	1.14E+08	1.14E+08	+	0.005691
Tatdn2	MmuINT0157151	chr6	1.14E+08	1.14E+08	+	0.007765
Tatdn2	MmuINT0157152	chr6	1.14E+08	1.14E+08	+	0.003154
Tatdn3	MmuINT0157153	chr1	1.93E+08	1.93E+08	-	0.021876
Tatdn3	MmuINT0157156	chr1	1.93E+08	1.93E+08	-	0.018186
Tatdn3	MmuINT0157157	chr1	1.93E+08	1.93E+08	-	0.012431
Tatdn3	MmuINT0157158	chr1	1.93E+08	1.93E+08	-	0.252529
Tatdn3	MmuINT0157159	chr1	1.93E+08	1.93E+08	-	0.308552
Tatdn3	MmuINT0157160	chr1	1.93E+08	1.93E+08	-	0.617212
Tax1bp1	MmuINT0157163	chr6	52663850	52671291	+	0.007049
Tax1bp1	MmuINT0157164	chr6	52692833	52694215	+	0.002024
Tax1bp1	MmuINT0157165	chr6	52694349	52696663	+	0.002626
Tax1bp1	MmuINT0157166	chr6	52696765	52701078	+	0.003946
Tax1bp1	MmuINT0157167	chr6	52701205	52703298	+	0.002116
Tax1bp1	MmuINT0157168	chr6	52703371	52707547	+	0.002613
Tax1bp1	MmuINT0157169	chr6	52707723	52708206	+	0.003199
Tax1bp1	MmuINT0157170	chr6	52708350	52715014	+	0.005983
Tax1bp1	MmuINT0157171	chr6	52715098	52715866	+	0.010362
Tax1bp1	MmuINT0157172	chr6	52671461	52677192	+	0.002735
Tax1bp1	MmuINT0157173	chr6	52677296	52679274	+	0.002608
Tax1bp1	MmuINT0157174	chr6	52679463	52683184	+	0.004028
Tax1bp1	MmuINT0157175	chr6	52683344	52686843	+	0.002497
Tax1bp1	MmuINT0157176	chr6	52686993	52687075	+	0.001709
Tax1bp1	MmuINT0157177	chr6	52687167	52689537	+	0.003887
Tax1bp1	MmuINT0157178	chr6	52689724	52691944	+	0.002334
Tax1bp1	MmuINT0157179	chr6	52692170	52692685	+	0.003463
Taz	MmuINT0157183	chrX	71528456	71528610	+	0.015431
Taz	MmuINT0157184	chrX	71528740	71528986	+	0.006582
Taz	MmuINT0157185	chrX	71529033	71529270	+	0.08189
Taz	MmuINT0157186	chrX	71529357	71533357	+	0.079944

Taz	MmuINT0157187	chrX	71533439	71533516	+	0.09406
Taz	MmuINT0157188	chrX	71533559	71533786	+	0.851345
Taz	MmuINT0157189	chrX	71534054	71534443	+	0.274703
Taz	MmuINT0157190	chrX	71534522	71534637	+	0.084439
Tbc1d1	MmuINT0157202	chr5	64673285	64677183	+	0.095194
Tbc1d1	MmuINT0157203	chr5	64677324	64702297	+	0.039439
Tbc1d1	MmuINT0157204	chr5	64702484	64707592	+	0.038228
Tbc1d1	MmuINT0157205	chr5	64707755	64715689	+	0.04283
Tbc1d1	MmuINT0157206	chr5	64715849	64724585	+	0.037019
Tbc1d1	MmuINT0157207	chr5	64724831	64726516	+	0.029773
Tbc1d1	MmuINT0157208	chr5	64726677	64730800	+	0.040996
Tbc1d1	MmuINT0157209	chr5	64730971	64736490	+	0.047663
Tbc1d1	MmuINT0157210	chr5	64736665	64740968	+	0.049012
Tbc1d1	MmuINT0157212	chr5	64648395	64651591	+	0.047375
Tbc1d1	MmuINT0157216	chr5	64662421	64666633	+	0.069118
Tbc1d1	MmuINT0157217	chr5	64666745	64669154	+	0.062802
Tbc1d10a	MmuINT0157219	chr11	4087103	4105759	+	0.020387
Tbc1d10a	MmuINT0157220	chr11	4105860	4109928	+	0.021982
Tbc1d10a	MmuINT0157221	chr11	4110037	4112143	+	0.090773
Tbc1d10a	MmuINT0157222	chr11	4112251	4112787	+	0.233928
Tbc1d10a	MmuINT0157223	chr11	4112903	4112980	+	0.125403
Tbc1d10a	MmuINT0157224	chr11	4113047	4113559	+	0.110826
Tbc1d10a	MmuINT0157225	chr11	4113750	4113839	+	0.040569
Tbc1d10a	MmuINT0157226	chr11	4113995	4114703	+	0.02109
Tbc1d10b	MmuINT0157227	chr7	1.34E+08	1.34E+08	-	0.015573
Tbc1d10b	MmuINT0157228	chr7	1.34E+08	1.34E+08	-	0.04414
Tbc1d10b	MmuINT0157229	chr7	1.34E+08	1.34E+08	-	0.014537
Tbc1d10b	MmuINT0157230	chr7	1.34E+08	1.34E+08	-	0.066076
Tbc1d10b	MmuINT0157231	chr7	1.34E+08	1.34E+08	-	0.080677
Tbc1d10b	MmuINT0157232	chr7	1.34E+08	1.34E+08	-	0.070093
Tbc1d10b	MmuINT0157233	chr7	1.34E+08	1.34E+08	-	0.010759
Tbc1d10b	MmuINT0157234	chr7	1.34E+08	1.34E+08	-	0.010231
Tbc1d10c	MmuINT0157242	chr19	4185507	4187941	-	0.41838
Tbc1d10c	MmuINT0157243	chr19	4185074	4185351	-	0.043925
Tbc1d12	MmuINT0157244	chr19	38911937	38940105	+	0.071456
Tbc1d12	MmuINT0157245	chr19	38988548	38988793	+	0.036005
Tbc1d12	MmuINT0157246	chr19	38988904	38991101	+	0.064484
Tbc1d12	MmuINT0157247	chr19	38991361	38992360	+	0.02057
Tbc1d12	MmuINT0157248	chr19	38940230	38957148	+	0.041473
Tbc1d12	MmuINT0157249	chr19	38957265	38970476	+	0.029159
Tbc1d12	MmuINT0157250	chr19	38970560	38973358	+	0.043839
Tbc1d12	MmuINT0157251	chr19	38973477	38975798	+	0.042286
Tbc1d12	MmuINT0157252	chr19	38975906	38982261	+	0.039663
Tbc1d12	MmuINT0157253	chr19	38982343	38985496	+	0.109919
Tbc1d12	MmuINT0157254	chr19	38985586	38987680	+	0.037211
Tbc1d12	MmuINT0157255	chr19	38987753	38988418	+	0.037472
Tbc1d13	MmuINT0157256	chr2	29989433	29990316	+	0.020099
Tbc1d13	MmuINT0157257	chr2	30004304	30004450	+	0.036427
Tbc1d13	MmuINT0157258	chr2	30004509	30005219	+	0.022879
Tbc1d13	MmuINT0157261	chr2	29992703	29992801	+	0.028997

Tbc1d13	MmuINT0157262	chr2	29992902	29995994	+	0.033438
Tbc1d13	MmuINT0157263	chr2	29996078	29997781	+	0.018331
Tbc1d13	MmuINT0157264	chr2	29997942	30002171	+	0.026134
Tbc1d13	MmuINT0157265	chr2	30002383	30002881	+	0.057264
Tbc1d13	MmuINT0157266	chr2	30003046	30004142	+	0.020815
Tbc1d14	MmuINT0157271	chr5	36850356	36851008	-	0.088548
Tbc1d14	MmuINT0157272	chr5	36847784	36850226	-	0.049813
Tbc1d14	MmuINT0157273	chr5	36837926	36847673	-	0.025884
Tbc1d14	MmuINT0157274	chr5	36835764	36837666	-	0.024281
Tbc1d14	MmuINT0157275	chr5	36885947	36913944	-	0.050726
Tbc1d14	MmuINT0157276	chr5	36867698	36885825	-	0.045589
Tbc1d14	MmuINT0157277	chr5	36865659	36867578	-	0.036532
Tbc1d14	MmuINT0157278	chr5	36863211	36865575	-	0.021932
Tbc1d14	MmuINT0157279	chr5	36862029	36863092	-	0.033069
Tbc1d14	MmuINT0157280	chr5	36856769	36861921	-	0.026232
Tbc1d14	MmuINT0157281	chr5	36855198	36856687	-	0.035143
Tbc1d14	MmuINT0157282	chr5	36851081	36855102	-	0.123286
Tbc1d15	MmuINT0157283	chr10	1.15E+08	1.15E+08	-	0.027025
Tbc1d15	MmuINT0157284	chr10	1.15E+08	1.15E+08	-	0.00934
Tbc1d15	MmuINT0157285	chr10	1.15E+08	1.15E+08	-	0.003923
Tbc1d15	MmuINT0157286	chr10	1.15E+08	1.15E+08	-	0.009478
Tbc1d15	MmuINT0157287	chr10	1.15E+08	1.15E+08	-	0.010621
Tbc1d15	MmuINT0157288	chr10	1.15E+08	1.15E+08	-	0.029445
Tbc1d15	MmuINT0157289	chr10	1.15E+08	1.15E+08	-	0.008005
Tbc1d15	MmuINT0157290	chr10	1.15E+08	1.15E+08	-	0.013067
Tbc1d15	MmuINT0157291	chr10	1.15E+08	1.15E+08	-	0.011713
Tbc1d15	MmuINT0157292	chr10	1.15E+08	1.15E+08	-	0.012106
Tbc1d15	MmuINT0157293	chr10	1.15E+08	1.15E+08	-	0.009898
Tbc1d15	MmuINT0157294	chr10	1.15E+08	1.15E+08	-	0.009807
Tbc1d15	MmuINT0157295	chr10	1.15E+08	1.15E+08	-	0.00464
Tbc1d15	MmuINT0157296	chr10	1.15E+08	1.15E+08	-	0.002841
Tbc1d15	MmuINT0157297	chr10	1.15E+08	1.15E+08	-	0.01433
Tbc1d15	MmuINT0157298	chr10	1.15E+08	1.15E+08	-	0.010835
Tbc1d16	MmuINT0157299	chr11	1.19E+08	1.19E+08	-	0.009775
Tbc1d16	MmuINT0157300	chr11	1.19E+08	1.19E+08	-	0.005659
Tbc1d16	MmuINT0157301	chr11	1.19E+08	1.19E+08	-	0.004731
Tbc1d16	MmuINT0157302	chr11	1.19E+08	1.19E+08	-	0.055212
Tbc1d16	MmuINT0157303	chr11	1.19E+08	1.19E+08	-	0.010379
Tbc1d16	MmuINT0157304	chr11	1.19E+08	1.19E+08	-	0.00559
Tbc1d16	MmuINT0157305	chr11	1.19E+08	1.19E+08	-	0.074754
Tbc1d16	MmuINT0157306	chr11	1.19E+08	1.19E+08	-	0.004732
Tbc1d16	MmuINT0157307	chr11	1.19E+08	1.19E+08	-	0.004026
Tbc1d16	MmuINT0157308	chr11	1.19E+08	1.19E+08	-	0.00432
Tbc1d16	MmuINT0157309	chr11	1.19E+08	1.19E+08	-	0.006857
Tbc1d17	MmuINT0157310	chr7	52103905	52104218	-	0.013253
Tbc1d17	MmuINT0157311	chr7	52098482	52098801	-	0.040774
Tbc1d17	MmuINT0157312	chr7	52098287	52098364	-	0.078098
Tbc1d17	MmuINT0157313	chr7	52098091	52098185	-	0.084167
Tbc1d17	MmuINT0157314	chr7	52097671	52097990	-	0.056141
Tbc1d17	MmuINT0157315	chr7	52097470	52097572	-	0.065842



Tbc1d17	MmuINT0157318	chr7	52103712	52103805	-	0.012101
Tbc1d17	MmuINT0157319	chr7	52102255	52103639	-	0.021845
Tbc1d17	MmuINT0157320	chr7	52101453	52102130	-	0.012772
Tbc1d17	MmuINT0157321	chr7	52100739	52101244	-	0.030338
Tbc1d17	MmuINT0157322	chr7	52100544	52100626	-	0.015615
Tbc1d17	MmuINT0157323	chr7	52099770	52100381	-	0.028943
Tbc1d17	MmuINT0157324	chr7	52099558	52099640	-	0.013798
Tbc1d17	MmuINT0157325	chr7	52098897	52099453	-	0.036142
Tbc1d19	MmuINT0157326	chr5	54201098	54220588	+	0.015128
Tbc1d19	MmuINT0157327	chr5	54239440	54241076	+	0.018816
Tbc1d19	MmuINT0157328	chr5	54241190	54248086	+	0.018407
Tbc1d19	MmuINT0157329	chr5	54248162	54251382	+	0.029449
Tbc1d19	MmuINT0157330	chr5	54251446	54263491	+	0.016436
Tbc1d19	MmuINT0157331	chr5	54263577	54266125	+	0.036549
Tbc1d19	MmuINT0157332	chr5	54266171	54274900	+	0.027048
Tbc1d19	MmuINT0157333	chr5	54274934	54278592	+	0.017551
Tbc1d19	MmuINT0157334	chr5	54278703	54280554	+	0.015197
Tbc1d19	MmuINT0157335	chr5	54280647	54288229	+	0.01896
Tbc1d19	MmuINT0157336	chr5	54288346	54292815	+	0.026621
Tbc1d19	MmuINT0157338	chr5	54292887	54294570	+	0.037842
Tbc1d19	MmuINT0157339	chr5	54221740	54224208	+	0.084091
Tbc1d19	MmuINT0157340	chr5	54224285	54226410	+	0.024783
Tbc1d19	MmuINT0157341	chr5	54226486	54227834	+	0.016992
Tbc1d19	MmuINT0157342	chr5	54227899	54229162	+	0.018991
Tbc1d19	MmuINT0157343	chr5	54229210	54229365	+	0.019103
Tbc1d19	MmuINT0157344	chr5	54229477	54237439	+	0.015291
Tbc1d19	MmuINT0157345	chr5	54237513	54239400	+	0.020986
Tbc1d2	MmuINT0157349	chr4	46618841	46619254	-	0.202924
Tbc1d20	MmuINT0157358	chr2	1.52E+08	1.52E+08	+	0.005506
Tbc1d20	MmuINT0157359	chr2	1.52E+08	1.52E+08	+	0.013385
Tbc1d20	MmuINT0157360	chr2	1.52E+08	1.52E+08	+	0.026085
Tbc1d20	MmuINT0157361	chr2	1.52E+08	1.52E+08	+	0.041238
Tbc1d20	MmuINT0157362	chr2	1.52E+08	1.52E+08	+	0.04499
Tbc1d20	MmuINT0157363	chr2	1.52E+08	1.52E+08	+	0.028521
Tbc1d20	MmuINT0157364	chr2	1.52E+08	1.52E+08	+	0.03316
Tbc1d22a	MmuINT0157375	chr15	86045067	86065159	+	0.011665
Tbc1d22a	MmuINT0157376	chr15	86197111	86221506	+	0.011737
Tbc1d22a	MmuINT0157377	chr15	86221635	86279621	+	0.011424
Tbc1d22a	MmuINT0157378	chr15	86279718	86327242	+	0.016412
Tbc1d22a	MmuINT0157379	chr15	86065217	86065945	+	0.020174
Tbc1d22a	MmuINT0157380	chr15	86066284	86069546	+	0.007517
Tbc1d22a	MmuINT0157381	chr15	86069724	86122563	+	0.010315
Tbc1d22a	MmuINT0157382	chr15	86122635	86130076	+	0.00799
Tbc1d22a	MmuINT0157383	chr15	86130206	86131975	+	0.016479
Tbc1d22a	MmuINT0157384	chr15	86132039	86142156	+	0.014974
Tbc1d22a	MmuINT0157385	chr15	86142272	86182083	+	0.011755
Tbc1d22a	MmuINT0157386	chr15	86182194	86197034	+	0.01061
Tbc1d22b	MmuINT0157387	chr17	29686940	29701376	+	0.018396
Tbc1d22b	MmuINT0157388	chr17	29732869	29736783	+	0.017519
Tbc1d22b	MmuINT0157389	chr17	29736912	29737090	+	0.016607

Tbc1d22b	MmuINT0157390	chr17	29737187	29741788	+	0.045503
Tbc1d22b	MmuINT0157391	chr17	29701434	29705336	+	0.025498
Tbc1d22b	MmuINT0157392	chr17	29705645	29707531	+	0.01424
Tbc1d22b	MmuINT0157393	chr17	29707712	29708609	+	0.01171
Tbc1d22b	MmuINT0157394	chr17	29708681	29709914	+	0.087216
Tbc1d22b	MmuINT0157395	chr17	29710044	29712100	+	0.013381
Tbc1d22b	MmuINT0157396	chr17	29712167	29715773	+	0.094854
Tbc1d22b	MmuINT0157397	chr17	29715889	29731621	+	0.018516
Tbc1d22b	MmuINT0157398	chr17	29731729	29732792	+	0.012333
Tbc1d23	MmuINT0157400	chr16	57189546	57191586	-	0.021717
Tbc1d23	MmuINT0157401	chr16	57186794	57189374	-	0.037245
Tbc1d23	MmuINT0157402	chr16	57184600	57186750	-	0.050924
Tbc1d23	MmuINT0157403	chr16	57183104	57184492	-	0.014645
Tbc1d23	MmuINT0157405	chr16	57173273	57178044	-	0.037922
Tbc1d23	MmuINT0157406	chr16	57171931	57173136	-	0.039789
Tbc1d23	MmuINT0157407	chr16	57170554	57171735	-	0.103985
Tbc1d23	MmuINT0157408	chr16	57214383	57218421	-	0.02834
Tbc1d23	MmuINT0157409	chr16	57212689	57214276	-	0.021384
Tbc1d23	MmuINT0157410	chr16	57208441	57212483	-	0.022981
Tbc1d23	MmuINT0157411	chr16	57199097	57208316	-	0.414721
Tbc1d23	MmuINT0157412	chr16	57198884	57198971	-	0.049782
Tbc1d23	MmuINT0157413	chr16	57198498	57198836	-	0.025275
Tbc1d23	MmuINT0157414	chr16	57192845	57198393	-	0.022689
Tbc1d23	MmuINT0157415	chr16	57191680	57192721	-	0.029802
Tbc1d25	MmuINT0157427	chrX	7752976	7753182	-	0.933577
Tbc1d25	MmuINT0157428	chrX	7751437	7752836	-	0.039365
Tbc1d25	MmuINT0157429	chrX	7750019	7751326	-	0.054734
Tbc1d25	MmuINT0157430	chrX	7733905	7749863	-	0.067795
Tbc1d25	MmuINT0157431	chrX	7733631	7733776	-	0.119521
Tbc1d25	MmuINT0157432	chrX	7733193	7733441	-	0.049191
Tbc1d2b	MmuINT0157434	chr9	90104692	90110315	-	0.060046
Tbc1d2b	MmuINT0157435	chr9	90102733	90104505	-	0.106893
Tbc1d2b	MmuINT0157436	chr9	90100061	90102610	-	0.029471
Tbc1d2b	MmuINT0157437	chr9	90136017	90144628	-	0.055891
Tbc1d2b	MmuINT0157443	chr9	90113993	90117144	-	0.057358
Tbc1d2b	MmuINT0157444	chr9	90110434	90113497	-	0.037626
Tbc1d4	MmuINT0157456	chr14	1.02E+08	1.02E+08	-	0.005373
Tbc1d4	MmuINT0157457	chr14	1.02E+08	1.02E+08	-	0.690283
Tbc1d4	MmuINT0157458	chr14	1.02E+08	1.02E+08	-	0.013368
Tbc1d4	MmuINT0157459	chr14	1.02E+08	1.02E+08	-	0.004907
Tbc1d4	MmuINT0157460	chr14	1.02E+08	1.02E+08	-	0.004977
Tbc1d4	MmuINT0157461	chr14	1.02E+08	1.02E+08	-	0.006904
Tbc1d4	MmuINT0157462	chr14	1.02E+08	1.02E+08	-	0.004418
Tbc1d4	MmuINT0157463	chr14	1.02E+08	1.02E+08	-	0.009366
Tbc1d4	MmuINT0157464	chr14	1.02E+08	1.02E+08	-	0.005727
Tbc1d4	MmuINT0157465	chr14	1.02E+08	1.02E+08	-	0.00441
Tbc1d4	MmuINT0157467	chr14	1.02E+08	1.02E+08	-	0.010052
Tbc1d4	MmuINT0157468	chr14	1.02E+08	1.02E+08	-	0.009654
Tbc1d4	MmuINT0157469	chr14	1.02E+08	1.02E+08	-	0.010358
Tbc1d4	MmuINT0157470	chr14	1.02E+08	1.02E+08	-	0.009883

Tbc1d4	MmuINT0157471	chr14	1.02E+08	1.02E+08	-	0.009128
Tbc1d4	MmuINT0157472	chr14	1.02E+08	1.02E+08	-	0.007496
Tbc1d4	MmuINT0157473	chr14	1.02E+08	1.02E+08	-	0.026911
Tbc1d5	MmuINT0157474	chr17	51282747	51318424	-	0.043749
Tbc1d5	MmuINT0157475	chr17	51058538	51059839	-	0.034482
Tbc1d5	MmuINT0157476	chr17	51058387	51058486	-	0.03036
Tbc1d5	MmuINT0157477	chr17	51057025	51058316	-	0.020653
Tbc1d5	MmuINT0157478	chr17	51014034	51056851	-	0.024178
Tbc1d5	MmuINT0157479	chr17	50991965	51013890	-	0.021883
Tbc1d5	MmuINT0157480	chr17	50953167	50991857	-	0.028498
Tbc1d5	MmuINT0157481	chr17	50939521	50953080	-	0.022603
Tbc1d5	MmuINT0157483	chr17	50896052	50921585	-	0.017014
Tbc1d5	MmuINT0157484	chr17	50881462	50895951	-	0.039657
Tbc1d5	MmuINT0157486	chr17	50880945	50881381	-	0.023129
Tbc1d5	MmuINT0157487	chr17	50875570	50880800	-	0.047101
Tbc1d5	MmuINT0157488	chr17	51124000	51164398	-	0.027215
Tbc1d5	MmuINT0157489	chr17	51107624	51123929	-	0.02804
Tbc1d5	MmuINT0157490	chr17	51106131	51107514	-	0.030071
Tbc1d5	MmuINT0157493	chr17	51074884	51103017	-	0.04404
Tbc1d5	MmuINT0157494	chr17	51059929	51074780	-	0.029969
Tbc1d7	MmuINT0157495	chr13	43265317	43266697	-	0.308825
Tbc1d7	MmuINT0157496	chr13	43264224	43265170	-	0.015175
Tbc1d7	MmuINT0157497	chr13	43260836	43264142	-	0.013264
Tbc1d7	MmuINT0157498	chr13	43254770	43260647	-	0.006731
Tbc1d7	MmuINT0157499	chr13	43250204	43254631	-	0.013597
Tbc1d7	MmuINT0157500	chr13	43248569	43250057	-	0.008685
Tbc1d7	MmuINT0157501	chr13	43247350	43248438	-	0.033875
Tbc1d8	MmuINT0157504	chr1	39438408	39441965	-	0.098108
Tbc1d8	MmuINT0157505	chr1	39437203	39438121	-	0.075736
Tbc1d8	MmuINT0157506	chr1	39436939	39437072	-	0.091793
Tbc1d8	MmuINT0157507	chr1	39436369	39436839	-	0.045874
Tbc1d8	MmuINT0157508	chr1	39433964	39436299	-	0.053227
Tbc1d8	MmuINT0157509	chr1	39433335	39433722	-	0.033346
Tbc1d8	MmuINT0157510	chr1	39431017	39433268	-	0.17637
Tbc1d8	MmuINT0157511	chr1	39430670	39430926	-	0.078212
Tbc1d8	MmuINT0157512	chr1	39429632	39430571	-	0.148306
Tbc1d8	MmuINT0157515	chr1	39459769	39462135	-	0.073337
Tbc1d8	MmuINT0157516	chr1	39451118	39459527	-	0.052643
Tbc1d8	MmuINT0157518	chr1	39448133	39448901	-	0.028883
Tbc1d8	MmuINT0157519	chr1	39446304	39447961	-	0.044829
Tbc1d8	MmuINT0157520	chr1	39443058	39446152	-	0.036905
Tbc1d8b	MmuINT0157536	chrX	1.36E+08	1.36E+08	+	0.101638
Tbc1d8b	MmuINT0157537	chrX	1.36E+08	1.36E+08	+	0.076736
Tbc1d8b	MmuINT0157539	chrX	1.36E+08	1.36E+08	+	0.065903
Tbc1d9	MmuINT0157551	chr8	85790067	85792881	+	0.048849
Tbc1d9	MmuINT0157559	chr8	85773516	85777356	+	0.057443
Tbc1d9	MmuINT0157561	chr8	85778812	85779693	+	0.055274
Tbc1d9b	MmuINT0157562	chr11	49945059	49949326	+	0.009496
Tbc1d9b	MmuINT0157563	chr11	49966341	49968587	+	0.00579
Tbc1d9b	MmuINT0157564	chr11	49968706	49970246	+	0.008386

Tbc1d9b	MmuINT0157565	chr11	49970533	49971918	+	0.009425
Tbc1d9b	MmuINT0157566	chr11	49972049	49972163	+	0.004958
Tbc1d9b	MmuINT0157567	chr11	49972263	49973144	+	0.007991
Tbc1d9b	MmuINT0157568	chr11	49973214	49974956	+	0.015903
Tbc1d9b	MmuINT0157569	chr11	49975198	49975547	+	0.021608
Tbc1d9b	MmuINT0157570	chr11	49975614	49977326	+	0.01625
Tbc1d9b	MmuINT0157571	chr11	49977399	49981670	+	0.194669
Tbc1d9b	MmuINT0157572	chr11	49981728	49982197	+	0.01825
Tbc1d9b	MmuINT0157573	chr11	49949438	49953884	+	0.009233
Tbc1d9b	MmuINT0157574	chr11	49982305	49984198	+	0.020555
Tbc1d9b	MmuINT0157575	chr11	49954004	49958528	+	0.005094
Tbc1d9b	MmuINT0157576	chr11	49958758	49959604	+	0.016651
Tbc1d9b	MmuINT0157577	chr11	49959864	49961522	+	0.015658
Tbc1d9b	MmuINT0157578	chr11	49961731	49963203	+	0.005883
Tbc1d9b	MmuINT0157579	chr11	49963417	49964820	+	0.009948
Tbc1d9b	MmuINT0157580	chr11	49964983	49965423	+	0.011583
Tbc1d9b	MmuINT0157581	chr11	49965575	49966125	+	0.00841
Tbcb	MmuINT0157585	chr7	31016289	31016598	-	0.00329
Tbcb	MmuINT0157586	chr7	31012720	31016144	-	0.014923
Tbcb	MmuINT0157587	chr7	31012055	31012622	-	0.007047
Tbcb	MmuINT0157588	chr7	31009565	31011862	-	0.005656
Tbcb	MmuINT0157589	chr7	31009367	31009491	-	0.003247
Tbccd1	MmuINT0157590	chr16	22842181	22857417	-	0.551265
Tbccd1	MmuINT0157591	chr16	22834107	22841801	-	0.016727
Tbccd1	MmuINT0157592	chr16	22826206	22833950	-	0.024587
Tbccd1	MmuINT0157593	chr16	22822963	22825838	-	0.085444
Tbccd1	MmuINT0157594	chr16	22822653	22822775	-	0.029204
Tbccd1	MmuINT0157595	chr16	22818602	22822154	-	0.026712
Tbccd1	MmuINT0157596	chr16	22814030	22818453	-	0.044393
Tbcd	MmuINT0157597	chr11	1.21E+08	1.21E+08	+	0.160833
Tbcd	MmuINT0157598	chr11	1.21E+08	1.21E+08	+	0.029555
Tbcd	MmuINT0157599	chr11	1.21E+08	1.21E+08	+	0.037189
Tbcd	MmuINT0157600	chr11	1.21E+08	1.21E+08	+	0.029545
Tbcd	MmuINT0157601	chr11	1.21E+08	1.21E+08	+	0.023583
Tbcd	MmuINT0157602	chr11	1.21E+08	1.21E+08	+	0.059229
Tbcd	MmuINT0157603	chr11	1.21E+08	1.21E+08	+	0.036021
Tbcd	MmuINT0157604	chr11	1.21E+08	1.21E+08	+	0.035627
Tbcd	MmuINT0157605	chr11	1.21E+08	1.21E+08	+	0.047281
Tbcd	MmuINT0157606	chr11	1.21E+08	1.21E+08	+	0.038069
Tbcd	MmuINT0157607	chr11	1.21E+08	1.21E+08	+	0.034514
Tbcd	MmuINT0157609	chr11	1.21E+08	1.21E+08	+	0.037713
Tbcd	MmuINT0157610	chr11	1.21E+08	1.21E+08	+	0.057128
Tbcd	MmuINT0157611	chr11	1.21E+08	1.21E+08	+	0.030901
Tbcd	MmuINT0157612	chr11	1.21E+08	1.21E+08	+	0.024627
Tbcd	MmuINT0157613	chr11	1.21E+08	1.21E+08	+	0.055919
Tbcd	MmuINT0157614	chr11	1.21E+08	1.21E+08	+	0.048087
Tbcd	MmuINT0157615	chr11	1.21E+08	1.21E+08	+	0.051616
Tbcd	MmuINT0157616	chr11	1.21E+08	1.21E+08	+	0.034815
Tbcd	MmuINT0157617	chr11	1.21E+08	1.21E+08	+	0.023092
Tbcd	MmuINT0157618	chr11	1.21E+08	1.21E+08	+	0.102

Tbcd	MmuINT0157619	chr11	1.21E+08	1.21E+08	+	0.067173
Tbcd	MmuINT0157620	chr11	1.21E+08	1.21E+08	+	0.053345
Tbcd	MmuINT0157621	chr11	1.21E+08	1.21E+08	+	0.020433
Tbcd	MmuINT0157622	chr11	1.21E+08	1.21E+08	+	0.028323
Tbcd	MmuINT0157623	chr11	1.21E+08	1.21E+08	+	0.026974
Tbcd	MmuINT0157624	chr11	1.21E+08	1.21E+08	+	0.067129
Tbcd	MmuINT0157625	chr11	1.21E+08	1.21E+08	+	0.035723
Tbcd	MmuINT0157626	chr11	1.21E+08	1.21E+08	+	0.044033
Tbcd	MmuINT0157627	chr11	1.21E+08	1.21E+08	+	0.044095
Tbcd	MmuINT0157628	chr11	1.21E+08	1.21E+08	+	0.03573
Tbcd	MmuINT0157629	chr11	1.21E+08	1.21E+08	+	0.041332
Tbcd	MmuINT0157630	chr11	1.21E+08	1.21E+08	+	0.041705
Tbcd	MmuINT0157631	chr11	1.21E+08	1.21E+08	+	0.059351
Tbcd	MmuINT0157632	chr11	1.21E+08	1.21E+08	+	0.046603
Tbcd	MmuINT0157633	chr11	1.21E+08	1.21E+08	+	0.035386
Tbce	MmuINT0157634	chr13	14121674	14131804	-	0.021773
Tbce	MmuINT0157635	chr13	14098120	14098209	-	0.086213
Tbce	MmuINT0157636	chr13	14097551	14098054	-	0.118557
Tbce	MmuINT0157637	chr13	14095964	14097409	-	0.049122
Tbce	MmuINT0157638	chr13	14093446	14095809	-	0.169113
Tbce	MmuINT0157639	chr13	14092385	14093376	-	0.0237
Tbce	MmuINT0157640	chr13	14090449	14090629	-	0.629999
Tbce	MmuINT0157641	chr13	14120050	14121542	-	0.011763
Tbce	MmuINT0157642	chr13	14112155	14119964	-	0.022771
Tbce	MmuINT0157643	chr13	14107091	14111968	-	0.107848
Tbce	MmuINT0157644	chr13	14102909	14107001	-	0.056627
Tbce	MmuINT0157645	chr13	14101999	14102808	-	0.159384
Tbce	MmuINT0157646	chr13	14100959	14101895	-	0.105839
Tbce	MmuINT0157647	chr13	14098805	14100881	-	0.016691
Tbce	MmuINT0157648	chr13	14098275	14098708	-	0.022788
Tbcel	MmuINT0157649	chr9	42259846	42280148	-	0.064037
Tbcel	MmuINT0157650	chr9	42258147	42259695	-	0.02019
Tbcel	MmuINT0157651	chr9	42252672	42258006	-	0.013559
Tbcel	MmuINT0157652	chr9	42251159	42252489	-	0.035919
Tbcel	MmuINT0157653	chr9	42247307	42250901	-	0.013038
Tbcel	MmuINT0157654	chr9	42245315	42247179	-	0.01633
Tbcel	MmuINT0157655	chr9	42224233	42245197	-	0.013723
Tbck	MmuINT0157656	chr3	1.32E+08	1.32E+08	+	0.050184
Tbck	MmuINT0157657	chr3	1.32E+08	1.32E+08	+	0.03611
Tbck	MmuINT0157661	chr3	1.32E+08	1.32E+08	+	0.049901
Tbck	MmuINT0157662	chr3	1.32E+08	1.32E+08	+	0.048639
Tbck	MmuINT0157663	chr3	1.32E+08	1.32E+08	+	0.056668
Tbck	MmuINT0157664	chr3	1.32E+08	1.32E+08	+	0.059312
Tbck	MmuINT0157666	chr3	1.32E+08	1.32E+08	+	0.078912
Tbck	MmuINT0157667	chr3	1.32E+08	1.32E+08	+	0.045605
Tbck	MmuINT0157669	chr3	1.32E+08	1.32E+08	+	0.040976
Tbck	MmuINT0157670	chr3	1.32E+08	1.32E+08	+	0.024727
Tbck	MmuINT0157671	chr3	1.32E+08	1.32E+08	+	0.028382
Tbck	MmuINT0157672	chr3	1.32E+08	1.32E+08	+	0.027863
Tbck	MmuINT0157673	chr3	1.32E+08	1.33E+08	+	0.030596

Tbck	MmulINT0157676	chr3	1.32E+08	1.32E+08	+	0.038153
Tbk1	MmulINT0157683	chr10	1.21E+08	1.21E+08	-	0.027122
Tbk1	MmulINT0157684	chr10	1.21E+08	1.21E+08	-	0.034583
Tbk1	MmulINT0157685	chr10	1.21E+08	1.21E+08	-	0.057936
Tbk1	MmulINT0157686	chr10	1.21E+08	1.21E+08	-	0.197708
Tbk1	MmulINT0157687	chr10	1.21E+08	1.21E+08	-	0.028432
Tbk1	MmulINT0157688	chr10	1.21E+08	1.21E+08	-	0.053967
Tbk1	MmulINT0157689	chr10	1.21E+08	1.21E+08	-	0.021219
Tbk1	MmulINT0157690	chr10	1.21E+08	1.21E+08	-	0.023371
Tbk1	MmulINT0157691	chr10	1.21E+08	1.21E+08	-	0.080462
Tbk1	MmulINT0157692	chr10	1.21E+08	1.21E+08	-	0.042456
Tbk1	MmulINT0157693	chr10	1.21E+08	1.21E+08	-	0.014208
Tbk1	MmulINT0157694	chr10	1.21E+08	1.21E+08	-	0.116549
Tbk1	MmulINT0157695	chr10	1.21E+08	1.21E+08	-	0.014659
Tbk1	MmulINT0157696	chr10	1.21E+08	1.21E+08	-	0.014246
Tbk1	MmulINT0157697	chr10	1.21E+08	1.21E+08	-	0.008665
Tbk1	MmulINT0157698	chr10	1.21E+08	1.21E+08	-	0.017494
Tbk1	MmulINT0157699	chr10	1.21E+08	1.21E+08	-	0.019157
Tbk1	MmulINT0157700	chr10	1.21E+08	1.21E+08	-	0.014688
Tbk1	MmulINT0157701	chr10	1.21E+08	1.21E+08	-	0.019019
Tbkbp1	MmulINT0157702	chr11	97010382	97010675	-	0.020904
Tbkbp1	MmulINT0157703	chr11	97010048	97010258	-	0.018862
Tbkbp1	MmulINT0157704	chr11	97008868	97009942	-	0.049644
Tbkbp1	MmulINT0157705	chr11	97007945	97008686	-	0.035195
Tbkbp1	MmulINT0157706	chr11	97007676	97007768	-	0.027557
Tbkbp1	MmulINT0157707	chr11	97000905	97007613	-	0.248463
Tbkbp1	MmulINT0157708	chr11	97000649	97000785	-	0.089665
Tbkbp1	MmulINT0157709	chr11	96998990	96999935	-	0.150153
Tbl1x	MmulINT0157710	chrX	74756609	74878884	+	0.020845
Tbl1x	MmulINT0157711	chrX	74895273	74895707	+	0.055228
Tbl1x	MmulINT0157712	chrX	74895830	74898102	+	0.02605
Tbl1x	MmulINT0157713	chrX	74898178	74898552	+	0.019651
Tbl1x	MmulINT0157714	chrX	74898681	74900744	+	0.011477
Tbl1x	MmulINT0157715	chrX	74900911	74904039	+	0.022052
Tbl1x	MmulINT0157716	chrX	74904142	74905053	+	0.005831
Tbl1x	MmulINT0157717	chrX	74878980	74886732	+	0.009574
Tbl1x	MmulINT0157718	chrX	74886847	74888749	+	0.010043
Tbl1x	MmulINT0157719	chrX	74888896	74891546	+	0.009339
Tbl1x	MmulINT0157720	chrX	74891809	74893130	+	0.00681
Tbl1x	MmulINT0157721	chrX	74893264	74893590	+	0.008068
Tbl1x	MmulINT0157722	chrX	74893733	74893992	+	0.023749
Tbl1x	MmulINT0157723	chrX	74894057	74894161	+	0.025288
Tbl1x	MmulINT0157724	chrX	74894260	74895211	+	0.049312
Tbl1xr1	MmulINT0157726	chr3	22092091	22099241	+	0.022471
Tbl1xr1	MmulINT0157727	chr3	22099364	22099511	+	0.022516
Tbl1xr1	MmulINT0157728	chr3	22099587	22102018	+	0.021403
Tbl1xr1	MmulINT0157729	chr3	22102147	22102748	+	0.026694
Tbl1xr1	MmulINT0157730	chr3	22102915	22108433	+	0.021209
Tbl1xr1	MmulINT0157731	chr3	22108536	22109322	+	0.025247
Tbl1xr1	MmulINT0157732	chr3	22047931	22078124	+	0.032778

Tbl1xr1	MmulINT0157733	chr3	22078228	22087287	+	0.021359
Tbl1xr1	MmulINT0157734	chr3	22087434	22088689	+	0.02131
Tbl1xr1	MmulINT0157735	chr3	22088913	22089836	+	0.0178
Tbl1xr1	MmulINT0157736	chr3	22089970	22090313	+	0.016169
Tbl1xr1	MmulINT0157737	chr3	22090456	22090941	+	0.027161
Tbl1xr1	MmulINT0157738	chr3	22091006	22091091	+	0.032079
Tbl1xr1	MmulINT0157739	chr3	22091190	22092029	+	0.031403
Tbl2	MmulINT0157740	chr5	1.36E+08	1.36E+08	+	0.07556
Tbl2	MmulINT0157741	chr5	1.36E+08	1.36E+08	+	0.050128
Tbl2	MmulINT0157742	chr5	1.36E+08	1.36E+08	+	0.032959
Tbl2	MmulINT0157743	chr5	1.36E+08	1.36E+08	+	0.026243
Tbl2	MmulINT0157744	chr5	1.36E+08	1.36E+08	+	0.045714
Tbl2	MmulINT0157745	chr5	1.36E+08	1.36E+08	+	0.032254
Tbl3	MmulINT0157746	chr17	24843112	24844468	-	0.022827
Tbl3	MmulINT0157747	chr17	24841223	24841311	-	0.014814
Tbl3	MmulINT0157748	chr17	24840996	24841080	-	0.016786
Tbl3	MmulINT0157749	chr17	24840287	24840936	-	0.015508
Tbl3	MmulINT0157750	chr17	24839569	24840182	-	0.02354
Tbl3	MmulINT0157751	chr17	24839321	24839420	-	0.029899
Tbl3	MmulINT0157752	chr17	24838993	24839089	-	0.018876
Tbl3	MmulINT0157753	chr17	24838844	24838921	-	0.013844
Tbl3	MmulINT0157754	chr17	24838607	24838686	-	0.020004
Tbl3	MmulINT0157755	chr17	24838329	24838547	-	0.014134
Tbl3	MmulINT0157756	chr17	24838137	24838224	-	0.022399
Tbl3	MmulINT0157757	chr17	24842976	24843059	-	0.028257
Tbl3	MmulINT0157758	chr17	24837980	24838064	-	0.017081
Tbl3	MmulINT0157759	chr17	24837731	24837820	-	0.023226
Tbl3	MmulINT0157760	chr17	24842794	24842879	-	0.023385
Tbl3	MmulINT0157761	chr17	24842652	24842745	-	0.022326
Tbl3	MmulINT0157762	chr17	24842427	24842509	-	0.014859
Tbl3	MmulINT0157763	chr17	24842263	24842341	-	0.04093
Tbl3	MmulINT0157764	chr17	24841832	24842091	-	0.018033
Tbl3	MmulINT0157765	chr17	24841671	24841755	-	0.031089
Tbl3	MmulINT0157766	chr17	24841494	24841576	-	0.028728
Tbp	MmulINT0157767	chr17	15636989	15639928	+	0.074603
Tbp	MmulINT0157768	chr17	15640093	15641237	+	0.017061
Tbp	MmulINT0157769	chr17	15641612	15644306	+	0.014422
Tbp	MmulINT0157770	chr17	15644395	15650493	+	0.028686
Tbp	MmulINT0157771	chr17	15650586	15651193	+	0.110463
Tbp	MmulINT0157772	chr17	15651362	15652579	+	0.218868
Tbp	MmulINT0157773	chr17	15652675	15653667	+	0.065339
Tbpl1	MmulINT0157774	chr10	22431898	22450921	-	0.022285
Tbpl1	MmulINT0157775	chr10	22429246	22431719	-	0.039378
Tbpl1	MmulINT0157776	chr10	22429016	22429162	-	0.033508
Tbpl1	MmulINT0157777	chr10	22427681	22428951	-	0.084052
Tbpl1	MmulINT0157778	chr10	22427490	22427576	-	0.018789
Tbpl1	MmulINT0157779	chr10	22425702	22427394	-	0.049777
Tbrg1	MmulINT0157791	chr9	37462678	37464582	-	0.020256
Tbrg1	MmulINT0157792	chr9	37462022	37462606	-	0.008221
Tbrg1	MmulINT0157793	chr9	37460755	37461800	-	0.012112

Tbrg1	MmuINT0157794	chr9	37460347	37460617	-	0.045486
Tbrg1	MmuINT0157795	chr9	37458973	37460199	-	0.027603
Tbrg1	MmuINT0157796	chr9	37458645	37458874	-	0.021924
Tbrg1	MmuINT0157797	chr9	37457759	37458533	-	0.03361
Tbrg1	MmuINT0157798	chr9	37457089	37457615	-	0.027167
Tbrg4	MmuINT0157799	chr11	6525217	6525967	-	0.037458
Tbrg4	MmuINT0157800	chr11	6517426	6517520	-	0.003826
Tbrg4	MmuINT0157801	chr11	6516718	6517310	-	0.008677
Tbrg4	MmuINT0157802	chr11	6515770	6516560	-	0.798333
Tbrg4	MmuINT0157803	chr11	6524287	6525151	-	0.031737
Tbrg4	MmuINT0157804	chr11	6521069	6523818	-	0.021508
Tbrg4	MmuINT0157805	chr11	6520147	6520744	-	0.123134
Tbrg4	MmuINT0157806	chr11	6519717	6519974	-	0.007877
Tbrg4	MmuINT0157807	chr11	6519114	6519558	-	0.008293
Tbrg4	MmuINT0157808	chr11	6518608	6518999	-	0.004754
Tbrg4	MmuINT0157809	chr11	6518212	6518462	-	0.006302
Tbrg4	MmuINT0157810	chr11	6517633	6517965	-	0.013608
Tbx18	MmuINT0157836	chr9	87602697	87608332	-	0.158662
Tbx2	MmuINT0157845	chr11	85647004	85648121	+	0.159702
Tbx2	MmuINT0157846	chr11	85648390	85649296	+	0.070253
Tbx2	MmuINT0157847	chr11	85649444	85650554	+	0.080685
Tbx2	MmuINT0157848	chr11	85650632	85650727	+	0.032317
Tbx2	MmuINT0157849	chr11	85650892	85651345	+	0.037339
Tbx2	MmuINT0157850	chr11	85651984	85654069	+	0.168589
Tbx20	MmuINT0157852	chr9	24575374	24578162	-	0.010347
Tbx20	MmuINT0157853	chr9	24574262	24575123	-	0.008569
Tbx20	MmuINT0157854	chr9	24570219	24574096	-	0.007987
Tbx20	MmuINT0157855	chr9	24563329	24570109	-	0.007688
Tbx20	MmuINT0157856	chr9	24554833	24563169	-	0.006384
Tbx20	MmuINT0157857	chr9	24532317	24554755	-	0.012535
Tbx20	MmuINT0157858	chr9	24530237	24532206	-	0.013145
Tbx3	MmuINT0157873	chr5	1.2E+08	1.2E+08	+	0.037599
Tbx3	MmuINT0157876	chr5	1.2E+08	1.2E+08	+	0.048236
Tbx3	MmuINT0157877	chr5	1.2E+08	1.2E+08	+	0.039322
Tbx3	MmuINT0157878	chr5	1.2E+08	1.2E+08	+	0.050887
Tbx3	MmuINT0157879	chr5	1.2E+08	1.2E+08	+	0.09332
Tbx5	MmuINT0157889	chr5	1.2E+08	1.2E+08	+	0.235814
Tbx5	MmuINT0157890	chr5	1.2E+08	1.2E+08	+	0.008071
Tbx5	MmuINT0157891	chr5	1.2E+08	1.2E+08	+	0.013154
Tbx5	MmuINT0157892	chr5	1.2E+08	1.2E+08	+	0.006356
Tbx5	MmuINT0157893	chr5	1.2E+08	1.2E+08	+	0.00417
Tbx5	MmuINT0157894	chr5	1.2E+08	1.2E+08	+	0.007318
Tbx5	MmuINT0157895	chr5	1.2E+08	1.2E+08	+	0.006584
Tbx5	MmuINT0157896	chr5	1.2E+08	1.2E+08	+	0.012377
Tbxas1	MmuINT0157908	chr6	39021447	39030937	+	0.05498
Tbxas1	MmuINT0157909	chr6	39031076	39033691	+	0.49431
Tbxas1	MmuINT0157910	chr6	39033855	39034294	+	0.044761
Tbxas1	MmuINT0157911	chr6	38898635	38901876	+	0.064932
Tbxas1	MmuINT0157915	chr6	38967980	38971037	+	0.069139
Tbxas1	MmuINT0157916	chr6	38971187	38972967	+	0.058868



Tbxas1	MmuINT0157918	chr6	38977954	39021354	+	0.039099
Tcap	MmuINT0157938	chr11	98245271	98245465	+	0.006369
Tcea1	MmuINT0157944	chr1	4882151	4883497	+	0.001753
Tcea2	MmuINT0157949	chr2	1.81E+08	1.81E+08	+	0.231452
Tcea2	MmuINT0157950	chr2	1.81E+08	1.81E+08	+	0.038455
Tcea2	MmuINT0157951	chr2	1.81E+08	1.81E+08	+	0.046506
Tcea2	MmuINT0157952	chr2	1.81E+08	1.81E+08	+	0.240088
Tcea2	MmuINT0157953	chr2	1.81E+08	1.81E+08	+	0.138668
Tcea2	MmuINT0157954	chr2	1.81E+08	1.81E+08	+	0.168447
Tcea2	MmuINT0157955	chr2	1.81E+08	1.81E+08	+	0.022966
Tcea2	MmuINT0157956	chr2	1.81E+08	1.81E+08	+	0.154272
Tcea2	MmuINT0157957	chr2	1.81E+08	1.81E+08	+	0.114642
Tcea3	MmuINT0157958	chr4	1.36E+08	1.36E+08	+	0.039732
Tcea3	MmuINT0157959	chr4	1.36E+08	1.36E+08	+	0.001842
Tcea3	MmuINT0157960	chr4	1.36E+08	1.36E+08	+	0.001063
Tcea3	MmuINT0157961	chr4	1.36E+08	1.36E+08	+	0.024565
Tcea3	MmuINT0157962	chr4	1.36E+08	1.36E+08	+	0.004647
Tcea3	MmuINT0157963	chr4	1.36E+08	1.36E+08	+	0.001594
Tcea3	MmuINT0157964	chr4	1.36E+08	1.36E+08	+	0.001411
Tcea3	MmuINT0157965	chr4	1.36E+08	1.36E+08	+	0.008195
Tcea3	MmuINT0157966	chr4	1.36E+08	1.36E+08	+	0.003712
Tcea3	MmuINT0157967	chr4	1.36E+08	1.36E+08	+	0.001315
Tceal1	MmuINT0157968	chrX	1.33E+08	1.33E+08	+	0.006957
Tceal8	MmuINT0157979	chrX	1.33E+08	1.33E+08	-	0.012951
Tceal8	MmuINT0157980	chrX	1.33E+08	1.33E+08	-	0.012585
Tceb1	MmuINT0157985	chr1	16638089	16646902	-	0.00775
Tceb1	MmuINT0157986	chr1	16635911	16638035	-	0.007765
Tceb1	MmuINT0157987	chr1	16633560	16635766	-	0.000358
Tceb3	MmuINT0157991	chr4	1.36E+08	1.36E+08	-	0.025819
Tceb3	MmuINT0157992	chr4	1.36E+08	1.36E+08	-	0.008035
Tceb3	MmuINT0157993	chr4	1.36E+08	1.36E+08	-	0.012911
Tceb3	MmuINT0157994	chr4	1.36E+08	1.36E+08	-	0.008158
Tceb3	MmuINT0157995	chr4	1.36E+08	1.36E+08	-	0.011091
Tceb3	MmuINT0157996	chr4	1.36E+08	1.36E+08	-	0.007935
Tceb3	MmuINT0157997	chr4	1.36E+08	1.36E+08	-	0.012275
Tceb3	MmuINT0157998	chr4	1.36E+08	1.36E+08	-	0.011751
Tceb3	MmuINT0157999	chr4	1.36E+08	1.36E+08	-	0.006908
Tceb3	MmuINT0158000	chr4	1.36E+08	1.36E+08	-	0.006791
Tcerg1	MmuINT0158001	chr18	42671240	42679021	+	0.023878
Tcerg1	MmuINT0158002	chr18	42708212	42709491	+	0.038831
Tcerg1	MmuINT0158003	chr18	42709549	42709695	+	0.053178
Tcerg1	MmuINT0158004	chr18	42709763	42712145	+	0.05353
Tcerg1	MmuINT0158005	chr18	42712282	42713061	+	0.151152
Tcerg1	MmuINT0158006	chr18	42713152	42720587	+	0.012712
Tcerg1	MmuINT0158007	chr18	42720707	42723736	+	0.013503
Tcerg1	MmuINT0158008	chr18	42723888	42727524	+	0.023875
Tcerg1	MmuINT0158009	chr18	42727690	42728081	+	0.011086
Tcerg1	MmuINT0158010	chr18	42728265	42730668	+	0.011029
Tcerg1	MmuINT0158011	chr18	42730849	42731477	+	0.04164
Tcerg1	MmuINT0158012	chr18	42679248	42682567	+	0.018174

Tcerg1	MmuINT0158013	chr18	42731562	42732913	+	0.020081
Tcerg1	MmuINT0158014	chr18	42733015	42734171	+	0.03043
Tcerg1	MmuINT0158015	chr18	42682721	42683546	+	0.017111
Tcerg1	MmuINT0158016	chr18	42684007	42690301	+	0.012721
Tcerg1	MmuINT0158017	chr18	42690545	42694738	+	0.027919
Tcerg1	MmuINT0158018	chr18	42694802	42695831	+	0.029555
Tcerg1	MmuINT0158019	chr18	42696033	42696515	+	0.013576
Tcerg1	MmuINT0158020	chr18	42696629	42697621	+	0.014184
Tcerg1	MmuINT0158021	chr18	42697711	42708050	+	0.015192
Tcf12	MmuINT0158033	chr9	71958642	71959382	-	0.027401
Tcf12	MmuINT0158034	chr9	71731059	71731462	-	0.017509
Tcf12	MmuINT0158035	chr9	71730589	71730913	-	0.017922
Tcf12	MmuINT0158036	chr9	71723875	71730523	-	0.027234
Tcf12	MmuINT0158037	chr9	71717955	71723795	-	0.016263
Tcf12	MmuINT0158039	chr9	71716086	71716805	-	0.107883
Tcf12	MmuINT0158040	chr9	71706762	71715878	-	0.011333
Tcf12	MmuINT0158041	chr9	71706454	71706646	-	0.020629
Tcf12	MmuINT0158042	chr9	71704345	71706290	-	0.010715
Tcf12	MmuINT0158043	chr9	71697733	71704111	-	0.025251
Tcf12	MmuINT0158044	chr9	71957556	71958544	-	0.021531
Tcf12	MmuINT0158045	chr9	71694368	71697578	-	0.017141
Tcf12	MmuINT0158046	chr9	71863519	71957482	-	0.029557
Tcf12	MmuINT0158048	chr9	71791826	71848222	-	0.028983
Tcf12	MmuINT0158049	chr9	71770595	71791760	-	0.027622
Tcf12	MmuINT0158050	chr9	71764865	71770458	-	0.018986
Tcf12	MmuINT0158051	chr9	71733096	71764811	-	0.023138
Tcf12	MmuINT0158052	chr9	71731603	71732989	-	0.024401
Tcf15	MmuINT0158053	chr2	1.52E+08	1.52E+08	+	0.104691
Tcf19	MmuINT0158055	chr17	35651966	35652822	-	0.328605
Tcf19	MmuINT0158056	chr17	35650130	35651418	-	0.116373
Tcf20	MmuINT0158058	chr15	82655755	82681942	-	0.017985
Tcf20	MmuINT0158059	chr15	82646091	82655660	-	0.001797
Tcf20	MmuINT0158060	chr15	82645034	82646040	-	0.058521
Tcf20	MmuINT0158061	chr15	82640218	82644910	-	0.107284
Tcf21	MmuINT0158063	chr10	22537633	22539259	-	0.071504
Tcf25	MmuINT0158068	chr8	1.26E+08	1.26E+08	+	0.002471
Tcf25	MmuINT0158069	chr8	1.26E+08	1.26E+08	+	0.00245
Tcf25	MmuINT0158070	chr8	1.26E+08	1.26E+08	+	0.003415
Tcf25	MmuINT0158071	chr8	1.26E+08	1.26E+08	+	0.006414
Tcf25	MmuINT0158072	chr8	1.26E+08	1.26E+08	+	0.003038
Tcf25	MmuINT0158073	chr8	1.26E+08	1.26E+08	+	0.014802
Tcf25	MmuINT0158074	chr8	1.26E+08	1.26E+08	+	0.01169
Tcf25	MmuINT0158075	chr8	1.26E+08	1.26E+08	+	0.001491
Tcf25	MmuINT0158076	chr8	1.26E+08	1.26E+08	+	0.002669
Tcf25	MmuINT0158077	chr8	1.26E+08	1.26E+08	+	0.004285
Tcf25	MmuINT0158078	chr8	1.26E+08	1.26E+08	+	0.007645
Tcf25	MmuINT0158079	chr8	1.26E+08	1.26E+08	+	0.009565
Tcf25	MmuINT0158080	chr8	1.26E+08	1.26E+08	+	0.003572
Tcf25	MmuINT0158081	chr8	1.26E+08	1.26E+08	+	0.003497
Tcf25	MmuINT0158082	chr8	1.26E+08	1.26E+08	+	0.002845

Tcf3	MmuINT0158085	chr10	79893814	79896064	-	0.076849
Tcf3	MmuINT0158086	chr10	79879971	79880057	-	0.01949
Tcf3	MmuINT0158087	chr10	79879535	79879834	-	0.017458
Tcf3	MmuINT0158088	chr10	79879384	79879475	-	0.073191
Tcf3	MmuINT0158089	chr10	79878672	79879304	-	0.070587
Tcf3	MmuINT0158090	chr10	79878269	79878597	-	0.034292
Tcf3	MmuINT0158091	chr10	79876083	79877906	-	0.059667
Tcf3	MmuINT0158092	chr10	79873370	79875949	-	0.146479
Tcf3	MmuINT0158093	chr10	79890489	79893681	-	0.018651
Tcf3	MmuINT0158094	chr10	79884151	79890415	-	0.023705
Tcf3	MmuINT0158095	chr10	79883912	79884076	-	0.029087
Tcf3	MmuINT0158096	chr10	79882834	79883832	-	0.029165
Tcf3	MmuINT0158097	chr10	79882345	79882765	-	0.031472
Tcf3	MmuINT0158098	chr10	79881564	79882211	-	0.110589
Tcf3	MmuINT0158099	chr10	79880216	79880282	-	0.026413
Tcf4	MmuINT0158102	chr18	69796619	69802536	+	0.006538
Tcf4	MmuINT0158103	chr18	69802670	69810875	+	0.008353
Tcf4	MmuINT0158104	chr18	69810944	69812047	+	0.010606
Tcf4	MmuINT0158105	chr18	69812127	69814614	+	0.008371
Tcf4	MmuINT0158106	chr18	69814692	69817400	+	0.006378
Tcf4	MmuINT0158107	chr18	69817605	69835352	+	0.005352
Tcf4	MmuINT0158108	chr18	69837784	69841222	+	0.153296
Tcf4	MmuINT0158109	chr18	69841453	69842336	+	0.03225
Tcf4	MmuINT0158110	chr18	69842478	69842730	+	0.008282
Tcf4	MmuINT0158111	chr18	69507025	69508725	+	0.026687
Tcf4	MmuINT0158112	chr18	69508799	69621515	+	0.029456
Tcf4	MmuINT0158113	chr18	69621578	69625004	+	0.021936
Tcf4	MmuINT0158114	chr18	69625102	69679618	+	0.030962
Tcf4	MmuINT0158115	chr18	69679681	69723687	+	0.046599
Tcf4	MmuINT0158116	chr18	69723818	69724288	+	0.019284
Tcf4	MmuINT0158117	chr18	69724339	69793230	+	0.044985
Tcf4	MmuINT0158118	chr18	69793337	69796484	+	0.006827
Tcf7l1	MmuINT0158129	chr6	72738620	72738703	-	0.039346
Tcf7l1	MmuINT0158130	chr6	72580026	72581005	-	0.036346
Tcf7l1	MmuINT0158131	chr6	72577788	72579949	-	0.0316
Tcf7l1	MmuINT0158132	chr6	72738333	72738555	-	0.039546
Tcf7l1	MmuINT0158133	chr6	72599198	72738204	-	0.020697
Tcf7l1	MmuINT0158135	chr6	72583313	72584093	-	0.021628
Tcf7l1	MmuINT0158136	chr6	72583005	72583209	-	0.040894
Tcf7l1	MmuINT0158137	chr6	72582091	72582920	-	0.029438
Tcf7l1	MmuINT0158138	chr6	72581369	72581949	-	0.016214
Tcf7l1	MmuINT0158139	chr6	72581114	72581208	-	0.032357
Tcf7l2	MmuINT0158140	chr19	55817021	55817265	+	0.192431
Tcf7l2	MmuINT0158141	chr19	55994109	55998385	+	0.042052
Tcf7l2	MmuINT0158145	chr19	56002245	56005923	+	0.94586
Tcf7l2	MmuINT0158148	chr19	55892356	55982912	+	0.032783
Tcf7l2	MmuINT0158150	chr19	55991970	55993374	+	0.030663
Tcf7l2	MmuINT0158151	chr19	55993535	55994000	+	0.038654
Tcfap4	MmuINT0158197	chr16	4551401	4551745	-	0.062262
Tcfap4	MmuINT0158200	chr16	4545748	4547254	-	0.069969

Tcfcp2	MmuINT0158201	chr15	1E+08	1E+08	-	0.473362
Tcfcp2	MmuINT0158202	chr15	1E+08	1E+08	-	0.025101
Tcfcp2	MmuINT0158203	chr15	1E+08	1E+08	-	0.072474
Tcfcp2	MmuINT0158204	chr15	1E+08	1E+08	-	0.06171
Tcfcp2	MmuINT0158205	chr15	1E+08	1E+08	-	0.030426
Tcfcp2	MmuINT0158206	chr15	1E+08	1E+08	-	0.063135
Tcfcp2	MmuINT0158207	chr15	1E+08	1E+08	-	0.030606
Tcfcp2	MmuINT0158208	chr15	1E+08	1E+08	-	0.028517
Tcfcp2	MmuINT0158209	chr15	1E+08	1E+08	-	0.031488
Tcfcp2	MmuINT0158210	chr15	1E+08	1E+08	-	0.053186
Tcfcp2	MmuINT0158211	chr15	1E+08	1E+08	-	0.034585
Tcfcp2	MmuINT0158212	chr15	1E+08	1E+08	-	0.041471
Tcfcp2	MmuINT0158214	chr15	1E+08	1E+08	-	0.031089
Tcfcp2	MmuINT0158215	chr15	1E+08	1E+08	-	0.031867
Tcfe3	MmuINT0158230	chrX	7340187	7342632	+	0.039083
Tcfe3	MmuINT0158231	chrX	7342747	7343680	+	0.026868
Tcfe3	MmuINT0158232	chrX	7343982	7344564	+	0.024326
Tcfe3	MmuINT0158234	chrX	7346674	7347899	+	0.075518
Tcfe3	MmuINT0158235	chrX	7347957	7348120	+	0.070524
Tcfe3	MmuINT0158236	chrX	7348197	7349574	+	0.088457
Tcfe3	MmuINT0158237	chrX	7349723	7350619	+	0.062425
Tcfcb	MmuINT0158240	chr17	47923482	47923879	+	0.011494
Tcfcb	MmuINT0158241	chr17	47923961	47924974	+	0.023135
Tcfcb	MmuINT0158242	chr17	47925096	47925185	+	0.007355
Tcfcb	MmuINT0158243	chr17	47925243	47925857	+	0.053869
Tcfcb	MmuINT0158244	chr17	47925934	47926609	+	0.028135
Tcfcb	MmuINT0158245	chr17	47926758	47928283	+	0.010764
Tchp	MmuINT0158260	chr5	1.15E+08	1.15E+08	+	0.032255
Tchp	MmuINT0158261	chr5	1.15E+08	1.15E+08	+	0.080827
Tchp	MmuINT0158262	chr5	1.15E+08	1.15E+08	+	0.048876
Tchp	MmuINT0158263	chr5	1.15E+08	1.15E+08	+	0.03487
Tchp	MmuINT0158264	chr5	1.15E+08	1.15E+08	+	0.064101
Tchp	MmuINT0158265	chr5	1.15E+08	1.15E+08	+	0.080191
Tchp	MmuINT0158266	chr5	1.15E+08	1.15E+08	+	0.045252
Tchp	MmuINT0158268	chr5	1.15E+08	1.15E+08	+	0.087985
Tchp	MmuINT0158269	chr5	1.15E+08	1.15E+08	+	0.054142
Tchp	MmuINT0158270	chr5	1.15E+08	1.15E+08	+	0.068588
Tchp	MmuINT0158271	chr5	1.15E+08	1.15E+08	+	0.039823
Tcirg1	MmuINT0158272	chr19	3904706	3907018	-	0.06972
Tcirg1	MmuINT0158273	chr19	3899120	3901890	-	0.038857
Tcirg1	MmuINT0158274	chr19	3898876	3898979	-	0.020094
Tcirg1	MmuINT0158275	chr19	3898639	3898717	-	0.043866
Tcirg1	MmuINT0158276	chr19	3897877	3898547	-	0.099582
Tcirg1	MmuINT0158277	chr19	3897682	3897757	-	0.124621
Tcirg1	MmuINT0158278	chr19	3897170	3897467	-	0.132976
Tcirg1	MmuINT0158279	chr19	3896903	3897037	-	0.033191
Tcirg1	MmuINT0158280	chr19	3896722	3896794	-	0.048577
Tcirg1	MmuINT0158281	chr19	3896448	3896603	-	0.026458
Tcirg1	MmuINT0158282	chr19	3896193	3896269	-	0.04811
Tcirg1	MmuINT0158283	chr19	3904296	3904584	-	0.028382

Tcirg1	MmuINT0158284	chr19	3903730	3904216	-	0.023095
Tcirg1	MmuINT0158285	chr19	3903429	3903508	-	0.027641
Tcirg1	MmuINT0158286	chr19	3903173	3903339	-	0.346601
Tcirg1	MmuINT0158287	chr19	3902965	3903045	-	0.020584
Tcirg1	MmuINT0158288	chr19	3902725	3902881	-	0.024619
Tcirg1	MmuINT0158289	chr19	3902557	3902630	-	0.065274
Tcirg1	MmuINT0158290	chr19	3902036	3902343	-	0.72891
Tcn2	MmuINT0158311	chr11	3827586	3831395	-	0.0072
Tcn2	MmuINT0158312	chr11	3826173	3827392	-	0.037828
Tcn2	MmuINT0158313	chr11	3825106	3826002	-	0.007955
Tcn2	MmuINT0158314	chr11	3823878	3824943	-	0.004021
Tcn2	MmuINT0158315	chr11	3823586	3823704	-	0.004747
Tcn2	MmuINT0158316	chr11	3822180	3823398	-	0.066483
Tcn2	MmuINT0158317	chr11	3819409	3822013	-	0.081163
Tcn2	MmuINT0158318	chr11	3817713	3819292	-	0.017633
Tcof1	MmuINT0158320	chr18	61005521	61008404	-	0.029791
Tcof1	MmuINT0158321	chr18	60991964	60992080	-	0.030883
Tcof1	MmuINT0158322	chr18	60991650	60991819	-	0.029878
Tcof1	MmuINT0158323	chr18	60991335	60991427	-	0.016754
Tcof1	MmuINT0158324	chr18	60988770	60991166	-	0.014763
Tcof1	MmuINT0158325	chr18	60988490	60988667	-	0.013008
Tcof1	MmuINT0158326	chr18	60988214	60988309	-	0.019946
Tcof1	MmuINT0158327	chr18	60982645	60988018	-	0.061148
Tcof1	MmuINT0158328	chr18	60981419	60982457	-	0.014496
Tcof1	MmuINT0158329	chr18	60979265	60981296	-	0.016407
Tcof1	MmuINT0158330	chr18	60978599	60979041	-	0.01366
Tcof1	MmuINT0158331	chr18	61003026	61005464	-	0.040646
Tcof1	MmuINT0158332	chr18	60977865	60978515	-	0.01482
Tcof1	MmuINT0158333	chr18	60976183	60977683	-	0.017222
Tcof1	MmuINT0158335	chr18	60974223	60974611	-	0.028365
Tcof1	MmuINT0158336	chr18	60999288	61002879	-	0.029436
Tcof1	MmuINT0158337	chr18	60998516	60999225	-	0.034848
Tcof1	MmuINT0158338	chr18	60997625	60998328	-	0.022551
Tcof1	MmuINT0158339	chr18	60995561	60997550	-	0.019444
Tcof1	MmuINT0158340	chr18	60993287	60995308	-	0.029358
Tcof1	MmuINT0158341	chr18	60992585	60993073	-	0.02014
Tcof1	MmuINT0158342	chr18	60992279	60992374	-	0.01595
Tcp1	MmuINT0158343	chr17	13109496	13110663	+	0.017694
Tcp1	MmuINT0158344	chr17	13116277	13116395	+	0.001087
Tcp1	MmuINT0158345	chr17	13110750	13110908	+	0.003753
Tcp1	MmuINT0158346	chr17	13111038	13112216	+	0.016823
Tcp1	MmuINT0158347	chr17	13112315	13112680	+	0.015874
Tcp1	MmuINT0158348	chr17	13112792	13113141	+	0.004462
Tcp1	MmuINT0158349	chr17	13113324	13113605	+	0.001613
Tcp1	MmuINT0158350	chr17	13113733	13114968	+	0.001225
Tcp1	MmuINT0158351	chr17	13115145	13115474	+	0.001051
Tcp1	MmuINT0158352	chr17	13115599	13116083	+	0.000744
Tcp11l2	MmuINT0158385	chr10	84039758	84047492	+	0.001901
Tcp11l2	MmuINT0158386	chr10	84047801	84049848	+	0.002605
Tcp11l2	MmuINT0158387	chr10	84049985	84052628	+	0.003659

Tcp11l2	MmuINT0158388	chr10	84052750	84053832	+	0.002275
Tcp11l2	MmuINT0158389	chr10	84054054	84057392	+	0.001496
Tcp11l2	MmuINT0158390	chr10	84057530	84067251	+	0.005548
Tcp11l2	MmuINT0158391	chr10	84067434	84067630	+	0.016112
Tcp11l2	MmuINT0158392	chr10	84067813	84071209	+	0.009399
Tcp11l2	MmuINT0158393	chr10	84071383	84076226	+	0.006674
Tcta	MmuINT0158394	chr9	1.08E+08	1.08E+08	-	0.466539
Tcta	MmuINT0158395	chr9	1.08E+08	1.08E+08	-	0.03235
Tctex1d2	MmuINT0158407	chr16	32420014	32422905	+	0.001443
Tctex1d2	MmuINT0158409	chr16	32425397	32426943	+	0.039667
Tctex1d2	MmuINT0158410	chr16	32427008	32428841	+	0.03026
Tctn1	MmuINT0158415	chr5	1.23E+08	1.23E+08	-	0.30159
Tctn1	MmuINT0158416	chr5	1.23E+08	1.23E+08	-	0.194663
Tctn1	MmuINT0158417	chr5	1.23E+08	1.23E+08	-	0.047738
Tctn1	MmuINT0158424	chr5	1.23E+08	1.23E+08	-	0.196543
Tctn2	MmuINT0158432	chr5	1.25E+08	1.25E+08	+	0.057404
Tctn2	MmuINT0158433	chr5	1.25E+08	1.25E+08	+	0.04781
Tctn2	MmuINT0158434	chr5	1.25E+08	1.25E+08	+	0.042009
Tctn3	MmuINT0158443	chr19	40686265	40686414	-	0.029219
Tctn3	MmuINT0158444	chr19	40680288	40680715	-	0.132809
Tctn3	MmuINT0158445	chr19	40679950	40680192	-	0.153267
Tctn3	MmuINT0158446	chr19	40677433	40679795	-	0.062427
Tctn3	MmuINT0158447	chr19	40672033	40677294	-	0.046246
Tctn3	MmuINT0158448	chr19	40685903	40686140	-	0.0394
Tctn3	MmuINT0158449	chr19	40683823	40685783	-	0.151614
Tctn3	MmuINT0158450	chr19	40683501	40683691	-	0.050488
Tctn3	MmuINT0158453	chr19	40682197	40682709	-	0.032439
Tctn3	MmuINT0158454	chr19	40681894	40682115	-	0.038799
Tctn3	MmuINT0158455	chr19	40680824	40681767	-	0.170828
Tdp1	MmuINT0158490	chr12	1.01E+08	1.01E+08	+	0.029566
Tdp1	MmuINT0158491	chr12	1.01E+08	1.01E+08	+	0.105212
Tdp1	MmuINT0158492	chr12	1.01E+08	1.01E+08	+	0.050087
Tdp1	MmuINT0158493	chr12	1.01E+08	1.01E+08	+	0.022871
Tdp1	MmuINT0158494	chr12	1.01E+08	1.01E+08	+	0.02232
Tdp1	MmuINT0158495	chr12	1.01E+08	1.01E+08	+	0.037002
Tdp1	MmuINT0158496	chr12	1.01E+08	1.01E+08	+	0.034463
Tdp1	MmuINT0158497	chr12	1.01E+08	1.01E+08	+	0.0407
Tdp1	MmuINT0158498	chr12	1.01E+08	1.01E+08	+	0.04368
Tdp1	MmuINT0158499	chr12	1.01E+08	1.01E+08	+	0.040754
Tdp1	MmuINT0158500	chr12	1.01E+08	1.01E+08	+	0.044205
Tdp1	MmuINT0158501	chr12	1.01E+08	1.01E+08	+	0.035232
Tdp1	MmuINT0158502	chr12	1.01E+08	1.01E+08	+	0.031021
Tdp1	MmuINT0158503	chr12	1.01E+08	1.01E+08	+	0.030983
Tdp2	MmuINT0158504	chr13	24923799	24923878	+	0.098108
Tdp2	MmuINT0158505	chr13	24923965	24927884	+	0.244687
Tdp2	MmuINT0158506	chr13	24928056	24928723	+	0.130722
Tdp2	MmuINT0158507	chr13	24928816	24930015	+	0.023571
Tdp2	MmuINT0158508	chr13	24930135	24932256	+	0.049938
Tdp2	MmuINT0158509	chr13	24932428	24932955	+	0.015932
Tdrd3	MmuINT0158545	chr14	87816656	87856840	+	0.055895

Tdrd3	MmuINT0158546	chr14	87887095	87905565	+	0.008532
Tdrd3	MmuINT0158547	chr14	87906414	87911451	+	0.007826
Tdrd3	MmuINT0158548	chr14	87911578	87939203	+	0.159235
Tdrd3	MmuINT0158549	chr14	87939329	87945063	+	0.009364
Tdrd3	MmuINT0158550	chr14	87856926	87858563	+	0.030112
Tdrd3	MmuINT0158551	chr14	87858630	87871882	+	0.023199
Tdrd3	MmuINT0158552	chr14	87872044	87874505	+	0.017541
Tdrd3	MmuINT0158553	chr14	87874648	87877196	+	0.021423
Tdrd3	MmuINT0158554	chr14	87877269	87880540	+	0.025529
Tdrd3	MmuINT0158555	chr14	87880691	87885365	+	0.010848
Tdrd3	MmuINT0158556	chr14	87885507	87885998	+	0.010874
Tdrd3	MmuINT0158557	chr14	87886156	87886968	+	0.012745
Tdrd7	MmuINT0158579	chr4	46000547	46001949	+	0.022701
Tdrd7	MmuINT0158580	chr4	46029876	46031401	+	0.081186
Tdrd7	MmuINT0158581	chr4	46031489	46033676	+	0.089122
Tdrd7	MmuINT0158582	chr4	46033812	46036266	+	0.021489
Tdrd7	MmuINT0158583	chr4	46036378	46038528	+	0.025914
Tdrd7	MmuINT0158584	chr4	46039032	46042518	+	0.085697
Tdrd7	MmuINT0158585	chr4	46042680	46047167	+	0.061562
Tdrd7	MmuINT0158586	chr4	46002092	46002921	+	0.01906
Tdrd7	MmuINT0158587	chr4	46003103	46005068	+	0.033252
Tdrd7	MmuINT0158588	chr4	46005143	46007178	+	0.033351
Tdrd7	MmuINT0158589	chr4	46007397	46017988	+	0.027815
Tdrd7	MmuINT0158590	chr4	46018573	46020326	+	0.01516
Tdrd7	MmuINT0158591	chr4	46020514	46023661	+	0.021153
Tdrd7	MmuINT0158592	chr4	46023774	46025937	+	0.015363
Tdrd7	MmuINT0158593	chr4	46026141	46029740	+	0.022846
Tdrkh	MmuINT0158631	chr3	94233381	94233972	+	0.046558
Tdrkh	MmuINT0158632	chr3	94234070	94234481	+	0.097813
Tdrkh	MmuINT0158633	chr3	94226874	94227616	+	0.038741
Tdrkh	MmuINT0158634	chr3	94227724	94228422	+	0.033116
Tdrkh	MmuINT0158635	chr3	94228613	94229484	+	0.036018
Tdrkh	MmuINT0158636	chr3	94229625	94229712	+	0.027961
Tdrkh	MmuINT0158637	chr3	94230035	94231776	+	0.448335
Tead1	MmuINT0158641	chr7	1.2E+08	1.2E+08	+	0.031414
Tead1	MmuINT0158642	chr7	1.2E+08	1.2E+08	+	0.003924
Tead1	MmuINT0158643	chr7	1.2E+08	1.2E+08	+	0.004978
Tead1	MmuINT0158644	chr7	1.2E+08	1.2E+08	+	0.004595
Tead1	MmuINT0158645	chr7	1.2E+08	1.2E+08	+	0.006
Tead1	MmuINT0158646	chr7	1.2E+08	1.2E+08	+	0.005054
Tead1	MmuINT0158648	chr7	1.2E+08	1.2E+08	+	0.052942
Tead1	MmuINT0158649	chr7	1.2E+08	1.2E+08	+	0.013917
Tead1	MmuINT0158650	chr7	1.2E+08	1.2E+08	+	0.006712
Tead1	MmuINT0158651	chr7	1.2E+08	1.2E+08	+	0.00601
Tead1	MmuINT0158652	chr7	1.2E+08	1.2E+08	+	0.009712
Tead1	MmuINT0158653	chr7	1.2E+08	1.2E+08	+	0.005567
Tead2	MmuINT0158657	chr7	52486841	52487552	+	0.076898
Tead2	MmuINT0158658	chr7	52487706	52488184	+	0.03557
Tead2	MmuINT0158659	chr7	52472821	52473450	+	0.062578
Tead2	MmuINT0158665	chr7	52481166	52484008	+	0.084154

Tead2	MmuINT0158666	chr7	52484183	52486678	+	0.058166
Tead3	MmuINT0158668	chr17	28470278	28470450	-	0.022637
Tead3	MmuINT0158669	chr17	28470049	28470136	-	0.010215
Tead3	MmuINT0158670	chr17	28469779	28469895	-	0.010258
Tead3	MmuINT0158671	chr17	28477164	28478293	-	0.014727
Tead3	MmuINT0158672	chr17	28473519	28477098	-	0.089368
Tead3	MmuINT0158673	chr17	28472442	28473455	-	0.890794
Tead3	MmuINT0158674	chr17	28471982	28472429	-	0.04963
Tead3	MmuINT0158675	chr17	28471699	28471843	-	0.025066
Tead3	MmuINT0158676	chr17	28471391	28471648	-	0.054207
Tead3	MmuINT0158677	chr17	28470882	28471328	-	0.025699
Tead3	MmuINT0158678	chr17	28470625	28470735	-	0.018035
Tead4	MmuINT0158680	chr6	1.28E+08	1.28E+08	-	0.043194
Tead4	MmuINT0158686	chr6	1.28E+08	1.28E+08	-	0.057546
Tead4	MmuINT0158688	chr6	1.28E+08	1.28E+08	-	0.090421
Tec	MmuINT0158695	chr5	73160078	73162385	-	0.012687
Tec	MmuINT0158696	chr5	73156826	73159943	-	0.016469
Tec	MmuINT0158697	chr5	73155535	73156750	-	0.011241
Tec	MmuINT0158698	chr5	73155020	73155362	-	0.009274
Tec	MmuINT0158699	chr5	73151647	73154802	-	0.012386
Tec	MmuINT0158700	chr5	73148962	73151581	-	0.066556
Tec	MmuINT0158701	chr5	73148760	73148842	-	0.01671
Tec	MmuINT0158702	chr5	73147619	73148601	-	0.014676
Tec	MmuINT0158703	chr5	73180484	73214694	-	0.022542
Tec	MmuINT0158704	chr5	73178059	73180378	-	0.044687
Tec	MmuINT0158705	chr5	73177285	73177976	-	0.019459
Tec	MmuINT0158706	chr5	73174998	73177155	-	0.028084
Tec	MmuINT0158707	chr5	73173415	73174956	-	0.028632
Tec	MmuINT0158708	chr5	73170726	73173241	-	0.033305
Tec	MmuINT0158709	chr5	73165125	73170659	-	0.035982
Tec	MmuINT0158710	chr5	73162466	73165069	-	0.020599
Tecpr1	MmuINT0158711	chr5	1.45E+08	1.45E+08	-	0.011834
Tecpr1	MmuINT0158712	chr5	1.45E+08	1.45E+08	-	0.027355
Tecpr1	MmuINT0158713	chr5	1.45E+08	1.45E+08	-	0.032349
Tecpr1	MmuINT0158714	chr5	1.45E+08	1.45E+08	-	0.01088
Tecpr1	MmuINT0158715	chr5	1.45E+08	1.45E+08	-	0.010238
Tecpr1	MmuINT0158716	chr5	1.45E+08	1.45E+08	-	0.009441
Tecpr1	MmuINT0158717	chr5	1.45E+08	1.45E+08	-	0.036683
Tecpr1	MmuINT0158718	chr5	1.45E+08	1.45E+08	-	0.0233
Tecpr1	MmuINT0158719	chr5	1.45E+08	1.45E+08	-	0.009114
Tecpr1	MmuINT0158720	chr5	1.45E+08	1.45E+08	-	0.10482
Tecpr1	MmuINT0158721	chr5	1.45E+08	1.45E+08	-	0.05352
Tecpr1	MmuINT0158722	chr5	1.45E+08	1.45E+08	-	0.008514
Tecpr1	MmuINT0158723	chr5	1.45E+08	1.45E+08	-	0.051244
Tecpr1	MmuINT0158724	chr5	1.45E+08	1.45E+08	-	0.034311
Tecpr1	MmuINT0158725	chr5	1.45E+08	1.45E+08	-	0.028309
Tecpr1	MmuINT0158726	chr5	1.45E+08	1.45E+08	-	0.069926
Tecpr1	MmuINT0158727	chr5	1.45E+08	1.45E+08	-	0.046983
Tecpr1	MmuINT0158728	chr5	1.45E+08	1.45E+08	-	0.084061
Tecpr1	MmuINT0158729	chr5	1.45E+08	1.45E+08	-	0.012508



Tecpr1	MmuINT0158730	chr5	1.45E+08	1.45E+08	-	0.012332
Tecpr1	MmuINT0158731	chr5	1.45E+08	1.45E+08	-	0.025031
Tecpr1	MmuINT0158732	chr5	1.45E+08	1.45E+08	-	0.008961
Tecpr1	MmuINT0158733	chr5	1.45E+08	1.45E+08	-	0.010645
Tecpr1	MmuINT0158734	chr5	1.45E+08	1.45E+08	-	0.006883
Tecpr2	MmuINT0158738	chr12	1.12E+08	1.12E+08	+	0.04113
Tecpr2	MmuINT0158739	chr12	1.12E+08	1.12E+08	+	0.132209
Tecpr2	MmuINT0158740	chr12	1.12E+08	1.12E+08	+	0.048166
Tecpr2	MmuINT0158742	chr12	1.12E+08	1.12E+08	+	0.049818
Tecpr2	MmuINT0158743	chr12	1.12E+08	1.12E+08	+	0.055808
Tecpr2	MmuINT0158744	chr12	1.12E+08	1.12E+08	+	0.069266
Tecpr2	MmuINT0158745	chr12	1.12E+08	1.12E+08	+	0.041623
Tecpr2	MmuINT0158747	chr12	1.12E+08	1.12E+08	+	0.079467
Tecpr2	MmuINT0158753	chr12	1.12E+08	1.12E+08	+	0.064265
Tecr	MmuINT0158756	chr8	86095958	86096130	-	0.002177
Tecr	MmuINT0158760	chr8	86097043	86097118	-	0.026219
Tecr	MmuINT0158761	chr8	86096846	86096926	-	0.015775
Tecr	MmuINT0158762	chr8	86096653	86096739	-	0.007069
Tecr	MmuINT0158764	chr8	86096355	86096447	-	0.006585
Tecr	MmuINT0158765	chr8	86096220	86096296	-	0.001062
Tecrl	MmuINT0158768	chr5	83767326	83783797	-	0.003809
Tecrl	MmuINT0158769	chr5	83709113	83709535	-	0.014577
Tecrl	MmuINT0158770	chr5	83708367	83709066	-	0.009607
Tecrl	MmuINT0158771	chr5	83742354	83767273	-	0.006779
Tecrl	MmuINT0158772	chr5	83738332	83742308	-	0.00622
Tecrl	MmuINT0158773	chr5	83729991	83738227	-	0.003756
Tecrl	MmuINT0158774	chr5	83723705	83729874	-	0.080764
Tecrl	MmuINT0158775	chr5	83720338	83723598	-	0.004272
Tecrl	MmuINT0158776	chr5	83719057	83720264	-	0.006557
Tecrl	MmuINT0158777	chr5	83713304	83719012	-	0.023483
Tecrl	MmuINT0158778	chr5	83709622	83713245	-	0.010437
Tef	MmuINT0158813	chr15	81645692	81651628	+	0.229532
Tef	MmuINT0158814	chr15	81651850	81653895	+	0.027061
Tek	MmuINT0158815	chr4	94406384	94447506	+	0.012861
Tek	MmuINT0158816	chr4	94494517	94496574	+	0.01204
Tek	MmuINT0158817	chr4	94496710	94503807	+	0.010354
Tek	MmuINT0158818	chr4	94504096	94516311	+	0.010797
Tek	MmuINT0158819	chr4	94516612	94518413	+	0.009948
Tek	MmuINT0158820	chr4	94518569	94520059	+	0.016861
Tek	MmuINT0158821	chr4	94520271	94522012	+	0.009553
Tek	MmuINT0158822	chr4	94522124	94525578	+	0.01532
Tek	MmuINT0158823	chr4	94525770	94526261	+	0.008152
Tek	MmuINT0158824	chr4	94526376	94530303	+	0.018972
Tek	MmuINT0158825	chr4	94530375	94531295	+	0.026183
Tek	MmuINT0158826	chr4	94447819	94465301	+	0.013384
Tek	MmuINT0158827	chr4	94531337	94532113	+	0.01732
Tek	MmuINT0158828	chr4	94532211	94539732	+	0.054203
Tek	MmuINT0158829	chr4	94539833	94540614	+	0.006891
Tek	MmuINT0158830	chr4	94465413	94465817	+	0.019772
Tek	MmuINT0158831	chr4	94465971	94470975	+	0.016167

Tek	MmuINT0158832	chr4	94471108	94471503	+	0.014583
Tek	MmuINT0158833	chr4	94471645	94477978	+	0.015744
Tek	MmuINT0158834	chr4	94478108	94486774	+	0.01561
Tek	MmuINT0158835	chr4	94486927	94493946	+	0.017885
Tek	MmuINT0158836	chr4	94494092	94494360	+	0.011272
Telo2	MmuINT0158871	chr17	25242789	25242933	-	0.056662
Telo2	MmuINT0158872	chr17	25242380	25242674	-	0.050337
Telo2	MmuINT0158873	chr17	25242121	25242290	-	0.038394
Telo2	MmuINT0158874	chr17	25241870	25242028	-	0.026519
Telo2	MmuINT0158875	chr17	25241624	25241752	-	0.048866
Telo2	MmuINT0158876	chr17	25240717	25241551	-	0.027748
Telo2	MmuINT0158877	chr17	25239674	25240524	-	0.076457
Telo2	MmuINT0158878	chr17	25239056	25239581	-	0.101377
Telo2	MmuINT0158879	chr17	25238650	25238955	-	0.194985
Telo2	MmuINT0158880	chr17	25238360	25238584	-	0.074136
Telo2	MmuINT0158881	chr17	25250203	25251881	-	0.115071
Telo2	MmuINT0158882	chr17	25237066	25238243	-	0.01898
Telo2	MmuINT0158883	chr17	25248130	25249924	-	0.093667
Telo2	MmuINT0158884	chr17	25247800	25248060	-	0.072603
Telo2	MmuINT0158885	chr17	25247275	25247651	-	0.119417
Telo2	MmuINT0158886	chr17	25244341	25247171	-	0.097769
Telo2	MmuINT0158887	chr17	25244076	25244271	-	0.038696
Telo2	MmuINT0158888	chr17	25243854	25243933	-	0.084737
Telo2	MmuINT0158889	chr17	25243014	25243716	-	0.094141
Tenc1	MmuINT0158890	chr15	1.02E+08	1.02E+08	+	0.425826
Tenc1	MmuINT0158891	chr15	1.02E+08	1.02E+08	+	0.197243
Tenc1	MmuINT0158892	chr15	1.02E+08	1.02E+08	+	0.011263
Tenc1	MmuINT0158893	chr15	1.02E+08	1.02E+08	+	0.028189
Tenc1	MmuINT0158894	chr15	1.02E+08	1.02E+08	+	0.019866
Tenc1	MmuINT0158895	chr15	1.02E+08	1.02E+08	+	0.006371
Tenc1	MmuINT0158896	chr15	1.02E+08	1.02E+08	+	0.024332
Tenc1	MmuINT0158897	chr15	1.02E+08	1.02E+08	+	0.036845
Tenc1	MmuINT0158898	chr15	1.02E+08	1.02E+08	+	0.040547
Tenc1	MmuINT0158899	chr15	1.02E+08	1.02E+08	+	0.131754
Tenc1	MmuINT0158900	chr15	1.02E+08	1.02E+08	+	0.05899
Tenc1	MmuINT0158901	chr15	1.02E+08	1.02E+08	+	0.05039
Tenc1	MmuINT0158902	chr15	1.02E+08	1.02E+08	+	0.008073
Tenc1	MmuINT0158903	chr15	1.02E+08	1.02E+08	+	0.011133
Tenc1	MmuINT0158904	chr15	1.02E+08	1.02E+08	+	0.044969
Tenc1	MmuINT0158905	chr15	1.02E+08	1.02E+08	+	0.047764
Tenc1	MmuINT0158906	chr15	1.02E+08	1.02E+08	+	0.035803
Tenc1	MmuINT0158907	chr15	1.02E+08	1.02E+08	+	0.040333
Tenc1	MmuINT0158908	chr15	1.02E+08	1.02E+08	+	0.06363
Tenc1	MmuINT0158909	chr15	1.02E+08	1.02E+08	+	0.045212
Tenc1	MmuINT0158910	chr15	1.02E+08	1.02E+08	+	0.048518
Tenc1	MmuINT0158911	chr15	1.02E+08	1.02E+08	+	0.078711
Tenc1	MmuINT0158912	chr15	1.02E+08	1.02E+08	+	0.102976
Tenc1	MmuINT0158913	chr15	1.02E+08	1.02E+08	+	0.036513
Tenc1	MmuINT0158914	chr15	1.02E+08	1.02E+08	+	0.009107
Tenc1	MmuINT0158915	chr15	1.02E+08	1.02E+08	+	0.010126

Tenc1	MmuINT0158916	chr15	1.02E+08	1.02E+08	+	0.004701
Tenc1	MmuINT0158917	chr15	1.02E+08	1.02E+08	+	0.036517
Tep1	MmuINT0158918	chr14	51488261	51490087	-	0.488679
Tep1	MmuINT0158922	chr14	51472811	51473224	-	0.049164
Tep1	MmuINT0158936	chr14	51463561	51463697	-	0.041291
Tep1	MmuINT0158944	chr14	51458862	51460256	-	0.063457
Tep1	MmuINT0158945	chr14	51458317	51458620	-	0.053101
Tep1	MmuINT0158948	chr14	51456869	51457054	-	0.037076
Tep1	MmuINT0158949	chr14	51456573	51456712	-	0.035744
Tep1	MmuINT0158950	chr14	51456139	51456359	-	0.036395
Tep1	MmuINT0158952	chr14	51455880	51455984	-	0.040693
Tep1	MmuINT0158953	chr14	51453753	51455666	-	0.121268
Tep1	MmuINT0158954	chr14	51453243	51453588	-	0.081821
Tep1	MmuINT0158955	chr14	51451515	51453128	-	0.04183
Tep1	MmuINT0158956	chr14	51449938	51451406	-	0.040083
Tep1	MmuINT0158957	chr14	51449624	51449804	-	0.117998
Tep1	MmuINT0158958	chr14	51449468	51449546	-	0.12342
Tep1	MmuINT0158959	chr14	51448980	51449337	-	0.027331
Tep1	MmuINT0158960	chr14	51448705	51448842	-	0.026941
Tep1	MmuINT0158961	chr14	51446875	51448579	-	0.252993
Tep1	MmuINT0158963	chr14	51446585	51446730	-	0.282253
Tep1	MmuINT0158964	chr14	51444837	51446487	-	0.045206
Tep1	MmuINT0158965	chr14	51444625	51444730	-	0.06418
Tep1	MmuINT0158966	chr14	51444285	51444406	-	0.115914
Tep1	MmuINT0158967	chr14	51443966	51444179	-	0.021648
Terf1	MmuINT0158980	chr1	15796039	15797721	+	0.064874
Terf1	MmuINT0158981	chr1	15797818	15803121	+	0.037188
Terf1	MmuINT0158982	chr1	15803244	15805966	+	0.058461
Terf1	MmuINT0158983	chr1	15806054	15809014	+	0.068224
Terf1	MmuINT0158984	chr1	15809165	15809731	+	0.189113
Terf1	MmuINT0158985	chr1	15809845	15821587	+	0.05169
Terf1	MmuINT0158986	chr1	15821648	15823481	+	0.04759
Terf1	MmuINT0158987	chr1	15823571	15828262	+	0.032393
Terf1	MmuINT0158988	chr1	15828370	15833001	+	0.062002
Terf2	MmuINT0158990	chr8	1.1E+08	1.1E+08	-	0.023947
Terf2	MmuINT0158991	chr8	1.1E+08	1.1E+08	-	0.021569
Terf2	MmuINT0158992	chr8	1.1E+08	1.1E+08	-	0.04562
Terf2	MmuINT0158993	chr8	1.1E+08	1.1E+08	-	0.019853
Terf2	MmuINT0158994	chr8	1.1E+08	1.1E+08	-	0.072901
Terf2	MmuINT0158995	chr8	1.1E+08	1.1E+08	-	0.08982
Terf2	MmuINT0158996	chr8	1.1E+08	1.1E+08	-	0.021849
Terf2ip	MmuINT0158997	chr8	1.15E+08	1.15E+08	+	0.038063
Terf2ip	MmuINT0158998	chr8	1.15E+08	1.15E+08	+	0.027054
Tes	MmuINT0159014	chr6	17015314	17036136	+	0.064012
Tes	MmuINT0159015	chr6	17036223	17046127	+	0.077302
Tes	MmuINT0159016	chr6	17046381	17047260	+	0.068466
Tes	MmuINT0159017	chr6	17047591	17049703	+	0.070453
Tes	MmuINT0159018	chr6	17049920	17050281	+	0.008706
Tesc	MmuINT0159020	chr5	1.18E+08	1.18E+08	+	0.001105
Tesc	MmuINT0159021	chr5	1.18E+08	1.19E+08	+	0.003138

Tesc	MmuINT0159022	chr5	1.19E+08	1.19E+08	+	0.001283
Tesc	MmuINT0159023	chr5	1.19E+08	1.19E+08	+	0.001308
Tesc	MmuINT0159024	chr5	1.19E+08	1.19E+08	+	0.104803
Tesc	MmuINT0159025	chr5	1.19E+08	1.19E+08	+	0.025088
Tesc	MmuINT0159026	chr5	1.19E+08	1.19E+08	+	0.005478
Tesk1	MmuINT0159027	chr4	43456511	43456654	+	0.020807
Tesk1	MmuINT0159028	chr4	43456777	43456902	+	0.007931
Tesk1	MmuINT0159029	chr4	43456952	43457444	+	0.008324
Tesk1	MmuINT0159030	chr4	43457592	43457912	+	0.007646
Tesk1	MmuINT0159031	chr4	43457996	43458155	+	0.015376
Tesk1	MmuINT0159032	chr4	43458247	43458394	+	0.008464
Tesk1	MmuINT0159033	chr4	43458479	43458600	+	0.007087
Tesk1	MmuINT0159034	chr4	43458691	43458810	+	0.00506
Tesk1	MmuINT0159035	chr4	43458941	43459485	+	0.020718
Tet2	MmuINT0159056	chr3	1.33E+08	1.33E+08	-	0.08877
Tet2	MmuINT0159057	chr3	1.33E+08	1.33E+08	-	0.037583
Tet2	MmuINT0159059	chr3	1.33E+08	1.33E+08	-	0.040904
Tet2	MmuINT0159060	chr3	1.33E+08	1.33E+08	-	0.072421
Tet2	MmuINT0159061	chr3	1.33E+08	1.33E+08	-	0.131677
Tet2	MmuINT0159062	chr3	1.33E+08	1.33E+08	-	0.650028
Tet2	MmuINT0159063	chr3	1.33E+08	1.33E+08	-	0.060275
Tet2	MmuINT0159064	chr3	1.33E+08	1.33E+08	-	0.046833
Tet2	MmuINT0159065	chr3	1.33E+08	1.33E+08	-	0.049452
Tet3	MmuINT0159067	chr6	83319820	83320376	-	0.0635
Tet3	MmuINT0159069	chr6	83336070	83352660	-	0.029796
Tet3	MmuINT0159070	chr6	83329960	83335978	-	0.047614
Tet3	MmuINT0159071	chr6	83326969	83329865	-	0.048927
Tet3	MmuINT0159072	chr6	83325895	83326759	-	0.05996
Tet3	MmuINT0159073	chr6	83323867	83325743	-	0.03788
Tet3	MmuINT0159074	chr6	83323326	83323776	-	0.035196
Tet3	MmuINT0159075	chr6	83320714	83323187	-	0.04655
Tex10	MmuINT0159077	chr4	48465854	48469605	-	0.028339
Tex10	MmuINT0159078	chr4	48464932	48465764	-	0.038623
Tex10	MmuINT0159079	chr4	48449390	48464797	-	0.031331
Tex10	MmuINT0159080	chr4	48447956	48449308	-	0.027397
Tex10	MmuINT0159081	chr4	48446191	48447773	-	0.030457
Tex10	MmuINT0159083	chr4	48481866	48482755	-	0.03378
Tex10	MmuINT0159084	chr4	48480777	48481152	-	0.048955
Tex10	MmuINT0159085	chr4	48475754	48480535	-	0.065004
Tex10	MmuINT0159086	chr4	48472975	48475640	-	0.026601
Tex10	MmuINT0159087	chr4	48472259	48472735	-	0.033581
Tex10	MmuINT0159088	chr4	48471586	48472122	-	0.038682
Tex10	MmuINT0159089	chr4	48469784	48471409	-	0.046605
Tex2	MmuINT0159173	chr11	1.06E+08	1.06E+08	-	0.029491
Tex2	MmuINT0159174	chr11	1.06E+08	1.06E+08	-	0.01148
Tex2	MmuINT0159175	chr11	1.06E+08	1.06E+08	-	0.008417
Tex2	MmuINT0159176	chr11	1.06E+08	1.06E+08	-	0.005351
Tex2	MmuINT0159177	chr11	1.06E+08	1.06E+08	-	0.004686
Tex2	MmuINT0159178	chr11	1.06E+08	1.06E+08	-	0.004436
Tex2	MmuINT0159179	chr11	1.06E+08	1.06E+08	-	0.005449

Tex2	MmuINT0159180	chr11	1.06E+08	1.06E+08	-	0.00756
Tex2	MmuINT0159181	chr11	1.06E+08	1.06E+08	-	0.007444
Tex2	MmuINT0159182	chr11	1.06E+08	1.06E+08	-	0.013398
Tex2	MmuINT0159183	chr11	1.06E+08	1.06E+08	-	0.008646
Tex261	MmuINT0159196	chr6	83725092	83725647	-	0.029965
Tex261	MmuINT0159197	chr6	83723858	83725011	-	0.006889
Tex261	MmuINT0159198	chr6	83722304	83723703	-	0.009558
Tex261	MmuINT0159199	chr6	83721544	83722235	-	0.010151
Tex261	MmuINT0159200	chr6	83721298	83721440	-	0.011527
Tex264	MmuINT0159202	chr9	1.07E+08	1.07E+08	-	0.035856
Tex264	MmuINT0159203	chr9	1.07E+08	1.07E+08	-	0.012581
Tex264	MmuINT0159204	chr9	1.07E+08	1.07E+08	-	0.008363
Tex264	MmuINT0159205	chr9	1.07E+08	1.07E+08	-	0.007551
Tex264	MmuINT0159206	chr9	1.07E+08	1.07E+08	-	0.010139
Tfam	MmuINT0159222	chr10	70699780	70700587	-	0.009614
Tfam	MmuINT0159223	chr10	70698362	70699663	-	0.004534
Tfam	MmuINT0159224	chr10	70697763	70698290	-	0.006102
Tfam	MmuINT0159225	chr10	70696201	70697612	-	0.007953
Tfam	MmuINT0159226	chr10	70691892	70696104	-	0.01149
Tfam	MmuINT0159227	chr10	70691448	70691834	-	0.003263
Tfb1m	MmuINT0159228	chr17	3555084	3557580	-	0.023168
Tfb1m	MmuINT0159229	chr17	3545692	3554931	-	0.009937
Tfb1m	MmuINT0159230	chr17	3543249	3545582	-	0.013345
Tfb1m	MmuINT0159231	chr17	3536198	3543096	-	0.011067
Tfb1m	MmuINT0159232	chr17	3521773	3536077	-	0.041135
Tfb1m	MmuINT0159233	chr17	3519796	3521644	-	0.018558
Tfdp1	MmuINT0159245	chr8	13369581	13370480	+	0.009138
Tfdp1	MmuINT0159246	chr8	13370647	13370878	+	0.00541
Tfdp2	MmuINT0159254	chr9	96218002	96218206	+	0.018475
Tfdp2	MmuINT0159255	chr9	96174362	96188019	+	0.006827
Tfdp2	MmuINT0159256	chr9	96188142	96190998	+	0.00855
Tfdp2	MmuINT0159257	chr9	96191047	96195383	+	0.00702
Tfdp2	MmuINT0159258	chr9	96198190	96200790	+	0.010193
Tfdp2	MmuINT0159259	chr9	96200860	96207218	+	0.004524
Tfdp2	MmuINT0159260	chr9	96207371	96210940	+	0.004106
Tfdp2	MmuINT0159261	chr9	96211108	96217895	+	0.008383
Tfdp2	MmuINT0159265	chr9	96096980	96102549	+	0.007436
Tfdp2	MmuINT0159267	chr9	96133168	96147468	+	0.058424
Tfg	MmuINT0159274	chr16	56712954	56717297	-	0.008934
Tfg	MmuINT0159275	chr16	56705808	56712723	-	0.004087
Tfg	MmuINT0159276	chr16	56704687	56705723	-	0.002694
Tfg	MmuINT0159277	chr16	56701350	56704539	-	0.002802
Tfg	MmuINT0159278	chr16	56697710	56701181	-	0.005113
Tfg	MmuINT0159279	chr16	56694603	56697571	-	0.006258
Tfg	MmuINT0159280	chr16	56691267	56694512	-	0.011218
Tfip11	MmuINT0159281	chr5	1.13E+08	1.13E+08	+	0.011561
Tfip11	MmuINT0159282	chr5	1.13E+08	1.13E+08	+	0.061552
Tfip11	MmuINT0159283	chr5	1.13E+08	1.13E+08	+	0.028196
Tfip11	MmuINT0159284	chr5	1.13E+08	1.13E+08	+	0.062412
Tfip11	MmuINT0159285	chr5	1.13E+08	1.13E+08	+	0.033347

Tfip11	MmuINT0159286	chr5	1.13E+08	1.13E+08	+	0.01117
Tfip11	MmuINT0159287	chr5	1.13E+08	1.13E+08	+	0.015654
Tfip11	MmuINT0159288	chr5	1.13E+08	1.13E+08	+	0.013975
Tfip11	MmuINT0159289	chr5	1.13E+08	1.13E+08	+	0.010564
Tfip11	MmuINT0159290	chr5	1.13E+08	1.13E+08	+	0.011443
Tfip11	MmuINT0159291	chr5	1.13E+08	1.13E+08	+	0.021947
Tfip11	MmuINT0159292	chr5	1.13E+08	1.13E+08	+	0.021201
Tfip11	MmuINT0159293	chr5	1.13E+08	1.13E+08	+	0.031949
Tfpi	MmuINT0159295	chr2	84298291	84313855	-	0.003104
Tfpi	MmuINT0159296	chr2	84294155	84298179	-	0.002092
Tfpi	MmuINT0159297	chr2	84292753	84293956	-	0.003425
Tfpi	MmuINT0159298	chr2	84285074	84292713	-	0.004058
Tfpi	MmuINT0159299	chr2	84284296	84284896	-	0.003125
Tfpi	MmuINT0159300	chr2	84283083	84284166	-	0.526186
Tfpi	MmuINT0159303	chr2	84273342	84274398	-	0.007731
Tfpt	MmuINT0159308	chr7	3580689	3581153	-	0.017588
Tfpt	MmuINT0159309	chr7	3576272	3580429	-	0.025773
Tfpt	MmuINT0159310	chr7	3572735	3576200	-	0.092662
Tfpt	MmuINT0159311	chr7	3572586	3572664	-	0.028555
Tfpt	MmuINT0159312	chr7	3572077	3572378	-	0.277591
Tfrc	MmuINT0159313	chr16	32609123	32613253	+	0.042163
Tfrc	MmuINT0159314	chr16	32620610	32621260	+	0.006732
Tfrc	MmuINT0159315	chr16	32621384	32623142	+	0.006915
Tfrc	MmuINT0159316	chr16	32623229	32623457	+	0.028115
Tfrc	MmuINT0159317	chr16	32623522	32624454	+	0.071086
Tfrc	MmuINT0159318	chr16	32624523	32624853	+	0.063619
Tfrc	MmuINT0159319	chr16	32624913	32625069	+	0.022348
Tfrc	MmuINT0159320	chr16	32625152	32626634	+	0.013899
Tfrc	MmuINT0159321	chr16	32626857	32628561	+	0.01449
Tfrc	MmuINT0159322	chr16	32628703	32630179	+	0.008404
Tfrc	MmuINT0159323	chr16	32613313	32614651	+	0.010678
Tfrc	MmuINT0159324	chr16	32614854	32615278	+	0.004808
Tfrc	MmuINT0159325	chr16	32615481	32616834	+	0.006937
Tfrc	MmuINT0159326	chr16	32616985	32617182	+	0.055226
Tfrc	MmuINT0159327	chr16	32617286	32618303	+	0.038841
Tfrc	MmuINT0159328	chr16	32618418	32618718	+	0.011615
Tfrc	MmuINT0159329	chr16	32618818	32619122	+	0.007466
Tfrc	MmuINT0159330	chr16	32619263	32620451	+	0.0065
Tg	MmuINT0159367	chr15	66658990	66659960	+	0.078325
Tg	MmuINT0159370	chr15	66670955	66678617	+	0.051009
Tg	MmuINT0159371	chr15	66678753	66681002	+	0.056536
Tg	MmuINT0159372	chr15	66681191	66682050	+	0.064623
Tgds	MmuINT0159378	chr14	1.19E+08	1.19E+08	-	0.112144
Tgds	MmuINT0159379	chr14	1.19E+08	1.19E+08	-	0.035784
Tgds	MmuINT0159380	chr14	1.19E+08	1.19E+08	-	0.084781
Tgds	MmuINT0159381	chr14	1.19E+08	1.19E+08	-	0.050931
Tgds	MmuINT0159382	chr14	1.19E+08	1.19E+08	-	0.046549
Tgds	MmuINT0159383	chr14	1.19E+08	1.19E+08	-	0.056863
Tgds	MmuINT0159384	chr14	1.19E+08	1.19E+08	-	0.039989
Tgds	MmuINT0159385	chr14	1.19E+08	1.19E+08	-	0.062064

Tgds	MmuINT0159386	chr14	1.19E+08	1.19E+08	-	0.121745
Tgds	MmuINT0159387	chr14	1.19E+08	1.19E+08	-	0.079201
Tgds	MmuINT0159388	chr14	1.19E+08	1.19E+08	-	0.054315
Tgfb1	MmuINT0159394	chr7	26473243	26477395	+	0.014727
Tgfb1	MmuINT0159395	chr7	26477557	26479241	+	0.011312
Tgfb1	MmuINT0159396	chr7	26479360	26481936	+	0.011559
Tgfb1	MmuINT0159397	chr7	26482015	26482143	+	0.025174
Tgfb1	MmuINT0159398	chr7	26482292	26489143	+	0.252937
Tgfb1	MmuINT0159399	chr7	26489298	26489802	+	0.011441
Tgfb1i1	MmuINT0159400	chr7	1.35E+08	1.35E+08	+	0.053788
Tgfb1i1	MmuINT0159401	chr7	1.35E+08	1.35E+08	+	0.026384
Tgfb1i1	MmuINT0159402	chr7	1.35E+08	1.35E+08	+	0.051857
Tgfb1i1	MmuINT0159403	chr7	1.35E+08	1.35E+08	+	0.041949
Tgfb1i1	MmuINT0159404	chr7	1.35E+08	1.35E+08	+	0.013296
Tgfb1i1	MmuINT0159405	chr7	1.35E+08	1.35E+08	+	0.015087
Tgfb1i1	MmuINT0159406	chr7	1.35E+08	1.35E+08	+	0.020217
Tgfb1i1	MmuINT0159407	chr7	1.35E+08	1.35E+08	+	0.028175
Tgfb1i1	MmuINT0159408	chr7	1.35E+08	1.35E+08	+	0.017039
Tgfb2	MmuINT0159409	chr1	1.88E+08	1.89E+08	-	0.04607
Tgfb2	MmuINT0159410	chr1	1.88E+08	1.88E+08	-	0.037775
Tgfb2	MmuINT0159411	chr1	1.88E+08	1.88E+08	-	0.051678
Tgfb2	MmuINT0159412	chr1	1.88E+08	1.88E+08	-	0.033633
Tgfb2	MmuINT0159413	chr1	1.88E+08	1.88E+08	-	0.084347
Tgfb2	MmuINT0159414	chr1	1.88E+08	1.88E+08	-	0.08606
Tgfb3	MmuINT0159415	chr12	87410861	87418530	-	0.024464
Tgfb3	MmuINT0159416	chr12	87410427	87410696	-	0.021893
Tgfb3	MmuINT0159417	chr12	87404879	87410296	-	0.017671
Tgfb3	MmuINT0159418	chr12	87403150	87404770	-	0.061793
Tgfb3	MmuINT0159419	chr12	87400004	87402977	-	0.036344
Tgfb3	MmuINT0159420	chr12	87398889	87399849	-	0.016071
Tgfb1	MmuINT0159421	chr13	56711142	56715600	+	0.02396
Tgfb1	MmuINT0159422	chr13	56732737	56733410	+	0.020017
Tgfb1	MmuINT0159423	chr13	56733548	56734219	+	0.018406
Tgfb1	MmuINT0159424	chr13	56734351	56736926	+	0.023082
Tgfb1	MmuINT0159425	chr13	56737052	56737926	+	0.039004
Tgfb1	MmuINT0159426	chr13	56738030	56738498	+	0.038864
Tgfb1	MmuINT0159427	chr13	56738579	56739381	+	0.048271
Tgfb1	MmuINT0159428	chr13	56739407	56740077	+	0.036134
Tgfb1	MmuINT0159429	chr13	56715700	56724920	+	0.039711
Tgfb1	MmuINT0159430	chr13	56724986	56726560	+	0.025552
Tgfb1	MmuINT0159431	chr13	56726722	56727010	+	0.070237
Tgfb1	MmuINT0159432	chr13	56727176	56727394	+	0.015524
Tgfb1	MmuINT0159433	chr13	56727542	56729274	+	0.018527
Tgfb1	MmuINT0159434	chr13	56729417	56730978	+	0.018757
Tgfb1	MmuINT0159435	chr13	56731192	56731904	+	0.036181
Tgfb1	MmuINT0159436	chr13	56732043	56732590	+	0.03272
Tgfb1	MmuINT0159437	chr4	47366269	47396620	+	0.067569
Tgfb1	MmuINT0159439	chr4	47406362	47409226	+	0.022978
Tgfb1	MmuINT0159440	chr4	47409458	47415674	+	0.024855
Tgfb1	MmuINT0159441	chr4	47415843	47416241	+	0.030383

Tgfbr1	MmuINT0159442	chr4	47416399	47418400	+	0.034543
Tgfbr1	MmuINT0159443	chr4	47418526	47419793	+	0.071141
Tgfbr1	MmuINT0159444	chr4	47419925	47423523	+	0.025351
Tgfbr2	MmuINT0159446	chr9	1.16E+08	1.16E+08	-	0.036482
Tgfbr2	MmuINT0159447	chr9	1.16E+08	1.16E+08	-	0.011123
Tgfbr2	MmuINT0159448	chr9	1.16E+08	1.16E+08	-	0.01436
Tgfbr2	MmuINT0159449	chr9	1.16E+08	1.16E+08	-	0.011789
Tgfbr2	MmuINT0159450	chr9	1.16E+08	1.16E+08	-	0.00901
Tgfbr2	MmuINT0159451	chr9	1.16E+08	1.16E+08	-	0.014552
Tgfbr3	MmuINT0159453	chr5	1.08E+08	1.08E+08	-	0.020529
Tgfbr3	MmuINT0159454	chr5	1.08E+08	1.08E+08	-	0.014299
Tgfbr3	MmuINT0159455	chr5	1.08E+08	1.08E+08	-	0.012184
Tgfbr3	MmuINT0159456	chr5	1.08E+08	1.08E+08	-	0.011379
Tgfbr3	MmuINT0159457	chr5	1.08E+08	1.08E+08	-	0.034815
Tgfbr3	MmuINT0159458	chr5	1.08E+08	1.08E+08	-	0.028605
Tgfbr3	MmuINT0159459	chr5	1.08E+08	1.08E+08	-	0.016847
Tgfbr3	MmuINT0159460	chr5	1.08E+08	1.08E+08	-	0.015597
Tgfbr3	MmuINT0159461	chr5	1.08E+08	1.08E+08	-	0.018514
Tgfbr3	MmuINT0159462	chr5	1.08E+08	1.08E+08	-	0.013787
Tgfbr3	MmuINT0159463	chr5	1.08E+08	1.08E+08	-	0.010102
Tgfbr3	MmuINT0159464	chr5	1.08E+08	1.08E+08	-	0.014945
Tgfbr3	MmuINT0159465	chr5	1.08E+08	1.08E+08	-	0.010198
Tgfbr3	MmuINT0159466	chr5	1.08E+08	1.08E+08	-	0.010945
Tgfbr3	MmuINT0159467	chr5	1.08E+08	1.08E+08	-	0.008592
Tgfbr3	MmuINT0159468	chr5	1.08E+08	1.08E+08	-	0.011161
Tgfbrap1	MmuINT0159469	chr1	43153895	43155114	-	0.271203
Tgfbrap1	MmuINT0159470	chr1	43110416	43111363	-	0.018317
Tgfbrap1	MmuINT0159471	chr1	43108837	43110255	-	0.012704
Tgfbrap1	MmuINT0159472	chr1	43106681	43108402	-	0.135413
Tgfbrap1	MmuINT0159474	chr1	43128501	43132095	-	0.019848
Tgfbrap1	MmuINT0159475	chr1	43124474	43128305	-	0.016908
Tgfbrap1	MmuINT0159476	chr1	43119445	43124318	-	0.048613
Tgfbrap1	MmuINT0159477	chr1	43117067	43119361	-	0.107378
Tgfbrap1	MmuINT0159478	chr1	43116001	43116724	-	0.017486
Tgfbrap1	MmuINT0159479	chr1	43113601	43115942	-	0.024831
Tgfbrap1	MmuINT0159480	chr1	43111511	43113456	-	0.027693
Tgif1	MmuINT0159481	chr17	71194613	71195511	-	0.060461
Tgm2	MmuINT0159499	chr2	1.58E+08	1.58E+08	-	0.000992
Tgm2	MmuINT0159500	chr2	1.58E+08	1.58E+08	-	0.002926
Tgm2	MmuINT0159501	chr2	1.58E+08	1.58E+08	-	0.00981
Tgm2	MmuINT0159502	chr2	1.58E+08	1.58E+08	-	0.008131
Tgm2	MmuINT0159503	chr2	1.58E+08	1.58E+08	-	0.003358
Tgm2	MmuINT0159504	chr2	1.58E+08	1.58E+08	-	0.001921
Tgm2	MmuINT0159505	chr2	1.58E+08	1.58E+08	-	0.004998
Tgm2	MmuINT0159506	chr2	1.58E+08	1.58E+08	-	0.009416
Tgm2	MmuINT0159507	chr2	1.58E+08	1.58E+08	-	0.005981
Tgm2	MmuINT0159508	chr2	1.58E+08	1.58E+08	-	0.02459
Tgm2	MmuINT0159509	chr2	1.58E+08	1.58E+08	-	0.001426
Tgm2	MmuINT0159510	chr2	1.58E+08	1.58E+08	-	0.005202
Tgm4	MmuINT0159527	chr9	1.23E+08	1.23E+08	+	0.987878



Tgoln1	MmuINT0159571	chr6	72566444	72566670	-	0.008138
Tgoln1	MmuINT0159572	chr6	72564150	72565517	-	0.005867
Tgoln1	MmuINT0159573	chr6	72562105	72564065	-	0.00236
Tgs1	MmuINT0159574	chr4	3502277	3510571	+	0.014692
Tgs1	MmuINT0159578	chr4	3510637	3512177	+	0.021077
Tgs1	MmuINT0159579	chr4	3512336	3512598	+	0.012989
Tgs1	MmuINT0159580	chr4	3513413	3516293	+	0.015388
Tgs1	MmuINT0159584	chr4	3522805	3525660	+	0.007092
Th1l	MmuINT0159600	chr2	1.74E+08	1.74E+08	+	0.014191
Th1l	MmuINT0159601	chr2	1.74E+08	1.74E+08	+	0.018498
Th1l	MmuINT0159602	chr2	1.74E+08	1.74E+08	+	0.023682
Th1l	MmuINT0159603	chr2	1.74E+08	1.74E+08	+	0.048715
Th1l	MmuINT0159604	chr2	1.74E+08	1.74E+08	+	0.009642
Th1l	MmuINT0159605	chr2	1.74E+08	1.74E+08	+	0.005775
Th1l	MmuINT0159606	chr2	1.74E+08	1.74E+08	+	0.015218
Th1l	MmuINT0159607	chr2	1.74E+08	1.74E+08	+	0.010258
Th1l	MmuINT0159608	chr2	1.74E+08	1.74E+08	+	0.019166
Th1l	MmuINT0159609	chr2	1.74E+08	1.74E+08	+	0.006353
Th1l	MmuINT0159610	chr2	1.74E+08	1.74E+08	+	0.016036
Th1l	MmuINT0159611	chr2	1.74E+08	1.74E+08	+	0.020484
Th1l	MmuINT0159612	chr2	1.74E+08	1.74E+08	+	0.037683
Th1l	MmuINT0159613	chr2	1.74E+08	1.74E+08	+	0.056114
Tha1	MmuINT0159614	chr11	1.18E+08	1.18E+08	-	0.053867
Tha1	MmuINT0159615	chr11	1.18E+08	1.18E+08	-	0.082003
Tha1	MmuINT0159616	chr11	1.18E+08	1.18E+08	-	0.087056
Tha1	MmuINT0159617	chr11	1.18E+08	1.18E+08	-	0.020255
Tha1	MmuINT0159618	chr11	1.18E+08	1.18E+08	-	0.016681
Tha1	MmuINT0159619	chr11	1.18E+08	1.18E+08	-	0.032496
Thada	MmuINT0159627	chr17	84831727	84834895	-	0.065577
Thada	MmuINT0159645	chr17	84629201	84630130	-	0.043872
Thada	MmuINT0159646	chr17	84628550	84629081	-	0.045367
Thada	MmuINT0159649	chr17	84592810	84622013	-	0.092712
Thap1	MmuINT0159657	chr8	27268994	27271246	+	0.05113
Thap1	MmuINT0159658	chr8	27271443	27272905	+	0.058384
Thap2	MmuINT0159659	chr10	1.15E+08	1.15E+08	-	0.148655
Thap2	MmuINT0159660	chr10	1.15E+08	1.15E+08	-	0.143258
Thap3	MmuINT0159661	chr4	1.51E+08	1.51E+08	-	0.074963
Thap3	MmuINT0159662	chr4	1.51E+08	1.51E+08	-	0.952306
Thap4	MmuINT0159666	chr1	95621894	95646423	-	0.009224
Thap4	MmuINT0159667	chr1	95613319	95621733	-	0.002846
Thap4	MmuINT0159668	chr1	95611579	95613208	-	0.004073
Thap4	MmuINT0159669	chr1	95602233	95611474	-	0.006339
Thap6	MmuINT0159672	chr5	92394331	92395477	+	0.082214
Thap6	MmuINT0159673	chr5	92395601	92398566	+	0.12955
Thap7	MmuINT0159674	chr16	17530951	17531117	-	0.188863
Thap7	MmuINT0159675	chr16	17530479	17530870	-	0.114552
Thap7	MmuINT0159676	chr16	17529169	17530322	-	0.051332
Thap7	MmuINT0159677	chr16	17528834	17529027	-	0.034815
Thbs1	MmuINT0159679	chr2	1.18E+08	1.18E+08	+	0.04868
Thbs1	MmuINT0159680	chr2	1.18E+08	1.18E+08	+	0.059651

Thbs1	MmuINT0159681	chr2	1.18E+08	1.18E+08	+	0.060514
Thbs1	MmuINT0159682	chr2	1.18E+08	1.18E+08	+	0.036763
Thbs1	MmuINT0159683	chr2	1.18E+08	1.18E+08	+	0.067462
Thbs1	MmuINT0159684	chr2	1.18E+08	1.18E+08	+	0.039691
Thbs1	MmuINT0159685	chr2	1.18E+08	1.18E+08	+	0.033269
Thbs1	MmuINT0159686	chr2	1.18E+08	1.18E+08	+	0.052399
Thbs1	MmuINT0159687	chr2	1.18E+08	1.18E+08	+	0.037341
Thbs1	MmuINT0159688	chr2	1.18E+08	1.18E+08	+	0.049337
Thbs1	MmuINT0159689	chr2	1.18E+08	1.18E+08	+	0.071128
Thbs1	MmuINT0159690	chr2	1.18E+08	1.18E+08	+	0.049624
Thbs1	MmuINT0159691	chr2	1.18E+08	1.18E+08	+	0.060957
Thbs1	MmuINT0159692	chr2	1.18E+08	1.18E+08	+	0.051897
Thbs1	MmuINT0159694	chr2	1.18E+08	1.18E+08	+	0.05344
Thbs1	MmuINT0159695	chr2	1.18E+08	1.18E+08	+	0.053558
Thbs1	MmuINT0159696	chr2	1.18E+08	1.18E+08	+	0.067165
Thbs1	MmuINT0159697	chr2	1.18E+08	1.18E+08	+	0.04876
Thbs1	MmuINT0159698	chr2	1.18E+08	1.18E+08	+	0.032867
Thbs2	MmuINT0159707	chr17	14808508	14810150	-	0.032361
Thbs2	MmuINT0159708	chr17	14807873	14808279	-	0.033383
Thbs2	MmuINT0159709	chr17	14807077	14807600	-	0.025123
Thbs2	MmuINT0159711	chr17	14805872	14806978	-	0.037774
Thbs2	MmuINT0159712	chr17	14804528	14805731	-	0.026741
Thbs3	MmuINT0159722	chr3	89025033	89025255	+	0.227549
Thbs3	MmuINT0159723	chr3	89025367	89025448	+	0.044464
Thbs3	MmuINT0159724	chr3	89025557	89026924	+	0.045255
Thbs3	MmuINT0159725	chr3	89027085	89027326	+	0.356588
Thbs3	MmuINT0159726	chr3	89027446	89027552	+	0.047309
Thbs3	MmuINT0159727	chr3	89027606	89027881	+	0.063517
Thbs3	MmuINT0159728	chr3	89028076	89028207	+	0.048963
Thbs3	MmuINT0159729	chr3	89028387	89028498	+	0.062864
Thbs3	MmuINT0159730	chr3	89028548	89028731	+	0.105244
Thbs3	MmuINT0159731	chr3	89020810	89021606	+	0.286156
Thbs3	MmuINT0159732	chr3	89028929	89029173	+	0.060702
Thbs3	MmuINT0159733	chr3	89029347	89030225	+	0.37558
Thbs3	MmuINT0159734	chr3	89030366	89030447	+	0.036567
Thbs3	MmuINT0159735	chr3	89021864	89021949	+	0.236059
Thbs3	MmuINT0159736	chr3	89022053	89022778	+	0.108257
Thbs3	MmuINT0159738	chr3	89023052	89023134	+	0.052755
Thbs3	MmuINT0159740	chr3	89023460	89023776	+	0.047463
Thbs4	MmuINT0159743	chr13	93533589	93537108	-	0.058328
Thbs4	MmuINT0159752	chr13	93524396	93525043	-	0.020673
Thbs4	MmuINT0159754	chr13	93522449	93524222	-	0.03155
Thbs4	MmuINT0159755	chr13	93521768	93522308	-	0.048405
Them4	MmuINT0159771	chr3	94114211	94121311	+	0.025584
Them4	MmuINT0159772	chr3	94121499	94127503	+	0.009551
Them4	MmuINT0159773	chr3	94127664	94128198	+	0.012989
Them4	MmuINT0159774	chr3	94128307	94133683	+	0.024371
Them4	MmuINT0159775	chr3	94133809	94135461	+	0.012119
Thg1l	MmuINT0159786	chr11	45767735	45768776	-	0.040787
Thg1l	MmuINT0159787	chr11	45766407	45767557	-	0.024265

Thg1l	MmuINT0159788	chr11	45765134	45766236	-	0.073983
Thg1l	MmuINT0159789	chr11	45763806	45765044	-	0.074631
Thg1l	MmuINT0159790	chr11	45761831	45763697	-	0.015922
Thnsl1	MmuINT0159791	chr2	21127473	21131511	+	0.041947
Thnsl1	MmuINT0159792	chr2	21131669	21133016	+	0.047334
Thnsl2	MmuINT0159796	chr6	71089938	71091213	-	0.040406
Thnsl2	MmuINT0159797	chr6	71088798	71089742	-	0.022075
Thnsl2	MmuINT0159798	chr6	71084306	71088644	-	0.023021
Thnsl2	MmuINT0159799	chr6	71082018	71084074	-	0.037694
Thnsl2	MmuINT0159800	chr6	71081768	71081868	-	0.029267
Thnsl2	MmuINT0159801	chr6	71079358	71081641	-	0.03176
Thnsl2	MmuINT0159802	chr6	71078847	71079205	-	0.047191
Thoc1	MmuINT0159803	chr18	9958245	9959095	+	0.053678
Thoc1	MmuINT0159804	chr18	9975706	9977844	+	0.020227
Thoc1	MmuINT0159805	chr18	9977977	9984431	+	0.018999
Thoc1	MmuINT0159806	chr18	9984533	9986286	+	0.042469
Thoc1	MmuINT0159807	chr18	9986354	9986550	+	0.491265
Thoc1	MmuINT0159808	chr18	9986602	9986688	+	0.183878
Thoc1	MmuINT0159809	chr18	9986760	9987067	+	0.035723
Thoc1	MmuINT0159810	chr18	9987164	9987596	+	0.01682
Thoc1	MmuINT0159811	chr18	9987663	9989688	+	0.031286
Thoc1	MmuINT0159812	chr18	9989773	9992125	+	0.038112
Thoc1	MmuINT0159813	chr18	9992274	9992829	+	0.02572
Thoc1	MmuINT0159814	chr18	9959170	9959252	+	0.095263
Thoc1	MmuINT0159815	chr18	9992906	9993318	+	0.017157
Thoc1	MmuINT0159816	chr18	9959314	9960483	+	0.081878
Thoc1	MmuINT0159817	chr18	9960551	9962370	+	0.157862
Thoc1	MmuINT0159818	chr18	9962490	9963260	+	0.057897
Thoc1	MmuINT0159819	chr18	9963310	9963820	+	0.046963
Thoc1	MmuINT0159820	chr18	9963917	9968748	+	0.020327
Thoc1	MmuINT0159821	chr18	9968832	9970252	+	0.023216
Thoc1	MmuINT0159822	chr18	9970327	9975596	+	0.028046
Thoc2	MmuINT0159823	chrX	39251028	39264977	-	0.047119
Thoc2	MmuINT0159824	chrX	39211414	39211975	-	0.018427
Thoc2	MmuINT0159825	chrX	39210107	39211240	-	0.02623
Thoc2	MmuINT0159826	chrX	39197983	39209910	-	0.026198
Thoc2	MmuINT0159827	chrX	39197533	39197940	-	0.044284
Thoc2	MmuINT0159828	chrX	39197306	39197401	-	0.038034
Thoc2	MmuINT0159829	chrX	39192812	39197203	-	0.067717
Thoc2	MmuINT0159830	chrX	39191855	39192726	-	0.032694
Thoc2	MmuINT0159831	chrX	39191373	39191760	-	0.036689
Thoc2	MmuINT0159832	chrX	39189775	39191291	-	0.013395
Thoc2	MmuINT0159833	chrX	39188393	39189677	-	0.01852
Thoc2	MmuINT0159834	chrX	39235178	39250968	-	0.047765
Thoc2	MmuINT0159835	chrX	39186666	39188274	-	0.021556
Thoc2	MmuINT0159836	chrX	39184035	39186485	-	0.056127
Thoc2	MmuINT0159837	chrX	39180636	39183869	-	0.023992
Thoc2	MmuINT0159838	chrX	39179339	39180359	-	0.029897
Thoc2	MmuINT0159839	chrX	39178771	39179196	-	0.021445
Thoc2	MmuINT0159840	chrX	39177396	39178612	-	0.013218

Thoc2	MmuINT0159841	chrX	39176943	39177266	-	0.030283
Thoc2	MmuINT0159842	chrX	39176724	39176810	-	0.072987
Thoc2	MmuINT0159843	chrX	39176049	39176538	-	0.155182
Thoc2	MmuINT0159844	chrX	39175648	39175869	-	0.01603
Thoc2	MmuINT0159845	chrX	39233115	39235085	-	0.04653
Thoc2	MmuINT0159847	chrX	39167186	39167374	-	0.018952
Thoc2	MmuINT0159848	chrX	39165672	39167126	-	0.191435
Thoc2	MmuINT0159849	chrX	39160349	39165635	-	0.034727
Thoc2	MmuINT0159851	chrX	39159740	39159821	-	0.029436
Thoc2	MmuINT0159852	chrX	39156710	39159578	-	0.053455
Thoc2	MmuINT0159853	chrX	39156170	39156632	-	0.044997
Thoc2	MmuINT0159854	chrX	39150957	39156123	-	0.081136
Thoc2	MmuINT0159855	chrX	39227130	39233062	-	0.041296
Thoc2	MmuINT0159856	chrX	39225864	39227058	-	0.043677
Thoc2	MmuINT0159857	chrX	39225601	39225741	-	0.034783
Thoc2	MmuINT0159858	chrX	39217373	39225466	-	0.045346
Thoc2	MmuINT0159859	chrX	39213395	39217205	-	0.034306
Thoc2	MmuINT0159860	chrX	39212132	39213301	-	0.020061
Thoc3	MmuINT0159861	chr13	54569344	54569901	-	0.009024
Thoc3	MmuINT0159862	chr13	54567746	54569186	-	0.015981
Thoc3	MmuINT0159863	chr13	54565205	54567540	-	0.012897
Thoc3	MmuINT0159864	chr13	54564934	54565042	-	0.007219
Thoc3	MmuINT0159865	chr13	54561599	54564832	-	0.009192
Thoc4	MmuINT0159866	chr11	1.2E+08	1.2E+08	-	0.026412
Thoc4	MmuINT0159867	chr11	1.2E+08	1.2E+08	-	0.003293
Thoc4	MmuINT0159868	chr11	1.2E+08	1.2E+08	-	0.003132
Thoc4	MmuINT0159869	chr11	1.2E+08	1.2E+08	-	0.003961
Thoc4	MmuINT0159870	chr11	1.2E+08	1.2E+08	-	0.001496
Thoc5	MmuINT0159871	chr11	4795382	4799793	+	0.030049
Thoc5	MmuINT0159872	chr11	4814314	4814524	+	0.035131
Thoc5	MmuINT0159873	chr11	4814625	4815491	+	0.02105
Thoc5	MmuINT0159874	chr11	4815601	4818126	+	0.014765
Thoc5	MmuINT0159875	chr11	4818229	4819735	+	0.025655
Thoc5	MmuINT0159876	chr11	4819833	4820379	+	0.013078
Thoc5	MmuINT0159877	chr11	4820495	4821924	+	0.018965
Thoc5	MmuINT0159878	chr11	4822029	4822141	+	0.018545
Thoc5	MmuINT0159879	chr11	4822230	4824750	+	0.018001
Thoc5	MmuINT0159880	chr11	4824867	4826048	+	0.010585
Thoc5	MmuINT0159881	chr11	4826240	4828677	+	0.019637
Thoc5	MmuINT0159882	chr11	4799910	4801154	+	0.015697
Thoc5	MmuINT0159883	chr11	4801299	4802088	+	0.010704
Thoc5	MmuINT0159884	chr11	4802203	4802337	+	0.014403
Thoc5	MmuINT0159885	chr11	4802436	4804097	+	0.007901
Thoc5	MmuINT0159886	chr11	4804245	4805643	+	0.013803
Thoc5	MmuINT0159887	chr11	4805759	4810629	+	0.017567
Thoc5	MmuINT0159888	chr11	4810763	4812783	+	0.104876
Thoc5	MmuINT0159889	chr11	4812862	4814272	+	0.021992
Thoc6	MmuINT0159890	chr17	23807875	23810480	-	0.017009
Thoc6	MmuINT0159891	chr17	23806274	23806357	-	0.023674
Thoc6	MmuINT0159892	chr17	23806078	23806162	-	0.056347

Thoc6	MmuINT0159893	chr17	23805854	23805942	-	0.024416
Thoc6	MmuINT0159894	chr17	23807673	23807758	-	0.02687
Thoc6	MmuINT0159895	chr17	23807520	23807607	-	0.029308
Thoc6	MmuINT0159896	chr17	23807328	23807415	-	0.106402
Thoc6	MmuINT0159897	chr17	23807209	23807289	-	0.045943
Thoc6	MmuINT0159898	chr17	23807075	23807159	-	0.051879
Thoc6	MmuINT0159899	chr17	23806917	23807002	-	0.105434
Thoc6	MmuINT0159900	chr17	23806544	23806813	-	0.073219
Thoc6	MmuINT0159901	chr17	23806421	23806493	-	0.064615
Thoc7	MmuINT0159902	chr14	14787171	14793698	-	0.013468
Thoc7	MmuINT0159903	chr14	14786053	14787052	-	0.012575
Thoc7	MmuINT0159904	chr14	14785677	14785924	-	0.009751
Thoc7	MmuINT0159905	chr14	14783778	14785589	-	0.009545
Thoc7	MmuINT0159906	chr14	14782716	14782812	-	0.005373
Thoc7	MmuINT0159907	chr14	14781842	14782645	-	0.0027
Thop1	MmuINT0159908	chr10	80533024	80535897	+	0.015474
Thop1	MmuINT0159909	chr10	80543959	80544051	+	0.013343
Thop1	MmuINT0159910	chr10	80544181	80544344	+	0.011874
Thop1	MmuINT0159911	chr10	80544482	80544608	+	0.008529
Thop1	MmuINT0159912	chr10	80536111	80538255	+	0.016045
Thop1	MmuINT0159913	chr10	80538405	80539687	+	0.020636
Thop1	MmuINT0159914	chr10	80539796	80540657	+	0.060336
Thop1	MmuINT0159915	chr10	80540761	80541214	+	0.012186
Thop1	MmuINT0159916	chr10	80541376	80542202	+	0.026111
Thop1	MmuINT0159917	chr10	80542339	80542615	+	0.017424
Thop1	MmuINT0159918	chr10	80542983	80543157	+	0.028005
Thop1	MmuINT0159919	chr10	80543360	80543771	+	0.010621
Thra	MmuINT0159926	chr11	98603321	98614603	+	0.005507
Thra	MmuINT0159927	chr11	98614953	98617421	+	0.010474
Thra	MmuINT0159928	chr11	98617490	98618236	+	0.002482
Thra	MmuINT0159929	chr11	98618338	98622189	+	0.004782
Thra	MmuINT0159930	chr11	98622338	98623034	+	0.003923
Thra	MmuINT0159931	chr11	98623241	98624234	+	0.002411
Thra	MmuINT0159932	chr11	98624382	98624842	+	0.001612
Thra	MmuINT0159933	chr11	98625102	98625591	+	0.001123
Thrap3	MmuINT0159934	chr4	1.26E+08	1.26E+08	-	0.019213
Thrap3	MmuINT0159936	chr4	1.26E+08	1.26E+08	-	0.002357
Thrb	MmuINT0159946	chr14	18758174	18795574	+	0.027212
Thrb	MmuINT0159950	chr14	18841231	18843578	+	0.018071
Thrb	MmuINT0159951	chr14	18843785	18859150	+	0.019447
Thrb	MmuINT0159952	chr14	18859298	18862656	+	0.012195
Thrb	MmuINT0159953	chr14	18862916	18865938	+	0.05033
Thrsp	MmuINT0159954	chr7	1.05E+08	1.05E+08	-	0.015782
Thsd1	MmuINT0159955	chr8	23349070	23353468	+	0.046676
Thtpa	MmuINT0160029	chr14	55714844	55716216	+	0.020228
Thumpd1	MmuINT0160030	chr7	1.27E+08	1.27E+08	-	0.012569
Thumpd1	MmuINT0160031	chr7	1.27E+08	1.27E+08	-	0.036514
Thumpd1	MmuINT0160032	chr7	1.27E+08	1.27E+08	-	0.01232
Thumpd2	MmuINT0160039	chr17	81436953	81437444	-	0.057496
Thumpd2	MmuINT0160041	chr17	81426311	81431971	-	0.051566

Thumpd3	MmuINT0160042	chr6	1.13E+08	1.13E+08	+	0.025277
Thumpd3	MmuINT0160043	chr6	1.13E+08	1.13E+08	+	0.009896
Thumpd3	MmuINT0160044	chr6	1.13E+08	1.13E+08	+	0.031657
Thumpd3	MmuINT0160045	chr6	1.13E+08	1.13E+08	+	0.017807
Thumpd3	MmuINT0160046	chr6	1.13E+08	1.13E+08	+	0.03001
Thumpd3	MmuINT0160047	chr6	1.13E+08	1.13E+08	+	0.038855
Thumpd3	MmuINT0160048	chr6	1.13E+08	1.13E+08	+	0.016277
Thumpd3	MmuINT0160049	chr6	1.13E+08	1.13E+08	+	0.023067
Thy1	MmuINT0160051	chr9	43854102	43854696	+	0.034801
Thy1	MmuINT0160052	chr9	43855036	43855421	+	0.032267
Thyn1	MmuINT0160053	chr9	26807351	26807535	+	0.153582
Thyn1	MmuINT0160054	chr9	26807642	26811181	+	0.009272
Thyn1	MmuINT0160055	chr9	26812800	26813141	+	0.253316
Thyn1	MmuINT0160056	chr9	26813235	26813936	+	0.258588
Thyn1	MmuINT0160057	chr9	26814033	26814385	+	0.325984
Thyn1	MmuINT0160058	chr9	26814537	26814742	+	0.251363
Tia1	MmuINT0160060	chr6	86354517	86363797	+	0.085562
Tia1	MmuINT0160061	chr6	86366396	86368871	+	0.021529
Tia1	MmuINT0160062	chr6	86368927	86370317	+	0.430298
Tia1	MmuINT0160063	chr6	86370406	86374338	+	0.374905
Tia1	MmuINT0160064	chr6	86374415	86374955	+	0.072473
Tia1	MmuINT0160065	chr6	86375065	86375443	+	0.190155
Tia1	MmuINT0160066	chr6	86375540	86375654	+	0.021145
Tia1	MmuINT0160069	chr6	86376685	86377666	+	0.031393
Tia1	MmuINT0160073	chr7	1.36E+08	1.36E+08	-	0.008197
Tia1	MmuINT0160074	chr7	1.36E+08	1.36E+08	-	0.454292
Tia1	MmuINT0160075	chr7	1.36E+08	1.36E+08	-	0.174439
Tia1	MmuINT0160077	chr7	1.36E+08	1.36E+08	-	0.007567
Tia1	MmuINT0160078	chr7	1.36E+08	1.36E+08	-	0.01069
Tia1	MmuINT0160079	chr7	1.36E+08	1.36E+08	-	0.251409
Tia1	MmuINT0160080	chr7	1.36E+08	1.36E+08	-	0.027713
Tia1	MmuINT0160081	chr7	1.36E+08	1.36E+08	-	0.012316
Tia1	MmuINT0160082	chr7	1.36E+08	1.36E+08	-	0.008543
Tia1	MmuINT0160083	chr7	1.36E+08	1.36E+08	-	0.019277
Tiam2	MmuINT0160118	chr17	3453413	3454087	+	0.060783
Tiam2	MmuINT0160119	chr17	3454352	3477174	+	0.061008
Tiam2	MmuINT0160126	chr17	3509581	3511056	+	0.043301
Tiam2	MmuINT0160129	chr17	3513450	3514670	+	0.425772
Tiam2	MmuINT0160130	chr17	3514777	3515969	+	0.595371
Tiam2	MmuINT0160131	chr17	3516058	3516562	+	0.365381
Tiam2	MmuINT0160132	chr17	3516718	3518111	+	0.53204
Tiam2	MmuINT0160136	chr17	3429016	3437227	+	0.057719
Ticam1	MmuINT0160140	chr17	56411641	56416116	-	0.131389
Tie1	MmuINT0160143	chr4	1.18E+08	1.18E+08	-	0.008652
Tie1	MmuINT0160144	chr4	1.18E+08	1.18E+08	-	0.03883
Tie1	MmuINT0160145	chr4	1.18E+08	1.18E+08	-	0.185532
Tie1	MmuINT0160146	chr4	1.18E+08	1.18E+08	-	0.162918
Tie1	MmuINT0160147	chr4	1.18E+08	1.18E+08	-	0.023371
Tie1	MmuINT0160148	chr4	1.18E+08	1.18E+08	-	0.169671
Tie1	MmuINT0160149	chr4	1.18E+08	1.18E+08	-	0.10142

Tie1	MmuINT0160150	chr4	1.18E+08	1.18E+08	-	0.083703
Tie1	MmuINT0160151	chr4	1.18E+08	1.18E+08	-	0.09198
Tie1	MmuINT0160152	chr4	1.18E+08	1.18E+08	-	0.109949
Tie1	MmuINT0160153	chr4	1.18E+08	1.18E+08	-	0.051409
Tie1	MmuINT0160154	chr4	1.18E+08	1.18E+08	-	0.007841
Tie1	MmuINT0160155	chr4	1.18E+08	1.18E+08	-	0.02991
Tie1	MmuINT0160156	chr4	1.18E+08	1.18E+08	-	0.009244
Tie1	MmuINT0160157	chr4	1.18E+08	1.18E+08	-	0.016679
Tie1	MmuINT0160158	chr4	1.18E+08	1.18E+08	-	0.009683
Tie1	MmuINT0160159	chr4	1.18E+08	1.18E+08	-	0.012392
Tie1	MmuINT0160160	chr4	1.18E+08	1.18E+08	-	0.019068
Tie1	MmuINT0160161	chr4	1.18E+08	1.18E+08	-	0.026302
Tie1	MmuINT0160162	chr4	1.18E+08	1.18E+08	-	0.011197
Tie1	MmuINT0160163	chr4	1.18E+08	1.18E+08	-	0.103689
Tie1	MmuINT0160164	chr4	1.18E+08	1.18E+08	-	0.058548
Tifa	MmuINT0160166	chr3	1.27E+08	1.27E+08	+	0.057363
Tigd2	MmuINT0160169	chr6	59159176	59159332	+	0.067531
Timeless	MmuINT0160199	chr10	1.28E+08	1.28E+08	+	0.707933
Timeless	MmuINT0160200	chr10	1.28E+08	1.28E+08	+	0.019814
Timeless	MmuINT0160201	chr10	1.28E+08	1.28E+08	+	0.064311
Timeless	MmuINT0160202	chr10	1.28E+08	1.28E+08	+	0.122374
Timeless	MmuINT0160204	chr10	1.28E+08	1.28E+08	+	0.150315
Timeless	MmuINT0160205	chr10	1.28E+08	1.28E+08	+	0.134484
Timeless	MmuINT0160206	chr10	1.28E+08	1.28E+08	+	0.117452
Timeless	MmuINT0160207	chr10	1.28E+08	1.28E+08	+	0.073398
Timeless	MmuINT0160208	chr10	1.28E+08	1.28E+08	+	0.094547
Timeless	MmuINT0160209	chr10	1.28E+08	1.28E+08	+	0.105859
Timeless	MmuINT0160210	chr10	1.28E+08	1.28E+08	+	0.07476
Timeless	MmuINT0160211	chr10	1.28E+08	1.28E+08	+	0.072137
Timm10	MmuINT0160221	chr2	84667305	84667755	+	0.003213
Timm10	MmuINT0160222	chr2	84667871	84669946	+	0.006274
Timm13	MmuINT0160223	chr10	80363296	80363368	-	0.005164
Timm13	MmuINT0160224	chr10	80363005	80363226	-	0.005633
Timm17a	MmuINT0160225	chr1	1.37E+08	1.37E+08	-	0.001416
Timm17b	MmuINT0160230	chrX	7476596	7478086	+	0.0068
Timm17b	MmuINT0160231	chrX	7478187	7480798	+	0.013414
Timm17b	MmuINT0160232	chrX	7480863	7483196	+	0.006735
Timm17b	MmuINT0160233	chrX	7483326	7483406	+	0.006062
Timm17b	MmuINT0160234	chrX	7483518	7483613	+	0.000514
Timm22	MmuINT0160237	chr11	76220945	76224628	+	0.046034
Timm22	MmuINT0160238	chr11	76224702	76227547	+	0.00705
Timm44	MmuINT0160245	chr8	4274233	4275842	-	0.003414
Timm44	MmuINT0160246	chr8	4261998	4265225	-	0.014556
Timm44	MmuINT0160247	chr8	4260623	4261907	-	0.018454
Timm44	MmuINT0160248	chr8	4260256	4260511	-	0.012896
Timm44	MmuINT0160249	chr8	4270026	4274136	-	0.002076
Timm44	MmuINT0160250	chr8	4268381	4269854	-	0.002633
Timm44	MmuINT0160251	chr8	4268014	4268299	-	0.001701
Timm44	MmuINT0160252	chr8	4267777	4267863	-	0.002737
Timm44	MmuINT0160253	chr8	4267341	4267636	-	0.028084

Timm44	MmuINT0160254	chr8	4266863	4267254	-	0.014947
Timm44	MmuINT0160255	chr8	4266681	4266769	-	0.002326
Timm44	MmuINT0160256	chr8	4265277	4266555	-	0.063073
Timm50	MmuINT0160257	chr7	29096039	29096943	-	0.005516
Timm50	MmuINT0160258	chr7	29091050	29091441	-	0.001895
Timm50	MmuINT0160259	chr7	29095347	29095887	-	0.002873
Timm50	MmuINT0160260	chr7	29095120	29095314	-	0.007549
Timm50	MmuINT0160261	chr7	29093432	29095097	-	0.016296
Timm50	MmuINT0160262	chr7	29093287	29093372	-	0.002963
Timm50	MmuINT0160263	chr7	29092869	29093166	-	0.028224
Timm50	MmuINT0160264	chr7	29092671	29092763	-	0.002364
Timm50	MmuINT0160265	chr7	29091998	29092571	-	0.004038
Timm50	MmuINT0160266	chr7	29091549	29091840	-	0.009288
Timm8b	MmuINT0160269	chr9	50412145	50413037	+	0.00117
Timm9	MmuINT0160273	chr12	72233630	72237541	-	0.949085
Timm9	MmuINT0160275	chr12	72227385	72232987	-	0.035414
Timm9	MmuINT0160276	chr12	72226545	72227319	-	0.017707
Timm9	MmuINT0160277	chr12	72224674	72226448	-	0.037006
Timp1	MmuINT0160281	chrX	20450303	20450493	+	0.053098
Timp1	MmuINT0160282	chrX	20450619	20451596	+	0.05037
Timp2	MmuINT0160283	chr11	1.18E+08	1.18E+08	-	0.00516
Timp2	MmuINT0160284	chr11	1.18E+08	1.18E+08	-	0.00287
Timp2	MmuINT0160285	chr11	1.18E+08	1.18E+08	-	0.004474
Timp2	MmuINT0160286	chr11	1.18E+08	1.18E+08	-	0.004748
Timp3	MmuINT0160287	chr10	85763720	85801117	+	0.001911
Timp3	MmuINT0160288	chr10	85801201	85806677	+	0.004726
Timp3	MmuINT0160289	chr10	85806790	85807298	+	0.006279
Timp3	MmuINT0160290	chr10	85807421	85808449	+	0.006368
Timp4	MmuINT0160291	chr6	1.15E+08	1.15E+08	-	0.032862
Timp4	MmuINT0160292	chr6	1.15E+08	1.15E+08	-	0.050771
Timp4	MmuINT0160293	chr6	1.15E+08	1.15E+08	-	0.00738
Timp4	MmuINT0160294	chr6	1.15E+08	1.15E+08	-	0.011403
Tinagl1	MmuINT0160307	chr4	1.3E+08	1.3E+08	-	0.04509
Tinagl1	MmuINT0160308	chr4	1.3E+08	1.3E+08	-	0.032891
Tinagl1	MmuINT0160309	chr4	1.3E+08	1.3E+08	-	0.00648
Tinagl1	MmuINT0160310	chr4	1.3E+08	1.3E+08	-	0.052565
Tinagl1	MmuINT0160311	chr4	1.3E+08	1.3E+08	-	0.019223
Tinagl1	MmuINT0160313	chr4	1.3E+08	1.3E+08	-	0.038531
Tinagl1	MmuINT0160314	chr4	1.3E+08	1.3E+08	-	0.022669
Tinagl1	MmuINT0160315	chr4	1.3E+08	1.3E+08	-	0.014854
Tinagl1	MmuINT0160316	chr4	1.3E+08	1.3E+08	-	0.062884
Tinf2	MmuINT0160317	chr14	56300149	56300226	-	0.035922
Tinf2	MmuINT0160318	chr14	56299927	56300061	-	0.02843
Tinf2	MmuINT0160319	chr14	56299740	56299836	-	0.048604
Tinf2	MmuINT0160320	chr14	56299545	56299631	-	0.094871
Tinf2	MmuINT0160321	chr14	56299294	56299447	-	0.151784
Tinf2	MmuINT0160322	chr14	56298768	56298851	-	0.062615
Tinf2	MmuINT0160323	chr14	56298443	56298702	-	0.138538
Tinf2	MmuINT0160324	chr14	56298247	56298350	-	0.054058
Tiparp	MmuINT0160325	chr3	65336107	65350128	+	0.036594



Tiparp	MmuINT0160326	chr3	65350298	65351446	+	0.026372
Tiparp	MmuINT0160327	chr3	65351608	65356457	+	0.028711
Tiparp	MmuINT0160328	chr3	65356734	65357039	+	0.028568
Tipin	MmuINT0160330	chr9	64136051	64137516	+	0.033405
Tipin	MmuINT0160331	chr9	64137590	64138180	+	0.033589
Tipin	MmuINT0160332	chr9	64138257	64141816	+	0.074969
Tipin	MmuINT0160333	chr9	64141940	64142129	+	0.045105
Tipin	MmuINT0160334	chr9	64142194	64148848	+	0.028012
Tipin	MmuINT0160335	chr9	64149056	64152113	+	0.01781
Tiprl	MmuINT0160336	chr1	1.67E+08	1.67E+08	-	0.054451
Tiprl	MmuINT0160337	chr1	1.67E+08	1.67E+08	-	0.003152
Tiprl	MmuINT0160338	chr1	1.67E+08	1.67E+08	-	0.005005
Tiprl	MmuINT0160339	chr1	1.67E+08	1.67E+08	-	0.006651
Tiprl	MmuINT0160341	chr1	1.67E+08	1.67E+08	-	0.012808
Tirap	MmuINT0160345	chr9	34998968	34999158	-	0.1658
Tirap	MmuINT0160346	chr9	34998762	34998905	-	0.034647
Tirap	MmuINT0160347	chr9	34996881	34998602	-	0.035833
Tirap	MmuINT0160348	chr9	34995516	34996241	-	0.032492
Tjap1	MmuINT0160349	chr17	46419389	46419908	-	0.067308
Tjap1	MmuINT0160350	chr17	46396433	46396885	-	0.06688
Tjap1	MmuINT0160353	chr17	46400763	46401831	-	0.106951
Tjap1	MmuINT0160354	chr17	46399380	46400637	-	0.011188
Tjap1	MmuINT0160355	chr17	46398530	46399350	-	0.05273
Tjap1	MmuINT0160356	chr17	46398152	46398367	-	0.018108
Tjap1	MmuINT0160357	chr17	46397152	46398084	-	0.449559
Tjap1	MmuINT0160358	chr17	46396970	46397043	-	0.013021
Tjp1	MmuINT0160360	chr7	72471299	72473809	-	0.009085
Tjp1	MmuINT0160362	chr7	72468061	72468874	-	0.010222
Tjp1	MmuINT0160363	chr7	72467565	72467840	-	0.008215
Tjp1	MmuINT0160364	chr7	72467262	72467379	-	0.008327
Tjp1	MmuINT0160365	chr7	72464219	72467165	-	0.01502
Tjp1	MmuINT0160366	chr7	72463461	72464135	-	0.008599
Tjp1	MmuINT0160367	chr7	72462974	72463249	-	0.007798
Tjp1	MmuINT0160368	chr7	72459896	72462872	-	0.008887
Tjp1	MmuINT0160369	chr7	72458311	72459544	-	0.038981
Tjp1	MmuINT0160370	chr7	72488626	72499717	-	0.015451
Tjp1	MmuINT0160371	chr7	72457318	72457440	-	0.007681
Tjp1	MmuINT0160372	chr7	72456118	72457219	-	0.00945
Tjp1	MmuINT0160373	chr7	72451423	72455889	-	0.010613
Tjp1	MmuINT0160374	chr7	72448105	72451255	-	0.005956
Tjp1	MmuINT0160375	chr7	72446170	72447629	-	0.022862
Tjp1	MmuINT0160376	chr7	72442554	72444555	-	0.012092
Tjp1	MmuINT0160377	chr7	72487606	72488500	-	0.010823
Tjp1	MmuINT0160378	chr7	72485313	72487502	-	0.011922
Tjp1	MmuINT0160379	chr7	72482033	72485035	-	0.012078
Tjp1	MmuINT0160380	chr7	72481552	72481928	-	0.009589
Tjp1	MmuINT0160381	chr7	72481066	72481382	-	0.010859
Tjp1	MmuINT0160382	chr7	72474652	72480917	-	0.009929
Tjp1	MmuINT0160383	chr7	72473916	72474511	-	0.009349
Tjp2	MmuINT0160387	chr19	24194586	24195326	-	0.016041

Tjp2	MmuINT0160388	chr19	24188675	24194434	-	0.012483
Tjp2	MmuINT0160389	chr19	24187447	24188565	-	0.011962
Tjp2	MmuINT0160390	chr19	24186110	24187235	-	0.013988
Tjp2	MmuINT0160391	chr19	24185607	24185915	-	0.016993
Tjp2	MmuINT0160392	chr19	24184301	24185510	-	0.019039
Tjp2	MmuINT0160393	chr19	24183346	24184220	-	0.0156
Tjp2	MmuINT0160394	chr19	24176488	24183134	-	0.020923
Tjp2	MmuINT0160395	chr19	24175405	24176386	-	0.025977
Tjp2	MmuINT0160396	chr19	24174054	24175191	-	0.031082
Tjp2	MmuINT0160397	chr19	24209465	24213268	-	0.024484
Tjp2	MmuINT0160398	chr19	24172806	24173942	-	0.021196
Tjp2	MmuINT0160399	chr19	24171160	24172490	-	0.018924
Tjp2	MmuINT0160400	chr19	24170081	24171073	-	0.016193
Tjp2	MmuINT0160401	chr19	24207199	24209339	-	0.015807
Tjp2	MmuINT0160402	chr19	24205964	24207095	-	0.041213
Tjp2	MmuINT0160403	chr19	24200299	24205344	-	0.019932
Tjp2	MmuINT0160404	chr19	24199212	24200194	-	0.016224
Tjp2	MmuINT0160405	chr19	24196862	24199057	-	0.021725
Tjp2	MmuINT0160406	chr19	24196649	24196752	-	0.015103
Tjp2	MmuINT0160407	chr19	24195394	24196514	-	0.01709
Tk2	MmuINT0160434	chr8	1.07E+08	1.07E+08	-	0.045188
Tk2	MmuINT0160435	chr8	1.07E+08	1.07E+08	-	0.049913
Tk2	MmuINT0160436	chr8	1.07E+08	1.07E+08	-	0.114177
Tk2	MmuINT0160437	chr8	1.07E+08	1.07E+08	-	0.04272
Tk2	MmuINT0160438	chr8	1.07E+08	1.07E+08	-	0.061772
Tk2	MmuINT0160439	chr8	1.07E+08	1.07E+08	-	0.135509
Tk2	MmuINT0160440	chr8	1.07E+08	1.07E+08	-	0.020298
Tk2	MmuINT0160441	chr8	1.07E+08	1.07E+08	-	0.033612
Tk2	MmuINT0160442	chr8	1.07E+08	1.07E+08	-	0.024935
Tkt	MmuINT0160443	chr14	31362567	31371906	+	0.205782
Tkt	MmuINT0160444	chr14	31383520	31384148	+	0.019368
Tkt	MmuINT0160445	chr14	31384233	31384337	+	0.015664
Tkt	MmuINT0160446	chr14	31384432	31385393	+	0.010194
Tkt	MmuINT0160447	chr14	31385517	31386522	+	0.015918
Tkt	MmuINT0160448	chr14	31372025	31372937	+	0.021031
Tkt	MmuINT0160449	chr14	31373052	31373772	+	0.012048
Tkt	MmuINT0160450	chr14	31373871	31378673	+	0.040065
Tkt	MmuINT0160451	chr14	31378866	31380127	+	0.02881
Tkt	MmuINT0160452	chr14	31380247	31381349	+	0.011507
Tkt	MmuINT0160453	chr14	31381544	31382160	+	0.054848
Tkt	MmuINT0160454	chr14	31382326	31383141	+	0.02938
Tkt	MmuINT0160455	chr14	31383299	31383388	+	0.009857
Tlcd1	MmuINT0160468	chr11	77992559	77992871	+	0.276576
Tlcd1	MmuINT0160469	chr11	77992955	77993041	+	0.020083
Tlcd1	MmuINT0160470	chr11	77993125	77993448	+	0.047091
Tlcd2	MmuINT0160471	chr11	75281880	75282058	+	0.044132
Tlcd2	MmuINT0160472	chr11	75282142	75282343	+	0.081966
Tlcd2	MmuINT0160473	chr11	75282427	75282973	+	0.03474
Tle1	MmuINT0160475	chr4	71860432	71861015	-	0.085415
Tle1	MmuINT0160477	chr4	71800868	71802194	-	0.045042

Tle1	MmuINT0160478	chr4	71799723	71800722	-	0.056793
Tle1	MmuINT0160481	chr4	71786054	71787221	-	0.05937
Tle1	MmuINT0160482	chr4	71783526	71785805	-	0.043467
Tle1	MmuINT0160483	chr4	71781325	71783377	-	0.057291
Tle1	MmuINT0160484	chr4	71779602	71781173	-	0.04527
Tle1	MmuINT0160485	chr4	71779426	71779524	-	0.05129
Tle1	MmuINT0160486	chr4	71859016	71860330	-	0.039171
Tle1	MmuINT0160488	chr4	71831805	71858806	-	0.062027
Tle1	MmuINT0160489	chr4	71830231	71831741	-	0.049419
Tle1	MmuINT0160491	chr4	71818514	71819246	-	0.38044
Tle1	MmuINT0160492	chr4	71806455	71818496	-	0.045836
Tle2	MmuINT0160501	chr10	81050546	81050618	+	0.028091
Tle2	MmuINT0160502	chr10	81050767	81051553	+	0.136956
Tle2	MmuINT0160503	chr10	81051705	81052164	+	0.223771
Tle2	MmuINT0160504	chr10	81052242	81052969	+	0.138892
Tle2	MmuINT0160512	chr10	81043660	81044389	+	0.325844
Tle3	MmuINT0160515	chr9	61256138	61256572	+	0.044782
Tle3	MmuINT0160516	chr9	61257224	61257742	+	0.0528
Tle3	MmuINT0160518	chr9	61259147	61260071	+	0.038942
Tle3	MmuINT0160519	chr9	61260322	61260661	+	0.023896
Tle3	MmuINT0160520	chr9	61260910	61261749	+	0.030055
Tle3	MmuINT0160521	chr9	61261898	61262517	+	0.036303
Tle3	MmuINT0160522	chr9	61262669	61263368	+	0.033786
Tle3	MmuINT0160523	chr9	61263446	61264415	+	0.035691
Tle3	MmuINT0160524	chr9	61221861	61222321	+	0.039206
Tle3	MmuINT0160525	chr9	61222386	61223335	+	0.041732
Tle3	MmuINT0160526	chr9	61223381	61241009	+	0.049954
Tle3	MmuINT0160528	chr9	61249865	61251258	+	0.075812
Tle3	MmuINT0160529	chr9	61251276	61255160	+	0.116625
Tle3	MmuINT0160530	chr9	61255281	61256086	+	0.040212
Tle4	MmuINT0160532	chr19	14541192	14541669	-	0.052822
Tle4	MmuINT0160533	chr19	14539909	14541038	-	0.023654
Tle4	MmuINT0160534	chr19	14539428	14539775	-	0.034629
Tle4	MmuINT0160535	chr19	14538876	14539233	-	0.029134
Tle4	MmuINT0160536	chr19	14529481	14538798	-	0.034183
Tle4	MmuINT0160537	chr19	14528317	14529230	-	0.025978
Tle4	MmuINT0160539	chr19	14526705	14526909	-	0.07213
Tle4	MmuINT0160540	chr19	14526210	14526553	-	0.028084
Tle4	MmuINT0160541	chr19	14524332	14526132	-	0.063963
Tle4	MmuINT0160546	chr19	14592464	14619277	-	0.12238
Tle4	MmuINT0160547	chr19	14590866	14592261	-	0.015508
Tle4	MmuINT0160548	chr19	14542762	14590848	-	0.055306
Tle4	MmuINT0160549	chr19	14541724	14542641	-	0.059007
Tle6	MmuINT0160551	chr10	81055600	81056739	-	0.064225
Tle6	MmuINT0160552	chr10	81054785	81055457	-	0.03792
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Tle6	MmuINT0160556	chr10	81061402	81061821	-	0.057384
Tle6	MmuINT0160557	chr10	81059001	81061355	-	0.12363

Tle6	MmuINT0160558	chr10	81058301	81058589	-	0.311964
Tle6	MmuINT0160560	chr10	81057991	81058067	-	0.092865
Tle6	MmuINT0160561	chr10	81057331	81057952	-	0.083692
Tle6	MmuINT0160562	chr10	81056988	81057071	-	0.175201
Tlk1	MmuINT0160564	chr2	70580300	70583559	-	0.006357
Tlk1	MmuINT0160565	chr2	70576545	70580110	-	0.011503
Tlk1	MmuINT0160566	chr2	70563635	70576477	-	0.011973
Tlk1	MmuINT0160567	chr2	70562141	70563536	-	0.018172
Tlk1	MmuINT0160568	chr2	70560146	70562058	-	0.00811
Tlk1	MmuINT0160569	chr2	70559785	70559963	-	0.016256
Tlk1	MmuINT0160570	chr2	70559267	70559614	-	0.006359
Tlk1	MmuINT0160571	chr2	70555951	70559130	-	0.019761
Tlk1	MmuINT0160573	chr2	70552223	70554668	-	0.024059
Tlk1	MmuINT0160574	chr2	70608133	70624933	-	0.029471
Tlk1	MmuINT0160575	chr2	70595607	70608060	-	0.014505
Tlk1	MmuINT0160577	chr2	70590388	70592496	-	0.012878
Tlk1	MmuINT0160578	chr2	70588582	70590291	-	0.014922
Tlk1	MmuINT0160579	chr2	70587385	70588491	-	0.013895
Tlk1	MmuINT0160580	chr2	70584102	70587291	-	0.011674
Tlk1	MmuINT0160581	chr2	70583697	70583990	-	0.009355
Tlk2	MmuINT0160583	chr11	1.05E+08	1.05E+08	+	0.00705
Tlk2	MmuINT0160584	chr11	1.05E+08	1.05E+08	+	0.005759
Tlk2	MmuINT0160585	chr11	1.05E+08	1.05E+08	+	0.014501
Tlk2	MmuINT0160586	chr11	1.05E+08	1.05E+08	+	0.007947
Tlk2	MmuINT0160587	chr11	1.05E+08	1.05E+08	+	0.007129
Tlk2	MmuINT0160588	chr11	1.05E+08	1.05E+08	+	0.007438
Tlk2	MmuINT0160589	chr11	1.05E+08	1.05E+08	+	0.016321
Tlk2	MmuINT0160590	chr11	1.05E+08	1.05E+08	+	0.007111
Tlk2	MmuINT0160591	chr11	1.05E+08	1.05E+08	+	0.007053
Tlk2	MmuINT0160592	chr11	1.05E+08	1.05E+08	+	0.010303
Tlk2	MmuINT0160594	chr11	1.05E+08	1.05E+08	+	0.051863
Tlk2	MmuINT0160595	chr11	1.05E+08	1.05E+08	+	0.012512
Tlk2	MmuINT0160597	chr11	1.05E+08	1.05E+08	+	0.014592
Tlk2	MmuINT0160598	chr11	1.05E+08	1.05E+08	+	0.014628
Tlk2	MmuINT0160599	chr11	1.05E+08	1.05E+08	+	0.006374
Tlk2	MmuINT0160600	chr11	1.05E+08	1.05E+08	+	0.005016
Tlk2	MmuINT0160601	chr11	1.05E+08	1.05E+08	+	0.010109
Tlk2	MmuINT0160602	chr11	1.05E+08	1.05E+08	+	0.008648
Tln1	MmuINT0160644	chr4	43569656	43575001	-	0.020573
Tln1	MmuINT0160645	chr4	43564160	43565857	-	0.00686
Tln1	MmuINT0160646	chr4	43563911	43564057	-	0.007982
Tln1	MmuINT0160647	chr4	43563251	43563833	-	0.007401
Tln1	MmuINT0160648	chr4	43562924	43563069	-	0.006727
Tln1	MmuINT0160649	chr4	43562704	43562809	-	0.007557
Tln1	MmuINT0160650	chr4	43562402	43562594	-	0.008728
Tln1	MmuINT0160651	chr4	43562057	43562192	-	0.006538
Tln1	MmuINT0160652	chr4	43561019	43561957	-	0.017691
Tln1	MmuINT0160653	chr4	43560669	43560850	-	0.010188
Tln1	MmuINT0160654	chr4	43559789	43560373	-	0.011084
Tln1	MmuINT0160655	chr4	43569259	43569492	-	0.009658

Tln1	MmuINT0160656	chr4	43558861	43559621	-	0.007015
Tln1	MmuINT0160657	chr4	43558595	43558731	-	0.010213
Tln1	MmuINT0160658	chr4	43558393	43558477	-	0.008007
Tln1	MmuINT0160659	chr4	43558101	43558278	-	0.007106
Tln1	MmuINT0160660	chr4	43557842	43557965	-	0.004444
Tln1	MmuINT0160661	chr4	43557551	43557712	-	0.010384
Tln1	MmuINT0160662	chr4	43557361	43557447	-	0.006928
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Tln1	MmuINT0160664	chr4	43556506	43556688	-	0.00328
Tln1	MmuINT0160665	chr4	43556156	43556307	-	0.004904
Tln1	MmuINT0160666	chr4	43568857	43569160	-	0.00645
Tln1	MmuINT0160667	chr4	43555841	43556015	-	0.006714
Tln1	MmuINT0160668	chr4	43555664	43555746	-	0.006207
Tln1	MmuINT0160669	chr4	43555476	43555573	-	0.00609
Tln1	MmuINT0160670	chr4	43553546	43555352	-	0.006908
Tln1	MmuINT0160671	chr4	43553010	43553401	-	0.004024
Tln1	MmuINT0160672	chr4	43552650	43552847	-	0.006895
Tln1	MmuINT0160673	chr4	43552420	43552508	-	0.003887
Tln1	MmuINT0160674	chr4	43552096	43552237	-	0.01004
Tln1	MmuINT0160675	chr4	43551652	43551962	-	0.00516
Tln1	MmuINT0160676	chr4	43551475	43551549	-	0.006667
Tln1	MmuINT0160677	chr4	43568627	43568726	-	0.005007
Tln1	MmuINT0160678	chr4	43551212	43551303	-	0.007021
Tln1	MmuINT0160679	chr4	43550960	43551061	-	0.00397
Tln1	MmuINT0160680	chr4	43550780	43550857	-	0.003323
Tln1	MmuINT0160682	chr4	43549283	43549395	-	0.006589
Tln1	MmuINT0160683	chr4	43549009	43549115	-	0.010771
Tln1	MmuINT0160684	chr4	43548736	43548824	-	0.004558
Tln1	MmuINT0160685	chr4	43548509	43548609	-	0.004407
Tln1	MmuINT0160686	chr4	43547638	43548391	-	0.007768
Tln1	MmuINT0160687	chr4	43547370	43547451	-	0.007161
Tln1	MmuINT0160688	chr4	43568284	43568473	-	0.008311
Tln1	MmuINT0160690	chr4	43546551	43546734	-	0.00403
Tln1	MmuINT0160691	chr4	43546302	43546425	-	0.009727
Tln1	MmuINT0160692	chr4	43546061	43546175	-	0.007483
Tln1	MmuINT0160693	chr4	43545885	43545997	-	0.006606
Tln1	MmuINT0160694	chr4	43545193	43545701	-	0.039733
Tln1	MmuINT0160695	chr4	43544958	43545063	-	0.003758
Tln1	MmuINT0160696	chr4	43568047	43568140	-	0.005291
Tln1	MmuINT0160697	chr4	43567211	43567918	-	0.012575
Tln1	MmuINT0160698	chr4	43566423	43567149	-	0.009264
Tln1	MmuINT0160699	chr4	43566014	43566317	-	0.006264
Tln2	MmuINT0160700	chr9	67307797	67407420	-	0.012029
Tln2	MmuINT0160701	chr9	67218575	67223534	-	0.013131
Tln2	MmuINT0160702	chr9	67215039	67218418	-	0.009412
Tln2	MmuINT0160703	chr9	67213789	67214936	-	0.012816
Tln2	MmuINT0160704	chr9	67210625	67213711	-	0.014989
Tln2	MmuINT0160705	chr9	67209243	67210443	-	0.009842
Tln2	MmuINT0160706	chr9	67204576	67209128	-	0.011068
Tln2	MmuINT0160707	chr9	67203079	67204466	-	0.009333

Tln2	MmuINT0160708	chr9	67202352	67202869	-	0.00755
Tln2	MmuINT0160709	chr9	67196097	67202252	-	0.01031
Tln2	MmuINT0160710	chr9	67194423	67195928	-	0.010343
Tln2	MmuINT0160711	chr9	67245491	67307722	-	0.014884
Tln2	MmuINT0160712	chr9	67192040	67194127	-	0.010975
Tln2	MmuINT0160713	chr9	67189971	67191872	-	0.008146
Tln2	MmuINT0160714	chr9	67188203	67189841	-	0.009279
Tln2	MmuINT0160715	chr9	67186131	67188088	-	0.011706
Tln2	MmuINT0160716	chr9	67182132	67186016	-	0.013548
Tln2	MmuINT0160717	chr9	67179668	67181996	-	0.012111
Tln2	MmuINT0160718	chr9	67178458	67179538	-	0.011231
Tln2	MmuINT0160719	chr9	67170989	67178354	-	0.006992
Tln2	MmuINT0160720	chr9	67169766	67170779	-	0.006934
Tln2	MmuINT0160721	chr9	67167322	67169645	-	0.007882
Tln2	MmuINT0160722	chr9	67243359	67245318	-	0.01284
Tln2	MmuINT0160723	chr9	67166130	67167123	-	0.006764
Tln2	MmuINT0160724	chr9	67159702	67165989	-	0.008942
Tln2	MmuINT0160725	chr9	67156767	67159607	-	0.007529
Tln2	MmuINT0160726	chr9	67154350	67156676	-	0.008566
Tln2	MmuINT0160727	chr9	67152787	67154226	-	0.008429
Tln2	MmuINT0160728	chr9	67150443	67152642	-	0.008069
Tln2	MmuINT0160729	chr9	67144250	67150280	-	0.007333
Tln2	MmuINT0160730	chr9	67143624	67144108	-	0.006146
Tln2	MmuINT0160731	chr9	67141745	67143441	-	0.005425
Tln2	MmuINT0160732	chr9	67137891	67141611	-	0.006439
Tln2	MmuINT0160733	chr9	67241512	67243260	-	0.009138
Tln2	MmuINT0160734	chr9	67134436	67137788	-	0.006462
Tln2	MmuINT0160735	chr9	67125937	67134264	-	0.005179
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Tln2	MmuINT0160737	chr9	67120537	67123127	-	0.009241
Tln2	MmuINT0160738	chr9	67114731	67120416	-	0.021413
Tln2	MmuINT0160739	chr9	67110788	67114583	-	0.00587
Tln2	MmuINT0160740	chr9	67109882	67110620	-	0.006563
Tln2	MmuINT0160741	chr9	67106395	67109697	-	0.008982
Tln2	MmuINT0160742	chr9	67106112	67106268	-	0.007396
Tln2	MmuINT0160743	chr9	67103852	67105994	-	0.004475
Tln2	MmuINT0160744	chr9	67240412	67241381	-	0.010291
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Tln2	MmuINT0160746	chr9	67090240	67098349	-	0.006127
Tln2	MmuINT0160748	chr9	67077265	67088486	-	0.00646
Tln2	MmuINT0160749	chr9	67075252	67077138	-	0.013196
Tln2	MmuINT0160750	chr9	67075098	67075188	-	0.010883
Tln2	MmuINT0160751	chr9	67071909	67074914	-	0.014048
Tln2	MmuINT0160752	chr9	67069326	67071782	-	0.004738
Tln2	MmuINT0160753	chr9	67236520	67240258	-	0.00801
Tln2	MmuINT0160754	chr9	67234492	67236376	-	0.01313
Tln2	MmuINT0160755	chr9	67224678	67234363	-	0.008051
Tln2	MmuINT0160756	chr9	67223640	67224613	-	0.009089
Tlr2	MmuINT0160762	chr3	83642712	83644810	-	0.087972
Tlr3	MmuINT0160766	chr8	46486192	46488051	-	0.095026

Tlr3	MmuINT0160768	chr8	46482496	46482723	-	0.053976
Tlr4	MmuINT0160769	chr4	66488956	66494927	+	0.020504
Tlr4	MmuINT0160770	chr4	66495095	66500262	+	0.051897
Tm2d1	MmuINT0160785	chr4	98047381	98049758	-	0.003421
Tm2d1	MmuINT0160786	chr4	98041720	98047308	-	0.00133
Tm2d2	MmuINT0160791	chr8	26128065	26128537	+	0.003212
Tm2d2	MmuINT0160792	chr8	26128626	26130910	+	0.013966
Tm2d2	MmuINT0160793	chr8	26131027	26133037	+	0.006822
Tm2d3	MmuINT0160795	chr7	72838456	72838736	+	0.235529
Tm2d3	MmuINT0160796	chr7	72838830	72840028	+	0.156898
Tm2d3	MmuINT0160797	chr7	72840214	72842581	+	0.009417
Tm2d3	MmuINT0160798	chr7	72842757	72843977	+	0.060134
Tm2d3	MmuINT0160799	chr7	72844054	72846478	+	0.01818
Tm4sf1	MmuINT0160802	chr3	57097025	57098533	-	0.016624
Tm4sf1	MmuINT0160803	chr3	57096848	57096934	-	0.00421
Tm4sf1	MmuINT0160804	chr3	57093792	57096701	-	0.02501
Tm4sf1	MmuINT0160805	chr3	57091693	57093610	-	0.015515
Tm6sf1	MmuINT0160821	chr7	89004427	89008035	+	0.044328
Tm6sf1	MmuINT0160822	chr7	89008140	89010132	+	0.034497
Tm6sf1	MmuINT0160823	chr7	89010231	89013526	+	0.17254
Tm6sf1	MmuINT0160824	chr7	89013631	89015582	+	0.198792
Tm6sf1	MmuINT0160825	chr7	89015666	89016254	+	0.136118
Tm6sf1	MmuINT0160826	chr7	89016377	89018617	+	0.593732
Tm6sf1	MmuINT0160827	chr7	89018723	89020609	+	0.078747
Tm6sf1	MmuINT0160828	chr7	89020703	89020860	+	0.025112
Tm7sf2	MmuINT0160838	chr19	6067320	6067668	-	0.402347
Tm7sf2	MmuINT0160841	chr19	6066415	6066498	-	0.168366
Tm7sf2	MmuINT0160842	chr19	6064199	6066310	-	0.292997
Tm7sf2	MmuINT0160843	chr19	6063991	6064078	-	0.173448
Tm7sf2	MmuINT0160844	chr19	6063608	6063821	-	0.222363
Tm7sf2	MmuINT0160845	chr19	6063447	6063526	-	0.20636
Tm7sf2	MmuINT0160846	chr19	6063074	6063323	-	0.148436
Tm7sf3	MmuINT0160847	chr6	1.47E+08	1.47E+08	-	0.031326
Tm7sf3	MmuINT0160848	chr6	1.47E+08	1.47E+08	-	0.014904
Tm7sf3	MmuINT0160849	chr6	1.47E+08	1.47E+08	-	0.016314
Tm7sf3	MmuINT0160850	chr6	1.47E+08	1.47E+08	-	0.023087
Tm7sf3	MmuINT0160851	chr6	1.47E+08	1.47E+08	-	0.054314
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Tm7sf3	MmuINT0160855	chr6	1.47E+08	1.47E+08	-	0.012812
Tm7sf3	MmuINT0160856	chr6	1.47E+08	1.47E+08	-	0.012301
Tm7sf3	MmuINT0160857	chr6	1.47E+08	1.47E+08	-	0.035677
Tm9sf1	MmuINT0160861	chr14	56261793	56262218	-	0.93212
Tm9sf1	MmuINT0160862	chr14	56260426	56261430	-	0.007045
Tm9sf1	MmuINT0160863	chr14	56259408	56259803	-	0.026528
Tm9sf1	MmuINT0160864	chr14	56256970	56259221	-	0.072338
Tm9sf1	MmuINT0160865	chr14	56255450	56256695	-	0.03561
Tm9sf2	MmuINT0160866	chr14	1.23E+08	1.23E+08	+	0.003576
Tm9sf2	MmuINT0160867	chr14	1.23E+08	1.23E+08	+	0.001822
Tm9sf2	MmuINT0160868	chr14	1.23E+08	1.23E+08	+	0.002593

Tm9sf2	MmuINT0160869	chr14	1.23E+08	1.23E+08	+	0.006457
Tm9sf2	MmuINT0160870	chr14	1.23E+08	1.23E+08	+	0.002199
Tm9sf2	MmuINT0160871	chr14	1.23E+08	1.23E+08	+	0.001729
Tm9sf2	MmuINT0160872	chr14	1.23E+08	1.23E+08	+	0.00483
Tm9sf2	MmuINT0160873	chr14	1.23E+08	1.23E+08	+	0.004479
Tm9sf2	MmuINT0160874	chr14	1.23E+08	1.23E+08	+	0.004748
Tm9sf2	MmuINT0160875	chr14	1.23E+08	1.23E+08	+	0.001929
Tm9sf2	MmuINT0160876	chr14	1.23E+08	1.23E+08	+	0.002641
Tm9sf2	MmuINT0160877	chr14	1.23E+08	1.23E+08	+	0.002807
Tm9sf2	MmuINT0160878	chr14	1.23E+08	1.23E+08	+	0.001672
Tm9sf2	MmuINT0160879	chr14	1.23E+08	1.23E+08	+	0.002716
Tm9sf2	MmuINT0160880	chr14	1.23E+08	1.23E+08	+	0.003338
Tm9sf2	MmuINT0160881	chr14	1.23E+08	1.23E+08	+	0.001849
Tm9sf3	MmuINT0160882	chr19	41330831	41338248	-	0.013005
Tm9sf3	MmuINT0160883	chr19	41295796	41297573	-	0.00612
Tm9sf3	MmuINT0160884	chr19	41292807	41295726	-	0.00361
Tm9sf3	MmuINT0160885	chr19	41291922	41292659	-	0.004727
Tm9sf3	MmuINT0160888	chr19	41322519	41330634	-	0.004062
Tm9sf3	MmuINT0160889	chr19	41321294	41322395	-	0.003768
Tm9sf3	MmuINT0160891	chr19	41315199	41319933	-	0.005199
Tm9sf3	MmuINT0160892	chr19	41313335	41315066	-	0.004083
Tm9sf3	MmuINT0160893	chr19	41309266	41313167	-	0.003658
Tm9sf3	MmuINT0160894	chr19	41306964	41309170	-	0.004097
Tm9sf3	MmuINT0160895	chr19	41297714	41306832	-	0.003155
Tm9sf4	MmuINT0160896	chr2	1.53E+08	1.53E+08	+	0.030408
Tm9sf4	MmuINT0160897	chr2	1.53E+08	1.53E+08	+	0.008799
Tm9sf4	MmuINT0160898	chr2	1.53E+08	1.53E+08	+	0.006523
Tm9sf4	MmuINT0160899	chr2	1.53E+08	1.53E+08	+	0.012681
Tm9sf4	MmuINT0160900	chr2	1.53E+08	1.53E+08	+	0.065181
Tm9sf4	MmuINT0160901	chr2	1.53E+08	1.53E+08	+	0.037051
Tm9sf4	MmuINT0160902	chr2	1.53E+08	1.53E+08	+	0.016067
Tm9sf4	MmuINT0160903	chr2	1.53E+08	1.53E+08	+	0.006096
Tm9sf4	MmuINT0160904	chr2	1.53E+08	1.53E+08	+	0.010214
Tm9sf4	MmuINT0160905	chr2	1.53E+08	1.53E+08	+	0.005808
Tm9sf4	MmuINT0160906	chr2	1.53E+08	1.53E+08	+	0.022295
Tm9sf4	MmuINT0160907	chr2	1.53E+08	1.53E+08	+	0.005933
Tm9sf4	MmuINT0160908	chr2	1.53E+08	1.53E+08	+	0.006153
Tm9sf4	MmuINT0160909	chr2	1.53E+08	1.53E+08	+	0.017252
Tm9sf4	MmuINT0160910	chr2	1.53E+08	1.53E+08	+	0.01392
Tm9sf4	MmuINT0160911	chr2	1.53E+08	1.53E+08	+	0.010061
Tm9sf4	MmuINT0160912	chr2	1.53E+08	1.53E+08	+	0.009675
Tmbim1	MmuINT0160913	chr1	74342014	74350696	-	0.022171
Tmbim1	MmuINT0160914	chr1	74336499	74337325	-	0.024306
Tmbim1	MmuINT0160915	chr1	74336093	74336444	-	0.017662
Tmbim1	MmuINT0160916	chr1	74340577	74341771	-	0.00663
Tmbim1	MmuINT0160917	chr1	74339644	74340481	-	0.020347
Tmbim1	MmuINT0160918	chr1	74339463	74339578	-	0.014433
Tmbim1	MmuINT0160919	chr1	74339082	74339408	-	0.070539
Tmbim1	MmuINT0160920	chr1	74338309	74339030	-	0.052768
Tmbim1	MmuINT0160921	chr1	74338043	74338268	-	0.05144



Tmbim1	MmuINT0160922	chr1	74337862	74338004	-	0.035504
Tmbim1	MmuINT0160923	chr1	74337422	74337773	-	0.013515
Tmbim4	MmuINT0160924	chr10	1.2E+08	1.2E+08	+	0.001371
Tmbim4	MmuINT0160925	chr10	1.2E+08	1.2E+08	+	0.001892
Tmbim4	MmuINT0160926	chr10	1.2E+08	1.2E+08	+	0.013855
Tmbim4	MmuINT0160927	chr10	1.2E+08	1.2E+08	+	0.019418
Tmbim4	MmuINT0160928	chr10	1.2E+08	1.2E+08	+	0.007731
Tmbim4	MmuINT0160929	chr10	1.2E+08	1.2E+08	+	0.008985
Tmbim6	MmuINT0160936	chr15	99232095	99232491	+	0.000203
Tmbim6	MmuINT0160937	chr15	99232601	99234844	+	0.001764
Tmbim6	MmuINT0160938	chr15	99234966	99236147	+	0.002198
Tmbim6	MmuINT0160939	chr15	99236197	99236291	+	0.004697
Tmbim6	MmuINT0160940	chr15	99236390	99236582	+	0.004605
Tmbim6	MmuINT0160941	chr15	99236663	99237007	+	0.009632
Tmbim6	MmuINT0160942	chr15	99237109	99237698	+	0.00784
Tmbim6	MmuINT0160943	chr15	99237775	99238905	+	0.022653
Tmc4	MmuINT0161017	chr7	3621644	3622539	-	0.632968
Tmc4	MmuINT0161018	chr7	3621274	3621516	-	0.052616
Tmc6	MmuINT0161041	chr11	1.18E+08	1.18E+08	-	0.034093
Tmc6	MmuINT0161042	chr11	1.18E+08	1.18E+08	-	0.176873
Tmc6	MmuINT0161043	chr11	1.18E+08	1.18E+08	-	0.067066
Tmc6	MmuINT0161044	chr11	1.18E+08	1.18E+08	-	0.271516
Tmc6	MmuINT0161045	chr11	1.18E+08	1.18E+08	-	0.040907
Tmc6	MmuINT0161046	chr11	1.18E+08	1.18E+08	-	0.4255
Tmc6	MmuINT0161047	chr11	1.18E+08	1.18E+08	-	0.034673
Tmc6	MmuINT0161048	chr11	1.18E+08	1.18E+08	-	0.069539
Tmc6	MmuINT0161049	chr11	1.18E+08	1.18E+08	-	0.11562
Tmc6	MmuINT0161050	chr11	1.18E+08	1.18E+08	-	0.128401
Tmc6	MmuINT0161051	chr11	1.18E+08	1.18E+08	-	0.109154
Tmc6	MmuINT0161052	chr11	1.18E+08	1.18E+08	-	0.120581
Tmc6	MmuINT0161053	chr11	1.18E+08	1.18E+08	-	0.059036
Tmc6	MmuINT0161054	chr11	1.18E+08	1.18E+08	-	0.040544
Tmc6	MmuINT0161055	chr11	1.18E+08	1.18E+08	-	0.101748
Tmc6	MmuINT0161056	chr11	1.18E+08	1.18E+08	-	0.126653
Tmc6	MmuINT0161057	chr11	1.18E+08	1.18E+08	-	0.051703
Tmc7	MmuINT0161064	chr7	1.26E+08	1.26E+08	-	0.043625
Tmc8	MmuINT0161078	chr11	1.18E+08	1.18E+08	+	0.138461
Tmc8	MmuINT0161079	chr11	1.18E+08	1.18E+08	+	0.067453
Tmc8	MmuINT0161080	chr11	1.18E+08	1.18E+08	+	0.513993
Tmc8	MmuINT0161081	chr11	1.18E+08	1.18E+08	+	0.234977
Tmcc1	MmuINT0161088	chr6	1.16E+08	1.16E+08	-	0.041102
Tmcc1	MmuINT0161090	chr6	1.16E+08	1.16E+08	-	0.025525
Tmcc1	MmuINT0161091	chr6	1.16E+08	1.16E+08	-	0.013072
Tmcc1	MmuINT0161092	chr6	1.16E+08	1.16E+08	-	0.014869
Tmcc2	MmuINT0161093	chr1	1.34E+08	1.34E+08	-	0.010739
Tmcc2	MmuINT0161094	chr1	1.34E+08	1.34E+08	-	0.011713
Tmcc2	MmuINT0161095	chr1	1.34E+08	1.34E+08	-	0.037107
Tmcc2	MmuINT0161096	chr1	1.34E+08	1.34E+08	-	0.021431
Tmcc3	MmuINT0161098	chr10	93977850	94041167	+	0.035678
Tmcc3	MmuINT0161099	chr10	94042085	94045018	+	0.017216

Tmcc3	MmuINT0161100	chr10	94045155	94049472	+	0.029855
Tmco1	MmuINT0161102	chr1	1.69E+08	1.69E+08	+	0.001573
Tmco1	MmuINT0161103	chr1	1.69E+08	1.69E+08	+	0.002616
Tmco1	MmuINT0161104	chr1	1.69E+08	1.69E+08	+	0.003153
Tmco1	MmuINT0161105	chr1	1.69E+08	1.69E+08	+	0.003229
Tmco1	MmuINT0161106	chr1	1.69E+08	1.69E+08	+	0.002644
Tmco1	MmuINT0161107	chr1	1.69E+08	1.69E+08	+	0.002337
Tmco3	MmuINT0161109	chr8	13288388	13291656	+	0.007016
Tmco3	MmuINT0161110	chr8	13313957	13318842	+	0.017608
Tmco3	MmuINT0161111	chr8	13318923	13319762	+	0.030164
Tmco3	MmuINT0161112	chr8	13319913	13320760	+	0.008408
Tmco3	MmuINT0161113	chr8	13292172	13292709	+	0.006718
Tmco3	MmuINT0161114	chr8	13292890	13294845	+	0.007242
Tmco3	MmuINT0161115	chr8	13295038	13295979	+	0.009515
Tmco3	MmuINT0161116	chr8	13296109	13298212	+	0.010745
Tmco3	MmuINT0161117	chr8	13298306	13303727	+	0.014192
Tmco3	MmuINT0161118	chr8	13303915	13308345	+	0.031321
Tmco3	MmuINT0161119	chr8	13308467	13310144	+	0.008337
Tmco3	MmuINT0161120	chr8	13310341	13313805	+	0.011885
Tmco4	MmuINT0161121	chr4	1.39E+08	1.39E+08	+	0.061354
Tmco4	MmuINT0161122	chr4	1.39E+08	1.39E+08	+	0.028279
Tmco4	MmuINT0161123	chr4	1.39E+08	1.39E+08	+	0.02224
Tmco4	MmuINT0161124	chr4	1.39E+08	1.39E+08	+	0.020696
Tmco4	MmuINT0161125	chr4	1.39E+08	1.39E+08	+	0.026523
Tmco4	MmuINT0161126	chr4	1.39E+08	1.39E+08	+	0.040108
Tmco4	MmuINT0161127	chr4	1.39E+08	1.39E+08	+	0.040019
Tmco4	MmuINT0161128	chr4	1.39E+08	1.39E+08	+	0.020892
Tmco4	MmuINT0161129	chr4	1.39E+08	1.39E+08	+	0.027519
Tmco4	MmuINT0161130	chr4	1.39E+08	1.39E+08	+	0.02089
Tmco4	MmuINT0161131	chr4	1.39E+08	1.39E+08	+	0.027589
Tmco4	MmuINT0161132	chr4	1.39E+08	1.39E+08	+	0.014981
Tmco4	MmuINT0161133	chr4	1.39E+08	1.39E+08	+	0.026628
Tmco4	MmuINT0161134	chr4	1.39E+08	1.39E+08	+	0.021815
Tmco4	MmuINT0161135	chr4	1.39E+08	1.39E+08	+	0.019264
Tmco4	MmuINT0161136	chr4	1.39E+08	1.39E+08	+	0.020251
Tmco6	MmuINT0161159	chr18	36894911	36895041	+	0.048307
Tmco6	MmuINT0161160	chr18	36900801	36901315	+	0.300328
Tmco6	MmuINT0161161	chr18	36901484	36901700	+	0.120004
Tmco6	MmuINT0161162	chr18	36895155	36897110	+	0.05376
Tmco6	MmuINT0161164	chr18	36897507	36897749	+	0.289063
Tmco6	MmuINT0161166	chr18	36898102	36898281	+	0.245822
Tmco6	MmuINT0161167	chr18	36898399	36898606	+	0.115781
Tmco6	MmuINT0161168	chr18	36898719	36898808	+	0.058765
Tmco6	MmuINT0161169	chr18	36898996	36900705	+	0.255312
Tmco7	MmuINT0161171	chr8	1.09E+08	1.09E+08	+	0.027064
Tmco7	MmuINT0161172	chr8	1.09E+08	1.09E+08	+	0.022642
Tmco7	MmuINT0161173	chr8	1.09E+08	1.09E+08	+	0.024889
Tmco7	MmuINT0161174	chr8	1.09E+08	1.09E+08	+	0.046531
Tmco7	MmuINT0161175	chr8	1.09E+08	1.09E+08	+	0.039422
Tmco7	MmuINT0161176	chr8	1.09E+08	1.09E+08	+	0.019866

Tmco7	MmuINT0161177	chr8	1.09E+08	1.09E+08	+	0.024917
Tmco7	MmuINT0161178	chr8	1.09E+08	1.09E+08	+	0.026342
Tmco7	MmuINT0161181	chr8	1.09E+08	1.09E+08	+	0.030126
Tmco7	MmuINT0161182	chr8	1.09E+08	1.09E+08	+	0.020526
Tmco7	MmuINT0161183	chr8	1.09E+08	1.09E+08	+	0.022164
Tmco7	MmuINT0161186	chr8	1.09E+08	1.09E+08	+	0.021988
Tmed1	MmuINT0161187	chr9	21313796	21314437	-	0.006614
Tmed1	MmuINT0161188	chr9	21313559	21313697	-	0.028306
Tmed3	MmuINT0161201	chr9	89597859	89599583	-	0.013524
Tmed3	MmuINT0161202	chr9	89594818	89597609	-	0.01079
Tmed4	MmuINT0161203	chr11	6174502	6174676	-	0.036886
Tmed4	MmuINT0161204	chr11	6174237	6174400	-	0.005195
Tmed4	MmuINT0161205	chr11	6173891	6174110	-	0.002538
Tmed4	MmuINT0161206	chr11	6171804	6173743	-	0.012036
Tmed5	MmuINT0161207	chr5	1.09E+08	1.09E+08	-	0.012157
Tmed5	MmuINT0161208	chr5	1.09E+08	1.09E+08	-	0.029195
Tmed5	MmuINT0161209	chr5	1.09E+08	1.09E+08	-	0.030042
Tmed7	MmuINT0161213	chr18	46753149	46756744	-	0.00672
Tmed7	MmuINT0161214	chr18	46748343	46752902	-	0.007697
Tmed8	MmuINT0161217	chr12	88515618	88517583	-	0.051801
Tmed8	MmuINT0161218	chr12	88515304	88515490	-	0.036027
Tmed9	MmuINT0161220	chr13	55694719	55694861	+	0.007209
Tmed9	MmuINT0161221	chr13	55694963	55696065	+	0.004406
Tmed9	MmuINT0161222	chr13	55696192	55696828	+	0.002
Tmed9	MmuINT0161223	chr13	55696976	55698201	+	0.002658
Tmeff1	MmuINT0161225	chr4	48617563	48623284	+	0.023269
Tmeff1	MmuINT0161226	chr4	48623415	48627828	+	0.023443
Tmeff1	MmuINT0161228	chr4	48630204	48649711	+	0.015448
Tmeff1	MmuINT0161229	chr4	48649861	48651851	+	0.019065
Tmeff1	MmuINT0161230	chr4	48651918	48663166	+	0.027692
Tmeff1	MmuINT0161231	chr4	48663291	48671645	+	0.018592
Tmeff1	MmuINT0161232	chr4	48671805	48674872	+	0.016123
Tmem100	MmuINT0161243	chr11	89895042	89896589	+	0.049227
Tmem101	MmuINT0161244	chr11	1.02E+08	1.02E+08	-	0.040486
Tmem101	MmuINT0161245	chr11	1.02E+08	1.02E+08	-	0.01915
Tmem101	MmuINT0161246	chr11	1.02E+08	1.02E+08	-	0.01857
Tmem104	MmuINT0161248	chr11	1.15E+08	1.15E+08	+	0.032726
Tmem104	MmuINT0161249	chr11	1.15E+08	1.15E+08	+	0.058656
Tmem104	MmuINT0161251	chr11	1.15E+08	1.15E+08	+	0.051634
Tmem104	MmuINT0161252	chr11	1.15E+08	1.15E+08	+	0.043066
Tmem104	MmuINT0161253	chr11	1.15E+08	1.15E+08	+	0.066627
Tmem104	MmuINT0161254	chr11	1.15E+08	1.15E+08	+	0.03607
Tmem104	MmuINT0161255	chr11	1.15E+08	1.15E+08	+	0.221
Tmem104	MmuINT0161256	chr11	1.15E+08	1.15E+08	+	0.03212
Tmem106a	MmuINT0161257	chr11	1.01E+08	1.01E+08	+	0.510904
Tmem106a	MmuINT0161258	chr11	1.01E+08	1.01E+08	+	0.043289
Tmem106a	MmuINT0161259	chr11	1.01E+08	1.01E+08	+	0.145985
Tmem106a	MmuINT0161260	chr11	1.01E+08	1.01E+08	+	0.217708
Tmem106a	MmuINT0161261	chr11	1.01E+08	1.01E+08	+	0.031056
Tmem106a	MmuINT0161262	chr11	1.01E+08	1.01E+08	+	0.08865

Tmem106a	MmuINT0161263	chr11	1.01E+08	1.01E+08	+	0.047818
Tmem106a	MmuINT0161264	chr11	1.01E+08	1.01E+08	+	0.058681
Tmem106b	MmuINT0161265	chr6	13019961	13020307	+	0.041637
Tmem106b	MmuINT0161266	chr6	13020415	13021741	+	0.004809
Tmem106b	MmuINT0161267	chr6	13021964	13025035	+	0.002549
Tmem106b	MmuINT0161268	chr6	13025100	13028091	+	0.004336
Tmem106b	MmuINT0161269	chr6	13028252	13031539	+	0.005292
Tmem106b	MmuINT0161270	chr6	13031681	13032412	+	0.011134
Tmem106b	MmuINT0161271	chr6	13032463	13033368	+	0.015434
Tmem106b	MmuINT0161272	chr6	13033423	13034187	+	0.010648
Tmem106c	MmuINT0161273	chr15	97794935	97795270	+	0.088941
Tmem106c	MmuINT0161274	chr15	97795462	97796677	+	0.041353
Tmem106c	MmuINT0161275	chr15	97796742	97797367	+	0.027731
Tmem106c	MmuINT0161276	chr15	97797528	97797617	+	0.012682
Tmem106c	MmuINT0161277	chr15	97797759	97798507	+	0.019675
Tmem106c	MmuINT0161278	chr15	97798558	97799039	+	0.034032
Tmem106c	MmuINT0161279	chr15	97799094	97800017	+	0.041197
Tmem107	MmuINT0161280	chr11	68886022	68886247	+	0.095353
Tmem107	MmuINT0161281	chr11	68884536	68884725	+	0.220434
Tmem107	MmuINT0161282	chr11	68884794	68884875	+	0.104095
Tmem109	MmuINT0161288	chr19	10948977	10956141	-	0.002591
Tmem109	MmuINT0161289	chr19	10947180	10948731	-	0.002672
Tmem109	MmuINT0161290	chr19	10946640	10947076	-	0.020061
Tmem11	MmuINT0161291	chr11	60689550	60692214	-	0.894079
Tmem110	MmuINT0161294	chr14	31639077	31676065	+	0.047134
Tmem110	MmuINT0161295	chr14	31676115	31677614	+	0.070746
Tmem110	MmuINT0161296	chr14	31677711	31679808	+	0.062983
Tmem110	MmuINT0161297	chr14	31679931	31683936	+	0.105365
Tmem110	MmuINT0161298	chr14	31684050	31684666	+	0.073273
Tmem110	MmuINT0161299	chr14	31684745	31685735	+	0.054872
Tmem110	MmuINT0161300	chr14	31685886	31687563	+	0.022731
Tmem111	MmuINT0161301	chr6	1.13E+08	1.13E+08	-	0.009857
Tmem111	MmuINT0161302	chr6	1.13E+08	1.13E+08	-	0.005455
Tmem111	MmuINT0161303	chr6	1.13E+08	1.13E+08	-	0.005609
Tmem111	MmuINT0161304	chr6	1.13E+08	1.13E+08	-	0.004302
Tmem111	MmuINT0161305	chr6	1.13E+08	1.13E+08	-	0.007214
Tmem111	MmuINT0161306	chr6	1.13E+08	1.13E+08	-	0.003083
Tmem111	MmuINT0161307	chr6	1.13E+08	1.13E+08	-	0.002752
Tmem115	MmuINT0161311	chr9	1.07E+08	1.07E+08	+	0.009921
Tmem116	MmuINT0161313	chr5	1.22E+08	1.22E+08	+	0.044814
Tmem116	MmuINT0161314	chr5	1.22E+08	1.22E+08	+	0.024329
Tmem116	MmuINT0161316	chr5	1.22E+08	1.22E+08	+	0.034964
Tmem116	MmuINT0161318	chr5	1.22E+08	1.22E+08	+	0.032581
Tmem116	MmuINT0161319	chr5	1.22E+08	1.22E+08	+	0.034432
Tmem116	MmuINT0161320	chr5	1.22E+08	1.22E+08	+	0.101656
Tmem117	MmuINT0161325	chr15	94459734	94468491	+	0.031234
Tmem117	MmuINT0161326	chr15	94468795	94545292	+	0.019658
Tmem117	MmuINT0161327	chr15	94545426	94709811	+	0.017781
Tmem117	MmuINT0161328	chr15	94709912	94762226	+	0.024562
Tmem117	MmuINT0161329	chr15	94762325	94841746	+	0.017445

Tmem117	MmuINT0161330	chr15	94841907	94904834	+	0.018502
Tmem117	MmuINT0161331	chr15	94904965	94924789	+	0.015795
Tmem120a	MmuINT0161333	chr5	1.36E+08	1.36E+08	-	0.012723
Tmem120a	MmuINT0161334	chr5	1.36E+08	1.36E+08	-	0.017014
Tmem120a	MmuINT0161335	chr5	1.36E+08	1.36E+08	-	0.006273
Tmem120a	MmuINT0161336	chr5	1.36E+08	1.36E+08	-	0.018107
Tmem120a	MmuINT0161337	chr5	1.36E+08	1.36E+08	-	0.026751
Tmem120a	MmuINT0161338	chr5	1.36E+08	1.36E+08	-	0.020828
Tmem120a	MmuINT0161339	chr5	1.36E+08	1.36E+08	-	0.03248
Tmem120a	MmuINT0161340	chr5	1.36E+08	1.36E+08	-	0.030391
Tmem120a	MmuINT0161341	chr5	1.36E+08	1.36E+08	-	0.026788
Tmem120a	MmuINT0161342	chr5	1.36E+08	1.36E+08	-	0.017234
Tmem120a	MmuINT0161343	chr5	1.36E+08	1.36E+08	-	0.01567
Tmem120b	MmuINT0161344	chr5	1.24E+08	1.24E+08	+	0.038143
Tmem120b	MmuINT0161345	chr5	1.24E+08	1.24E+08	+	0.167247
Tmem120b	MmuINT0161346	chr5	1.24E+08	1.24E+08	+	0.073563
Tmem120b	MmuINT0161347	chr5	1.24E+08	1.24E+08	+	0.028771
Tmem120b	MmuINT0161348	chr5	1.24E+08	1.24E+08	+	0.067847
Tmem120b	MmuINT0161349	chr5	1.24E+08	1.24E+08	+	0.041429
Tmem120b	MmuINT0161350	chr5	1.24E+08	1.24E+08	+	0.049338
Tmem120b	MmuINT0161351	chr5	1.24E+08	1.24E+08	+	0.063114
Tmem120b	MmuINT0161352	chr5	1.24E+08	1.24E+08	+	0.030135
Tmem120b	MmuINT0161353	chr5	1.24E+08	1.24E+08	+	0.054842
Tmem120b	MmuINT0161354	chr5	1.24E+08	1.24E+08	+	0.109436
Tmem123	MmuINT0161356	chr9	7764313	7768289	+	0.012237
Tmem123	MmuINT0161357	chr9	7768341	7790841	+	0.010084
Tmem123	MmuINT0161358	chr9	7791109	7791310	+	0.008601
Tmem123	MmuINT0161359	chr9	7791465	7792170	+	0.01165
Tmem126a	MmuINT0161363	chr7	97604030	97605581	-	0.001251
Tmem126a	MmuINT0161366	chr7	97599446	97600052	-	0.006863
Tmem126b	MmuINT0161367	chr7	97621230	97624404	-	0.014982
Tmem126b	MmuINT0161368	chr7	97619469	97621107	-	0.024274
Tmem126b	MmuINT0161369	chr7	97618192	97619274	-	0.014946
Tmem126b	MmuINT0161370	chr7	97617672	97618079	-	0.011411
Tmem127	MmuINT0161371	chr2	1.27E+08	1.27E+08	+	0.266998
Tmem127	MmuINT0161372	chr2	1.27E+08	1.27E+08	+	0.040532
Tmem127	MmuINT0161373	chr2	1.27E+08	1.27E+08	+	0.02065
Tmem128	MmuINT0161374	chr5	38651732	38653235	+	0.026182
Tmem128	MmuINT0161375	chr5	38653378	38656050	+	0.013606
Tmem128	MmuINT0161376	chr5	38656210	38658417	+	0.083866
Tmem128	MmuINT0161377	chr5	38658524	38660297	+	0.046651
Tmem129	MmuINT0161378	chr5	33998447	34000271	-	0.10658
Tmem129	MmuINT0161379	chr5	33997522	33997971	-	0.020634
Tmem129	MmuINT0161380	chr5	33997264	33997361	-	0.017089
Tmem131	MmuINT0161389	chr1	36890403	36891460	-	0.019427
Tmem131	MmuINT0161390	chr1	36886520	36890340	-	0.014479
Tmem131	MmuINT0161391	chr1	36885019	36886410	-	0.020356
Tmem131	MmuINT0161392	chr1	36884261	36884909	-	0.015239
Tmem131	MmuINT0161393	chr1	36884027	36884106	-	0.013737
Tmem131	MmuINT0161394	chr1	36882385	36883855	-	0.02115

Tmem131	MmuINT0161395	chr1	36882192	36882273	-	0.01701
Tmem131	MmuINT0161396	chr1	36881666	36882056	-	0.011528
Tmem131	MmuINT0161397	chr1	36879999	36881560	-	0.012408
Tmem131	MmuINT0161398	chr1	36876061	36879911	-	0.014441
Tmem131	MmuINT0161399	chr1	36938220	36946108	-	0.028861
Tmem131	MmuINT0161400	chr1	36875814	36875907	-	0.012545
Tmem131	MmuINT0161401	chr1	36875621	36875737	-	0.012373
Tmem131	MmuINT0161402	chr1	36873093	36875502	-	0.014042
Tmem131	MmuINT0161403	chr1	36872842	36872953	-	0.055781
Tmem131	MmuINT0161404	chr1	36872367	36872731	-	0.077959
Tmem131	MmuINT0161405	chr1	36869554	36872299	-	0.013977
Tmem131	MmuINT0161406	chr1	36869149	36869401	-	0.008512
Tmem131	MmuINT0161407	chr1	36868440	36869005	-	0.007646
Tmem131	MmuINT0161408	chr1	36867312	36868252	-	0.018526
Tmem131	MmuINT0161409	chr1	36865831	36867125	-	0.012387
Tmem131	MmuINT0161410	chr1	36929426	36938178	-	0.027626
Tmem131	MmuINT0161411	chr1	36865322	36865671	-	0.021686
Tmem131	MmuINT0161412	chr1	36861492	36864728	-	0.011969
Tmem131	MmuINT0161413	chr1	36858798	36861312	-	0.005573
Tmem131	MmuINT0161414	chr1	36856249	36858669	-	0.012499
Tmem131	MmuINT0161415	chr1	36855937	36856123	-	0.013706
Tmem131	MmuINT0161416	chr1	36853170	36855786	-	0.043337
Tmem131	MmuINT0161417	chr1	36852262	36853006	-	0.034081
Tmem131	MmuINT0161418	chr1	36852043	36852139	-	0.026986
Tmem131	MmuINT0161419	chr1	36851747	36851945	-	0.035435
Tmem131	MmuINT0161420	chr1	36851044	36851648	-	0.027971
Tmem131	MmuINT0161421	chr1	36911813	36929356	-	0.019912
Tmem131	MmuINT0161422	chr1	36850051	36850888	-	0.008846
Tmem131	MmuINT0161423	chr1	36898556	36911688	-	0.016476
Tmem131	MmuINT0161424	chr1	36897357	36898438	-	0.019705
Tmem131	MmuINT0161425	chr1	36894885	36897233	-	0.016749
Tmem131	MmuINT0161426	chr1	36891758	36894803	-	0.01368
Tmem131	MmuINT0161427	chr1	36891518	36891606	-	0.020522
Tmem132a	MmuINT0161428	chr19	10941635	10944028	-	0.030228
Tmem132a	MmuINT0161429	chr19	10933642	10934053	-	0.18418
Tmem132a	MmuINT0161430	chr19	10941178	10941419	-	0.021073
Tmem132a	MmuINT0161431	chr19	10940078	10940958	-	0.013738
Tmem132a	MmuINT0161432	chr19	10938595	10939745	-	0.025334
Tmem132a	MmuINT0161433	chr19	10938151	10938444	-	0.125481
Tmem132a	MmuINT0161434	chr19	10937857	10937954	-	0.018612
Tmem132a	MmuINT0161435	chr19	10936223	10937712	-	0.022023
Tmem132a	MmuINT0161436	chr19	10934888	10936019	-	0.057452
Tmem132a	MmuINT0161437	chr19	10934246	10934613	-	0.079284
Tmem134	MmuINT0161473	chr19	4126201	4127056	+	0.002447
Tmem134	MmuINT0161474	chr19	4127122	4127549	+	0.137245
Tmem134	MmuINT0161475	chr19	4127640	4127759	+	0.026032
Tmem134	MmuINT0161476	chr19	4127837	4131228	+	0.025938
Tmem134	MmuINT0161477	chr19	4131283	4131361	+	0.00333
Tmem135	MmuINT0161478	chr7	96455775	96486957	-	0.005777
Tmem135	MmuINT0161479	chr7	96299987	96302537	-	0.011984

Tmem135	MmuINT0161480	chr7	96296557	96299922	-	0.00836
Tmem135	MmuINT0161481	chr7	96293266	96296479	-	0.006783
Tmem135	MmuINT0161482	chr7	96292359	96293166	-	0.01751
Tmem135	MmuINT0161483	chr7	96290481	96292290	-	0.009504
Tmem135	MmuINT0161484	chr7	96453284	96455646	-	0.011145
Tmem135	MmuINT0161485	chr7	96428511	96453190	-	0.01444
Tmem135	MmuINT0161487	chr7	96344670	96392430	-	0.016772
Tmem135	MmuINT0161488	chr7	96313677	96344622	-	0.011886
Tmem135	MmuINT0161489	chr7	96307526	96313634	-	0.007568
Tmem135	MmuINT0161490	chr7	96305007	96307378	-	0.009408
Tmem135	MmuINT0161491	chr7	96302706	96304936	-	0.008109
Tmem136	MmuINT0161492	chr9	42921744	42924559	-	0.097714
Tmem136	MmuINT0161493	chr9	42919942	42921543	-	0.119387
Tmem138	MmuINT0161494	chr19	10650002	10651573	-	0.058278
Tmem138	MmuINT0161496	chr19	10646095	10649326	-	0.162989
Tmem138	MmuINT0161497	chr19	10645759	10646018	-	0.174252
Tmem141	MmuINT0161500	chr2	25477195	25477453	-	0.621027
Tmem141	MmuINT0161501	chr2	25476979	25477127	-	0.030116
Tmem141	MmuINT0161502	chr2	25476694	25476894	-	0.055564
Tmem141	MmuINT0161503	chr2	25476051	25476585	-	0.003982
Tmem143	MmuINT0161504	chr7	53152472	53152804	+	0.097683
Tmem143	MmuINT0161505	chr7	53153037	53155001	+	0.003337
Tmem143	MmuINT0161506	chr7	53155107	53162287	+	0.001189
Tmem143	MmuINT0161507	chr7	53162483	53163476	+	0.004126
Tmem143	MmuINT0161508	chr7	53163608	53164691	+	0.014617
Tmem143	MmuINT0161509	chr7	53164972	53171452	+	0.005972
Tmem143	MmuINT0161510	chr7	53171643	53171780	+	0.002258
Tmem144	MmuINT0161512	chr3	79620993	79625179	-	0.015272
Tmem144	MmuINT0161513	chr3	79618069	79620938	-	0.035124
Tmem144	MmuINT0161514	chr3	79640279	79643059	-	0.042763
Tmem144	MmuINT0161515	chr3	79637930	79640155	-	0.044761
Tmem144	MmuINT0161516	chr3	79636065	79637829	-	0.068373
Tmem144	MmuINT0161517	chr3	79631619	79635983	-	0.077588
Tmem144	MmuINT0161518	chr3	79630822	79631536	-	0.328324
Tmem144	MmuINT0161519	chr3	79629320	79630744	-	0.722892
Tmem144	MmuINT0161520	chr3	79626673	79629200	-	0.009632
Tmem144	MmuINT0161521	chr3	79625278	79626552	-	0.105353
Tmem147	MmuINT0161557	chr7	31514291	31514362	-	0.028638
Tmem147	MmuINT0161558	chr7	31513736	31514220	-	0.029436
Tmem147	MmuINT0161559	chr7	31513588	31513675	-	0.026776
Tmem147	MmuINT0161560	chr7	31513309	31513450	-	0.014194
Tmem147	MmuINT0161561	chr7	31513128	31513223	-	0.018455
Tmem147	MmuINT0161562	chr7	31512923	31513005	-	0.017455
Tmem149	MmuINT0161563	chr7	31350486	31351182	+	0.976966
Tmem149	MmuINT0161564	chr7	31351401	31351767	+	0.399842
Tmem149	MmuINT0161565	chr7	31351956	31352161	+	0.701295
Tmem149	MmuINT0161566	chr7	31352520	31352599	+	0.293055
Tmem14a	MmuINT0161568	chr1	21215725	21216025	+	0.034333
Tmem14a	MmuINT0161569	chr1	21216128	21216672	+	0.024549
Tmem14c	MmuINT0161571	chr13	41111768	41112483	+	0.009601

Tmem14c	MmuINT0161572	chr13	41112543	41113074	+	0.012651
Tmem14c	MmuINT0161573	chr13	41113152	41113724	+	0.000703
Tmem14c	MmuINT0161575	chr13	41116576	41117474	+	0.011824
Tmem150a	MmuINT0161576	chr6	72305539	72306124	+	0.250998
Tmem150a	MmuINT0161577	chr6	72306307	72306715	+	0.02609
Tmem150a	MmuINT0161578	chr6	72306764	72307043	+	0.243783
Tmem150a	MmuINT0161579	chr6	72307131	72307942	+	0.014015
Tmem150a	MmuINT0161580	chr6	72308011	72308301	+	0.11531
Tmem150a	MmuINT0161581	chr6	72308430	72308572	+	0.062463
Tmem150a	MmuINT0161582	chr6	72308751	72308999	+	0.032364
Tmem159	MmuINT0161605	chr7	1.27E+08	1.27E+08	+	0.005177
Tmem159	MmuINT0161606	chr7	1.27E+08	1.27E+08	+	0.005183
Tmem159	MmuINT0161607	chr7	1.27E+08	1.27E+08	+	0.00912
Tmem159	MmuINT0161608	chr7	1.27E+08	1.27E+08	+	0.030804
Tmem160	MmuINT0161609	chr7	17038520	17039469	+	0.010472
Tmem160	MmuINT0161610	chr7	17039563	17040509	+	0.004941
Tmem161a	MmuINT0161611	chr8	72696340	72698201	+	0.028041
Tmem161a	MmuINT0161612	chr8	72705223	72705328	+	0.003218
Tmem161a	MmuINT0161613	chr8	72705426	72705781	+	0.006857
Tmem161a	MmuINT0161614	chr8	72698306	72700743	+	0.009515
Tmem161a	MmuINT0161615	chr8	72700825	72701139	+	0.013144
Tmem161a	MmuINT0161616	chr8	72701238	72701350	+	0.042784
Tmem161a	MmuINT0161617	chr8	72701508	72702765	+	0.010354
Tmem161a	MmuINT0161618	chr8	72702918	72704437	+	0.031691
Tmem161a	MmuINT0161619	chr8	72704499	72704604	+	0.005958
Tmem161a	MmuINT0161620	chr8	72704749	72704834	+	0.057757
Tmem161a	MmuINT0161621	chr8	72704949	72705047	+	0.04149
Tmem161b	MmuINT0161622	chr13	84362040	84390834	+	0.023186
Tmem161b	MmuINT0161623	chr13	84432159	84432985	+	0.023078
Tmem161b	MmuINT0161624	chr13	84433083	84434207	+	0.022298
Tmem161b	MmuINT0161625	chr13	84390939	84397365	+	0.028753
Tmem161b	MmuINT0161626	chr13	84397450	84399747	+	0.029848
Tmem161b	MmuINT0161627	chr13	84399846	84411775	+	0.024229
Tmem161b	MmuINT0161628	chr13	84411933	84422315	+	0.056532
Tmem161b	MmuINT0161629	chr13	84422970	84423589	+	0.020781
Tmem161b	MmuINT0161630	chr13	84426404	84431983	+	0.04077
Tmem164	MmuINT0161642	chrX	1.39E+08	1.39E+08	+	0.047113
Tmem164	MmuINT0161643	chrX	1.39E+08	1.39E+08	+	0.040684
Tmem164	MmuINT0161644	chrX	1.39E+08	1.39E+08	+	0.03539
Tmem164	MmuINT0161645	chrX	1.39E+08	1.39E+08	+	0.008821
Tmem165	MmuINT0161646	chr5	76613378	76628369	+	0.022066
Tmem165	MmuINT0161647	chr5	76628596	76633131	+	0.017078
Tmem165	MmuINT0161648	chr5	76633308	76633661	+	0.012127
Tmem165	MmuINT0161649	chr5	76633842	76636826	+	0.102244
Tmem165	MmuINT0161650	chr5	76636933	76637534	+	0.051627
Tmem167	MmuINT0161653	chr13	90240548	90243979	+	0.003127
Tmem167b	MmuINT0161654	chr3	1.08E+08	1.08E+08	-	0.010852
Tmem167b	MmuINT0161655	chr3	1.08E+08	1.08E+08	-	0.013277
Tmem168	MmuINT0161656	chr6	13553488	13557829	-	0.021643
Tmem168	MmuINT0161657	chr6	13545087	13552237	-	0.01752



Tmem168	MmuINT0161658	chr6	13541545	13544943	-	0.029912
Tmem168	MmuINT0161659	chr6	13533335	13541269	-	0.012614
Tmem17	MmuINT0161663	chr11	22417295	22417410	+	0.048774
Tmem17	MmuINT0161664	chr11	22417525	22418383	+	0.108582
Tmem170	MmuINT0161665	chr8	1.14E+08	1.14E+08	-	0.042638
Tmem170	MmuINT0161666	chr8	1.14E+08	1.14E+08	-	0.214366
Tmem170b	MmuINT0161667	chr13	41701682	41723346	+	0.048264
Tmem170b	MmuINT0161668	chr13	41723518	41729824	+	0.050354
Tmem171	MmuINT0161669	chr13	99462673	99464760	-	0.042212
Tmem171	MmuINT0161670	chr13	99458439	99461958	-	0.018123
Tmem173	MmuINT0161673	chr18	35899232	35899578	-	0.054549
Tmem173	MmuINT0161674	chr18	35898875	35899004	-	0.149657
Tmem173	MmuINT0161675	chr18	35898444	35898693	-	0.25305
Tmem173	MmuINT0161676	chr18	35895772	35898334	-	0.122124
Tmem173	MmuINT0161677	chr18	35894944	35895532	-	0.034345
Tmem173	MmuINT0161678	chr18	35894353	35894756	-	0.037629
Tmem175	MmuINT0161680	chr5	1.09E+08	1.09E+08	+	0.178419
Tmem175	MmuINT0161681	chr5	1.09E+08	1.09E+08	+	0.074583
Tmem175	MmuINT0161682	chr5	1.09E+08	1.09E+08	+	0.078712
Tmem175	MmuINT0161683	chr5	1.09E+08	1.09E+08	+	0.096751
Tmem175	MmuINT0161684	chr5	1.09E+08	1.09E+08	+	0.121309
Tmem175	MmuINT0161685	chr5	1.09E+08	1.09E+08	+	0.072006
Tmem175	MmuINT0161686	chr5	1.09E+08	1.09E+08	+	0.044872
Tmem176a	MmuINT0161688	chr6	48792401	48792587	+	0.024974
Tmem176a	MmuINT0161689	chr6	48792699	48793783	+	0.030094
Tmem176a	MmuINT0161690	chr6	48793841	48793959	+	0.019542
Tmem176a	MmuINT0161691	chr6	48794179	48794666	+	0.013431
Tmem176a	MmuINT0161692	chr6	48794778	48795102	+	0.012857
Tmem176b	MmuINT0161695	chr6	48788365	48790359	-	0.064745
Tmem176b	MmuINT0161696	chr6	48786337	48788170	-	0.00842
Tmem176b	MmuINT0161697	chr6	48785962	48786225	-	0.004409
Tmem176b	MmuINT0161698	chr6	48785675	48785904	-	0.006492
Tmem176b	MmuINT0161699	chr6	48784626	48785443	-	0.003489
Tmem176b	MmuINT0161700	chr6	48784139	48784505	-	0.002956
Tmem177	MmuINT0161701	chr1	1.22E+08	1.22E+08	-	0.022919
Tmem179b	MmuINT0161708	chr19	8848183	8848824	-	0.134955
Tmem179b	MmuINT0161709	chr19	8847597	8847779	-	0.10322
Tmem179b	MmuINT0161710	chr19	8847325	8847517	-	0.099676
Tmem18	MmuINT0161712	chr12	31269428	31270334	+	0.214247
Tmem18	MmuINT0161713	chr12	31270456	31272064	+	0.181608
Tmem18	MmuINT0161714	chr12	31272120	31273338	+	0.052955
Tmem18	MmuINT0161715	chr12	31273433	31273516	+	0.047662
Tmem180	MmuINT0161719	chr19	46442652	46442755	+	0.057717
Tmem180	MmuINT0161721	chr19	46443824	46446425	+	0.103214
Tmem180	MmuINT0161722	chr19	46446598	46446671	+	0.198094
Tmem180	MmuINT0161723	chr19	46446866	46448935	+	0.119278
Tmem182	MmuINT0161757	chr1	40862733	40862943	+	0.002381
Tmem182	MmuINT0161758	chr1	40863044	40864466	+	0.001828
Tmem182	MmuINT0161759	chr1	40864566	40895142	+	0.001867
Tmem182	MmuINT0161760	chr1	40895281	40911640	+	0.001535

Tmem183a	MmuINT0161762	chr1	1.36E+08	1.36E+08	-	0.010104
Tmem183a	MmuINT0161763	chr1	1.36E+08	1.36E+08	-	0.157889
Tmem183a	MmuINT0161764	chr1	1.36E+08	1.36E+08	-	0.067087
Tmem183a	MmuINT0161765	chr1	1.36E+08	1.36E+08	-	0.03131
Tmem183a	MmuINT0161766	chr1	1.36E+08	1.36E+08	-	0.053632
Tmem184b	MmuINT0161774	chr15	79209144	79233614	-	0.020331
Tmem184b	MmuINT0161775	chr15	79207643	79208893	-	0.01355
Tmem184b	MmuINT0161776	chr15	79200419	79207476	-	0.062332
Tmem184b	MmuINT0161777	chr15	79200176	79200327	-	0.009145
Tmem184b	MmuINT0161778	chr15	79197109	79200099	-	0.076009
Tmem184b	MmuINT0161779	chr15	79196387	79197016	-	0.019036
Tmem184b	MmuINT0161780	chr15	79195910	79196216	-	0.007659
Tmem184b	MmuINT0161781	chr15	79193316	79195714	-	0.057384
Tmem184c	MmuINT0161782	chr8	80130317	80134001	-	0.019464
Tmem184c	MmuINT0161783	chr8	80130100	80130185	-	0.017384
Tmem184c	MmuINT0161784	chr8	80128727	80130062	-	0.115834
Tmem184c	MmuINT0161785	chr8	80126832	80128520	-	0.022997
Tmem184c	MmuINT0161786	chr8	80125408	80126756	-	0.033972
Tmem184c	MmuINT0161790	chr8	80121080	80121707	-	0.012404
Tmem186	MmuINT0161791	chr16	8636486	8637578	-	0.037527
Tmem188	MmuINT0161792	chr8	90642769	90643678	+	0.014275
Tmem188	MmuINT0161793	chr8	90643751	90648980	+	0.037451
Tmem188	MmuINT0161794	chr8	90649055	90653593	+	0.030981
Tmem188	MmuINT0161795	chr8	90653704	90654245	+	0.050904
Tmem188	MmuINT0161796	chr8	90654301	90657686	+	0.036634
Tmem189	MmuINT0161799	chr2	1.67E+08	1.67E+08	-	0.003839
Tmem189	MmuINT0161801	chr2	1.67E+08	1.67E+08	-	0.00855
Tmem19	MmuINT0161802	chr10	1.15E+08	1.15E+08	-	0.402636
Tmem19	MmuINT0161803	chr10	1.15E+08	1.15E+08	-	0.032692
Tmem19	MmuINT0161804	chr10	1.15E+08	1.15E+08	-	0.031042
Tmem19	MmuINT0161805	chr10	1.15E+08	1.15E+08	-	0.019051
Tmem19	MmuINT0161806	chr10	1.15E+08	1.15E+08	-	0.016045
Tmem19	MmuINT0161807	chr10	1.15E+08	1.15E+08	-	0.018108
Tmem191c	MmuINT0161812	chr16	17276562	17276726	+	0.044997
Tmem191c	MmuINT0161813	chr16	17276851	17276929	+	0.593506
Tmem191c	MmuINT0161814	chr16	17276981	17277054	+	0.4373
Tmem191c	MmuINT0161815	chr16	17277133	17277286	+	0.704139
Tmem191c	MmuINT0161816	chr16	17277344	17277434	+	0.066037
Tmem191c	MmuINT0161817	chr16	17277495	17277620	+	0.172597
Tmem192	MmuINT0161821	chr8	67471233	67480284	+	0.00967
Tmem192	MmuINT0161822	chr8	67480432	67483243	+	0.004716
Tmem192	MmuINT0161824	chr8	67489541	67492609	+	0.00762
Tmem199	MmuINT0161861	chr11	78323924	78325398	-	0.018124
Tmem199	MmuINT0161862	chr11	78323317	78323849	-	0.018729
Tmem199	MmuINT0161863	chr11	78322198	78323226	-	0.092556
Tmem199	MmuINT0161864	chr11	78321934	78322154	-	0.120086
Tmem199	MmuINT0161865	chr11	78321308	78321820	-	0.01953
Tmem2	MmuINT0161867	chr19	21887111	21889920	+	0.061466
Tmem2	MmuINT0161869	chr19	21892502	21898277	+	0.037792
Tmem2	MmuINT0161870	chr19	21898410	21899579	+	0.057746

Tmem2	MmuINT0161871	chr19	21899616	21900529	+	0.044872
Tmem2	MmuINT0161872	chr19	21900686	21904289	+	0.045779
Tmem2	MmuINT0161873	chr19	21904468	21906516	+	0.041157
Tmem2	MmuINT0161874	chr19	21906733	21909907	+	0.030819
Tmem2	MmuINT0161875	chr19	21910117	21916530	+	0.051476
Tmem2	MmuINT0161876	chr19	21916714	21919109	+	0.074814
Tmem2	MmuINT0161877	chr19	21867471	21871816	+	0.050469
Tmem2	MmuINT0161878	chr19	21919330	21922426	+	0.050861
Tmem2	MmuINT0161879	chr19	21922526	21926714	+	0.056707
Tmem2	MmuINT0161880	chr19	21926870	21930148	+	0.045545
Tmem2	MmuINT0161881	chr19	21930253	21930644	+	0.045232
Tmem2	MmuINT0161882	chr19	21871958	21872356	+	0.054682
Tmem2	MmuINT0161883	chr19	21872919	21876351	+	0.044198
Tmem2	MmuINT0161884	chr19	21876522	21881848	+	0.041467
Tmem2	MmuINT0161885	chr19	21882038	21883758	+	0.041018
Tmem2	MmuINT0161887	chr19	21886467	21886700	+	0.075956
Tmem2	MmuINT0161888	chr19	21886907	21887040	+	0.056493
Tmem201	MmuINT0161894	chr4	1.49E+08	1.49E+08	-	0.034159
Tmem201	MmuINT0161896	chr4	1.49E+08	1.49E+08	-	0.122788
Tmem201	MmuINT0161897	chr4	1.49E+08	1.49E+08	-	0.003241
Tmem201	MmuINT0161898	chr4	1.49E+08	1.49E+08	-	0.004558
Tmem201	MmuINT0161899	chr4	1.49E+08	1.49E+08	-	0.021876
Tmem204	MmuINT0161904	chr17	25207310	25217208	-	0.012383
Tmem204	MmuINT0161905	chr17	25195419	25207153	-	0.053956
Tmem205	MmuINT0161906	chr9	21730802	21731735	-	0.047734
Tmem205	MmuINT0161907	chr9	21730599	21730692	-	0.0035
Tmem205	MmuINT0161908	chr9	21725794	21730434	-	0.004428
Tmem206	MmuINT0161909	chr1	1.93E+08	1.93E+08	+	0.037967
Tmem206	MmuINT0161910	chr1	1.93E+08	1.93E+08	+	0.043812
Tmem206	MmuINT0161913	chr1	1.93E+08	1.93E+08	+	0.073952
Tmem206	MmuINT0161914	chr1	1.93E+08	1.93E+08	+	0.069734
Tmem206	MmuINT0161915	chr1	1.93E+08	1.93E+08	+	0.040609
Tmem208	MmuINT0161920	chr8	1.08E+08	1.08E+08	+	0.005877
Tmem208	MmuINT0161921	chr8	1.08E+08	1.08E+08	+	0.009572
Tmem208	MmuINT0161922	chr8	1.08E+08	1.08E+08	+	0.006629
Tmem208	MmuINT0161923	chr8	1.08E+08	1.08E+08	+	0.198676
Tmem208	MmuINT0161924	chr8	1.08E+08	1.08E+08	+	0.024267
Tmem209	MmuINT0161925	chr6	30458803	30459684	-	0.043616
Tmem209	MmuINT0161926	chr6	30441185	30442596	-	0.025883
Tmem209	MmuINT0161927	chr6	30439591	30441086	-	0.026171
Tmem209	MmuINT0161928	chr6	30439391	30439475	-	0.036309
Tmem209	MmuINT0161929	chr6	30437449	30439292	-	0.025874
Tmem209	MmuINT0161930	chr6	30432986	30437374	-	0.051627
Tmem209	MmuINT0161931	chr6	30458513	30458665	-	0.047591
Tmem209	MmuINT0161933	chr6	30455975	30456785	-	0.043005
Tmem209	MmuINT0161934	chr6	30452103	30455732	-	0.027546
Tmem209	MmuINT0161935	chr6	30447994	30451900	-	0.023277
Tmem209	MmuINT0161936	chr6	30447239	30447817	-	0.022726
Tmem209	MmuINT0161937	chr6	30444835	30447166	-	0.034934
Tmem209	MmuINT0161938	chr6	30442723	30444737	-	0.028197

Tmem214	MmuINT0161951	chr5	31172192	31172961	+	0.031141
Tmem214	MmuINT0161952	chr5	31176421	31176685	+	0.010503
Tmem214	MmuINT0161953	chr5	31176735	31176909	+	0.007801
Tmem214	MmuINT0161954	chr5	31177024	31177223	+	0.018749
Tmem214	MmuINT0161955	chr5	31177342	31178162	+	0.031152
Tmem214	MmuINT0161956	chr5	31178260	31178419	+	0.015689
Tmem214	MmuINT0161957	chr5	31178589	31178735	+	0.009327
Tmem214	MmuINT0161958	chr5	31178882	31179036	+	0.007925
Tmem214	MmuINT0161959	chr5	31173162	31173792	+	0.014967
Tmem214	MmuINT0161960	chr5	31173944	31174093	+	0.038794
Tmem214	MmuINT0161961	chr5	31174229	31174444	+	0.014829
Tmem214	MmuINT0161962	chr5	31174528	31174873	+	0.005916
Tmem214	MmuINT0161963	chr5	31174980	31175059	+	0.011894
Tmem214	MmuINT0161964	chr5	31175142	31175415	+	0.132468
Tmem214	MmuINT0161965	chr5	31175518	31175867	+	0.008307
Tmem214	MmuINT0161966	chr5	31176010	31176328	+	0.005351
Tmem216	MmuINT0161969	chr19	10629112	10629552	-	0.025875
Tmem216	MmuINT0161970	chr19	10626465	10629018	-	0.055261
Tmem216	MmuINT0161971	chr19	10625531	10626262	-	0.037846
Tmem218	MmuINT0161975	chr9	37015991	37025850	+	0.017205
Tmem218	MmuINT0161976	chr9	37025962	37026786	+	0.006638
Tmem218	MmuINT0161977	chr9	37026890	37030063	+	0.01249
Tmem219	MmuINT0161978	chr7	1.34E+08	1.34E+08	-	0.167555
Tmem219	MmuINT0161979	chr7	1.34E+08	1.34E+08	-	0.013559
Tmem219	MmuINT0161980	chr7	1.34E+08	1.34E+08	-	0.080341
Tmem219	MmuINT0161981	chr7	1.34E+08	1.34E+08	-	0.078366
Tmem22	MmuINT0161982	chr9	1E+08	1E+08	-	0.204666
Tmem222	MmuINT0161992	chr4	1.33E+08	1.33E+08	-	0.032997
Tmem222	MmuINT0161993	chr4	1.33E+08	1.33E+08	-	0.052994
Tmem222	MmuINT0161994	chr4	1.33E+08	1.33E+08	-	0.025191
Tmem222	MmuINT0161995	chr4	1.33E+08	1.33E+08	-	0.00773
Tmem222	MmuINT0161996	chr4	1.33E+08	1.33E+08	-	0.011984
Tmem223	MmuINT0161997	chr19	8845806	8846537	+	0.00901
Tmem25	MmuINT0162027	chr9	44606516	44606746	-	0.097642
Tmem25	MmuINT0162028	chr9	44604698	44606203	-	0.082676
Tmem25	MmuINT0162029	chr9	44604211	44604406	-	0.085679
Tmem25	MmuINT0162030	chr9	44603796	44604078	-	0.064574
Tmem25	MmuINT0162031	chr9	44603594	44603764	-	0.028101
Tmem25	MmuINT0162032	chr9	44603361	44603492	-	0.057978
Tmem25	MmuINT0162033	chr9	44603132	44603273	-	0.022568
Tmem30a	MmuINT0162051	chr9	79628456	79640780	-	0.009297
Tmem30a	MmuINT0162052	chr9	79625139	79628347	-	0.002595
Tmem30a	MmuINT0162053	chr9	79624048	79625030	-	0.003485
Tmem30a	MmuINT0162054	chr9	79623059	79623959	-	0.007133
Tmem30a	MmuINT0162055	chr9	79622110	79622908	-	0.008111
Tmem30a	MmuINT0162056	chr9	79619287	79621899	-	0.018531
Tmem33	MmuINT0162064	chr5	67652046	67652202	+	0.085545
Tmem33	MmuINT0162065	chr5	67652273	67654968	+	0.018516
Tmem33	MmuINT0162066	chr5	67655064	67655508	+	0.005359
Tmem33	MmuINT0162067	chr5	67655697	67658540	+	0.008943

Tmem33	MmuINT0162068	chr5	67658609	67659749	+	0.01519
Tmem33	MmuINT0162069	chr5	67659884	67675378	+	0.038119
Tmem33	MmuINT0162070	chr5	67677456	67678248	+	0.337639
Tmem37	MmuINT0162072	chr1	1.22E+08	1.22E+08	-	0.011892
Tmem38a	MmuINT0162073	chr8	75096127	75103461	+	0.007303
Tmem38a	MmuINT0162074	chr8	75103619	75103858	+	0.004474
Tmem38a	MmuINT0162075	chr8	75104044	75105083	+	0.011347
Tmem38a	MmuINT0162076	chr8	75105172	75108598	+	0.023016
Tmem38a	MmuINT0162077	chr8	75108717	75109760	+	0.026139
Tmem38b	MmuINT0162078	chr4	53839093	53853498	+	0.007865
Tmem38b	MmuINT0162079	chr4	53853656	53861737	+	0.0066
Tmem38b	MmuINT0162080	chr4	53861923	53863345	+	0.009169
Tmem38b	MmuINT0162081	chr4	53863434	53867183	+	0.01017
Tmem38b	MmuINT0162082	chr4	53867302	53872753	+	0.00591
Tmem39a	MmuINT0162083	chr16	38563244	38564227	+	0.022194
Tmem39a	MmuINT0162084	chr16	38564415	38573166	+	0.024068
Tmem39a	MmuINT0162085	chr16	38573390	38575855	+	0.029697
Tmem39a	MmuINT0162086	chr16	38575940	38582082	+	0.0395
Tmem39a	MmuINT0162087	chr16	38582238	38585288	+	0.016581
Tmem39a	MmuINT0162088	chr16	38585632	38586333	+	0.051445
Tmem39a	MmuINT0162089	chr16	38586522	38588295	+	0.224326
Tmem39a	MmuINT0162090	chr16	38588417	38591024	+	0.067835
Tmem39b	MmuINT0162092	chr4	1.29E+08	1.29E+08	-	0.031083
Tmem39b	MmuINT0162094	chr4	1.29E+08	1.29E+08	-	0.047965
Tmem39b	MmuINT0162095	chr4	1.29E+08	1.29E+08	-	0.137682
Tmem39b	MmuINT0162096	chr4	1.29E+08	1.29E+08	-	0.053215
Tmem39b	MmuINT0162097	chr4	1.29E+08	1.29E+08	-	0.049464
Tmem39b	MmuINT0162098	chr4	1.29E+08	1.29E+08	-	0.054455
Tmem41a	MmuINT0162112	chr16	21946228	21947440	-	0.029704
Tmem41a	MmuINT0162113	chr16	21938168	21946073	-	0.031974
Tmem41a	MmuINT0162114	chr16	21937193	21938005	-	0.010612
Tmem41a	MmuINT0162115	chr16	21935119	21937053	-	0.010277
Tmem42	MmuINT0162122	chr9	1.23E+08	1.23E+08	+	0.034157
Tmem43	MmuINT0162124	chr6	91423893	91427238	+	0.029419
Tmem43	MmuINT0162125	chr6	91432757	91435310	+	0.02772
Tmem43	MmuINT0162126	chr6	91435429	91436738	+	0.015381
Tmem43	MmuINT0162127	chr6	91427389	91428199	+	0.044838
Tmem43	MmuINT0162128	chr6	91428335	91428699	+	0.021108
Tmem43	MmuINT0162129	chr6	91428795	91429566	+	0.060522
Tmem43	MmuINT0162130	chr6	91429617	91429874	+	0.090176
Tmem43	MmuINT0162131	chr6	91429945	91430643	+	0.025029
Tmem43	MmuINT0162132	chr6	91430715	91431925	+	0.065169
Tmem43	MmuINT0162133	chr6	91432048	91432247	+	0.015213
Tmem43	MmuINT0162134	chr6	91432323	91432654	+	0.018656
Tmem44	MmuINT0162136	chr16	30545306	30547428	-	0.042757
Tmem44	MmuINT0162137	chr16	30543927	30545211	-	0.044815
Tmem44	MmuINT0162140	chr16	30539625	30540824	-	0.038171
Tmem44	MmuINT0162141	chr16	30537645	30539474	-	0.042605
Tmem44	MmuINT0162142	chr16	30529657	30537539	-	0.039322
Tmem45a	MmuINT0162145	chr16	56823708	56825778	-	0.069597

Tmem45a	MmuINT0162146	chr16	56822523	56823500	-	0.052491
Tmem45a	MmuINT0162147	chr16	56811785	56822337	-	0.048521
Tmem45a	MmuINT0162148	chr16	56806890	56811638	-	0.051225
Tmem47	MmuINT0162154	chrX	78316500	78329629	+	0.015991
Tmem47	MmuINT0162155	chrX	78329771	78339790	+	0.020722
Tmem48	MmuINT0162156	chr4	1.07E+08	1.07E+08	+	0.04969
Tmem48	MmuINT0162157	chr4	1.07E+08	1.07E+08	+	0.022532
Tmem48	MmuINT0162158	chr4	1.07E+08	1.07E+08	+	0.01506
Tmem48	MmuINT0162159	chr4	1.07E+08	1.07E+08	+	0.017396
Tmem48	MmuINT0162160	chr4	1.07E+08	1.07E+08	+	0.028506
Tmem48	MmuINT0162161	chr4	1.07E+08	1.07E+08	+	0.044414
Tmem48	MmuINT0162162	chr4	1.07E+08	1.07E+08	+	0.027238
Tmem48	MmuINT0162163	chr4	1.07E+08	1.07E+08	+	0.028117
Tmem48	MmuINT0162164	chr4	1.07E+08	1.07E+08	+	0.057187
Tmem48	MmuINT0162165	chr4	1.07E+08	1.07E+08	+	0.031158
Tmem48	MmuINT0162166	chr4	1.07E+08	1.07E+08	+	0.027042
Tmem48	MmuINT0162167	chr4	1.07E+08	1.07E+08	+	0.021061
Tmem48	MmuINT0162168	chr4	1.07E+08	1.07E+08	+	0.029928
Tmem48	MmuINT0162169	chr4	1.07E+08	1.07E+08	+	0.035379
Tmem48	MmuINT0162170	chr4	1.07E+08	1.07E+08	+	0.027632
Tmem48	MmuINT0162171	chr4	1.07E+08	1.07E+08	+	0.028108
Tmem48	MmuINT0162172	chr4	1.07E+08	1.07E+08	+	0.022029
Tmem49	MmuINT0162173	chr11	86479381	86497241	-	0.004149
Tmem49	MmuINT0162174	chr11	86400101	86415509	-	0.016883
Tmem49	MmuINT0162175	chr11	86398954	86399997	-	0.011697
Tmem49	MmuINT0162176	chr11	86478292	86479278	-	0.004283
Tmem49	MmuINT0162177	chr11	86477076	86478155	-	0.00317
Tmem49	MmuINT0162178	chr11	86474736	86476984	-	0.004448
Tmem49	MmuINT0162179	chr11	86457168	86474624	-	0.000917
Tmem49	MmuINT0162180	chr11	86448809	86456999	-	0.002752
Tmem49	MmuINT0162181	chr11	86424925	86448676	-	0.005267
Tmem49	MmuINT0162182	chr11	86420795	86424843	-	0.006273
Tmem49	MmuINT0162183	chr11	86415572	86420677	-	0.00688
Tmem5	MmuINT0162184	chr10	1.22E+08	1.22E+08	-	0.008798
Tmem5	MmuINT0162185	chr10	1.22E+08	1.22E+08	-	0.005383
Tmem5	MmuINT0162186	chr10	1.22E+08	1.22E+08	-	0.00449
Tmem5	MmuINT0162187	chr10	1.22E+08	1.22E+08	-	0.008378
Tmem5	MmuINT0162188	chr10	1.22E+08	1.22E+08	-	0.010115
Tmem50a	MmuINT0162189	chr4	1.34E+08	1.34E+08	-	0.012055
Tmem50a	MmuINT0162190	chr4	1.34E+08	1.34E+08	-	0.003603
Tmem50a	MmuINT0162191	chr4	1.34E+08	1.34E+08	-	0.003877
Tmem50a	MmuINT0162192	chr4	1.34E+08	1.34E+08	-	0.020971
Tmem50a	MmuINT0162193	chr4	1.34E+08	1.34E+08	-	0.007167
Tmem50a	MmuINT0162194	chr4	1.34E+08	1.34E+08	-	0.0083
Tmem50b	MmuINT0162195	chr16	91587327	91597826	-	0.003016
Tmem50b	MmuINT0162196	chr16	91583634	91587186	-	0.005853
Tmem50b	MmuINT0162197	chr16	91582008	91583520	-	0.006018
Tmem50b	MmuINT0162198	chr16	91580540	91581939	-	0.007929
Tmem50b	MmuINT0162199	chr16	91578277	91580446	-	0.007544
Tmem50b	MmuINT0162200	chr16	91576404	91578218	-	0.014492

Tmem51	MmuINT0162201	chr4	1.42E+08	1.42E+08	-	0.076012
Tmem51	MmuINT0162202	chr4	1.42E+08	1.42E+08	-	0.056732
Tmem53	MmuINT0162207	chr4	1.17E+08	1.17E+08	+	0.044043
Tmem53	MmuINT0162208	chr4	1.17E+08	1.17E+08	+	0.021512
Tmem55a	MmuINT0162214	chr4	14791585	14813680	+	0.005525
Tmem55a	MmuINT0162215	chr4	14813830	14819539	+	0.012176
Tmem55a	MmuINT0162216	chr4	14819647	14820647	+	0.012144
Tmem55a	MmuINT0162217	chr4	14820772	14829633	+	0.013803
Tmem55a	MmuINT0162218	chr4	14829687	14839578	+	0.015418
Tmem55a	MmuINT0162219	chr4	14839670	14840870	+	0.005527
Tmem55b	MmuINT0162220	chr14	51550000	51550287	-	0.095479
Tmem55b	MmuINT0162221	chr14	51549366	51549808	-	0.139178
Tmem55b	MmuINT0162222	chr14	51548983	51549258	-	0.095291
Tmem55b	MmuINT0162223	chr14	51548734	51548876	-	0.167022
Tmem55b	MmuINT0162224	chr14	51548587	51548680	-	0.089012
Tmem55b	MmuINT0162225	chr14	51547713	51548495	-	0.105678
Tmem57	MmuINT0162233	chr4	1.34E+08	1.34E+08	-	0.013876
Tmem57	MmuINT0162234	chr4	1.34E+08	1.34E+08	-	0.031374
Tmem57	MmuINT0162235	chr4	1.34E+08	1.34E+08	-	0.04154
Tmem57	MmuINT0162236	chr4	1.34E+08	1.34E+08	-	0.010499
Tmem57	MmuINT0162237	chr4	1.34E+08	1.34E+08	-	0.012723
Tmem57	MmuINT0162238	chr4	1.34E+08	1.34E+08	-	0.006481
Tmem57	MmuINT0162239	chr4	1.34E+08	1.34E+08	-	0.01657
Tmem57	MmuINT0162240	chr4	1.34E+08	1.34E+08	-	0.016321
Tmem57	MmuINT0162241	chr4	1.34E+08	1.34E+08	-	0.006509
Tmem57	MmuINT0162242	chr4	1.34E+08	1.34E+08	-	0.005533
Tmem59	MmuINT0162243	chr4	1.07E+08	1.07E+08	+	0.00216
Tmem59	MmuINT0162244	chr4	1.07E+08	1.07E+08	+	0.001352
Tmem59	MmuINT0162245	chr4	1.07E+08	1.07E+08	+	0.001354
Tmem59	MmuINT0162246	chr4	1.07E+08	1.07E+08	+	0.009261
Tmem59	MmuINT0162247	chr4	1.07E+08	1.07E+08	+	0.010469
Tmem59	MmuINT0162248	chr4	1.07E+08	1.07E+08	+	0.003924
Tmem59	MmuINT0162249	chr4	1.07E+08	1.07E+08	+	0.005404
Tmem60	MmuINT0162257	chr5	20388474	20392006	+	0.023081
Tmem62	MmuINT0162258	chr2	1.21E+08	1.21E+08	+	0.133871
Tmem62	MmuINT0162259	chr2	1.21E+08	1.21E+08	+	0.061454
Tmem62	MmuINT0162260	chr2	1.21E+08	1.21E+08	+	0.056579
Tmem62	MmuINT0162261	chr2	1.21E+08	1.21E+08	+	0.060609
Tmem62	MmuINT0162262	chr2	1.21E+08	1.21E+08	+	0.059236
Tmem62	MmuINT0162263	chr2	1.21E+08	1.21E+08	+	0.059031
Tmem62	MmuINT0162265	chr2	1.21E+08	1.21E+08	+	0.046634
Tmem62	MmuINT0162266	chr2	1.21E+08	1.21E+08	+	0.043679
Tmem62	MmuINT0162269	chr2	1.21E+08	1.21E+08	+	0.147113
Tmem62	MmuINT0162270	chr2	1.21E+08	1.21E+08	+	0.175229
Tmem63a	MmuINT0162271	chr1	1.83E+08	1.83E+08	+	0.035086
Tmem63a	MmuINT0162272	chr1	1.83E+08	1.83E+08	+	0.015342
Tmem63a	MmuINT0162273	chr1	1.83E+08	1.83E+08	+	0.014178
Tmem63a	MmuINT0162274	chr1	1.83E+08	1.83E+08	+	0.013178
Tmem63a	MmuINT0162275	chr1	1.83E+08	1.83E+08	+	0.01491
Tmem63a	MmuINT0162276	chr1	1.83E+08	1.83E+08	+	0.015354

Tmem63a	MmuINT0162277	chr1	1.83E+08	1.83E+08	+	0.024366
Tmem63a	MmuINT0162278	chr1	1.83E+08	1.83E+08	+	0.021107
Tmem63a	MmuINT0162279	chr1	1.83E+08	1.83E+08	+	0.020958
Tmem63a	MmuINT0162280	chr1	1.83E+08	1.83E+08	+	0.05761
Tmem63a	MmuINT0162281	chr1	1.83E+08	1.83E+08	+	0.012631
Tmem63a	MmuINT0162282	chr1	1.83E+08	1.83E+08	+	0.038277
Tmem63a	MmuINT0162283	chr1	1.83E+08	1.83E+08	+	0.025457
Tmem63a	MmuINT0162284	chr1	1.83E+08	1.83E+08	+	0.015831
Tmem63a	MmuINT0162285	chr1	1.83E+08	1.83E+08	+	0.010442
Tmem63a	MmuINT0162286	chr1	1.83E+08	1.83E+08	+	0.021947
Tmem63a	MmuINT0162287	chr1	1.83E+08	1.83E+08	+	0.03845
Tmem63a	MmuINT0162288	chr1	1.83E+08	1.83E+08	+	0.143202
Tmem63a	MmuINT0162289	chr1	1.83E+08	1.83E+08	+	0.020368
Tmem63a	MmuINT0162290	chr1	1.83E+08	1.83E+08	+	0.019911
Tmem63a	MmuINT0162291	chr1	1.83E+08	1.83E+08	+	0.016693
Tmem63a	MmuINT0162292	chr1	1.83E+08	1.83E+08	+	0.099117
Tmem63b	MmuINT0162293	chr17	45816664	45823065	-	0.014219
Tmem63b	MmuINT0162294	chr17	45806973	45810108	-	0.017615
Tmem63b	MmuINT0162295	chr17	45804768	45806891	-	0.014165
Tmem63b	MmuINT0162296	chr17	45803661	45804643	-	0.002957
Tmem63b	MmuINT0162297	chr17	45803404	45803526	-	0.001662
Tmem63b	MmuINT0162298	chr17	45803130	45803265	-	0.002808
Tmem63b	MmuINT0162299	chr17	45802221	45802975	-	0.003265
Tmem63b	MmuINT0162300	chr17	45801955	45802113	-	0.004493
Tmem63b	MmuINT0162301	chr17	45801759	45801867	-	0.008211
Tmem63b	MmuINT0162302	chr17	45800619	45801692	-	0.049169
Tmem63b	MmuINT0162303	chr17	45799918	45800455	-	0.03464
Tmem63b	MmuINT0162304	chr17	45816266	45816480	-	0.003401
Tmem63b	MmuINT0162305	chr17	45798874	45799811	-	0.045545
Tmem63b	MmuINT0162306	chr17	45798519	45798705	-	0.002901
Tmem63b	MmuINT0162307	chr17	45798253	45798402	-	0.007485
Tmem63b	MmuINT0162308	chr17	45797930	45798171	-	0.006532
Tmem63b	MmuINT0162309	chr17	45815951	45816185	-	0.009041
Tmem63b	MmuINT0162310	chr17	45814966	45815911	-	0.011418
Tmem63b	MmuINT0162311	chr17	45812373	45814874	-	0.004651
Tmem63b	MmuINT0162312	chr17	45811211	45812334	-	0.005609
Tmem63b	MmuINT0162313	chr17	45810980	45811067	-	0.012159
Tmem63b	MmuINT0162314	chr17	45810791	45810927	-	0.003475
Tmem63b	MmuINT0162315	chr17	45810180	45810681	-	0.003463
Tmem64	MmuINT0162340	chr4	15193897	15208153	+	0.013073
Tmem64	MmuINT0162341	chr4	15208310	15210305	+	0.009303
Tmem65	MmuINT0162342	chr15	58628801	58654397	-	0.002263
Tmem65	MmuINT0162343	chr15	58625965	58628755	-	0.005728
Tmem65	MmuINT0162344	chr15	58621765	58625896	-	0.006467
Tmem65	MmuINT0162345	chr15	58620984	58621709	-	0.004785
Tmem65	MmuINT0162346	chr15	58618771	58620940	-	0.004205
Tmem65	MmuINT0162347	chr15	58616566	58618664	-	0.000944
Tmem66	MmuINT0162348	chr8	35217891	35224248	+	0.001492
Tmem66	MmuINT0162349	chr8	35224428	35228194	+	0.001463
Tmem66	MmuINT0162350	chr8	35228595	35230772	+	0.002181



Tmem66	MmuINT0162351	chr8	35230912	35231510	+	0.003542
Tmem66	MmuINT0162352	chr8	35231666	35233149	+	0.005635
Tmem67	MmuINT0162357	chr4	11989008	11990181	-	0.059463
Tmem67	MmuINT0162372	chr4	11967040	11967781	-	0.061057
Tmem68	MmuINT0162380	chr4	3497520	3501850	-	0.042665
Tmem68	MmuINT0162381	chr4	3496900	3497467	-	0.048375
Tmem68	MmuINT0162382	chr4	3491405	3496510	-	0.038642
Tmem68	MmuINT0162383	chr4	3487840	3491239	-	0.044385
Tmem68	MmuINT0162384	chr4	3481562	3487645	-	0.163678
Tmem68	MmuINT0162385	chr4	3479039	3481500	-	0.04545
Tmem68	MmuINT0162386	chr4	3477727	3478898	-	0.034964
Tmem69	MmuINT0162387	chr4	1.16E+08	1.16E+08	-	0.013836
Tmem69	MmuINT0162388	chr4	1.16E+08	1.16E+08	-	0.023173
Tmem70	MmuINT0162390	chr1	16657855	16667048	+	0.001393
Tmem71	MmuINT0162391	chr15	66390925	66392291	-	0.031552
Tmem71	MmuINT0162392	chr15	66389368	66390841	-	0.037656
Tmem71	MmuINT0162394	chr15	66383664	66386592	-	0.025721
Tmem71	MmuINT0162395	chr15	66373321	66383514	-	0.016183
Tmem71	MmuINT0162396	chr15	66370435	66373134	-	0.030735
Tmem71	MmuINT0162397	chr15	66364375	66370358	-	0.086239
Tmem71	MmuINT0162398	chr15	66364212	66364312	-	0.042734
Tmem71	MmuINT0162399	chr15	66359497	66364150	-	0.058432
Tmem8	MmuINT0162408	chr17	26250513	26253703	+	0.062406
Tmem8	MmuINT0162409	chr17	26257408	26257483	+	0.039346
Tmem8	MmuINT0162410	chr17	26257631	26258484	+	0.0575
Tmem8	MmuINT0162411	chr17	26258602	26258882	+	0.027719
Tmem8	MmuINT0162412	chr17	26253879	26253963	+	0.025747
Tmem8	MmuINT0162413	chr17	26254172	26254355	+	0.063558
Tmem8	MmuINT0162414	chr17	26254484	26254683	+	0.027775
Tmem8	MmuINT0162415	chr17	26254953	26255054	+	0.073421
Tmem8	MmuINT0162416	chr17	26255375	26255806	+	0.042017
Tmem8	MmuINT0162417	chr17	26255898	26255977	+	0.035846
Tmem8	MmuINT0162418	chr17	26256102	26256343	+	0.08538
Tmem8	MmuINT0162419	chr17	26256481	26257228	+	0.026383
Tmem80	MmuINT0162420	chr7	1.49E+08	1.49E+08	+	0.107481
Tmem80	MmuINT0162421	chr7	1.49E+08	1.49E+08	+	0.324865
Tmem80	MmuINT0162422	chr7	1.49E+08	1.49E+08	+	0.164653
Tmem81	MmuINT0162423	chr1	1.34E+08	1.34E+08	+	0.952308
Tmem82	MmuINT0162427	chr4	1.41E+08	1.41E+08	-	0.093541
Tmem85	MmuINT0162428	chr2	1.12E+08	1.12E+08	-	0.00327
Tmem85	MmuINT0162429	chr2	1.12E+08	1.12E+08	-	0.02067
Tmem85	MmuINT0162430	chr2	1.12E+08	1.12E+08	-	0.00825
Tmem85	MmuINT0162431	chr2	1.12E+08	1.12E+08	-	0.008571
Tmem86a	MmuINT0162432	chr7	54306172	54308219	+	0.020479
Tmem86a	MmuINT0162433	chr7	54308485	54308782	+	0.007823
Tmem86b	MmuINT0162434	chr7	4581405	4581823	-	0.925738
Tmem86b	MmuINT0162435	chr7	4580356	4581157	-	0.165963
Tmem87a	MmuINT0162436	chr2	1.2E+08	1.2E+08	-	0.049488
Tmem87a	MmuINT0162437	chr2	1.2E+08	1.2E+08	-	0.02791
Tmem87a	MmuINT0162438	chr2	1.2E+08	1.2E+08	-	0.09071

Tmem87a	MmuINT0162439	chr2	1.2E+08	1.2E+08	-	0.049772
Tmem87a	MmuINT0162440	chr2	1.2E+08	1.2E+08	-	0.053199
Tmem87a	MmuINT0162441	chr2	1.2E+08	1.2E+08	-	0.035948
Tmem87a	MmuINT0162442	chr2	1.2E+08	1.2E+08	-	0.021111
Tmem87a	MmuINT0162443	chr2	1.2E+08	1.2E+08	-	0.129546
Tmem87a	MmuINT0162444	chr2	1.2E+08	1.2E+08	-	0.03593
Tmem87a	MmuINT0162445	chr2	1.2E+08	1.2E+08	-	0.030752
Tmem87a	MmuINT0162446	chr2	1.2E+08	1.2E+08	-	0.040606
Tmem87a	MmuINT0162447	chr2	1.2E+08	1.2E+08	-	0.037975
Tmem87a	MmuINT0162448	chr2	1.2E+08	1.2E+08	-	0.024358
Tmem87a	MmuINT0162449	chr2	1.2E+08	1.2E+08	-	0.041829
Tmem87a	MmuINT0162450	chr2	1.2E+08	1.2E+08	-	0.035214
Tmem87a	MmuINT0162451	chr2	1.2E+08	1.2E+08	-	0.078932
Tmem87a	MmuINT0162452	chr2	1.2E+08	1.2E+08	-	0.02642
Tmem87a	MmuINT0162453	chr2	1.2E+08	1.2E+08	-	0.016174
Tmem87b	MmuINT0162457	chr2	1.29E+08	1.29E+08	+	0.023269
Tmem87b	MmuINT0162459	chr2	1.29E+08	1.29E+08	+	0.202753
Tmem87b	MmuINT0162460	chr2	1.29E+08	1.29E+08	+	0.026074
Tmem87b	MmuINT0162461	chr2	1.29E+08	1.29E+08	+	0.015882
Tmem87b	MmuINT0162462	chr2	1.29E+08	1.29E+08	+	0.03269
Tmem87b	MmuINT0162463	chr2	1.29E+08	1.29E+08	+	0.066344
Tmem87b	MmuINT0162464	chr2	1.29E+08	1.29E+08	+	0.07855
Tmem87b	MmuINT0162465	chr2	1.29E+08	1.29E+08	+	0.159015
Tmem87b	MmuINT0162466	chr2	1.29E+08	1.29E+08	+	0.03043
Tmem87b	MmuINT0162467	chr2	1.29E+08	1.29E+08	+	0.020489
Tmem87b	MmuINT0162468	chr2	1.29E+08	1.29E+08	+	0.019063
Tmem87b	MmuINT0162469	chr2	1.29E+08	1.29E+08	+	0.01592
Tmem87b	MmuINT0162470	chr2	1.29E+08	1.29E+08	+	0.026109
Tmem87b	MmuINT0162471	chr2	1.29E+08	1.29E+08	+	0.02629
Tmem87b	MmuINT0162472	chr2	1.29E+08	1.29E+08	+	0.028625
Tmem87b	MmuINT0162473	chr2	1.29E+08	1.29E+08	+	0.025385
Tmem87b	MmuINT0162474	chr2	1.29E+08	1.29E+08	+	0.030889
Tmem88	MmuINT0162475	chr11	69211384	69211517	-	0.024728
Tmem8b	MmuINT0162479	chr4	43699062	43702298	+	0.01537
Tmem8b	MmuINT0162480	chr4	43702446	43702562	+	0.018456
Tmem8b	MmuINT0162481	chr4	43702680	43702898	+	0.009453
Tmem8b	MmuINT0162482	chr4	43686962	43687308	+	0.00836
Tmem8b	MmuINT0162483	chr4	43687517	43693530	+	0.007997
Tmem8b	MmuINT0162484	chr4	43693665	43693917	+	0.016894
Tmem8b	MmuINT0162485	chr4	43694187	43694830	+	0.010381
Tmem8b	MmuINT0162486	chr4	43695157	43698168	+	0.021071
Tmem8b	MmuINT0162487	chr4	43698263	43698397	+	0.015675
Tmem8b	MmuINT0162488	chr4	43698522	43698599	+	0.015253
Tmem8b	MmuINT0162489	chr4	43698743	43698882	+	0.014712
Tmem9	MmuINT0162497	chr1	1.38E+08	1.38E+08	+	0.015375
Tmem9	MmuINT0162498	chr1	1.38E+08	1.38E+08	+	0.011498
Tmem9	MmuINT0162499	chr1	1.38E+08	1.38E+08	+	0.032993
Tmem9	MmuINT0162500	chr1	1.38E+08	1.38E+08	+	0.013782
Tmem98	MmuINT0162525	chr11	80623962	80626007	+	0.01144
Tmem98	MmuINT0162526	chr11	80626192	80627720	+	0.005991

Tmem98	MmuINT0162527	chr11	80627853	80629167	+	0.017524
Tmem98	MmuINT0162528	chr11	80629202	80631004	+	0.01734
Tmem98	MmuINT0162529	chr11	80631121	80633431	+	0.011411
Tmem98	MmuINT0162530	chr11	80633492	80634713	+	0.01152
Tmem9b	MmuINT0162531	chr7	1.17E+08	1.17E+08	-	0.008989
Tmem9b	MmuINT0162532	chr7	1.17E+08	1.17E+08	-	0.005841
Tmem9b	MmuINT0162533	chr7	1.17E+08	1.17E+08	-	0.005443
Tmem9b	MmuINT0162534	chr7	1.17E+08	1.17E+08	-	0.008219
Tmf1	MmuINT0162535	chr6	97126963	97128875	-	0.030749
Tmf1	MmuINT0162536	chr6	97111555	97113512	-	0.02197
Tmf1	MmuINT0162537	chr6	97110595	97111361	-	0.020156
Tmf1	MmuINT0162538	chr6	97110330	97110524	-	0.014796
Tmf1	MmuINT0162539	chr6	97108557	97110236	-	0.05427
Tmf1	MmuINT0162540	chr6	97108193	97108454	-	0.015568
Tmf1	MmuINT0162541	chr6	97106964	97108039	-	0.013151
Tmf1	MmuINT0162542	chr6	97105492	97106837	-	0.00769
Tmf1	MmuINT0162543	chr6	97123398	97125763	-	0.015742
Tmf1	MmuINT0162544	chr6	97122334	97123293	-	0.01237
Tmf1	MmuINT0162545	chr6	97120426	97122206	-	0.012124
Tmf1	MmuINT0162546	chr6	97118885	97120319	-	0.012924
Tmf1	MmuINT0162547	chr6	97118249	97118741	-	0.011923
Tmf1	MmuINT0162548	chr6	97117400	97118081	-	0.010024
Tmf1	MmuINT0162549	chr6	97114136	97117242	-	0.022199
Tmf1	MmuINT0162550	chr6	97113670	97114042	-	0.01014
Tmie	MmuINT0162554	chr9	1.11E+08	1.11E+08	-	0.131472
Tmod1	MmuINT0162561	chr4	46052182	46073837	+	0.000616
Tmod1	MmuINT0162562	chr4	46074007	46091185	+	0.000384
Tmod1	MmuINT0162563	chr4	46091343	46096415	+	0.000422
Tmod1	MmuINT0162564	chr4	46096536	46103717	+	0.001663
Tmod1	MmuINT0162565	chr4	46103808	46105010	+	0.010546
Tmod1	MmuINT0162566	chr4	46105142	46106780	+	0.013642
Tmod1	MmuINT0162567	chr4	46106889	46109806	+	0.00206
Tmod1	MmuINT0162568	chr4	46109951	46119741	+	0.001927
Tmod1	MmuINT0162569	chr4	46119887	46127185	+	0.00153
Tmod3	MmuINT0162580	chr9	75380400	75407306	-	0.010521
Tmod3	MmuINT0162581	chr9	75377333	75380232	-	0.01164
Tmod3	MmuINT0162582	chr9	75364403	75377175	-	0.010462
Tmod3	MmuINT0162583	chr9	75363064	75364279	-	0.006794
Tmod3	MmuINT0162584	chr9	75359064	75362973	-	0.00887
Tmod3	MmuINT0162585	chr9	75357229	75358932	-	0.014549
Tmod3	MmuINT0162586	chr9	75355332	75357120	-	0.011778
Tmod3	MmuINT0162587	chr9	75352792	75355187	-	0.005918
Tmod3	MmuINT0162588	chr9	75347958	75352646	-	0.039861
Tmod4	MmuINT0162589	chr3	94928501	94929436	+	0.095254
Tmod4	MmuINT0162590	chr3	94929600	94929741	+	0.011033
Tmod4	MmuINT0162591	chr3	94929899	94930332	+	0.019971
Tmod4	MmuINT0162593	chr3	94931352	94931510	+	0.028533
Tmod4	MmuINT0162594	chr3	94931642	94931725	+	0.020072
Tmod4	MmuINT0162595	chr3	94931834	94932190	+	0.032816
Tmod4	MmuINT0162596	chr3	94932335	94932521	+	0.013386

Tmod4	MmuINT0162597	chr3	94932667	94933009	+	0.03481
Tmpo	MmuINT0162598	chr10	90615926	90616022	-	0.479547
Tmpo	MmuINT0162599	chr10	90615484	90615829	-	0.14542
Tmpo	MmuINT0162600	chr10	90614543	90615372	-	0.051579
Tmpo	MmuINT0162601	chr10	90612504	90614453	-	0.023635
Tmpo	MmuINT0162602	chr10	90628815	90633782	-	0.015363
Tmpo	MmuINT0162603	chr10	90626947	90628687	-	0.008548
Tmsb4x	MmuINT0162809	chrX	1.64E+08	1.64E+08	-	0.007757
Tmsb4x	MmuINT0162810	chrX	1.64E+08	1.64E+08	-	0.002974
Tmtc1	MmuINT0162811	chr6	1.48E+08	1.48E+08	-	0.009798
Tmtc1	MmuINT0162812	chr6	1.48E+08	1.48E+08	-	0.007152
Tmtc1	MmuINT0162813	chr6	1.48E+08	1.48E+08	-	0.008683
Tmtc1	MmuINT0162814	chr6	1.48E+08	1.48E+08	-	0.005196
Tmtc1	MmuINT0162815	chr6	1.48E+08	1.48E+08	-	0.00583
Tmtc1	MmuINT0162816	chr6	1.48E+08	1.48E+08	-	0.004866
Tmtc1	MmuINT0162817	chr6	1.48E+08	1.48E+08	-	0.00548
Tmtc1	MmuINT0162818	chr6	1.48E+08	1.48E+08	-	0.006396
Tmtc1	MmuINT0162819	chr6	1.48E+08	1.48E+08	-	0.004696
Tmtc1	MmuINT0162820	chr6	1.48E+08	1.48E+08	-	0.00506
Tmtc1	MmuINT0162821	chr6	1.48E+08	1.48E+08	-	0.015824
Tmtc1	MmuINT0162822	chr6	1.48E+08	1.48E+08	-	0.007101
Tmtc1	MmuINT0162823	chr6	1.48E+08	1.48E+08	-	0.007168
Tmtc1	MmuINT0162824	chr6	1.48E+08	1.48E+08	-	0.004034
Tmtc1	MmuINT0162825	chr6	1.48E+08	1.48E+08	-	0.018183
Tmtc1	MmuINT0162826	chr6	1.48E+08	1.48E+08	-	0.006086
Tmtc1	MmuINT0162827	chr6	1.48E+08	1.48E+08	-	0.005811
Tmtc1	MmuINT0162828	chr6	1.48E+08	1.48E+08	-	0.005532
Tmtc1	MmuINT0162829	chr6	1.48E+08	1.48E+08	-	0.008035
Tmtc3	MmuINT0162846	chr10	99937109	99939190	-	0.03096
Tmtc3	MmuINT0162847	chr10	99934665	99937008	-	0.076596
Tmtc3	MmuINT0162848	chr10	99934136	99934548	-	0.020452
Tmtc3	MmuINT0162849	chr10	99928908	99933962	-	0.002224
Tmtc3	MmuINT0162851	chr10	99921670	99923593	-	0.014497
Tmtc3	MmuINT0162852	chr10	99919794	99921548	-	0.008213
Tmtc4	MmuINT0162854	chr14	1.23E+08	1.23E+08	-	0.041649
Tmtc4	MmuINT0162855	chr14	1.23E+08	1.23E+08	-	0.033542
Tmtc4	MmuINT0162856	chr14	1.23E+08	1.23E+08	-	0.044229
Tmtc4	MmuINT0162857	chr14	1.23E+08	1.23E+08	-	0.032441
Tmtc4	MmuINT0162858	chr14	1.23E+08	1.23E+08	-	0.03399
Tmtc4	MmuINT0162859	chr14	1.23E+08	1.23E+08	-	0.045565
Tmtc4	MmuINT0162860	chr14	1.23E+08	1.23E+08	-	0.053623
Tmtc4	MmuINT0162861	chr14	1.23E+08	1.23E+08	-	0.039096
Tmtc4	MmuINT0162864	chr14	1.23E+08	1.23E+08	-	0.053114
Tmtc4	MmuINT0162866	chr14	1.23E+08	1.23E+08	-	0.040914
Tmtc4	MmuINT0162867	chr14	1.23E+08	1.23E+08	-	0.044779
Tmtc4	MmuINT0162868	chr14	1.23E+08	1.23E+08	-	0.047222
Tmtc4	MmuINT0162869	chr14	1.23E+08	1.23E+08	-	0.039032
Tmub1	MmuINT0162870	chr5	23952771	23953574	-	0.121558
Tmub1	MmuINT0162871	chr5	23952092	23952351	-	0.022512
Tmub2	MmuINT0162872	chr11	1.02E+08	1.02E+08	+	0.218123

Tmub2	MmuINT0162873	chr11	1.02E+08	1.02E+08	+	0.114281
Tmub2	MmuINT0162874	chr11	1.02E+08	1.02E+08	+	0.054401
Tmx1	MmuINT0162875	chr12	71554308	71556998	+	0.021197
Tmx1	MmuINT0162876	chr12	71557115	71557567	+	0.006063
Tmx1	MmuINT0162877	chr12	71557614	71559765	+	0.031871
Tmx1	MmuINT0162878	chr12	71559895	71561331	+	0.06784
Tmx1	MmuINT0162879	chr12	71561378	71561465	+	0.02621
Tmx1	MmuINT0162880	chr12	71561568	71565386	+	0.004277
Tmx1	MmuINT0162881	chr12	71565454	71566964	+	0.009771
Tmx3	MmuINT0162889	chr18	90679770	90680670	+	0.028273
Tmx3	MmuINT0162890	chr18	90699551	90702374	+	0.01671
Tmx3	MmuINT0162891	chr18	90702433	90702612	+	0.01887
Tmx3	MmuINT0162892	chr18	90702667	90703773	+	0.023751
Tmx3	MmuINT0162893	chr18	90703831	90706466	+	0.064138
Tmx3	MmuINT0162894	chr18	90706597	90707890	+	0.071333
Tmx3	MmuINT0162895	chr18	90707960	90709330	+	0.08414
Tmx3	MmuINT0162896	chr18	90680726	90683596	+	0.034533
Tmx3	MmuINT0162897	chr18	90683637	90686785	+	0.019025
Tmx3	MmuINT0162898	chr18	90686910	90688496	+	0.014022
Tmx3	MmuINT0162899	chr18	90688543	90690348	+	0.017751
Tmx3	MmuINT0162900	chr18	90690430	90692921	+	0.021842
Tmx3	MmuINT0162901	chr18	90693022	90693672	+	0.028349
Tmx3	MmuINT0162902	chr18	90693751	90697267	+	0.014918
Tmx3	MmuINT0162903	chr18	90697335	90699451	+	0.015633
Tmx4	MmuINT0162904	chr2	1.34E+08	1.34E+08	-	0.007537
Tmx4	MmuINT0162905	chr2	1.34E+08	1.34E+08	-	0.013326
Tmx4	MmuINT0162906	chr2	1.34E+08	1.34E+08	-	0.011431
Tmx4	MmuINT0162907	chr2	1.34E+08	1.34E+08	-	0.012208
Tmx4	MmuINT0162908	chr2	1.34E+08	1.34E+08	-	0.013445
Tmx4	MmuINT0162909	chr2	1.34E+08	1.34E+08	-	0.009265
Tmx4	MmuINT0162910	chr2	1.34E+08	1.34E+08	-	0.007345
Tnfaip1	MmuINT0162938	chr11	78342742	78343529	-	0.047571
Tnfaip1	MmuINT0162939	chr11	78341982	78342571	-	0.010381
Tnfaip1	MmuINT0162940	chr11	78341806	78341891	-	0.007397
Tnfaip1	MmuINT0162941	chr11	78341224	78341752	-	0.008512
Tnfaip1	MmuINT0162942	chr11	78339044	78341027	-	0.038576
Tnfaip2	MmuINT0162944	chr12	1.13E+08	1.13E+08	+	0.009728
Tnfaip2	MmuINT0162945	chr12	1.13E+08	1.13E+08	+	0.009485
Tnfaip2	MmuINT0162946	chr12	1.13E+08	1.13E+08	+	0.015669
Tnfaip2	MmuINT0162947	chr12	1.13E+08	1.13E+08	+	0.003906
Tnfaip2	MmuINT0162948	chr12	1.13E+08	1.13E+08	+	0.01134
Tnfaip2	MmuINT0162949	chr12	1.13E+08	1.13E+08	+	0.007444
Tnfaip2	MmuINT0162950	chr12	1.13E+08	1.13E+08	+	0.030216
Tnfaip2	MmuINT0162951	chr12	1.13E+08	1.13E+08	+	0.016095
Tnfaip2	MmuINT0162952	chr12	1.13E+08	1.13E+08	+	0.008267
Tnfaip2	MmuINT0162953	chr12	1.13E+08	1.13E+08	+	0.013215
Tnfaip2	MmuINT0162954	chr12	1.13E+08	1.13E+08	+	0.0134
Tnfaip3	MmuINT0162960	chr10	18722822	18723381	-	0.140841
Tnfaip8	MmuINT0162966	chr18	50250177	50250919	+	0.997597
Tnfrsf10b	MmuINT0162973	chr14	70173295	70174892	+	0.294774

Tnfrsf10b	MmuINT0162974	chr14	70175002	70175878	+	0.491799
Tnfrsf10b	MmuINT0162975	chr14	70176076	70177527	+	0.057007
Tnfrsf10b	MmuINT0162977	chr14	70180381	70182038	+	0.238981
Tnfrsf12a	MmuINT0162991	chr17	23813241	23814293	-	0.968448
Tnfrsf12a	MmuINT0162992	chr17	23813014	23813105	-	0.01493
Tnfrsf14	MmuINT0163005	chr4	1.54E+08	1.54E+08	-	0.222523
Tnfrsf14	MmuINT0163006	chr4	1.54E+08	1.54E+08	-	0.62148
Tnfrsf1a	MmuINT0163024	chr6	1.25E+08	1.25E+08	+	0.01415
Tnfrsf1a	MmuINT0163025	chr6	1.25E+08	1.25E+08	+	0.008492
Tnfrsf1a	MmuINT0163026	chr6	1.25E+08	1.25E+08	+	0.005815
Tnfrsf1a	MmuINT0163027	chr6	1.25E+08	1.25E+08	+	0.008438
Tnfrsf1a	MmuINT0163028	chr6	1.25E+08	1.25E+08	+	0.035369
Tnfrsf1a	MmuINT0163029	chr6	1.25E+08	1.25E+08	+	0.009272
Tnfrsf1a	MmuINT0163030	chr6	1.25E+08	1.25E+08	+	0.018989
Tnfrsf1a	MmuINT0163031	chr6	1.25E+08	1.25E+08	+	0.01638
Tnfrsf1a	MmuINT0163032	chr6	1.25E+08	1.25E+08	+	0.011486
Tnfrsf1b	MmuINT0163033	chr4	1.45E+08	1.45E+08	-	0.064333
Tnfrsf1b	MmuINT0163035	chr4	1.45E+08	1.45E+08	-	0.063154
Tnfrsf1b	MmuINT0163037	chr4	1.45E+08	1.45E+08	-	0.054861
Tnfrsf1b	MmuINT0163038	chr4	1.45E+08	1.45E+08	-	0.116414
Tnfrsf1b	MmuINT0163040	chr4	1.45E+08	1.45E+08	-	0.072991
Tnfrsf1b	MmuINT0163041	chr4	1.45E+08	1.45E+08	-	0.046412
Tnfrsf21	MmuINT0163043	chr17	43175196	43176643	+	0.065626
Tnfrsf21	MmuINT0163044	chr17	43177139	43201916	+	0.017751
Tnfrsf21	MmuINT0163045	chr17	43202183	43222284	+	0.019352
Tnfrsf21	MmuINT0163046	chr17	43222514	43224691	+	0.08626
Tnfrsf23	MmuINT0163053	chr7	1.51E+08	1.51E+08	-	0.06936
Tnfrsf23	MmuINT0163054	chr7	1.51E+08	1.51E+08	-	0.091984
Tnfrsf23	MmuINT0163055	chr7	1.51E+08	1.51E+08	-	0.067898
Tnfrsf23	MmuINT0163057	chr7	1.51E+08	1.51E+08	-	0.046211
Tnfrsf25	MmuINT0163062	chr4	1.51E+08	1.51E+08	+	0.216165
Tnfsf13	MmuINT0163106	chr11	69498241	69498530	-	0.073134
Tnfsf13	MmuINT0163107	chr11	69498035	69498161	-	0.081709
Tnfsf13	MmuINT0163108	chr11	69497495	69497719	-	0.102336
Tnfsf13	MmuINT0163109	chr11	69496847	69497355	-	0.049618
Tnik	MmuINT0163135	chr3	28463173	28469788	+	0.019054
Tnik	MmuINT0163136	chr3	28469856	28476290	+	0.016684
Tnik	MmuINT0163137	chr3	28476496	28492943	+	0.016597
Tnik	MmuINT0163139	chr3	28495183	28503097	+	0.017973
Tnik	MmuINT0163140	chr3	28503263	28506059	+	0.01371
Tnik	MmuINT0163141	chr3	28506300	28510784	+	0.013404
Tnik	MmuINT0163142	chr3	28510892	28519856	+	0.016299
Tnik	MmuINT0163143	chr3	28520021	28521932	+	0.022969
Tnik	MmuINT0163146	chr3	28529538	28537309	+	0.011042
Tnik	MmuINT0163147	chr3	28537440	28545518	+	0.016923
Tnik	MmuINT0163148	chr3	28545684	28548064	+	0.022879
Tnik	MmuINT0163149	chr3	28548177	28548948	+	0.087564
Tnik	MmuINT0163150	chr3	28549120	28550704	+	0.012589
Tnik	MmuINT0163151	chr3	28550849	28553088	+	0.014313
Tnik	MmuINT0163152	chr3	28553224	28560608	+	0.015433

Tnik	MmuINT0163153	chr3	28560710	28562840	+	0.019955
Tnik	MmuINT0163154	chr3	28562991	28564601	+	0.014022
Tnik	MmuINT0163155	chr3	28564762	28565010	+	0.076049
Tnik	MmuINT0163156	chr3	28392946	28404674	+	0.035672
Tnik	MmuINT0163157	chr3	28404801	28431809	+	0.017804
Tnik	MmuINT0163158	chr3	28431921	28438335	+	0.022137
Tnik	MmuINT0163159	chr3	28438427	28440889	+	0.034123
Tnik	MmuINT0163161	chr3	28453905	28455960	+	0.029461
Tnik	MmuINT0163162	chr3	28456040	28462996	+	0.024868
Tnip1	MmuINT0163165	chr11	54754385	54776334	-	0.016985
Tnip1	MmuINT0163166	chr11	54737732	54737877	-	0.011278
Tnip1	MmuINT0163167	chr11	54734392	54737599	-	0.009142
Tnip1	MmuINT0163168	chr11	54732240	54734262	-	0.005612
Tnip1	MmuINT0163169	chr11	54731428	54732107	-	0.008332
Tnip1	MmuINT0163170	chr11	54730824	54731301	-	0.006846
Tnip1	MmuINT0163171	chr11	54730490	54730757	-	0.010458
Tnip1	MmuINT0163172	chr11	54729090	54730297	-	0.011145
Tnip1	MmuINT0163173	chr11	54725074	54728998	-	0.075739
Tnip1	MmuINT0163174	chr11	54753238	54754212	-	0.016894
Tnip1	MmuINT0163175	chr11	54751568	54753099	-	0.010871
Tnip1	MmuINT0163176	chr11	54750044	54751448	-	0.032522
Tnip1	MmuINT0163177	chr11	54747683	54749962	-	0.006292
Tnip1	MmuINT0163178	chr11	54744362	54747490	-	0.0084
Tnip1	MmuINT0163179	chr11	54742721	54744266	-	0.008845
Tnip1	MmuINT0163180	chr11	54740296	54742596	-	0.007755
Tnip1	MmuINT0163181	chr11	54737944	54740205	-	0.007456
Tnip2	MmuINT0163182	chr5	34846477	34856267	-	0.01682
Tnip2	MmuINT0163183	chr5	34843647	34846185	-	0.227219
Tnip2	MmuINT0163184	chr5	34842386	34843556	-	0.192263
Tnip2	MmuINT0163185	chr5	34841949	34842136	-	0.382463
Tnip2	MmuINT0163186	chr5	34839600	34841828	-	0.017366
Tnk2	MmuINT0163207	chr16	32645195	32663824	+	0.021048
Tnk2	MmuINT0163208	chr16	32675803	32677979	+	0.050243
Tnk2	MmuINT0163209	chr16	32678072	32679544	+	0.211314
Tnk2	MmuINT0163210	chr16	32680894	32681237	+	0.292522
Tnk2	MmuINT0163211	chr16	32681366	32682770	+	0.02668
Tnk2	MmuINT0163212	chr16	32668529	32669472	+	0.022212
Tnk2	MmuINT0163213	chr16	32669626	32670038	+	0.01682
Tnk2	MmuINT0163214	chr16	32670317	32670877	+	0.020906
Tnk2	MmuINT0163215	chr16	32671005	32671380	+	0.02871
Tnk2	MmuINT0163216	chr16	32671528	32671624	+	0.019222
Tnk2	MmuINT0163217	chr16	32671720	32675607	+	0.04492
Tnks	MmuINT0163222	chr8	36003975	36028067	-	0.019464
Tnks	MmuINT0163223	chr8	35930414	35930747	-	0.013849
Tnks	MmuINT0163224	chr8	35924741	35930334	-	0.016221
Tnks	MmuINT0163225	chr8	35920588	35924568	-	0.012415
Tnks	MmuINT0163226	chr8	35919128	35920507	-	0.016713
Tnks	MmuINT0163227	chr8	35916444	35918981	-	0.011323
Tnks	MmuINT0163228	chr8	35914888	35916277	-	0.008585
Tnks	MmuINT0163229	chr8	35914262	35914667	-	0.009782

Tnks	MmuINT0163230	chr8	35912396	35914151	-	0.009162
Tnks	MmuINT0163231	chr8	35911874	35912206	-	0.011837
Tnks	MmuINT0163232	chr8	35910418	35911635	-	0.008621
Tnks	MmuINT0163233	chr8	35981529	36003749	-	0.011705
Tnks	MmuINT0163234	chr8	35906090	35910334	-	0.011324
Tnks	MmuINT0163235	chr8	35904905	35905968	-	0.012434
Tnks	MmuINT0163236	chr8	35903097	35904806	-	0.011818
Tnks	MmuINT0163237	chr8	35902048	35903021	-	0.013875
Tnks	MmuINT0163238	chr8	35901625	35901941	-	0.012232
Tnks	MmuINT0163239	chr8	35897649	35901437	-	0.012242
Tnks	MmuINT0163240	chr8	35894776	35897491	-	0.018097
Tnks	MmuINT0163241	chr8	35953595	35981432	-	0.026702
Tnks	MmuINT0163242	chr8	35952806	35953557	-	0.024163
Tnks	MmuINT0163243	chr8	35938363	35952729	-	0.018281
Tnks	MmuINT0163244	chr8	35936724	35938267	-	0.015704
Tnks	MmuINT0163245	chr8	35936269	35936656	-	0.016803
Tnks	MmuINT0163246	chr8	35932648	35936081	-	0.011897
Tnks	MmuINT0163247	chr8	35930840	35932525	-	0.011986
Tnks1bp1	MmuINT0163249	chr2	84912021	84912252	+	0.009644
Tnks1bp1	MmuINT0163250	chr2	84912326	84912753	+	0.022897
Tnks1bp1	MmuINT0163251	chr2	84891131	84892081	+	0.025198
Tnks1bp1	MmuINT0163252	chr2	84892713	84894439	+	0.047536
Tnks1bp1	MmuINT0163253	chr2	84894510	84898282	+	0.039111
Tnks1bp1	MmuINT0163254	chr2	84899645	84902044	+	0.038686
Tnks1bp1	MmuINT0163255	chr2	84904174	84910144	+	0.14513
Tnks1bp1	MmuINT0163256	chr2	84910515	84910763	+	0.045774
Tnks1bp1	MmuINT0163257	chr2	84910915	84911029	+	0.029421
Tnks1bp1	MmuINT0163258	chr2	84911167	84911862	+	0.033474
Tnks2	MmuINT0163259	chr19	36909227	36920023	+	0.012821
Tnks2	MmuINT0163260	chr19	36936668	36936776	+	0.009444
Tnks2	MmuINT0163261	chr19	36936856	36940441	+	0.012141
Tnks2	MmuINT0163262	chr19	36940614	36942129	+	0.009088
Tnks2	MmuINT0163263	chr19	36942210	36946102	+	0.006901
Tnks2	MmuINT0163264	chr19	36946249	36946912	+	0.00816
Tnks2	MmuINT0163265	chr19	36947079	36948286	+	0.009636
Tnks2	MmuINT0163266	chr19	36948507	36949753	+	0.004544
Tnks2	MmuINT0163267	chr19	36949864	36950674	+	0.007638
Tnks2	MmuINT0163268	chr19	36950864	36953724	+	0.008676
Tnks2	MmuINT0163269	chr19	36953978	36954999	+	0.007197
Tnks2	MmuINT0163270	chr19	36920249	36923778	+	0.006675
Tnks2	MmuINT0163271	chr19	36955083	36956166	+	0.007087
Tnks2	MmuINT0163272	chr19	36956288	36958555	+	0.012251
Tnks2	MmuINT0163273	chr19	36958654	36959972	+	0.00666
Tnks2	MmuINT0163274	chr19	36960048	36961555	+	0.007757
Tnks2	MmuINT0163275	chr19	36961662	36963198	+	0.003932
Tnks2	MmuINT0163276	chr19	36963386	36964381	+	0.008176
Tnks2	MmuINT0163277	chr19	36964539	36965230	+	0.007711
Tnks2	MmuINT0163278	chr19	36923875	36925989	+	0.012978
Tnks2	MmuINT0163279	chr19	36926027	36926967	+	0.011467
Tnks2	MmuINT0163280	chr19	36927044	36927291	+	0.010458



Tnks2	MmuINT0163281	chr19	36927387	36929380	+	0.010756
Tnks2	MmuINT0163282	chr19	36929448	36932292	+	0.008272
Tnks2	MmuINT0163283	chr19	36932480	36933544	+	0.012026
Tnks2	MmuINT0163284	chr19	36933667	36936575	+	0.010405
Tnnc1	MmuINT0163312	chr14	32021565	32022988	+	0.003421
Tnnc1	MmuINT0163313	chr14	32023020	32023245	+	0.000767
Tnnc1	MmuINT0163314	chr14	32023393	32023749	+	0.00086
Tnnc1	MmuINT0163315	chr14	32023865	32024465	+	0.00346
Tnnc1	MmuINT0163316	chr14	32024603	32024691	+	0.000513
Tnni2	MmuINT0163331	chr7	1.5E+08	1.5E+08	+	0.044237
Tnni2	MmuINT0163332	chr7	1.5E+08	1.5E+08	+	0.049325
Tnni2	MmuINT0163333	chr7	1.5E+08	1.5E+08	+	0.051412
Tnni2	MmuINT0163334	chr7	1.5E+08	1.5E+08	+	0.040877
Tnni3	MmuINT0163335	chr7	4473685	4473906	-	0.001508
Tnni3	MmuINT0163336	chr7	4473505	4473671	-	0.005144
Tnni3	MmuINT0163337	chr7	4472989	4473417	-	0.01256
Tnni3	MmuINT0163338	chr7	4472697	4472946	-	0.00809
Tnni3	MmuINT0163339	chr7	4472130	4472564	-	0.006529
Tnni3	MmuINT0163340	chr7	4471177	4472039	-	0.005516
Tnni3	MmuINT0163341	chr7	4470054	4470999	-	0.000413
Tnni3k	MmuINT0163342	chr3	1.55E+08	1.55E+08	-	0.003249
Tnni3k	MmuINT0163343	chr3	1.55E+08	1.55E+08	-	0.009105
Tnni3k	MmuINT0163344	chr3	1.55E+08	1.55E+08	-	0.003386
Tnni3k	MmuINT0163345	chr3	1.55E+08	1.55E+08	-	0.007579
Tnni3k	MmuINT0163346	chr3	1.55E+08	1.55E+08	-	0.004339
Tnni3k	MmuINT0163347	chr3	1.55E+08	1.55E+08	-	0.004735
Tnni3k	MmuINT0163348	chr3	1.55E+08	1.55E+08	-	0.003975
Tnni3k	MmuINT0163349	chr3	1.55E+08	1.55E+08	-	0.010779
Tnni3k	MmuINT0163350	chr3	1.55E+08	1.55E+08	-	0.01234
Tnni3k	MmuINT0163351	chr3	1.55E+08	1.55E+08	-	0.006117
Tnni3k	MmuINT0163352	chr3	1.55E+08	1.55E+08	-	0.008169
Tnni3k	MmuINT0163353	chr3	1.55E+08	1.55E+08	-	0.003174
Tnni3k	MmuINT0163354	chr3	1.55E+08	1.55E+08	-	0.00316
Tnni3k	MmuINT0163355	chr3	1.54E+08	1.55E+08	-	0.00637
Tnni3k	MmuINT0163356	chr3	1.54E+08	1.54E+08	-	0.0039
Tnni3k	MmuINT0163357	chr3	1.54E+08	1.54E+08	-	0.004633
Tnni3k	MmuINT0163358	chr3	1.54E+08	1.54E+08	-	0.002852
Tnni3k	MmuINT0163359	chr3	1.55E+08	1.55E+08	-	0.004394
Tnni3k	MmuINT0163360	chr3	1.55E+08	1.55E+08	-	0.005433
Tnni3k	MmuINT0163361	chr3	1.55E+08	1.55E+08	-	0.077556
Tnni3k	MmuINT0163362	chr3	1.55E+08	1.55E+08	-	0.004047
Tnni3k	MmuINT0163363	chr3	1.55E+08	1.55E+08	-	0.005279
Tnni3k	MmuINT0163364	chr3	1.55E+08	1.55E+08	-	0.022104
Tnni3k	MmuINT0163365	chr3	1.55E+08	1.55E+08	-	0.004126
Tnnt1	MmuINT0163366	chr7	4465982	4467532	-	0.40429
Tnnt1	MmuINT0163367	chr7	4460186	4460612	-	0.007499
Tnnt1	MmuINT0163368	chr7	4459215	4460075	-	0.008609
Tnnt1	MmuINT0163369	chr7	4459026	4459123	-	0.019674
Tnnt1	MmuINT0163370	chr7	4456403	4458984	-	0.015798
Tnnt1	MmuINT0163371	chr7	4465829	4465938	-	0.033288

Tnnt1	MmuINT0163373	chr7	4465216	4465412	-	0.012124
Tnnt1	MmuINT0163375	chr7	4461983	4463866	-	0.014802
Tnnt1	MmuINT0163376	chr7	4461671	4461918	-	0.004128
Tnnt1	MmuINT0163377	chr7	4461238	4461553	-	0.013692
Tnnt2	MmuINT0163379	chr1	1.38E+08	1.38E+08	+	0.145322
Tnnt2	MmuINT0163380	chr1	1.38E+08	1.38E+08	+	0.001849
Tnnt2	MmuINT0163382	chr1	1.38E+08	1.38E+08	+	0.003048
Tnnt2	MmuINT0163383	chr1	1.38E+08	1.38E+08	+	0.000206
Tnnt2	MmuINT0163385	chr1	1.38E+08	1.38E+08	+	0.08256
Tnnt2	MmuINT0163386	chr1	1.38E+08	1.38E+08	+	0.001973
Tnnt2	MmuINT0163387	chr1	1.38E+08	1.38E+08	+	0.002244
Tnnt2	MmuINT0163388	chr1	1.38E+08	1.38E+08	+	0.002042
Tnnt2	MmuINT0163389	chr1	1.38E+08	1.38E+08	+	0.001601
Tnnt2	MmuINT0163390	chr1	1.38E+08	1.38E+08	+	0.000916
Tnnt3	MmuINT0163392	chr7	1.5E+08	1.5E+08	+	0.031016
Tnnt3	MmuINT0163393	chr7	1.5E+08	1.5E+08	+	0.079476
Tnnt3	MmuINT0163394	chr7	1.5E+08	1.5E+08	+	0.028789
Tnnt3	MmuINT0163395	chr7	1.5E+08	1.5E+08	+	0.039296
Tnnt3	MmuINT0163396	chr7	1.5E+08	1.5E+08	+	0.074374
Tnnt3	MmuINT0163397	chr7	1.5E+08	1.5E+08	+	0.052319
Tnnt3	MmuINT0163398	chr7	1.5E+08	1.5E+08	+	0.036669
Tnnt3	MmuINT0163407	chr7	1.5E+08	1.5E+08	+	0.046279
Tnnt3	MmuINT0163408	chr7	1.5E+08	1.5E+08	+	0.027878
Tnp01	MmuINT0163419	chr13	99660746	99696205	-	0.002058
Tnp01	MmuINT0163420	chr13	99633832	99634382	-	0.006248
Tnp01	MmuINT0163421	chr13	99630749	99633662	-	0.012707
Tnp01	MmuINT0163423	chr13	99628513	99629717	-	0.004834
Tnp01	MmuINT0163426	chr13	99625186	99625266	-	0.008576
Tnp02	MmuINT0163442	chr8	87560877	87562233	+	0.445336
Tnp02	MmuINT0163443	chr8	87571081	87571188	+	0.028305
Tnp02	MmuINT0163444	chr8	87571355	87571481	+	0.010045
Tnp02	MmuINT0163445	chr8	87571635	87573834	+	0.012119
Tnp02	MmuINT0163446	chr8	87574061	87574257	+	0.010644
Tnp02	MmuINT0163447	chr8	87574430	87575436	+	0.050931
Tnp02	MmuINT0163448	chr8	87575524	87575597	+	0.046184
Tnp02	MmuINT0163449	chr8	87575706	87575787	+	0.008789
Tnp02	MmuINT0163450	chr8	87575947	87577357	+	0.013419
Tnp02	MmuINT0163451	chr8	87577446	87577654	+	0.020209
Tnp02	MmuINT0163452	chr8	87577754	87578224	+	0.12639
Tnp02	MmuINT0163453	chr8	87578321	87578590	+	0.147073
Tnp02	MmuINT0163454	chr8	87578697	87578900	+	0.053037
Tnp02	MmuINT0163455	chr8	87579001	87579077	+	0.079191
Tnp02	MmuINT0163456	chr8	87579153	87579238	+	0.040373
Tnp02	MmuINT0163457	chr8	87579367	87579449	+	0.048985
Tnp02	MmuINT0163458	chr8	87564437	87564512	+	0.016962
Tnp02	MmuINT0163459	chr8	87564663	87568310	+	0.013092
Tnp02	MmuINT0163460	chr8	87568418	87568500	+	0.0222
Tnp02	MmuINT0163461	chr8	87568635	87568724	+	0.011904
Tnp02	MmuINT0163462	chr8	87568807	87568881	+	0.01318
Tnp02	MmuINT0163463	chr8	87569005	87569096	+	0.018954

Tnpo2	MmuINT0163464	chr8	87569216	87571019	+	0.018458
Tnpo3	MmuINT0163465	chr6	29539230	29559365	-	0.005825
Tnpo3	MmuINT0163466	chr6	29518994	29521035	-	0.008427
Tnpo3	MmuINT0163467	chr6	29515856	29518853	-	0.004543
Tnpo3	MmuINT0163468	chr6	29515263	29515663	-	0.00557
Tnpo3	MmuINT0163469	chr6	29512935	29515170	-	0.006128
Tnpo3	MmuINT0163470	chr6	29511421	29512857	-	0.006517
Tnpo3	MmuINT0163471	chr6	29510223	29511359	-	0.006904
Tnpo3	MmuINT0163472	chr6	29508869	29510081	-	0.0052
Tnpo3	MmuINT0163473	chr6	29507073	29508751	-	0.005532
Tnpo3	MmuINT0163474	chr6	29505310	29506977	-	0.003488
Tnpo3	MmuINT0163475	chr6	29504963	29505152	-	0.032536
Tnpo3	MmuINT0163476	chr6	29538097	29539028	-	0.006729
Tnpo3	MmuINT0163477	chr6	29501965	29504794	-	0.00746
Tnpo3	MmuINT0163478	chr6	29493361	29501851	-	0.010715
Tnpo3	MmuINT0163479	chr6	29491867	29493262	-	0.012859
Tnpo3	MmuINT0163480	chr6	29536195	29538022	-	0.005851
Tnpo3	MmuINT0163481	chr6	29532310	29536037	-	0.004059
Tnpo3	MmuINT0163482	chr6	29529697	29532165	-	0.00576
Tnpo3	MmuINT0163483	chr6	29528602	29529520	-	0.005853
Tnpo3	MmuINT0163484	chr6	29525153	29528462	-	0.004798
Tnpo3	MmuINT0163485	chr6	29522694	29525005	-	0.005636
Tnpo3	MmuINT0163486	chr6	29521128	29522585	-	0.005003
Tnrc18	MmuINT0163511	chr5	1.43E+08	1.43E+08	-	0.009021
Tnrc18	MmuINT0163512	chr5	1.43E+08	1.43E+08	-	0.013249
Tnrc18	MmuINT0163514	chr5	1.44E+08	1.44E+08	-	0.124012
Tnrc18	MmuINT0163515	chr5	1.44E+08	1.44E+08	-	0.013227
Tnrc18	MmuINT0163517	chr5	1.44E+08	1.44E+08	-	0.016442
Tnrc18	MmuINT0163518	chr5	1.44E+08	1.44E+08	-	0.025515
Tnrc18	MmuINT0163519	chr5	1.44E+08	1.44E+08	-	0.01549
Tnrc18	MmuINT0163520	chr5	1.44E+08	1.44E+08	-	0.029736
Tnrc18	MmuINT0163521	chr5	1.44E+08	1.44E+08	-	0.018624
Tnrc18	MmuINT0163522	chr5	1.44E+08	1.44E+08	-	0.014241
Tnrc18	MmuINT0163523	chr5	1.44E+08	1.44E+08	-	0.022227
Tnrc18	MmuINT0163524	chr5	1.44E+08	1.44E+08	-	0.016847
Tnrc18	MmuINT0163525	chr5	1.44E+08	1.44E+08	-	0.026871
Tnrc18	MmuINT0163526	chr5	1.44E+08	1.44E+08	-	0.013044
Tnrc6a	MmuINT0163527	chr7	1.3E+08	1.3E+08	+	0.025216
Tnrc6a	MmuINT0163528	chr7	1.3E+08	1.3E+08	+	0.022197
Tnrc6a	MmuINT0163529	chr7	1.3E+08	1.3E+08	+	0.016616
Tnrc6a	MmuINT0163530	chr7	1.3E+08	1.3E+08	+	0.080134
Tnrc6a	MmuINT0163531	chr7	1.3E+08	1.3E+08	+	0.019095
Tnrc6a	MmuINT0163532	chr7	1.3E+08	1.3E+08	+	0.011306
Tnrc6a	MmuINT0163533	chr7	1.3E+08	1.3E+08	+	0.011855
Tnrc6a	MmuINT0163534	chr7	1.3E+08	1.3E+08	+	0.014005
Tnrc6a	MmuINT0163535	chr7	1.3E+08	1.3E+08	+	0.014958
Tnrc6a	MmuINT0163536	chr7	1.3E+08	1.3E+08	+	0.014974
Tnrc6a	MmuINT0163537	chr7	1.3E+08	1.3E+08	+	0.023887
Tnrc6a	MmuINT0163538	chr7	1.3E+08	1.3E+08	+	0.056964
Tnrc6a	MmuINT0163539	chr7	1.3E+08	1.3E+08	+	0.047446

Tnrc6a	MmuINT0163540	chr7	1.3E+08	1.3E+08	+	0.065768
Tnrc6a	MmuINT0163541	chr7	1.3E+08	1.3E+08	+	0.033359
Tnrc6a	MmuINT0163542	chr7	1.3E+08	1.3E+08	+	0.038627
Tnrc6a	MmuINT0163543	chr7	1.3E+08	1.3E+08	+	0.034331
Tnrc6a	MmuINT0163546	chr7	1.3E+08	1.3E+08	+	0.043303
Tnrc6a	MmuINT0163547	chr7	1.3E+08	1.3E+08	+	0.008828
Tnrc6a	MmuINT0163548	chr7	1.3E+08	1.3E+08	+	0.241299
Tnrc6a	MmuINT0163549	chr7	1.3E+08	1.3E+08	+	0.167327
Tnrc6b	MmuINT0163551	chr15	80714813	80717388	+	0.036484
Tnrc6b	MmuINT0163552	chr15	80717464	80718259	+	0.041111
Tnrc6b	MmuINT0163553	chr15	80718306	80719448	+	0.028076
Tnrc6b	MmuINT0163554	chr15	80719586	80724758	+	0.033304
Tnrc6b	MmuINT0163555	chr15	80724885	80732313	+	0.035371
Tnrc6b	MmuINT0163556	chr15	80732446	80732717	+	0.027215
Tnrc6b	MmuINT0163557	chr15	80732817	80732949	+	0.036268
Tnrc6b	MmuINT0163558	chr15	80733143	80743734	+	0.029696
Tnrc6b	MmuINT0163559	chr15	80743873	80747113	+	0.024304
Tnrc6b	MmuINT0163560	chr15	80747291	80748380	+	0.039842
Tnrc6b	MmuINT0163561	chr15	80577904	80589969	+	0.047666
Tnrc6b	MmuINT0163562	chr15	80748528	80748940	+	0.028522
Tnrc6b	MmuINT0163563	chr15	80749037	80753887	+	0.029869
Tnrc6b	MmuINT0163564	chr15	80754113	80754515	+	0.034843
Tnrc6b	MmuINT0163565	chr15	80754587	80758029	+	0.027085
Tnrc6b	MmuINT0163566	chr15	80758170	80759518	+	0.02388
Tnrc6b	MmuINT0163567	chr15	80590061	80615168	+	0.045017
Tnrc6b	MmuINT0163569	chr15	80689199	80694814	+	0.044401
Tnrc6b	MmuINT0163570	chr15	80694837	80706746	+	0.042823
Tnrc6b	MmuINT0163571	chr15	80707092	80709296	+	0.043963
Tnrc6b	MmuINT0163573	chr15	80713533	80714636	+	0.031294
Tnrc6c	MmuINT0163578	chr11	1.18E+08	1.18E+08	+	0.010463
Tnrc6c	MmuINT0163579	chr11	1.18E+08	1.18E+08	+	0.012628
Tnrc6c	MmuINT0163580	chr11	1.18E+08	1.18E+08	+	0.018182
Tnrc6c	MmuINT0163581	chr11	1.18E+08	1.18E+08	+	0.077917
Tnrc6c	MmuINT0163582	chr11	1.18E+08	1.18E+08	+	0.036043
Tnrc6c	MmuINT0163583	chr11	1.18E+08	1.18E+08	+	0.034192
Tnrc6c	MmuINT0163584	chr11	1.18E+08	1.18E+08	+	0.017222
Tnrc6c	MmuINT0163585	chr11	1.18E+08	1.18E+08	+	0.012607
Tnrc6c	MmuINT0163586	chr11	1.18E+08	1.18E+08	+	0.012106
Tnrc6c	MmuINT0163587	chr11	1.18E+08	1.18E+08	+	0.014069
Tnrc6c	MmuINT0163588	chr11	1.18E+08	1.18E+08	+	0.009337
Tnrc6c	MmuINT0163589	chr11	1.18E+08	1.18E+08	+	0.010022
Tnrc6c	MmuINT0163590	chr11	1.18E+08	1.18E+08	+	0.014358
Tnrc6c	MmuINT0163591	chr11	1.18E+08	1.18E+08	+	0.058727
Tnrc6c	MmuINT0163592	chr11	1.18E+08	1.18E+08	+	0.009757
Tnrc6c	MmuINT0163593	chr11	1.18E+08	1.18E+08	+	0.014121
Tnrc6c	MmuINT0163594	chr11	1.18E+08	1.18E+08	+	0.068158
Tnrc6c	MmuINT0163595	chr11	1.18E+08	1.18E+08	+	0.034093
Tns1	MmuINT0163597	chr1	74038314	74038673	-	0.001479
Tns1	MmuINT0163598	chr1	74036969	74038248	-	0.002093
Tns1	MmuINT0163599	chr1	74032950	74036884	-	0.001532

Tns1	MmuINT0163600	chr1	74032510	74032836	-	0.001695
Tns1	MmuINT0163601	chr1	74032353	74032448	-	0.001752
Tns1	MmuINT0163602	chr1	74031723	74032276	-	0.001251
Tns1	MmuINT0163603	chr1	74028873	74031592	-	0.000853
Tns1	MmuINT0163604	chr1	74027605	74028806	-	0.001036
Tns1	MmuINT0163605	chr1	74000525	74027487	-	0.002688
Tns1	MmuINT0163606	chr1	73988681	73998994	-	0.027349
Tns1	MmuINT0163607	chr1	74115221	74125772	-	0.058768
Tns1	MmuINT0163608	chr1	73987628	73988483	-	0.002392
Tns1	MmuINT0163609	chr1	73983892	73987551	-	0.004375
Tns1	MmuINT0163610	chr1	73982930	73983798	-	0.517943
Tns1	MmuINT0163612	chr1	73974685	73982471	-	0.020135
Tns1	MmuINT0163613	chr1	73972344	73974485	-	0.000689
Tns1	MmuINT0163614	chr1	73968428	73971279	-	0.001855
Tns1	MmuINT0163615	chr1	73967664	73968340	-	0.000567
Tns1	MmuINT0163616	chr1	73967174	73967531	-	0.001567
Tns1	MmuINT0163617	chr1	73966306	73967080	-	0.002211
Tns1	MmuINT0163618	chr1	74062761	74115182	-	0.02349
Tns1	MmuINT0163621	chr1	73963509	73964206	-	0.000762
Tns1	MmuINT0163622	chr1	73963046	73963439	-	0.000991
Tns1	MmuINT0163623	chr1	73961249	73963012	-	0.003232
Tns1	MmuINT0163624	chr1	74050133	74062718	-	0.003045
Tns1	MmuINT0163625	chr1	74048912	74050090	-	0.003195
Tns1	MmuINT0163626	chr1	74043679	74048860	-	0.004381
Tns1	MmuINT0163627	chr1	74041956	74043622	-	0.032792
Tns1	MmuINT0163628	chr1	74039788	74041774	-	0.001233
Tns1	MmuINT0163629	chr1	74038797	74039736	-	0.004316
Tns3	MmuINT0163635	chr11	8419192	8419443	-	0.059466
Tns3	MmuINT0163636	chr11	8418307	8419125	-	0.060629
Tns3	MmuINT0163637	chr11	8393341	8418201	-	0.057059
Tns3	MmuINT0163638	chr11	8379669	8392095	-	0.033923
Tns3	MmuINT0163639	chr11	8378514	8379507	-	0.052704
Tns3	MmuINT0163640	chr11	8378309	8378395	-	0.050582
Tns3	MmuINT0163642	chr11	8353254	8378227	-	0.06082
Tns3	MmuINT0163643	chr11	8351499	8353081	-	0.025542
Tns3	MmuINT0163644	chr11	8350160	8350857	-	0.028046
Tns3	MmuINT0163645	chr11	8348825	8350072	-	0.022875
Tns3	MmuINT0163646	chr11	8345745	8348692	-	0.035644
Tns3	MmuINT0163647	chr11	8345027	8345648	-	0.036444
Tns3	MmuINT0163648	chr11	8344016	8344948	-	0.032511
Tns3	MmuINT0163649	chr11	8337276	8343937	-	0.044872
Tns3	MmuINT0163650	chr11	8335918	8337106	-	0.073985
Tns3	MmuINT0163651	chr11	8335746	8335848	-	0.058242
Tns3	MmuINT0163653	chr11	8334642	8335718	-	0.085841
Tnxb	MmuINT0163682	chr17	34836159	34840258	+	0.014754
Tnxb	MmuINT0163686	chr17	34846645	34847015	+	0.068834
Tnxb	MmuINT0163687	chr17	34847340	34847648	+	0.011
Tnxb	MmuINT0163689	chr17	34848703	34849854	+	0.016519
Tnxb	MmuINT0163690	chr17	34850143	34850456	+	0.030298
Tnxb	MmuINT0163697	chr17	34854212	34854385	+	0.011134

Tnxb	MmuINT0163698	chr17	34854506	34854610	+	0.014597
Tnxb	MmuINT0163704	chr17	34855925	34856005	+	0.00495
Tob1	MmuINT0163712	chr11	94073046	94074799	+	0.170719
Tob2	MmuINT0163713	chr15	81682303	81688365	-	0.039543
Toe1	MmuINT0163714	chr4	1.16E+08	1.16E+08	-	0.039922
Toe1	MmuINT0163715	chr4	1.16E+08	1.16E+08	-	0.101494
Toe1	MmuINT0163716	chr4	1.16E+08	1.16E+08	-	0.064458
Toe1	MmuINT0163717	chr4	1.16E+08	1.16E+08	-	0.055188
Toe1	MmuINT0163718	chr4	1.16E+08	1.16E+08	-	0.054447
Toe1	MmuINT0163719	chr4	1.16E+08	1.16E+08	-	0.128701
Toe1	MmuINT0163720	chr4	1.16E+08	1.16E+08	-	0.055986
Tollip	MmuINT0163721	chr7	1.49E+08	1.49E+08	-	0.00884
Tollip	MmuINT0163722	chr7	1.49E+08	1.49E+08	-	0.003217
Tollip	MmuINT0163723	chr7	1.49E+08	1.49E+08	-	0.004458
Tollip	MmuINT0163724	chr7	1.49E+08	1.49E+08	-	0.010623
Tollip	MmuINT0163725	chr7	1.49E+08	1.49E+08	-	0.006187
Tom1l1	MmuINT0163742	chr11	90546461	90548826	-	0.020307
Tom1l1	MmuINT0163743	chr11	90517765	90519027	-	0.019738
Tom1l1	MmuINT0163744	chr11	90513277	90517664	-	0.025224
Tom1l1	MmuINT0163745	chr11	90511203	90513224	-	0.02438
Tom1l1	MmuINT0163746	chr11	90510738	90511099	-	0.024916
Tom1l1	MmuINT0163747	chr11	90508214	90510661	-	0.081145
Tom1l1	MmuINT0163748	chr11	90507624	90508148	-	0.090697
Tom1l1	MmuINT0163750	chr11	90536134	90544548	-	0.013624
Tom1l1	MmuINT0163751	chr11	90535101	90535983	-	0.026161
Tom1l1	MmuINT0163752	chr11	90534252	90534977	-	0.013755
Tom1l1	MmuINT0163754	chr11	90523204	90532397	-	0.02024
Tom1l1	MmuINT0163755	chr11	90519523	90523069	-	0.010808
Tom1l1	MmuINT0163756	chr11	90519146	90519461	-	0.012722
Tom1l2	MmuINT0163757	chr11	60093786	60166258	-	0.015737
Tom1l2	MmuINT0163758	chr11	60056328	60058563	-	0.004477
Tom1l2	MmuINT0163759	chr11	60055396	60056209	-	0.003505
Tom1l2	MmuINT0163760	chr11	60044640	60046399	-	0.029663
Tom1l2	MmuINT0163761	chr11	60043744	60044602	-	0.011644
Tom1l2	MmuINT0163762	chr11	60088505	60093700	-	0.003805
Tom1l2	MmuINT0163763	chr11	60083970	60088425	-	0.002795
Tom1l2	MmuINT0163764	chr11	60076286	60083819	-	0.0029
Tom1l2	MmuINT0163765	chr11	60074716	60076150	-	0.003195
Tom1l2	MmuINT0163766	chr11	60072475	60074556	-	0.002442
Tom1l2	MmuINT0163767	chr11	60062567	60072357	-	0.003533
Tom1l2	MmuINT0163768	chr11	60059187	60062432	-	0.005092
Tom1l2	MmuINT0163769	chr11	60058688	60059137	-	0.004078
Tomm22	MmuINT0163778	chr15	79501439	79501602	+	0.004518
Tomm34	MmuINT0163782	chr2	1.64E+08	1.64E+08	-	0.019052
Tomm34	MmuINT0163783	chr2	1.64E+08	1.64E+08	-	0.006346
Tomm34	MmuINT0163784	chr2	1.64E+08	1.64E+08	-	0.039383
Tomm34	MmuINT0163785	chr2	1.64E+08	1.64E+08	-	0.04314
Tomm34	MmuINT0163786	chr2	1.64E+08	1.64E+08	-	0.023404
Tomm40	MmuINT0163787	chr7	20300609	20300706	-	0.041632
Tomm40	MmuINT0163788	chr7	20299710	20300329	-	0.004407

Tomm40	MmuINT0163789	chr7	20299111	20299641	-	0.010775
Tomm40	MmuINT0163790	chr7	20296369	20299017	-	0.004079
Tomm40	MmuINT0163791	chr7	20296188	20296266	-	0.002227
Tomm40	MmuINT0163792	chr7	20288741	20296081	-	0.031005
Tomm40	MmuINT0163793	chr7	20288492	20288617	-	0.010421
Tomm40	MmuINT0163794	chr7	20288300	20288414	-	0.002568
Tomm40	MmuINT0163795	chr7	20287207	20288196	-	0.007115
Tomm40l	MmuINT0163796	chr1	1.73E+08	1.73E+08	-	0.028883
Tomm40l	MmuINT0163797	chr1	1.73E+08	1.73E+08	-	0.011819
Tomm40l	MmuINT0163798	chr1	1.73E+08	1.73E+08	-	0.039182
Tomm40l	MmuINT0163799	chr1	1.73E+08	1.73E+08	-	0.015256
Tomm40l	MmuINT0163800	chr1	1.73E+08	1.73E+08	-	0.011854
Tomm40l	MmuINT0163801	chr1	1.73E+08	1.73E+08	-	0.003628
Tomm40l	MmuINT0163802	chr1	1.73E+08	1.73E+08	-	0.005172
Tomm40l	MmuINT0163803	chr1	1.73E+08	1.73E+08	-	0.007593
Tomm40l	MmuINT0163804	chr1	1.73E+08	1.73E+08	-	0.002531
Tomm6	MmuINT0163809	chr17	47824238	47824847	-	0.0056
Tomm7	MmuINT0163810	chr5	23347577	23349788	-	0.000121
Tomm7	MmuINT0163811	chr5	23345647	23347527	-	0.002702
Tomm70a	MmuINT0163812	chr16	57122308	57133189	+	0.004715
Tomm70a	MmuINT0163813	chr16	57147944	57149932	+	0.006118
Tomm70a	MmuINT0163814	chr16	57150056	57152695	+	0.006264
Tomm70a	MmuINT0163815	chr16	57133364	57134765	+	0.002269
Tomm70a	MmuINT0163816	chr16	57134893	57136810	+	0.002531
Tomm70a	MmuINT0163817	chr16	57136921	57138142	+	0.004377
Tomm70a	MmuINT0163818	chr16	57138292	57140691	+	0.004742
Tomm70a	MmuINT0163819	chr16	57140900	57142833	+	0.003248
Tomm70a	MmuINT0163820	chr16	57142969	57144803	+	0.002999
Tomm70a	MmuINT0163821	chr16	57144912	57146142	+	0.002397
Tomm70a	MmuINT0163822	chr16	57146260	57147845	+	0.003816
Tomt	MmuINT0163825	chr7	1.09E+08	1.09E+08	-	0.928238
Top1	MmuINT0163826	chr2	1.6E+08	1.6E+08	+	0.007988
Top1	MmuINT0163827	chr2	1.61E+08	1.61E+08	+	0.006085
Top1	MmuINT0163828	chr2	1.61E+08	1.61E+08	+	0.005521
Top1	MmuINT0163829	chr2	1.61E+08	1.61E+08	+	0.006278
Top1	MmuINT0163830	chr2	1.61E+08	1.61E+08	+	0.004208
Top1	MmuINT0163831	chr2	1.61E+08	1.61E+08	+	0.006658
Top1	MmuINT0163832	chr2	1.61E+08	1.61E+08	+	0.009281
Top1	MmuINT0163833	chr2	1.61E+08	1.61E+08	+	0.013239
Top1	MmuINT0163834	chr2	1.61E+08	1.61E+08	+	0.007652
Top1	MmuINT0163835	chr2	1.61E+08	1.61E+08	+	0.017252
Top1	MmuINT0163836	chr2	1.61E+08	1.61E+08	+	0.01305
Top1	MmuINT0163837	chr2	1.6E+08	1.6E+08	+	0.005957
Top1	MmuINT0163838	chr2	1.61E+08	1.61E+08	+	0.0089
Top1	MmuINT0163839	chr2	1.6E+08	1.61E+08	+	0.004798
Top1	MmuINT0163840	chr2	1.61E+08	1.61E+08	+	0.008263
Top1	MmuINT0163841	chr2	1.61E+08	1.61E+08	+	0.00934
Top1	MmuINT0163842	chr2	1.61E+08	1.61E+08	+	0.006964
Top1	MmuINT0163843	chr2	1.61E+08	1.61E+08	+	0.006445
Top1	MmuINT0163844	chr2	1.61E+08	1.61E+08	+	0.009573

Top1	MmuINT0163845	chr2	1.61E+08	1.61E+08	+	0.008982
Top1mt	MmuINT0163846	chr15	75506562	75509082	-	0.023946
Top1mt	MmuINT0163847	chr15	75494573	75496016	-	0.040728
Top1mt	MmuINT0163848	chr15	75493881	75494444	-	0.031883
Top1mt	MmuINT0163849	chr15	75488261	75493785	-	0.031998
Top1mt	MmuINT0163850	chr15	75487645	75488113	-	0.045654
Top1mt	MmuINT0163851	chr15	75504844	75506448	-	0.037993
Top1mt	MmuINT0163852	chr15	75500615	75504721	-	0.028715
Top1mt	MmuINT0163853	chr15	75499905	75500491	-	0.022988
Top1mt	MmuINT0163854	chr15	75499201	75499716	-	0.028456
Top1mt	MmuINT0163855	chr15	75498396	75499055	-	0.03608
Top1mt	MmuINT0163856	chr15	75498036	75498251	-	0.055194
Top1mt	MmuINT0163857	chr15	75496752	75497849	-	0.052527
Top1mt	MmuINT0163858	chr15	75496132	75496682	-	0.055352
Top2a	MmuINT0163862	chr11	98871914	98872219	-	0.041956
Top2a	MmuINT0163887	chr11	98854728	98855077	-	0.67462
Top2b	MmuINT0163894	chr14	17198241	17215575	+	0.024435
Top2b	MmuINT0163895	chr14	17228244	17230296	+	0.007831
Top2b	MmuINT0163896	chr14	17230436	17231120	+	0.006705
Top2b	MmuINT0163897	chr14	17231279	17231422	+	0.008443
Top2b	MmuINT0163898	chr14	17231549	17232530	+	0.010402
Top2b	MmuINT0163899	chr14	17232642	17232904	+	0.008955
Top2b	MmuINT0163900	chr14	17233011	17239243	+	0.009238
Top2b	MmuINT0163901	chr14	17239354	17239625	+	0.006202
Top2b	MmuINT0163902	chr14	17239719	17239804	+	0.009839
Top2b	MmuINT0163903	chr14	17239920	17241340	+	0.008378
Top2b	MmuINT0163904	chr14	17241463	17241682	+	0.006632
Top2b	MmuINT0163905	chr14	17215732	17216970	+	0.006121
Top2b	MmuINT0163906	chr14	17241832	17242307	+	0.005241
Top2b	MmuINT0163907	chr14	17242540	17244569	+	0.01415
Top2b	MmuINT0163908	chr14	17244705	17245432	+	0.004823
Top2b	MmuINT0163909	chr14	17245634	17246074	+	0.005776
Top2b	MmuINT0163910	chr14	17246271	17246415	+	0.01938
Top2b	MmuINT0163911	chr14	17246508	17249070	+	0.031487
Top2b	MmuINT0163912	chr14	17249227	17249465	+	0.046966
Top2b	MmuINT0163913	chr14	17249550	17250850	+	0.004414
Top2b	MmuINT0163914	chr14	17251046	17252854	+	0.004005
Top2b	MmuINT0163915	chr14	17253000	17253216	+	0.003456
Top2b	MmuINT0163916	chr14	17217062	17218604	+	0.009266
Top2b	MmuINT0163917	chr14	17253379	17255135	+	0.00686
Top2b	MmuINT0163918	chr14	17255338	17256212	+	0.013223
Top2b	MmuINT0163919	chr14	17256293	17257868	+	0.029177
Top2b	MmuINT0163920	chr14	17257980	17260987	+	0.007414
Top2b	MmuINT0163921	chr14	17261114	17261851	+	0.004547
Top2b	MmuINT0163922	chr14	17261947	17262812	+	0.014829
Top2b	MmuINT0163923	chr14	17218669	17219786	+	0.013132
Top2b	MmuINT0163924	chr14	17219933	17220903	+	0.008865
Top2b	MmuINT0163925	chr14	17221002	17222280	+	0.008064
Top2b	MmuINT0163926	chr14	17222494	17225672	+	0.006085
Top2b	MmuINT0163927	chr14	17225847	17227920	+	0.010356



Top2b	MmuINT0163928	chr14	17228023	17228105	+	0.013577
Top3a	MmuINT0163930	chr11	60564286	60565784	-	0.053701
Top3a	MmuINT0163931	chr11	60563092	60564077	-	0.093444
Top3a	MmuINT0163932	chr11	60562798	60562905	-	0.045194
Top3a	MmuINT0163933	chr11	60561728	60562667	-	0.097166
Top3a	MmuINT0163934	chr11	60561534	60561613	-	0.036889
Top3a	MmuINT0163935	chr11	60559463	60561367	-	0.052651
Top3a	MmuINT0163936	chr11	60557558	60559318	-	0.057148
Top3a	MmuINT0163937	chr11	60556627	60557434	-	0.04673
Top3a	MmuINT0163938	chr11	60554204	60555937	-	0.064145
Top3a	MmuINT0163940	chr11	60575310	60575969	-	0.053793
Top3a	MmuINT0163941	chr11	60572908	60575233	-	0.059273
Top3a	MmuINT0163942	chr11	60570251	60572798	-	0.061685
Top3a	MmuINT0163943	chr11	60569951	60570106	-	0.053555
Top3a	MmuINT0163944	chr11	60569547	60569779	-	0.055357
Top3a	MmuINT0163945	chr11	60567464	60569445	-	0.076753
Top3a	MmuINT0163946	chr11	60565868	60567388	-	0.08931
Top3b	MmuINT0163947	chr16	16871149	16877924	+	0.088264
Top3b	MmuINT0163948	chr16	16886853	16886972	+	0.013632
Top3b	MmuINT0163949	chr16	16887079	16887669	+	0.079484
Top3b	MmuINT0163950	chr16	16887817	16887924	+	0.078872
Top3b	MmuINT0163951	chr16	16888099	16889575	+	0.023792
Top3b	MmuINT0163952	chr16	16889705	16890204	+	0.100527
Top3b	MmuINT0163953	chr16	16890355	16890674	+	0.029498
Top3b	MmuINT0163954	chr16	16890776	16891447	+	0.028456
Top3b	MmuINT0163955	chr16	16891650	16892507	+	0.041096
Top3b	MmuINT0163956	chr16	16878110	16879049	+	0.009764
Top3b	MmuINT0163957	chr16	16879182	16879411	+	0.020844
Top3b	MmuINT0163958	chr16	16879519	16880696	+	0.026696
Top3b	MmuINT0163959	chr16	16880772	16882593	+	0.034999
Top3b	MmuINT0163960	chr16	16882791	16883499	+	0.096921
Top3b	MmuINT0163961	chr16	16883657	16884331	+	0.126818
Top3b	MmuINT0163962	chr16	16884446	16885927	+	0.089741
Top3b	MmuINT0163963	chr16	16886019	16886697	+	0.015956
Topbp1	MmuINT0163965	chr9	1.03E+08	1.03E+08	+	0.032726
Topbp1	MmuINT0163966	chr9	1.03E+08	1.03E+08	+	0.040221
Topbp1	MmuINT0163967	chr9	1.03E+08	1.03E+08	+	0.022442
Topbp1	MmuINT0163968	chr9	1.03E+08	1.03E+08	+	0.06051
Topbp1	MmuINT0163969	chr9	1.03E+08	1.03E+08	+	0.032919
Topbp1	MmuINT0163970	chr9	1.03E+08	1.03E+08	+	0.065628
Topbp1	MmuINT0163971	chr9	1.03E+08	1.03E+08	+	0.034588
Topbp1	MmuINT0163972	chr9	1.03E+08	1.03E+08	+	0.038407
Topbp1	MmuINT0163973	chr9	1.03E+08	1.03E+08	+	0.021441
Topbp1	MmuINT0163974	chr9	1.03E+08	1.03E+08	+	0.029874
Topbp1	MmuINT0163976	chr9	1.03E+08	1.03E+08	+	0.022502
Topbp1	MmuINT0163977	chr9	1.03E+08	1.03E+08	+	0.027478
Topbp1	MmuINT0163978	chr9	1.03E+08	1.03E+08	+	0.030329
Topbp1	MmuINT0163979	chr9	1.03E+08	1.03E+08	+	0.0599
Topbp1	MmuINT0163980	chr9	1.03E+08	1.03E+08	+	0.03364
Topbp1	MmuINT0163981	chr9	1.03E+08	1.03E+08	+	0.028667

Topbp1	MmuINT0163982	chr9	1.03E+08	1.03E+08	+	0.031618
Topbp1	MmuINT0163984	chr9	1.03E+08	1.03E+08	+	0.035973
Topbp1	MmuINT0163985	chr9	1.03E+08	1.03E+08	+	0.031215
Topbp1	MmuINT0163986	chr9	1.03E+08	1.03E+08	+	0.037133
Topbp1	MmuINT0163987	chr9	1.03E+08	1.03E+08	+	0.02338
Topbp1	MmuINT0163988	chr9	1.03E+08	1.03E+08	+	0.031289
Topbp1	MmuINT0163989	chr9	1.03E+08	1.03E+08	+	0.034558
Topbp1	MmuINT0163990	chr9	1.03E+08	1.03E+08	+	0.040193
Topors	MmuINT0163991	chr4	40215535	40216706	-	0.880575
Topors	MmuINT0163992	chr4	40210115	40215336	-	0.042096
Tor1a	MmuINT0163993	chr2	30822876	30823193	-	0.134031
Tor1a	MmuINT0163994	chr2	30819390	30822609	-	0.171421
Tor1a	MmuINT0163995	chr2	30819123	30819213	-	0.072136
Tor1a	MmuINT0163996	chr2	30816718	30818994	-	0.053978
Tor1aip1	MmuINT0163998	chr1	1.58E+08	1.58E+08	-	0.008662
Tor1aip1	MmuINT0163999	chr1	1.58E+08	1.58E+08	-	0.004014
Tor1aip1	MmuINT0164000	chr1	1.58E+08	1.58E+08	-	0.010248
Tor1aip1	MmuINT0164001	chr1	1.58E+08	1.58E+08	-	0.005631
Tor1aip1	MmuINT0164002	chr1	1.58E+08	1.58E+08	-	0.016228
Tor1aip1	MmuINT0164003	chr1	1.58E+08	1.58E+08	-	0.007193
Tor1aip1	MmuINT0164004	chr1	1.58E+08	1.58E+08	-	0.009961
Tor1aip1	MmuINT0164005	chr1	1.58E+08	1.58E+08	-	0.023044
Tor1aip2	MmuINT0164009	chr1	1.58E+08	1.58E+08	+	0.049584
Tor1aip2	MmuINT0164010	chr1	1.58E+08	1.58E+08	+	0.07163
Tor1aip2	MmuINT0164011	chr1	1.58E+08	1.58E+08	+	0.029018
Tor1b	MmuINT0164012	chr2	30808744	30809271	+	0.213828
Tor1b	MmuINT0164013	chr2	30809538	30811297	+	0.2399
Tor1b	MmuINT0164014	chr2	30811474	30811967	+	0.0379
Tor1b	MmuINT0164015	chr2	30812096	30812331	+	0.028945
Tor2a	MmuINT0164016	chr2	32612971	32614190	+	0.1533
Tor2a	MmuINT0164017	chr2	32614457	32615046	+	0.044831
Tor2a	MmuINT0164018	chr2	32615223	32616108	+	0.11098
Tor3a	MmuINT0164020	chr1	1.59E+08	1.59E+08	-	0.043542
Tor3a	MmuINT0164021	chr1	1.59E+08	1.59E+08	-	0.053106
Tor3a	MmuINT0164022	chr1	1.59E+08	1.59E+08	-	0.023397
Tor3a	MmuINT0164023	chr1	1.59E+08	1.59E+08	-	0.065355
Tor3a	MmuINT0164024	chr1	1.59E+08	1.59E+08	-	0.032572
Tox3	MmuINT0164043	chr8	92782044	92794127	-	0.042654
Tox3	MmuINT0164044	chr8	92778402	92781773	-	0.039403
Tox3	MmuINT0164045	chr8	92776632	92778173	-	0.068852
Tox4	MmuINT0164047	chr14	52898908	52899062	+	0.847257
Tox4	MmuINT0164048	chr14	52899332	52899495	+	0.008739
Tox4	MmuINT0164049	chr14	52899565	52905334	+	0.00096
Tox4	MmuINT0164054	chr14	52911894	52912194	+	0.015752
Tpcn1	MmuINT0164067	chr5	1.21E+08	1.21E+08	-	0.029294
Tpcn1	MmuINT0164069	chr5	1.21E+08	1.21E+08	-	0.012663
Tpcn1	MmuINT0164070	chr5	1.21E+08	1.21E+08	-	0.013237
Tpcn1	MmuINT0164071	chr5	1.21E+08	1.21E+08	-	0.018548
Tpcn1	MmuINT0164072	chr5	1.21E+08	1.21E+08	-	0.018362
Tpcn1	MmuINT0164073	chr5	1.21E+08	1.21E+08	-	0.019533

Tpcn1	MmuINT0164074	chr5	1.21E+08	1.21E+08	-	0.037188
Tpcn1	MmuINT0164075	chr5	1.21E+08	1.21E+08	-	0.018232
Tpcn1	MmuINT0164076	chr5	1.21E+08	1.21E+08	-	0.013837
Tpcn1	MmuINT0164077	chr5	1.21E+08	1.21E+08	-	0.021401
Tpcn1	MmuINT0164078	chr5	1.21E+08	1.21E+08	-	0.025281
Tpcn1	MmuINT0164079	chr5	1.21E+08	1.21E+08	-	0.011829
Tpcn1	MmuINT0164080	chr5	1.21E+08	1.21E+08	-	0.009717
Tpcn1	MmuINT0164081	chr5	1.21E+08	1.21E+08	-	0.014854
Tpcn1	MmuINT0164082	chr5	1.21E+08	1.21E+08	-	0.009507
Tpcn1	MmuINT0164083	chr5	1.21E+08	1.21E+08	-	0.009336
Tpcn1	MmuINT0164084	chr5	1.21E+08	1.21E+08	-	0.021693
Tpcn1	MmuINT0164085	chr5	1.21E+08	1.21E+08	-	0.021697
Tpcn1	MmuINT0164086	chr5	1.21E+08	1.21E+08	-	0.011807
Tpcn1	MmuINT0164087	chr5	1.21E+08	1.21E+08	-	0.008022
Tpcn1	MmuINT0164088	chr5	1.21E+08	1.21E+08	-	0.009436
Tpcn1	MmuINT0164089	chr5	1.21E+08	1.21E+08	-	0.019599
Tpcn1	MmuINT0164090	chr5	1.21E+08	1.21E+08	-	0.012608
Tpcn1	MmuINT0164091	chr5	1.21E+08	1.21E+08	-	0.013714
Tpcn1	MmuINT0164092	chr5	1.21E+08	1.21E+08	-	0.009627
Tpcn2	MmuINT0164097	chr7	1.52E+08	1.52E+08	-	0.058349
Tpcn2	MmuINT0164098	chr7	1.52E+08	1.52E+08	-	0.051929
Tpcn2	MmuINT0164099	chr7	1.52E+08	1.52E+08	-	0.353364
Tpcn2	MmuINT0164101	chr7	1.52E+08	1.52E+08	-	0.466871
Tpcn2	MmuINT0164102	chr7	1.52E+08	1.52E+08	-	0.073158
Tpcn2	MmuINT0164108	chr7	1.52E+08	1.52E+08	-	0.387479
Tpcn2	MmuINT0164109	chr7	1.52E+08	1.52E+08	-	0.212236
Tpd52	MmuINT0164119	chr3	8936481	8943550	-	0.23431
Tpd52	MmuINT0164125	chr3	8944713	8947480	-	0.022504
Tpd52l1	MmuINT0164128	chr10	31099137	31165517	-	0.013077
Tpd52l1	MmuINT0164129	chr10	31077827	31099020	-	0.011833
Tpd52l1	MmuINT0164130	chr10	31066519	31077677	-	0.014917
Tpd52l2	MmuINT0164134	chr2	1.81E+08	1.81E+08	+	0.003678
Tpd52l2	MmuINT0164135	chr2	1.81E+08	1.81E+08	+	0.002856
Tpd52l2	MmuINT0164136	chr2	1.81E+08	1.81E+08	+	0.009063
Tpd52l2	MmuINT0164137	chr2	1.81E+08	1.81E+08	+	0.008579
Tpd52l2	MmuINT0164138	chr2	1.81E+08	1.81E+08	+	0.540371
Tpd52l2	MmuINT0164139	chr2	1.81E+08	1.81E+08	+	0.112702
Tpd52l2	MmuINT0164140	chr2	1.81E+08	1.81E+08	+	0.008413
Tpi1	MmuINT0164162	chr6	1.25E+08	1.25E+08	-	0.000411
Tpi1	MmuINT0164164	chr6	1.25E+08	1.25E+08	-	0.000564
Tpi1	MmuINT0164165	chr6	1.25E+08	1.25E+08	-	0.000598
Tpk1	MmuINT0164175	chr6	43296900	43373619	-	0.051147
Tpm1	MmuINT0164178	chr9	66895719	66896825	-	0.000131
Tpm1	MmuINT0164184	chr9	66875975	66877470	-	0.003182
Tpm1	MmuINT0164185	chr9	66883936	66891384	-	0.149437
Tpm1	MmuINT0164186	chr9	66881801	66883801	-	0.000206
Tpm1	MmuINT0164187	chr9	66880672	66881682	-	0.000023
Tpm1	MmuINT0164188	chr9	66879834	66880600	-	0.000331
Tpm1	MmuINT0164189	chr9	66879322	66879757	-	0.000176
Tpm1	MmuINT0164190	chr9	66878906	66879258	-	0.000599

Tpm1	MmuINT0164191	chr9	66872373	66878835	-	0.982428
Tpm2	MmuINT0164192	chr4	43535673	43536112	-	0.007013
Tpm2	MmuINT0164193	chr4	43532617	43535546	-	0.012381
Tpm2	MmuINT0164194	chr4	43532379	43532482	-	0.008516
Tpm2	MmuINT0164195	chr4	43532170	43532260	-	0.018114
Tpm2	MmuINT0164198	chr4	43531172	43531273	-	0.030186
Tpm4	MmuINT0164208	chr8	74659353	74662486	+	0.006108
Tpm4	MmuINT0164210	chr8	74667467	74668576	+	0.00365
Tpmt	MmuINT0164216	chr13	47135566	47136767	-	0.033106
Tpmt	MmuINT0164217	chr13	47131397	47135472	-	0.053623
Tpmt	MmuINT0164219	chr13	47127862	47130389	-	0.059494
Tpmt	MmuINT0164220	chr13	47124337	47127786	-	0.070377
Tpmt	MmuINT0164221	chr13	47122666	47124250	-	0.06072
Tpmt	MmuINT0164222	chr13	47120847	47122620	-	0.017894
Tpp1	MmuINT0164239	chr7	1.13E+08	1.13E+08	-	0.026396
Tpp1	MmuINT0164240	chr7	1.13E+08	1.13E+08	-	0.005949
Tpp1	MmuINT0164241	chr7	1.13E+08	1.13E+08	-	0.009024
Tpp1	MmuINT0164242	chr7	1.13E+08	1.13E+08	-	0.014813
Tpp1	MmuINT0164243	chr7	1.13E+08	1.13E+08	-	0.037699
Tpp1	MmuINT0164244	chr7	1.13E+08	1.13E+08	-	0.073654
Tpp1	MmuINT0164245	chr7	1.13E+08	1.13E+08	-	0.038616
Tpp1	MmuINT0164246	chr7	1.13E+08	1.13E+08	-	0.079062
Tpp1	MmuINT0164247	chr7	1.13E+08	1.13E+08	-	0.017887
Tpp1	MmuINT0164248	chr7	1.13E+08	1.13E+08	-	0.037113
Tpp1	MmuINT0164249	chr7	1.13E+08	1.13E+08	-	0.009048
Tpp1	MmuINT0164250	chr7	1.13E+08	1.13E+08	-	0.010117
Tpp2	MmuINT0164251	chr1	43991099	43996954	+	0.011403
Tpp2	MmuINT0164252	chr1	44017813	44025726	+	0.009578
Tpp2	MmuINT0164253	chr1	44025876	44027245	+	0.005787
Tpp2	MmuINT0164254	chr1	44027362	44028408	+	0.006282
Tpp2	MmuINT0164255	chr1	44028578	44029374	+	0.011426
Tpp2	MmuINT0164256	chr1	44029533	44030288	+	0.006654
Tpp2	MmuINT0164257	chr1	44030366	44032260	+	0.007506
Tpp2	MmuINT0164258	chr1	44032368	44034051	+	0.005159
Tpp2	MmuINT0164259	chr1	44034207	44035257	+	0.007588
Tpp2	MmuINT0164260	chr1	44035375	44035579	+	0.011603
Tpp2	MmuINT0164261	chr1	44035681	44037152	+	0.014702
Tpp2	MmuINT0164262	chr1	43997084	44006156	+	0.009302
Tpp2	MmuINT0164263	chr1	44037250	44038574	+	0.010949
Tpp2	MmuINT0164264	chr1	44038713	44039916	+	0.007794
Tpp2	MmuINT0164265	chr1	44040162	44040358	+	0.015706
Tpp2	MmuINT0164267	chr1	44042300	44047355	+	0.085946
Tpp2	MmuINT0164268	chr1	44047508	44048107	+	0.008432
Tpp2	MmuINT0164269	chr1	44048205	44049108	+	0.005681
Tpp2	MmuINT0164270	chr1	44049240	44056472	+	0.012259
Tpp2	MmuINT0164271	chr1	44056681	44058163	+	0.006054
Tpp2	MmuINT0164272	chr1	44058284	44058948	+	0.009312
Tpp2	MmuINT0164273	chr1	44006253	44007951	+	0.00955
Tpp2	MmuINT0164274	chr1	44008057	44010101	+	0.011533
Tpp2	MmuINT0164275	chr1	44010227	44011421	+	0.009525

Tpp2	MmuINT0164276	chr1	44011586	44013315	+	0.014284
Tpp2	MmuINT0164277	chr1	44013471	44014280	+	0.010168
Tpp2	MmuINT0164278	chr1	44014358	44016928	+	0.016186
Tpp2	MmuINT0164279	chr1	44017057	44017712	+	0.009985
Tppp3	MmuINT0164285	chr8	1.08E+08	1.08E+08	-	0.119484
Tppp3	MmuINT0164286	chr8	1.08E+08	1.08E+08	-	0.009455
Tppp3	MmuINT0164287	chr8	1.08E+08	1.08E+08	-	0.00894
Tpr	MmuINT0164288	chr1	1.52E+08	1.52E+08	+	0.005635
Tpr	MmuINT0164289	chr1	1.52E+08	1.52E+08	+	0.008309
Tpr	MmuINT0164290	chr1	1.52E+08	1.52E+08	+	0.00577
Tpr	MmuINT0164291	chr1	1.52E+08	1.52E+08	+	0.005795
Tpr	MmuINT0164292	chr1	1.52E+08	1.52E+08	+	0.005616
Tpr	MmuINT0164293	chr1	1.52E+08	1.52E+08	+	0.006146
Tpr	MmuINT0164294	chr1	1.52E+08	1.52E+08	+	0.007792
Tpr	MmuINT0164295	chr1	1.52E+08	1.52E+08	+	0.007498
Tpr	MmuINT0164296	chr1	1.52E+08	1.52E+08	+	0.004837
Tpr	MmuINT0164297	chr1	1.52E+08	1.52E+08	+	0.00524
Tpr	MmuINT0164298	chr1	1.52E+08	1.52E+08	+	0.006844
Tpr	MmuINT0164299	chr1	1.52E+08	1.52E+08	+	0.004332
Tpr	MmuINT0164300	chr1	1.52E+08	1.52E+08	+	0.004559
Tpr	MmuINT0164301	chr1	1.52E+08	1.52E+08	+	0.005377
Tpr	MmuINT0164302	chr1	1.52E+08	1.52E+08	+	0.004608
Tpr	MmuINT0164303	chr1	1.52E+08	1.52E+08	+	0.005351
Tpr	MmuINT0164304	chr1	1.52E+08	1.52E+08	+	0.004396
Tpr	MmuINT0164305	chr1	1.52E+08	1.52E+08	+	0.003614
Tpr	MmuINT0164306	chr1	1.52E+08	1.52E+08	+	0.004436
Tpr	MmuINT0164307	chr1	1.52E+08	1.52E+08	+	0.003088
Tpr	MmuINT0164308	chr1	1.52E+08	1.52E+08	+	0.007885
Tpr	MmuINT0164309	chr1	1.52E+08	1.52E+08	+	0.011464
Tpr	MmuINT0164310	chr1	1.52E+08	1.52E+08	+	0.003636
Tpr	MmuINT0164311	chr1	1.52E+08	1.52E+08	+	0.003518
Tpr	MmuINT0164312	chr1	1.52E+08	1.52E+08	+	0.004273
Tpr	MmuINT0164313	chr1	1.52E+08	1.52E+08	+	0.004245
Tpr	MmuINT0164314	chr1	1.52E+08	1.52E+08	+	0.008409
Tpr	MmuINT0164315	chr1	1.52E+08	1.52E+08	+	0.003679
Tpr	MmuINT0164316	chr1	1.52E+08	1.52E+08	+	0.004029
Tpr	MmuINT0164317	chr1	1.52E+08	1.52E+08	+	0.004963
Tpr	MmuINT0164318	chr1	1.52E+08	1.52E+08	+	0.005148
Tpr	MmuINT0164319	chr1	1.52E+08	1.52E+08	+	0.004369
Tpr	MmuINT0164320	chr1	1.52E+08	1.52E+08	+	0.00832
Tpr	MmuINT0164321	chr1	1.52E+08	1.52E+08	+	0.005866
Tpr	MmuINT0164322	chr1	1.52E+08	1.52E+08	+	0.003101
Tpr	MmuINT0164323	chr1	1.52E+08	1.52E+08	+	0.019498
Tpr	MmuINT0164324	chr1	1.52E+08	1.52E+08	+	0.003264
Tpr	MmuINT0164325	chr1	1.52E+08	1.52E+08	+	0.003456
Tpr	MmuINT0164326	chr1	1.52E+08	1.52E+08	+	0.004857
Tpr	MmuINT0164327	chr1	1.52E+08	1.52E+08	+	0.00947
Tpr	MmuINT0164328	chr1	1.52E+08	1.52E+08	+	0.000544
Tpr	MmuINT0164329	chr1	1.52E+08	1.52E+08	+	0.000506
Tpr	MmuINT0164330	chr1	1.52E+08	1.52E+08	+	0.003993

Tpr	MmuINT0164331	chr1	1.52E+08	1.52E+08	+	0.008742
Tpr	MmuINT0164332	chr1	1.52E+08	1.52E+08	+	0.012405
Tpr	MmuINT0164333	chr1	1.52E+08	1.52E+08	+	0.006003
Tpr	MmuINT0164334	chr1	1.52E+08	1.52E+08	+	0.005968
Tpr	MmuINT0164335	chr1	1.52E+08	1.52E+08	+	0.011795
Tpr	MmuINT0164336	chr1	1.52E+08	1.52E+08	+	0.009171
Tpra1	MmuINT0164337	chr6	88852525	88855942	+	0.053953
Tpra1	MmuINT0164338	chr6	88860645	88860790	+	0.088552
Tpra1	MmuINT0164339	chr6	88860872	88861676	+	0.049854
Tpra1	MmuINT0164340	chr6	88856073	88857934	+	0.046531
Tpra1	MmuINT0164341	chr6	88858067	88858177	+	0.008732
Tpra1	MmuINT0164342	chr6	88858311	88859283	+	0.030561
Tpra1	MmuINT0164343	chr6	88859371	88859501	+	0.025984
Tpra1	MmuINT0164344	chr6	88859575	88859674	+	0.016453
Tpra1	MmuINT0164345	chr6	88859755	88860144	+	0.018099
Tpra1	MmuINT0164346	chr6	88860256	88860334	+	0.110924
Tpra1	MmuINT0164347	chr6	88860396	88860541	+	0.145833
Tprgl	MmuINT0164353	chr4	1.54E+08	1.54E+08	-	0.005813
Tprgl	MmuINT0164354	chr4	1.54E+08	1.54E+08	-	0.029383
Tprgl	MmuINT0164355	chr4	1.54E+08	1.54E+08	-	0.019007
Tprkb	MmuINT0164358	chr6	85871506	85874353	+	0.023883
Tprkb	MmuINT0164359	chr6	85874517	85877234	+	0.097227
Tprkb	MmuINT0164360	chr6	85877358	85877801	+	0.119025
Tprkb	MmuINT0164361	chr6	85877979	85878769	+	0.115962
Tprn	MmuINT0164363	chr2	25120074	25124351	+	0.078639
Tprn	MmuINT0164364	chr2	25124566	25124652	+	0.048555
Tprn	MmuINT0164365	chr2	25124760	25124875	+	0.046661
Tpsb2	MmuINT0164373	chr17	25504554	25504626	+	0.096806
Tpst1	MmuINT0164380	chr5	1.31E+08	1.31E+08	+	0.017918
Tpst1	MmuINT0164381	chr5	1.31E+08	1.31E+08	+	0.034393
Tpst1	MmuINT0164382	chr5	1.31E+08	1.31E+08	+	0.074685
Tpst1	MmuINT0164383	chr5	1.31E+08	1.31E+08	+	0.060841
Tpst2	MmuINT0164384	chr5	1.13E+08	1.13E+08	+	0.065895
Tpst2	MmuINT0164385	chr5	1.13E+08	1.13E+08	+	0.021224
Tpst2	MmuINT0164386	chr5	1.13E+08	1.13E+08	+	0.107154
Tpst2	MmuINT0164387	chr5	1.13E+08	1.13E+08	+	0.030078
Tpst2	MmuINT0164388	chr5	1.13E+08	1.13E+08	+	0.08588
Tpst2	MmuINT0164389	chr5	1.13E+08	1.13E+08	+	0.026158
Tpx2	MmuINT0164426	chr2	1.53E+08	1.53E+08	+	0.059947
Tpx2	MmuINT0164431	chr2	1.53E+08	1.53E+08	+	0.066334
Tra2a	MmuINT0164438	chr6	49202515	49213836	-	0.363002
Tra2a	MmuINT0164439	chr6	49201022	49202380	-	0.00735
Tra2a	MmuINT0164440	chr6	49199174	49200861	-	0.006714
Tra2a	MmuINT0164441	chr6	49196964	49198984	-	0.007547
Tra2a	MmuINT0164443	chr6	49194935	49195474	-	0.009168
Tra2a	MmuINT0164444	chr6	49194731	49194866	-	0.005831
Tra2b	MmuINT0164450	chr16	22248569	22249122	-	0.009733
Trabd	MmuINT0164453	chr15	88906572	88911409	+	0.065469
Trabd	MmuINT0164454	chr15	88911475	88911782	+	0.0297
Trabd	MmuINT0164455	chr15	88911862	88912380	+	0.018574

Trabd	MmuINT0164456	chr15	88912548	88913080	+	0.00945
Trabd	MmuINT0164457	chr15	88913222	88915127	+	0.030552
Trabd	MmuINT0164458	chr15	88915239	88915332	+	0.018877
Trabd	MmuINT0164459	chr15	88915473	88915703	+	0.032266
Trabd	MmuINT0164460	chr15	88915877	88915955	+	0.025866
Trabd	MmuINT0164461	chr15	88916068	88916185	+	0.025301
Tradd	MmuINT0164462	chr8	1.08E+08	1.08E+08	-	0.097467
Tradd	MmuINT0164463	chr8	1.08E+08	1.08E+08	-	0.378742
Tradd	MmuINT0164464	chr8	1.08E+08	1.08E+08	-	0.383482
Tradd	MmuINT0164465	chr8	1.08E+08	1.08E+08	-	0.065719
Traf2	MmuINT0164476	chr2	25394605	25402381	-	0.086762
Traf2	MmuINT0164477	chr2	25375149	25375847	-	0.009153
Traf2	MmuINT0164478	chr2	25392670	25394385	-	0.128185
Traf2	MmuINT0164479	chr2	25392295	25392590	-	0.016188
Traf2	MmuINT0164480	chr2	25385969	25392195	-	0.017127
Traf2	MmuINT0164481	chr2	25383827	25385806	-	0.014368
Traf2	MmuINT0164482	chr2	25383069	25383751	-	0.012686
Traf2	MmuINT0164483	chr2	25380669	25382993	-	0.017598
Traf2	MmuINT0164484	chr2	25380038	25380386	-	0.014277
Traf2	MmuINT0164485	chr2	25375997	25379859	-	0.069143
Traf3	MmuINT0164488	chr12	1.12E+08	1.12E+08	+	0.021544
Traf3	MmuINT0164489	chr12	1.12E+08	1.12E+08	+	0.024543
Traf3	MmuINT0164490	chr12	1.12E+08	1.12E+08	+	0.023904
Traf3	MmuINT0164491	chr12	1.12E+08	1.12E+08	+	0.039467
Traf3	MmuINT0164492	chr12	1.12E+08	1.12E+08	+	0.039818
Traf3	MmuINT0164493	chr12	1.12E+08	1.12E+08	+	0.028885
Traf3	MmuINT0164494	chr12	1.12E+08	1.12E+08	+	0.042338
Traf3	MmuINT0164495	chr12	1.12E+08	1.12E+08	+	0.04665
Traf3	MmuINT0164496	chr12	1.12E+08	1.12E+08	+	0.033627
Traf3	MmuINT0164497	chr12	1.12E+08	1.12E+08	+	0.036697
Traf3ip1	MmuINT0164498	chr1	93391466	93394529	+	0.053078
Traf3ip1	MmuINT0164499	chr1	93416717	93417460	+	0.028845
Traf3ip1	MmuINT0164500	chr1	93417585	93417763	+	0.025122
Traf3ip1	MmuINT0164501	chr1	93417801	93419407	+	0.032832
Traf3ip1	MmuINT0164502	chr1	93419485	93422455	+	0.029875
Traf3ip1	MmuINT0164503	chr1	93422680	93424194	+	0.110218
Traf3ip1	MmuINT0164504	chr1	93394599	93396078	+	0.038309
Traf3ip1	MmuINT0164505	chr1	93396241	93397349	+	0.031337
Traf3ip1	MmuINT0164506	chr1	93397488	93397581	+	0.018469
Traf3ip1	MmuINT0164507	chr1	93398002	93401999	+	0.028923
Traf3ip1	MmuINT0164508	chr1	93402072	93404069	+	0.028149
Traf3ip1	MmuINT0164509	chr1	93404146	93414870	+	0.046798
Traf3ip1	MmuINT0164510	chr1	93414892	93416154	+	0.045605
Traf3ip1	MmuINT0164511	chr1	93416240	93416632	+	0.030985
Traf3ip2	MmuINT0164512	chr10	39333153	39345655	+	0.040334
Traf3ip2	MmuINT0164513	chr10	39346466	39354340	+	0.04101
Traf3ip2	MmuINT0164514	chr10	39354531	39359025	+	0.06335
Traf3ip2	MmuINT0164515	chr10	39359205	39361111	+	0.175104
Traf3ip2	MmuINT0164516	chr10	39361201	39365513	+	0.183956
Traf3ip2	MmuINT0164517	chr10	39365583	39366654	+	0.143115

Traf3ip2	MmuINT0164518	chr10	39366772	39370711	+	0.115468
Traf3ip2	MmuINT0164519	chr10	39370787	39374188	+	0.154295
Traf3ip3	MmuINT0164528	chr1	1.95E+08	1.95E+08	-	0.881258
Traf4	MmuINT0164537	chr11	77974697	77974788	-	0.052098
Traf4	MmuINT0164538	chr11	77974451	77974534	-	0.042119
Traf4	MmuINT0164539	chr11	77974051	77974294	-	0.008134
Traf5	MmuINT0164546	chr1	1.94E+08	1.94E+08	-	0.102452
Traf6	MmuINT0164549	chr2	1.02E+08	1.02E+08	+	0.081666
Traf6	MmuINT0164550	chr2	1.02E+08	1.02E+08	+	0.127072
Traf6	MmuINT0164551	chr2	1.02E+08	1.02E+08	+	0.067267
Traf6	MmuINT0164552	chr2	1.02E+08	1.02E+08	+	0.028095
Traf6	MmuINT0164553	chr2	1.02E+08	1.02E+08	+	0.04616
Traf6	MmuINT0164554	chr2	1.02E+08	1.02E+08	+	0.057031
Traf6	MmuINT0164555	chr2	1.02E+08	1.02E+08	+	0.030458
Traf7	MmuINT0164557	chr17	24649032	24649113	-	0.032331
Traf7	MmuINT0164558	chr17	24648770	24648957	-	0.013562
Traf7	MmuINT0164559	chr17	24648645	24648720	-	0.034744
Traf7	MmuINT0164560	chr17	24648343	24648516	-	0.032634
Traf7	MmuINT0164561	chr17	24647644	24648259	-	0.099165
Traf7	MmuINT0164562	chr17	24647518	24647603	-	0.039994
Traf7	MmuINT0164563	chr17	24647317	24647400	-	0.055103
Traf7	MmuINT0164564	chr17	24647021	24647193	-	0.099207
Traf7	MmuINT0164565	chr17	24646813	24646900	-	0.009201
Traf7	MmuINT0164566	chr17	24646597	24646680	-	0.00634
Traf7	MmuINT0164568	chr17	24646304	24646476	-	0.007776
Traf7	MmuINT0164569	chr17	24653545	24655686	-	0.069859
Traf7	MmuINT0164570	chr17	24651163	24651657	-	0.022959
Traf7	MmuINT0164571	chr17	24650878	24651069	-	0.038292
Traf7	MmuINT0164572	chr17	24650322	24650843	-	0.067409
Traf7	MmuINT0164573	chr17	24649332	24649894	-	0.063467
Trafd1	MmuINT0164575	chr5	1.22E+08	1.22E+08	-	0.206161
Trafd1	MmuINT0164576	chr5	1.22E+08	1.22E+08	-	0.016316
Trafd1	MmuINT0164577	chr5	1.22E+08	1.22E+08	-	0.003905
Trafd1	MmuINT0164578	chr5	1.22E+08	1.22E+08	-	0.017265
Trafd1	MmuINT0164579	chr5	1.22E+08	1.22E+08	-	0.008225
Trafd1	MmuINT0164580	chr5	1.22E+08	1.22E+08	-	0.007279
Trafd1	MmuINT0164581	chr5	1.22E+08	1.22E+08	-	0.003707
Trafd1	MmuINT0164582	chr5	1.22E+08	1.22E+08	-	0.056577
Trafd1	MmuINT0164584	chr5	1.22E+08	1.22E+08	-	0.13215
Traip	MmuINT0164591	chr9	1.08E+08	1.08E+08	+	0.057583
Traip	MmuINT0164596	chr9	1.08E+08	1.08E+08	+	0.082578
Trak1	MmuINT0164600	chr9	1.21E+08	1.21E+08	+	0.00159
Trak1	MmuINT0164601	chr9	1.21E+08	1.21E+08	+	0.006856
Trak1	MmuINT0164602	chr9	1.21E+08	1.21E+08	+	0.001224
Trak1	MmuINT0164603	chr9	1.21E+08	1.21E+08	+	0.716641
Trak1	MmuINT0164604	chr9	1.21E+08	1.21E+08	+	0.331502
Trak1	MmuINT0164605	chr9	1.21E+08	1.21E+08	+	0.120071
Trak1	MmuINT0164606	chr9	1.21E+08	1.21E+08	+	0.000649
Trak1	MmuINT0164607	chr9	1.21E+08	1.21E+08	+	0.0007
Trak1	MmuINT0164608	chr9	1.21E+08	1.21E+08	+	0.001162



Trak1	MmuINT0164609	chr9	1.21E+08	1.21E+08	+	0.000962
Trak1	MmuINT0164610	chr9	1.21E+08	1.21E+08	+	0.001745
Trak1	MmuINT0164611	chr9	1.21E+08	1.21E+08	+	0.002302
Trak1	MmuINT0164612	chr9	1.21E+08	1.21E+08	+	0.002449
Trak1	MmuINT0164613	chr9	1.21E+08	1.21E+08	+	0.001016
Trak2	MmuINT0164614	chr1	59003380	59030080	-	0.003525
Trak2	MmuINT0164615	chr1	58969107	58972529	-	0.003126
Trak2	MmuINT0164616	chr1	58968681	58969029	-	0.003534
Trak2	MmuINT0164617	chr1	58967093	58968479	-	0.003713
Trak2	MmuINT0164618	chr1	58965634	58966793	-	0.001648
Trak2	MmuINT0164619	chr1	58963656	58965366	-	0.026665
Trak2	MmuINT0164620	chr1	58961027	58963549	-	0.013312
Trak2	MmuINT0164621	chr1	58992785	59003090	-	0.003723
Trak2	MmuINT0164622	chr1	58983572	58992589	-	0.002698
Trak2	MmuINT0164623	chr1	58980483	58983494	-	0.002651
Trak2	MmuINT0164624	chr1	58978734	58980365	-	0.003281
Trak2	MmuINT0164625	chr1	58977997	58978523	-	0.02205
Trak2	MmuINT0164626	chr1	58976196	58977917	-	0.003454
Trak2	MmuINT0164627	chr1	58975691	58976064	-	0.002482
Trak2	MmuINT0164628	chr1	58972668	58975615	-	0.005149
Tram1	MmuINT0164629	chr1	13571168	13579680	-	0.021596
Tram1	MmuINT0164630	chr1	13556478	13559551	-	0.016256
Tram1	MmuINT0164631	chr1	13569893	13571103	-	0.016209
Tram1	MmuINT0164632	chr1	13569648	13569770	-	0.011998
Tram1	MmuINT0164633	chr1	13568240	13569530	-	0.013767
Tram1	MmuINT0164634	chr1	13566534	13568180	-	0.0109
Tram1	MmuINT0164635	chr1	13562156	13566448	-	0.025367
Tram1	MmuINT0164636	chr1	13561989	13562084	-	0.016539
Tram1	MmuINT0164637	chr1	13560164	13561883	-	0.008829
Tram1	MmuINT0164638	chr1	13559713	13560019	-	0.007673
Tram2	MmuINT0164639	chr1	20991717	20993050	-	0.111662
Tram2	MmuINT0164641	chr1	21002991	21003482	-	0.056515
Tram2	MmuINT0164642	chr1	20996993	21002873	-	0.101141
Tram2	MmuINT0164644	chr1	20995719	20996230	-	0.075813
Tram2	MmuINT0164645	chr1	20994412	20995647	-	0.052634
Tram2	MmuINT0164646	chr1	20994063	20994306	-	0.050013
Tram2	MmuINT0164647	chr1	20993215	20993918	-	0.053527
Trap1	MmuINT0164669	chr16	4069022	4077692	-	0.001519
Trap1	MmuINT0164670	chr16	4052935	4053480	-	0.002138
Trap1	MmuINT0164671	chr16	4049499	4052864	-	0.001055
Trap1	MmuINT0164672	chr16	4046066	4049350	-	0.001053
Trap1	MmuINT0164673	chr16	4045582	4045879	-	0.001339
Trap1	MmuINT0164674	chr16	4044699	4045442	-	0.015738
Trap1	MmuINT0164675	chr16	4044099	4044612	-	0.003334
Trap1	MmuINT0164676	chr16	4040432	4043952	-	0.005026
Trap1	MmuINT0164677	chr16	4040225	4040358	-	0.001515
Trap1	MmuINT0164678	chr16	4068339	4068856	-	0.000995
Trap1	MmuINT0164679	chr16	4065374	4068255	-	0.001298
Trap1	MmuINT0164680	chr16	4062402	4065232	-	0.001728
Trap1	MmuINT0164681	chr16	4060918	4062329	-	0.002093

Trap1	MmuINT0164682	chr16	4056440	4060756	-	0.001585
Trap1	MmuINT0164683	chr16	4055871	4056329	-	0.002436
Trap1	MmuINT0164684	chr16	4054910	4055796	-	0.001569
Trap1	MmuINT0164685	chr16	4053602	4054753	-	0.001071
Trappc1	MmuINT0164688	chr11	69137569	69137659	+	0.139355
Trappc1	MmuINT0164689	chr11	69137759	69137896	+	0.023329
Trappc1	MmuINT0164690	chr11	69137968	69138325	+	0.027163
Trappc1	MmuINT0164691	chr11	69138465	69138940	+	0.017677
Trappc10	MmuINT0164692	chr10	77694281	77707180	-	0.014063
Trappc10	MmuINT0164693	chr10	77672221	77673122	-	0.010345
Trappc10	MmuINT0164694	chr10	77670778	77672128	-	0.025394
Trappc10	MmuINT0164695	chr10	77670292	77670636	-	0.006274
Trappc10	MmuINT0164696	chr10	77667138	77670178	-	0.008598
Trappc10	MmuINT0164697	chr10	77665767	77666625	-	0.044464
Trappc10	MmuINT0164698	chr10	77664336	77665624	-	0.005202
Trappc10	MmuINT0164699	chr10	77663593	77664176	-	0.005266
Trappc10	MmuINT0164700	chr10	77661890	77663362	-	0.004618
Trappc10	MmuINT0164701	chr10	77660610	77661788	-	0.007976
Trappc10	MmuINT0164702	chr10	77659204	77660482	-	0.008827
Trappc10	MmuINT0164703	chr10	77691660	77694198	-	0.010084
Trappc10	MmuINT0164704	chr10	77656282	77659032	-	0.005905
Trappc10	MmuINT0164705	chr10	77651696	77656103	-	0.037249
Trappc10	MmuINT0164706	chr10	77650840	77651500	-	0.026142
Trappc10	MmuINT0164707	chr10	77685606	77691523	-	0.005224
Trappc10	MmuINT0164708	chr10	77683130	77685408	-	0.00491
Trappc10	MmuINT0164709	chr10	77680007	77682933	-	0.009868
Trappc10	MmuINT0164710	chr10	77677561	77679894	-	0.009788
Trappc10	MmuINT0164711	chr10	77674368	77677312	-	0.007479
Trappc10	MmuINT0164712	chr10	77673624	77674220	-	0.008903
Trappc10	MmuINT0164713	chr10	77673200	77673508	-	0.006826
Trappc2	MmuINT0164716	chrX	1.63E+08	1.63E+08	+	0.0379
Trappc2l	MmuINT0164718	chr8	1.25E+08	1.25E+08	+	0.006166
Trappc2l	MmuINT0164719	chr8	1.25E+08	1.25E+08	+	0.006942
Trappc2l	MmuINT0164720	chr8	1.25E+08	1.25E+08	+	0.020727
Trappc2l	MmuINT0164721	chr8	1.25E+08	1.25E+08	+	0.004962
Trappc3	MmuINT0164722	chr4	1.26E+08	1.26E+08	+	0.031432
Trappc3	MmuINT0164723	chr4	1.26E+08	1.26E+08	+	0.017345
Trappc3	MmuINT0164724	chr4	1.26E+08	1.26E+08	+	0.066907
Trappc3	MmuINT0164725	chr4	1.26E+08	1.26E+08	+	0.004393
Trappc4	MmuINT0164727	chr9	44213430	44214886	-	0.011252
Trappc4	MmuINT0164728	chr9	44212544	44213325	-	0.014188
Trappc4	MmuINT0164729	chr9	44212182	44212416	-	0.015928
Trappc5	MmuINT0164730	chr8	3676604	3679014	+	0.018922
Trappc6a	MmuINT0164731	chr7	20094182	20099549	+	0.025517
Trappc6a	MmuINT0164732	chr7	20099618	20099770	+	0.017825
Trappc6a	MmuINT0164733	chr7	20099889	20100355	+	0.048899
Trappc6a	MmuINT0164734	chr7	20100440	20100552	+	0.010947
Trappc6a	MmuINT0164735	chr7	20100647	20101194	+	0.007343
Trappc6b	MmuINT0164737	chr12	60151373	60152627	-	0.011976
Trappc6b	MmuINT0164739	chr12	60145334	60149109	-	0.004731

Trappc9	MmuINT0164742	chr15	72888945	72891390	-	0.009067
Trappc9	MmuINT0164743	chr15	72779306	72783403	-	0.007578
Trappc9	MmuINT0164744	chr15	72776616	72779219	-	0.012939
Trappc9	MmuINT0164745	chr15	72772423	72776488	-	0.008022
Trappc9	MmuINT0164746	chr15	72767556	72772289	-	0.00716
Trappc9	MmuINT0164747	chr15	72756089	72767391	-	0.006583
Trappc9	MmuINT0164748	chr15	72734112	72755935	-	0.006423
Trappc9	MmuINT0164750	chr15	72882738	72888351	-	0.015615
Trappc9	MmuINT0164751	chr15	72881154	72882591	-	0.006815
Trappc9	MmuINT0164752	chr15	72862074	72881024	-	0.009478
Trappc9	MmuINT0164753	chr15	72856518	72861951	-	0.008781
Trappc9	MmuINT0164754	chr15	72843453	72856391	-	0.008751
Trappc9	MmuINT0164755	chr15	72830546	72843235	-	0.009728
Trappc9	MmuINT0164756	chr15	72794117	72830401	-	0.01303
Trappc9	MmuINT0164757	chr15	72783550	72793989	-	0.010611
Trappc9	MmuINT0164761	chr15	72567317	72587645	-	0.00512
Trappc9	MmuINT0164762	chr15	72524088	72567205	-	0.005778
Trappc9	MmuINT0164763	chr15	72515804	72523933	-	0.011089
Trappc9	MmuINT0164764	chr15	72421270	72515712	-	0.013818
Trappc9	MmuINT0164765	chr15	72420593	72421045	-	0.005338
Trdmt1	MmuINT0164785	chr2	13455121	13466195	-	0.051579
Trdmt1	MmuINT0164786	chr2	13433318	13437641	-	0.048263
Trdmt1	MmuINT0164787	chr2	13447322	13455010	-	0.053885
Trdmt1	MmuINT0164788	chr2	13445125	13447244	-	0.044629
Trdmt1	MmuINT0164790	chr2	13443775	13444450	-	0.067406
Trdmt1	MmuINT0164791	chr2	13442974	13443704	-	0.029402
Trdmt1	MmuINT0164792	chr2	13441727	13442889	-	0.025586
Trdmt1	MmuINT0164793	chr2	13438344	13441382	-	0.064649
Trdmt1	MmuINT0164794	chr2	13437772	13438285	-	0.044626
Trdn	MmuINT0164795	chr10	32803552	32858879	+	0.000483
Trdn	MmuINT0164797	chr10	32976944	32977892	+	0.015576
Trdn	MmuINT0164798	chr10	32977947	33024842	+	0.004879
Trdn	MmuINT0164799	chr10	33024897	33041110	+	0.001896
Trdn	MmuINT0164800	chr10	33041141	33052241	+	0.002394
Trdn	MmuINT0164802	chr10	33053056	33054787	+	0.004241
Trdn	MmuINT0164803	chr10	33054821	33054945	+	0.001856
Trdn	MmuINT0164804	chr10	33054973	33057318	+	0.001718
Trdn	MmuINT0164805	chr10	33057346	33062881	+	0.003326
Trdn	MmuINT0164806	chr10	32859090	32876818	+	0.000474
Trdn	MmuINT0164807	chr10	33062930	33083783	+	0.007437
Trdn	MmuINT0164811	chr10	33153537	33157523	+	0.011675
Trdn	MmuINT0164812	chr10	33157554	33158597	+	0.02633
Trdn	MmuINT0164813	chr10	33158625	33158980	+	0.010378
Trdn	MmuINT0164814	chr10	33159029	33162693	+	0.006356
Trdn	MmuINT0164815	chr10	33162739	33163859	+	0.007239
Trdn	MmuINT0164817	chr10	32876981	32878051	+	0.000469
Trdn	MmuINT0164818	chr10	33164557	33165225	+	0.007555
Trdn	MmuINT0164819	chr10	33165265	33166793	+	0.007621
Trdn	MmuINT0164820	chr10	33166839	33170784	+	0.008058
Trdn	MmuINT0164821	chr10	33170809	33184363	+	0.01023

Trdn	MmuINT0164822	chr10	33184403	33186228	+	0.008354
Trdn	MmuINT0164823	chr10	33186268	33187961	+	0.008686
Trdn	MmuINT0164824	chr10	33188001	33191371	+	0.009534
Trdn	MmuINT0164825	chr10	33191411	33194184	+	0.006925
Trdn	MmuINT0164826	chr10	32878085	32895574	+	0.000641
Trdn	MmuINT0164827	chr10	32895635	32903759	+	0.001227
Trdn	MmuINT0164828	chr10	32903823	32906446	+	0.001694
Trdn	MmuINT0164829	chr10	32906507	32915754	+	0.004222
Trdn	MmuINT0164830	chr10	32915932	32919968	+	0.80679
Trdn	MmuINT0164831	chr10	32920029	32953660	+	0.91512
Trem2	MmuINT0164850	chr17	48488133	48490425	+	0.059354
Trem2	MmuINT0164851	chr17	48490517	48491070	+	0.061586
Trem2	MmuINT0164852	chr17	48491256	48491332	+	0.045912
Trex1	MmuINT0164886	chr9	1.09E+08	1.09E+08	-	0.060537
Trf	MmuINT0164889	chr9	1.03E+08	1.03E+08	-	0.011863
Trf	MmuINT0164890	chr9	1.03E+08	1.03E+08	-	0.014707
Trf	MmuINT0164891	chr9	1.03E+08	1.03E+08	-	0.010376
Trf	MmuINT0164892	chr9	1.03E+08	1.03E+08	-	0.004868
Trf	MmuINT0164893	chr9	1.03E+08	1.03E+08	-	0.011719
Trf	MmuINT0164894	chr9	1.03E+08	1.03E+08	-	0.00897
Trf	MmuINT0164895	chr9	1.03E+08	1.03E+08	-	0.005347
Trf	MmuINT0164896	chr9	1.03E+08	1.03E+08	-	0.010969
Trf	MmuINT0164897	chr9	1.03E+08	1.03E+08	-	0.010452
Trf	MmuINT0164898	chr9	1.03E+08	1.03E+08	-	0.01554
Trf	MmuINT0164899	chr9	1.03E+08	1.03E+08	-	0.010904
Trf	MmuINT0164900	chr9	1.03E+08	1.03E+08	-	0.010661
Trf	MmuINT0164901	chr9	1.03E+08	1.03E+08	-	0.009919
Trf	MmuINT0164902	chr9	1.03E+08	1.03E+08	-	0.007876
Trf	MmuINT0164903	chr9	1.03E+08	1.03E+08	-	0.00834
Trf	MmuINT0164904	chr9	1.03E+08	1.03E+08	-	0.007819
Triap1	MmuINT0164949	chr5	1.16E+08	1.16E+08	+	0.006571
Trib1	MmuINT0164950	chr15	59481078	59483033	+	0.079023
Trib1	MmuINT0164951	chr15	59483327	59485790	+	0.021156
Trib2	MmuINT0164952	chr12	15816795	15822036	-	0.01919
Trib2	MmuINT0164953	chr12	15800883	15816501	-	0.02767
Trib3	MmuINT0164955	chr2	1.52E+08	1.52E+08	-	0.102344
Trib3	MmuINT0164956	chr2	1.52E+08	1.52E+08	-	0.085329
Trim11	MmuINT0164963	chr11	58792147	58794742	+	0.025971
Trim11	MmuINT0164964	chr11	58794839	58795494	+	0.021334
Trim11	MmuINT0164965	chr11	58795726	58802226	+	0.202464
Trim11	MmuINT0164966	chr11	58802250	58802330	+	0.144202
Trim11	MmuINT0164967	chr11	58802432	58803688	+	0.209278
Trim12a	MmuINT0164974	chr7	1.11E+08	1.11E+08	-	0.110434
Trim13	MmuINT0164976	chr14	62218733	62223366	+	0.049356
Trim16	MmuINT0164988	chr11	62634502	62642604	+	0.034122
Trim16	MmuINT0164989	chr11	62642701	62647480	+	0.06629
Trim16	MmuINT0164990	chr11	62647715	62650180	+	0.057374
Trim16	MmuINT0164991	chr11	62650347	62650736	+	0.042539
Trim16	MmuINT0164992	chr11	62650833	62653893	+	0.035306
Trim17	MmuINT0164995	chr11	58780372	58781988	+	0.849047

Trim2	MmuINT0165008	chr3	83976856	83981553	-	0.073281
Trim21	MmuINT0165013	chr7	1.1E+08	1.1E+08	-	0.054557
Trim21	MmuINT0165014	chr7	1.1E+08	1.1E+08	-	0.068633
Trim21	MmuINT0165015	chr7	1.1E+08	1.1E+08	-	0.17414
Trim21	MmuINT0165016	chr7	1.1E+08	1.1E+08	-	0.198712
Trim21	MmuINT0165017	chr7	1.1E+08	1.1E+08	-	0.058628
Trim23	MmuINT0165018	chr13	1.05E+08	1.05E+08	+	0.009348
Trim23	MmuINT0165019	chr13	1.05E+08	1.05E+08	+	0.022097
Trim23	MmuINT0165020	chr13	1.05E+08	1.05E+08	+	0.013353
Trim23	MmuINT0165021	chr13	1.05E+08	1.05E+08	+	0.013808
Trim23	MmuINT0165022	chr13	1.05E+08	1.05E+08	+	0.020507
Trim23	MmuINT0165023	chr13	1.05E+08	1.05E+08	+	0.035928
Trim23	MmuINT0165024	chr13	1.05E+08	1.05E+08	+	0.014824
Trim23	MmuINT0165025	chr13	1.05E+08	1.05E+08	+	0.017606
Trim23	MmuINT0165026	chr13	1.05E+08	1.05E+08	+	0.010875
Trim24	MmuINT0165027	chr6	37821475	37853532	+	0.045817
Trim24	MmuINT0165028	chr6	37899399	37901451	+	0.008163
Trim24	MmuINT0165029	chr6	37901626	37903493	+	0.017283
Trim24	MmuINT0165030	chr6	37903630	37906402	+	0.011773
Trim24	MmuINT0165031	chr6	37906476	37907003	+	0.015042
Trim24	MmuINT0165032	chr6	37907173	37907508	+	0.009408
Trim24	MmuINT0165033	chr6	37907838	37908561	+	0.010416
Trim24	MmuINT0165034	chr6	37908695	37910780	+	0.012102
Trim24	MmuINT0165035	chr6	37910856	37914702	+	0.013702
Trim24	MmuINT0165036	chr6	37914853	37915500	+	0.010816
Trim24	MmuINT0165037	chr6	37853652	37858216	+	0.014043
Trim24	MmuINT0165038	chr6	37858365	37865164	+	0.011265
Trim24	MmuINT0165039	chr6	37865298	37869373	+	0.010885
Trim24	MmuINT0165040	chr6	37869491	37877525	+	0.014129
Trim24	MmuINT0165041	chr6	37877641	37881353	+	0.010844
Trim24	MmuINT0165042	chr6	37881501	37893412	+	0.018543
Trim24	MmuINT0165043	chr6	37893531	37895520	+	0.010897
Trim24	MmuINT0165044	chr6	37895790	37899221	+	0.231885
Trim25	MmuINT0165045	chr11	88861397	88866042	+	0.029263
Trim25	MmuINT0165046	chr11	88866139	88870432	+	0.012311
Trim25	MmuINT0165047	chr11	88870667	88872118	+	0.014699
Trim25	MmuINT0165048	chr11	88872288	88874789	+	0.079747
Trim25	MmuINT0165049	chr11	88874853	88876480	+	0.117874
Trim25	MmuINT0165050	chr11	88876505	88876846	+	0.232437
Trim25	MmuINT0165051	chr11	88876946	88877032	+	0.092352
Trim25	MmuINT0165052	chr11	88877132	88877508	+	0.202161
Trim26	MmuINT0165053	chr17	36974210	36974409	+	0.044244
Trim26	MmuINT0165054	chr17	36974518	36987600	+	0.034922
Trim26	MmuINT0165055	chr17	36988074	36988171	+	0.014235
Trim26	MmuINT0165056	chr17	36988268	36989407	+	0.012953
Trim26	MmuINT0165057	chr17	36989639	36991228	+	0.047885
Trim26	MmuINT0165059	chr17	36993170	36993600	+	0.015839
Trim26	MmuINT0165060	chr17	36993717	36993933	+	0.01918
Trim26	MmuINT0165061	chr17	36993967	36994344	+	0.025232
Trim27	MmuINT0165062	chr13	21272784	21273852	+	0.024956

Trim27	MmuINT0165063	chr13	21273949	21275600	+	0.016375
Trim27	MmuINT0165064	chr13	21275832	21279909	+	0.007248
Trim27	MmuINT0165065	chr13	21279933	21281723	+	0.044303
Trim27	MmuINT0165066	chr13	21281840	21281960	+	0.013516
Trim27	MmuINT0165067	chr13	21281994	21283088	+	0.038647
Trim27	MmuINT0165068	chr13	21283116	21283898	+	0.026955
Trim28	MmuINT0165069	chr7	13610411	13610652	+	0.008637
Trim28	MmuINT0165070	chr7	13614474	13614555	+	0.097142
Trim28	MmuINT0165071	chr7	13614602	13614691	+	0.09302
Trim28	MmuINT0165072	chr7	13614945	13615024	+	0.018234
Trim28	MmuINT0165073	chr7	13615345	13615431	+	0.011985
Trim28	MmuINT0165074	chr7	13615556	13615637	+	0.009322
Trim28	MmuINT0165075	chr7	13615725	13615803	+	0.011275
Trim28	MmuINT0165076	chr7	13615942	13616037	+	0.005668
Trim28	MmuINT0165077	chr7	13610766	13610992	+	0.00796
Trim28	MmuINT0165078	chr7	13611126	13612965	+	0.0222
Trim28	MmuINT0165079	chr7	13613102	13613181	+	0.019545
Trim28	MmuINT0165080	chr7	13613299	13613369	+	0.028425
Trim28	MmuINT0165081	chr7	13613485	13613756	+	0.04058
Trim28	MmuINT0165082	chr7	13613904	13614012	+	0.031182
Trim28	MmuINT0165083	chr7	13614128	13614229	+	0.021719
Trim28	MmuINT0165084	chr7	13614337	13614436	+	0.01662
Trim3	MmuINT0165093	chr7	1.13E+08	1.13E+08	-	0.493791
Trim3	MmuINT0165094	chr7	1.13E+08	1.13E+08	-	0.312754
Trim3	MmuINT0165095	chr7	1.13E+08	1.13E+08	-	0.011215
Trim3	MmuINT0165096	chr7	1.13E+08	1.13E+08	-	0.031785
Trim3	MmuINT0165097	chr7	1.13E+08	1.13E+08	-	0.049098
Trim3	MmuINT0165098	chr7	1.13E+08	1.13E+08	-	0.111193
Trim3	MmuINT0165099	chr7	1.13E+08	1.13E+08	-	0.039183
Trim3	MmuINT0165100	chr7	1.13E+08	1.13E+08	-	0.010093
Trim3	MmuINT0165101	chr7	1.13E+08	1.13E+08	-	0.074213
Trim3	MmuINT0165102	chr7	1.13E+08	1.13E+08	-	0.012424
Trim3	MmuINT0165103	chr7	1.13E+08	1.13E+08	-	0.016728
Trim30a	MmuINT0165104	chr7	1.12E+08	1.12E+08	-	0.039474
Trim30a	MmuINT0165105	chr7	1.12E+08	1.12E+08	-	0.046893
Trim30a	MmuINT0165106	chr7	1.12E+08	1.12E+08	-	0.029146
Trim30a	MmuINT0165107	chr7	1.12E+08	1.12E+08	-	0.168812
Trim30a	MmuINT0165108	chr7	1.12E+08	1.12E+08	-	0.110974
Trim30a	MmuINT0165109	chr7	1.12E+08	1.12E+08	-	0.097697
Trim30d	MmuINT0165114	chr7	1.12E+08	1.12E+08	-	0.214393
Trim33	MmuINT0165130	chr3	1.03E+08	1.03E+08	+	0.029183
Trim33	MmuINT0165132	chr3	1.03E+08	1.03E+08	+	0.041203
Trim33	MmuINT0165133	chr3	1.03E+08	1.03E+08	+	0.021782
Trim33	MmuINT0165134	chr3	1.03E+08	1.03E+08	+	0.016209
Trim33	MmuINT0165135	chr3	1.03E+08	1.03E+08	+	0.015978
Trim33	MmuINT0165136	chr3	1.03E+08	1.03E+08	+	0.035818
Trim33	MmuINT0165137	chr3	1.03E+08	1.03E+08	+	0.031695
Trim33	MmuINT0165138	chr3	1.03E+08	1.03E+08	+	0.070403
Trim33	MmuINT0165139	chr3	1.03E+08	1.03E+08	+	0.026694
Trim33	MmuINT0165140	chr3	1.03E+08	1.03E+08	+	0.022873

Trim33	MmuINT0165143	chr3	1.03E+08	1.03E+08	+	0.036894
Trim35	MmuINT0165156	chr14	66916387	66922017	+	0.033806
Trim35	MmuINT0165157	chr14	66922114	66922841	+	0.00257
Trim35	MmuINT0165158	chr14	66923073	66925862	+	0.004865
Trim35	MmuINT0165159	chr14	66925886	66926648	+	0.01076
Trim35	MmuINT0165160	chr14	66926768	66927571	+	0.017541
Trim37	MmuINT0165171	chr11	86940997	86943217	+	0.034464
Trim37	MmuINT0165172	chr11	86977372	86980103	+	0.061886
Trim37	MmuINT0165173	chr11	86980186	86980941	+	0.052667
Trim37	MmuINT0165175	chr11	86991531	86995922	+	0.037474
Trim37	MmuINT0165176	chr11	86996038	86998385	+	0.025707
Trim37	MmuINT0165177	chr11	86998605	86999880	+	0.029709
Trim37	MmuINT0165178	chr11	87000018	87003575	+	0.029668
Trim37	MmuINT0165179	chr11	87003662	87010322	+	0.05625
Trim37	MmuINT0165180	chr11	87010518	87014819	+	0.046866
Trim37	MmuINT0165181	chr11	87015129	87019434	+	0.054347
Trim37	MmuINT0165182	chr11	86943320	86951091	+	0.051207
Trim37	MmuINT0165183	chr11	87019558	87020265	+	0.095321
Trim37	MmuINT0165184	chr11	87020456	87023270	+	0.029493
Trim37	MmuINT0165185	chr11	87023390	87029938	+	0.035173
Trim37	MmuINT0165186	chr11	87030050	87031753	+	0.055186
Trim37	MmuINT0165187	chr11	86951133	86953986	+	0.048242
Trim37	MmuINT0165188	chr11	86954104	86956628	+	0.049118
Trim37	MmuINT0165189	chr11	86956717	86958965	+	0.033743
Trim37	MmuINT0165190	chr11	86959089	86960435	+	0.029952
Trim37	MmuINT0165191	chr11	86960560	86962797	+	0.052248
Trim37	MmuINT0165192	chr11	86962866	86973322	+	0.049506
Trim37	MmuINT0165193	chr11	86973448	86977320	+	0.052506
Trim39	MmuINT0165200	chr17	36404166	36405553	-	0.019572
Trim39	MmuINT0165201	chr17	36400905	36404069	-	0.023847
Trim39	MmuINT0165202	chr17	36399078	36400673	-	0.098474
Trim39	MmuINT0165203	chr17	36398552	36399054	-	0.026549
Trim39	MmuINT0165204	chr17	36397867	36398435	-	0.03453
Trim41	MmuINT0165211	chr11	48625898	48629344	-	0.106855
Trim41	MmuINT0165213	chr11	48621990	48622551	-	0.045113
Trim41	MmuINT0165214	chr11	48621755	48621966	-	0.154201
Trim41	MmuINT0165215	chr11	48621349	48621626	-	0.018417
Trim44	MmuINT0165235	chr2	1.02E+08	1.02E+08	-	0.007753
Trim44	MmuINT0165236	chr2	1.02E+08	1.02E+08	-	0.006575
Trim44	MmuINT0165237	chr2	1.02E+08	1.02E+08	-	0.006234
Trim44	MmuINT0165238	chr2	1.02E+08	1.02E+08	-	0.004055
Trim45	MmuINT0165239	chr3	1.01E+08	1.01E+08	+	0.033994
Trim45	MmuINT0165240	chr3	1.01E+08	1.01E+08	+	0.073572
Trim45	MmuINT0165241	chr3	1.01E+08	1.01E+08	+	0.036309
Trim45	MmuINT0165242	chr3	1.01E+08	1.01E+08	+	0.051328
Trim45	MmuINT0165243	chr3	1.01E+08	1.01E+08	+	0.045418
Trim47	MmuINT0165257	chr11	1.16E+08	1.16E+08	-	0.117113
Trim47	MmuINT0165258	chr11	1.16E+08	1.16E+08	-	0.07789
Trim47	MmuINT0165259	chr11	1.16E+08	1.16E+08	-	0.018299
Trim47	MmuINT0165260	chr11	1.16E+08	1.16E+08	-	0.192849

Trim47	MmuINT0165261	chr11	1.16E+08	1.16E+08	-	0.126337
Trim54	MmuINT0165267	chr5	31419451	31433414	+	0.001083
Trim54	MmuINT0165268	chr5	31433588	31434360	+	0.000927
Trim54	MmuINT0165269	chr5	31434533	31436422	+	0.003982
Trim54	MmuINT0165270	chr5	31436519	31438415	+	0.009483
Trim54	MmuINT0165271	chr5	31438650	31439125	+	0.001551
Trim54	MmuINT0165272	chr5	31439149	31439260	+	0.010127
Trim54	MmuINT0165273	chr5	31439386	31439493	+	0.009262
Trim54	MmuINT0165274	chr5	31439587	31439849	+	0.011306
Trim55	MmuINT0165275	chr3	19544777	19545273	+	0.001531
Trim55	MmuINT0165276	chr3	19545447	19559127	+	0.002789
Trim55	MmuINT0165277	chr3	19559294	19561784	+	0.003086
Trim55	MmuINT0165278	chr3	19561881	19570923	+	0.001768
Trim55	MmuINT0165279	chr3	19571158	19571406	+	0.002697
Trim55	MmuINT0165280	chr3	19571430	19571529	+	0.004122
Trim55	MmuINT0165281	chr3	19571655	19572755	+	0.005576
Trim55	MmuINT0165282	chr3	19572998	19574253	+	0.028628
Trim55	MmuINT0165283	chr3	19574542	19591476	+	0.196852
Trim56	MmuINT0165285	chr5	1.38E+08	1.38E+08	-	0.021794
Trim63	MmuINT0165309	chr4	1.34E+08	1.34E+08	+	0.001203
Trim63	MmuINT0165310	chr4	1.34E+08	1.34E+08	+	0.007932
Trim63	MmuINT0165311	chr4	1.34E+08	1.34E+08	+	0.001817
Trim63	MmuINT0165312	chr4	1.34E+08	1.34E+08	+	0.005074
Trim63	MmuINT0165313	chr4	1.34E+08	1.34E+08	+	0.016993
Trim63	MmuINT0165314	chr4	1.34E+08	1.34E+08	+	0.008003
Trim63	MmuINT0165315	chr4	1.34E+08	1.34E+08	+	0.041397
Trim63	MmuINT0165316	chr4	1.34E+08	1.34E+08	+	0.032899
Trim68	MmuINT0165351	chr7	1.1E+08	1.1E+08	-	0.048835
Trim68	MmuINT0165352	chr7	1.1E+08	1.1E+08	-	0.028889
Trim68	MmuINT0165353	chr7	1.1E+08	1.1E+08	-	0.200744
Trim68	MmuINT0165354	chr7	1.1E+08	1.1E+08	-	0.10693
Trim68	MmuINT0165355	chr7	1.1E+08	1.1E+08	-	0.184507
Trim68	MmuINT0165356	chr7	1.1E+08	1.1E+08	-	0.17952
Trim7	MmuINT0165365	chr11	48659169	48661016	+	0.277455
Trim7	MmuINT0165366	chr11	48661040	48661526	+	0.310363
Trim7	MmuINT0165367	chr11	48661643	48662074	+	0.112027
Trim7	MmuINT0165368	chr11	48662111	48662979	+	0.172821
Trim72	MmuINT0165372	chr7	1.35E+08	1.35E+08	+	0.003536
Trim72	MmuINT0165373	chr7	1.35E+08	1.35E+08	+	0.007828
Trim72	MmuINT0165374	chr7	1.35E+08	1.35E+08	+	0.021612
Trim72	MmuINT0165375	chr7	1.35E+08	1.35E+08	+	0.027267
Trim72	MmuINT0165376	chr7	1.35E+08	1.35E+08	+	0.025746
Trim8	MmuINT0165378	chr19	46577504	46587212	+	0.015924
Trim8	MmuINT0165379	chr19	46587309	46587597	+	0.005345
Trim8	MmuINT0165380	chr19	46587832	46588942	+	0.018356
Trim8	MmuINT0165381	chr19	46588975	46589111	+	0.007781
Trim8	MmuINT0165382	chr19	46589228	46589548	+	0.020456
Trio	MmuINT0165410	chr15	27801108	27811061	-	0.028015
Trio	MmuINT0165411	chr15	27785990	27800915	-	0.02709
Trio	MmuINT0165412	chr15	27784811	27785819	-	0.020525



Trio	MmuINT0165413	chr15	27781768	27784635	-	0.030754
Trio	MmuINT0165414	chr15	27780915	27781571	-	0.026645
Trio	MmuINT0165415	chr15	27778808	27780747	-	0.038321
Trio	MmuINT0165416	chr15	27777235	27778687	-	0.023021
Trio	MmuINT0165417	chr15	27776615	27777042	-	0.027187
Trio	MmuINT0165418	chr15	27774680	27776464	-	0.02523
Trio	MmuINT0165419	chr15	27771598	27774564	-	0.021954
Trio	MmuINT0165421	chr15	27768659	27771481	-	0.022958
Trio	MmuINT0165422	chr15	27762912	27768535	-	0.023499
Trio	MmuINT0165423	chr15	27762622	27762716	-	0.020655
Trio	MmuINT0165424	chr15	27761836	27762505	-	0.029452
Trio	MmuINT0165425	chr15	27761219	27761768	-	0.024682
Trio	MmuINT0165426	chr15	27760537	27761108	-	0.037628
Trio	MmuINT0165427	chr15	27759988	27760466	-	0.038328
Trio	MmuINT0165429	chr15	27755530	27758020	-	0.024344
Trio	MmuINT0165430	chr15	27753927	27755417	-	0.023432
Trio	MmuINT0165432	chr15	27751197	27753735	-	0.016656
Trio	MmuINT0165433	chr15	27748798	27751094	-	0.021422
Trio	MmuINT0165434	chr15	27747919	27748654	-	0.022202
Trio	MmuINT0165435	chr15	27735629	27747818	-	0.028195
Trio	MmuINT0165436	chr15	27703929	27735384	-	0.022379
Trio	MmuINT0165437	chr15	27702836	27703635	-	0.020381
Trio	MmuINT0165438	chr15	27700161	27702664	-	0.021015
Trio	MmuINT0165439	chr15	27697789	27700064	-	0.022736
Trio	MmuINT0165440	chr15	27695541	27697639	-	0.024156
Trio	MmuINT0165441	chr15	27693813	27695473	-	0.024279
Trio	MmuINT0165442	chr15	27832766	27834893	-	0.022463
Trio	MmuINT0165443	chr15	27688165	27693708	-	0.033634
Trio	MmuINT0165444	chr15	27686311	27688094	-	0.020754
Trio	MmuINT0165446	chr15	27683819	27684892	-	0.023688
Trio	MmuINT0165447	chr15	27683545	27683767	-	0.018726
Trio	MmuINT0165448	chr15	27682537	27683466	-	0.057834
Trio	MmuINT0165449	chr15	27679712	27682344	-	0.040657
Trio	MmuINT0165450	chr15	27678485	27679533	-	0.013924
Trio	MmuINT0165451	chr15	27673956	27677675	-	0.09059
Trio	MmuINT0165452	chr15	27672266	27673707	-	0.017486
Trio	MmuINT0165453	chr15	27831046	27832252	-	0.036554
Trio	MmuINT0165454	chr15	27671035	27672126	-	0.693989
Trio	MmuINT0165455	chr15	27670834	27671006	-	0.041352
Trio	MmuINT0165456	chr15	27670452	27670670	-	0.016193
Trio	MmuINT0165457	chr15	27666281	27670329	-	0.038238
Trio	MmuINT0165458	chr15	27665335	27666201	-	0.036619
Trio	MmuINT0165459	chr15	27663400	27665133	-	0.072641
Trio	MmuINT0165460	chr15	27662786	27663260	-	0.068342
Trio	MmuINT0165461	chr15	27827781	27830922	-	0.03817
Trio	MmuINT0165462	chr15	27821228	27827588	-	0.029147
Trio	MmuINT0165463	chr15	27819274	27821095	-	0.031774
Trio	MmuINT0165464	chr15	27811185	27819042	-	0.024905
Triobp	MmuINT0165471	chr15	78818379	78821246	+	0.017082
Triobp	MmuINT0165472	chr15	78821316	78821414	+	0.017365

Triobp	MmuINT0165473	chr15	78821505	78821758	+	0.019152
Triobp	MmuINT0165474	chr15	78821869	78823333	+	0.017447
Triobp	MmuINT0165475	chr15	78823863	78824471	+	0.01391
Triobp	MmuINT0165476	chr15	78824583	78830226	+	0.084493
Triobp	MmuINT0165477	chr15	78830375	78831950	+	0.014949
Triobp	MmuINT0165478	chr15	78832054	78832477	+	0.013927
Triobp	MmuINT0165480	chr15	78832638	78832714	+	0.009417
Triobp	MmuINT0165481	chr15	78832829	78834135	+	0.017318
Triobp	MmuINT0165482	chr15	78834223	78834874	+	0.010774
Trip10	MmuINT0165489	chr17	57388995	57390164	+	0.0193
Trip10	MmuINT0165490	chr17	57396768	57400712	+	0.039263
Trip10	MmuINT0165491	chr17	57400846	57401062	+	0.013426
Trip10	MmuINT0165492	chr17	57401212	57401776	+	0.008217
Trip10	MmuINT0165493	chr17	57401896	57402422	+	0.002171
Trip10	MmuINT0165494	chr17	57390281	57390377	+	0.004846
Trip10	MmuINT0165495	chr17	57390435	57392684	+	0.017014
Trip10	MmuINT0165496	chr17	57392833	57392919	+	0.005733
Trip10	MmuINT0165497	chr17	57392983	57393479	+	0.013256
Trip10	MmuINT0165498	chr17	57393585	57393682	+	0.004045
Trip10	MmuINT0165499	chr17	57393812	57394440	+	0.002574
Trip10	MmuINT0165500	chr17	57394588	57394695	+	0.005163
Trip10	MmuINT0165501	chr17	57394891	57396657	+	0.460315
Trip11	MmuINT0165502	chr12	1.03E+08	1.03E+08	-	0.047055
Trip11	MmuINT0165503	chr12	1.03E+08	1.03E+08	-	0.013798
Trip11	MmuINT0165504	chr12	1.03E+08	1.03E+08	-	0.021048
Trip11	MmuINT0165505	chr12	1.03E+08	1.03E+08	-	0.012456
Trip11	MmuINT0165506	chr12	1.03E+08	1.03E+08	-	0.018967
Trip11	MmuINT0165507	chr12	1.03E+08	1.03E+08	-	0.020995
Trip11	MmuINT0165508	chr12	1.03E+08	1.03E+08	-	0.016091
Trip11	MmuINT0165509	chr12	1.03E+08	1.03E+08	-	0.032003
Trip11	MmuINT0165510	chr12	1.03E+08	1.03E+08	-	0.015106
Trip11	MmuINT0165511	chr12	1.03E+08	1.03E+08	-	0.017506
Trip11	MmuINT0165512	chr12	1.03E+08	1.03E+08	-	0.015266
Trip11	MmuINT0165513	chr12	1.03E+08	1.03E+08	-	0.035753
Trip11	MmuINT0165514	chr12	1.03E+08	1.03E+08	-	0.057178
Trip11	MmuINT0165515	chr12	1.03E+08	1.03E+08	-	0.02589
Trip11	MmuINT0165516	chr12	1.03E+08	1.03E+08	-	0.029194
Trip11	MmuINT0165517	chr12	1.03E+08	1.03E+08	-	0.040975
Trip11	MmuINT0165518	chr12	1.03E+08	1.03E+08	-	0.033021
Trip11	MmuINT0165519	chr12	1.03E+08	1.03E+08	-	0.232213
Trip11	MmuINT0165520	chr12	1.03E+08	1.03E+08	-	0.027192
Trip11	MmuINT0165521	chr12	1.03E+08	1.03E+08	-	0.01902
Trip12	MmuINT0165522	chr1	84811545	84835803	-	0.007007
Trip12	MmuINT0165523	chr1	84760507	84762554	-	0.006037
Trip12	MmuINT0165524	chr1	84760065	84760413	-	0.008143
Trip12	MmuINT0165525	chr1	84758763	84759902	-	0.005641
Trip12	MmuINT0165526	chr1	84758605	84758693	-	0.005656
Trip12	MmuINT0165527	chr1	84757704	84758438	-	0.00558
Trip12	MmuINT0165528	chr1	84757495	84757585	-	0.003622
Trip12	MmuINT0165529	chr1	84755703	84757337	-	0.011644

Trip12	MmuINT0165530	chr1	84754526	84755548	-	0.005005
Trip12	MmuINT0165531	chr1	84754111	84754296	-	0.004493
Trip12	MmuINT0165532	chr1	84751054	84753991	-	0.004048
Trip12	MmuINT0165534	chr1	84748556	84750845	-	0.0045
Trip12	MmuINT0165535	chr1	84748289	84748454	-	0.004739
Trip12	MmuINT0165536	chr1	84747075	84748113	-	0.004655
Trip12	MmuINT0165537	chr1	84745925	84746932	-	0.002598
Trip12	MmuINT0165538	chr1	84743905	84745732	-	0.009297
Trip12	MmuINT0165539	chr1	84741761	84743752	-	0.01784
Trip12	MmuINT0165540	chr1	84741327	84741587	-	0.007896
Trip12	MmuINT0165541	chr1	84740595	84741252	-	0.003388
Trip12	MmuINT0165542	chr1	84739797	84740394	-	0.002579
Trip12	MmuINT0165543	chr1	84738914	84739668	-	0.006068
Trip12	MmuINT0165544	chr1	84782772	84790099	-	0.004869
Trip12	MmuINT0165545	chr1	84736232	84738761	-	0.006508
Trip12	MmuINT0165546	chr1	84735410	84736088	-	0.004746
Trip12	MmuINT0165547	chr1	84733656	84735252	-	0.003725
Trip12	MmuINT0165550	chr1	84727272	84728197	-	0.004506
Trip12	MmuINT0165551	chr1	84724865	84727106	-	0.006898
Trip12	MmuINT0165552	chr1	84722892	84724699	-	0.00221
Trip12	MmuINT0165553	chr1	84722406	84722777	-	0.003862
Trip12	MmuINT0165554	chr1	84722075	84722310	-	0.00322
Trip12	MmuINT0165555	chr1	84779539	84782665	-	0.00451
Trip12	MmuINT0165556	chr1	84721390	84721970	-	0.004762
Trip12	MmuINT0165557	chr1	84774083	84779401	-	0.008875
Trip12	MmuINT0165558	chr1	84772988	84773998	-	0.006971
Trip12	MmuINT0165559	chr1	84765307	84772891	-	0.004069
Trip12	MmuINT0165560	chr1	84762770	84765157	-	0.006595
Trip12	MmuINT0165561	chr1	84762651	84762733	-	0.007523
Trip4	MmuINT0165576	chr9	65706180	65712010	-	0.014644
Trip4	MmuINT0165577	chr9	65705319	65706052	-	0.024525
Trip4	MmuINT0165578	chr9	65700758	65705130	-	0.065869
Trip4	MmuINT0165579	chr9	65699266	65700632	-	0.014637
Trip4	MmuINT0165580	chr9	65686845	65699173	-	0.029176
Trip4	MmuINT0165581	chr9	65681256	65686741	-	0.024617
Trip4	MmuINT0165584	chr9	65727016	65728697	-	0.010172
Trip4	MmuINT0165585	chr9	65722851	65726881	-	0.018156
Trip4	MmuINT0165586	chr9	65720985	65722637	-	0.01393
Trip4	MmuINT0165587	chr9	65714409	65720905	-	0.016258
Trip4	MmuINT0165588	chr9	65712227	65714278	-	0.011878
Trip6	MmuINT0165589	chr5	1.38E+08	1.38E+08	-	0.038258
Trip6	MmuINT0165590	chr5	1.38E+08	1.38E+08	-	0.040887
Trip6	MmuINT0165591	chr5	1.38E+08	1.38E+08	-	0.083396
Trip6	MmuINT0165592	chr5	1.38E+08	1.38E+08	-	0.146015
Trip6	MmuINT0165593	chr5	1.38E+08	1.38E+08	-	0.016036
Trip6	MmuINT0165594	chr5	1.38E+08	1.38E+08	-	0.038443
Trip6	MmuINT0165595	chr5	1.38E+08	1.38E+08	-	0.205351
Trip6	MmuINT0165596	chr5	1.38E+08	1.38E+08	-	0.011677
Trit1	MmuINT0165597	chr4	1.23E+08	1.23E+08	+	0.04017
Trit1	MmuINT0165598	chr4	1.23E+08	1.23E+08	+	0.028529

Trit1	MmuINT0165599	chr4	1.23E+08	1.23E+08	+	0.064548
Trit1	MmuINT0165600	chr4	1.23E+08	1.23E+08	+	0.037229
Trit1	MmuINT0165601	chr4	1.23E+08	1.23E+08	+	0.185008
Trit1	MmuINT0165602	chr4	1.23E+08	1.23E+08	+	0.095735
Trit1	MmuINT0165603	chr4	1.23E+08	1.23E+08	+	0.094771
Trit1	MmuINT0165604	chr4	1.23E+08	1.23E+08	+	0.107363
Trit1	MmuINT0165605	chr4	1.23E+08	1.23E+08	+	0.084852
Trit1	MmuINT0165606	chr4	1.23E+08	1.23E+08	+	0.072399
Trmt1	MmuINT0165608	chr8	87221238	87221323	+	0.008905
Trmt1	MmuINT0165609	chr8	87221459	87221544	+	0.0199
Trmt1	MmuINT0165610	chr8	87221631	87222083	+	0.033854
Trmt1	MmuINT0165611	chr8	87222193	87222291	+	0.013926
Trmt1	MmuINT0165612	chr8	87222369	87223037	+	0.057107
Trmt1	MmuINT0165613	chr8	87223158	87223239	+	0.02113
Trmt1	MmuINT0165614	chr8	87223370	87223501	+	0.070544
Trmt1	MmuINT0165615	chr8	87214472	87214709	+	0.224724
Trmt1	MmuINT0165616	chr8	87214847	87215150	+	0.012922
Trmt1	MmuINT0165617	chr8	87215339	87219120	+	0.027192
Trmt1	MmuINT0165618	chr8	87219237	87219326	+	0.054397
Trmt1	MmuINT0165619	chr8	87219440	87220725	+	0.111673
Trmt1	MmuINT0165620	chr8	87220875	87221013	+	0.043316
Trmt1	MmuINT0165621	chr8	87221101	87221167	+	0.020671
Trmt11	MmuINT0165622	chr10	30317612	30320395	-	0.03614
Trmt11	MmuINT0165623	chr10	30278857	30278969	-	0.022428
Trmt11	MmuINT0165624	chr10	30267584	30278724	-	0.034399
Trmt11	MmuINT0165625	chr10	30255051	30267462	-	0.017772
Trmt11	MmuINT0165626	chr10	30313995	30317545	-	0.036387
Trmt11	MmuINT0165627	chr10	30310909	30313920	-	0.052918
Trmt11	MmuINT0165628	chr10	30310742	30310826	-	0.042048
Trmt11	MmuINT0165629	chr10	30309966	30310648	-	0.020926
Trmt11	MmuINT0165630	chr10	30307402	30309830	-	0.022059
Trmt11	MmuINT0165631	chr10	30286313	30307244	-	0.025973
Trmt11	MmuINT0165632	chr10	30280789	30286231	-	0.033059
Trmt11	MmuINT0165633	chr10	30279043	30280623	-	0.030186
Trmt2a	MmuINT0165637	chr16	18249392	18249578	+	0.722142
Trmt2a	MmuINT0165638	chr16	18252929	18253016	+	0.1966
Trmt2a	MmuINT0165639	chr16	18253114	18253192	+	0.135857
Trmt2a	MmuINT0165640	chr16	18250127	18250546	+	0.018324
Trmt2a	MmuINT0165641	chr16	18250656	18250912	+	0.065269
Trmt2a	MmuINT0165642	chr16	18251095	18251248	+	0.215843
Trmt2a	MmuINT0165643	chr16	18251364	18251451	+	0.232522
Trmt2a	MmuINT0165644	chr16	18251568	18251641	+	0.259738
Trmt2a	MmuINT0165645	chr16	18251754	18252218	+	0.072468
Trmt2a	MmuINT0165646	chr16	18252342	18252494	+	0.114815
Trmt2a	MmuINT0165647	chr16	18252571	18252811	+	0.212295
Trmt2b	MmuINT0165650	chrX	1.31E+08	1.31E+08	-	0.008527
Trmt2b	MmuINT0165651	chrX	1.31E+08	1.31E+08	-	0.016533
Trmt2b	MmuINT0165652	chrX	1.31E+08	1.31E+08	-	0.024476
Trmt2b	MmuINT0165653	chrX	1.31E+08	1.31E+08	-	0.003946
Trmt2b	MmuINT0165657	chrX	1.31E+08	1.31E+08	-	0.004428

Trmt2b	MmuINT0165658	chrX	1.31E+08	1.31E+08	-	0.004622
Trmt2b	MmuINT0165659	chrX	1.31E+08	1.31E+08	-	0.004694
Trmt2b	MmuINT0165660	chrX	1.31E+08	1.31E+08	-	0.004346
Trmt2b	MmuINT0165661	chrX	1.31E+08	1.31E+08	-	0.005054
Trmt5	MmuINT0165663	chr12	74386263	74387670	-	0.035266
Trmt5	MmuINT0165664	chr12	74383724	74385621	-	0.005578
Trmt5	MmuINT0165665	chr12	74382644	74383598	-	0.035677
Trmt5	MmuINT0165666	chr12	74381620	74381991	-	0.030406
Trmt6	MmuINT0165667	chr2	1.33E+08	1.33E+08	-	0.090158
Trmt6	MmuINT0165668	chr2	1.33E+08	1.33E+08	-	0.04501
Trmt6	MmuINT0165669	chr2	1.33E+08	1.33E+08	-	0.048573
Trmt6	MmuINT0165670	chr2	1.33E+08	1.33E+08	-	0.064344
Trmt6	MmuINT0165671	chr2	1.33E+08	1.33E+08	-	0.035901
Trmt6	MmuINT0165672	chr2	1.33E+08	1.33E+08	-	0.041854
Trmt6	MmuINT0165673	chr2	1.33E+08	1.33E+08	-	0.029871
Trmt6	MmuINT0165674	chr2	1.33E+08	1.33E+08	-	0.021297
Trmt6	MmuINT0165675	chr2	1.33E+08	1.33E+08	-	0.033869
Trmt6	MmuINT0165676	chr2	1.33E+08	1.33E+08	-	0.015801
Trmt61a	MmuINT0165678	chr12	1.13E+08	1.13E+08	+	0.150247
Trmu	MmuINT0165684	chr15	85709889	85713103	+	0.009898
Trmu	MmuINT0165685	chr15	85727348	85727454	+	0.027529
Trmu	MmuINT0165686	chr15	85713270	85715515	+	0.012515
Trmu	MmuINT0165687	chr15	85715623	85720634	+	0.017416
Trmu	MmuINT0165688	chr15	85720758	85722996	+	0.03285
Trmu	MmuINT0165689	chr15	85723170	85724255	+	0.02004
Trmu	MmuINT0165690	chr15	85724310	85724383	+	0.188807
Trmu	MmuINT0165691	chr15	85724451	85725355	+	0.209544
Trmu	MmuINT0165692	chr15	85725457	85726789	+	0.096024
Trmu	MmuINT0165693	chr15	85726935	85727264	+	0.14018
Trnau1ap	MmuINT0165694	chr4	1.32E+08	1.32E+08	-	0.014231
Trnau1ap	MmuINT0165695	chr4	1.32E+08	1.32E+08	-	0.055139
Trnau1ap	MmuINT0165696	chr4	1.32E+08	1.32E+08	-	0.066862
Trnau1ap	MmuINT0165697	chr4	1.32E+08	1.32E+08	-	0.010099
Trnau1ap	MmuINT0165698	chr4	1.32E+08	1.32E+08	-	0.007228
Trnau1ap	MmuINT0165699	chr4	1.32E+08	1.32E+08	-	0.01679
Trnau1ap	MmuINT0165700	chr4	1.32E+08	1.32E+08	-	0.007486
Trnau1ap	MmuINT0165701	chr4	1.32E+08	1.32E+08	-	0.021732
Trnt1	MmuINT0165703	chr6	1.07E+08	1.07E+08	+	0.0553
Trnt1	MmuINT0165704	chr6	1.07E+08	1.07E+08	+	0.010526
Trnt1	MmuINT0165705	chr6	1.07E+08	1.07E+08	+	0.008588
Trnt1	MmuINT0165706	chr6	1.07E+08	1.07E+08	+	0.009752
Trnt1	MmuINT0165707	chr6	1.07E+08	1.07E+08	+	0.030999
Trnt1	MmuINT0165708	chr6	1.07E+08	1.07E+08	+	0.270561
Trove2	MmuINT0165735	chr1	1.46E+08	1.46E+08	-	0.045402
Trove2	MmuINT0165736	chr1	1.46E+08	1.46E+08	-	0.036454
Trove2	MmuINT0165737	chr1	1.46E+08	1.46E+08	-	0.036244
Trove2	MmuINT0165738	chr1	1.46E+08	1.46E+08	-	0.044082
Trove2	MmuINT0165739	chr1	1.46E+08	1.46E+08	-	0.041252
Trove2	MmuINT0165740	chr1	1.46E+08	1.46E+08	-	0.067858
Trove2	MmuINT0165741	chr1	1.46E+08	1.46E+08	-	0.061899

Trove2	MmulINT0165742	chr1	1.46E+08	1.46E+08	-	0.032433
Trp53	MmulINT0165743	chr11	69394018	69400392	+	0.093599
Trp53	MmulINT0165744	chr11	69404265	69404755	+	0.546982
Trp53	MmulINT0165747	chr11	69401135	69401865	+	0.094256
Trp53	MmulINT0165749	chr11	69402241	69402642	+	0.017856
Trp53	MmulINT0165751	chr11	69403212	69403290	+	0.07803
Trp53bp1	MmulINT0165758	chr2	1.21E+08	1.21E+08	-	0.058962
Trp53bp1	MmulINT0165761	chr2	1.21E+08	1.21E+08	-	0.020238
Trp53bp1	MmulINT0165763	chr2	1.21E+08	1.21E+08	-	0.147172
Trp53bp1	MmulINT0165764	chr2	1.21E+08	1.21E+08	-	0.023281
Trp53bp1	MmulINT0165765	chr2	1.21E+08	1.21E+08	-	0.035411
Trp53bp1	MmulINT0165766	chr2	1.21E+08	1.21E+08	-	0.041793
Trp53bp1	MmulINT0165767	chr2	1.21E+08	1.21E+08	-	0.018156
Trp53bp1	MmulINT0165768	chr2	1.21E+08	1.21E+08	-	0.083213
Trp53bp1	MmulINT0165769	chr2	1.21E+08	1.21E+08	-	0.068287
Trp53bp1	MmulINT0165770	chr2	1.21E+08	1.21E+08	-	0.05539
Trp53bp1	MmulINT0165771	chr2	1.21E+08	1.21E+08	-	0.045231
Trp53bp1	MmulINT0165772	chr2	1.21E+08	1.21E+08	-	0.321482
Trp53bp2	MmulINT0165780	chr1	1.84E+08	1.84E+08	+	0.033384
Trp53bp2	MmulINT0165781	chr1	1.84E+08	1.84E+08	+	0.034909
Trp53bp2	MmulINT0165782	chr1	1.84E+08	1.84E+08	+	0.035401
Trp53bp2	MmulINT0165783	chr1	1.84E+08	1.84E+08	+	0.018176
Trp53bp2	MmulINT0165784	chr1	1.84E+08	1.84E+08	+	0.029241
Trp53bp2	MmulINT0165785	chr1	1.84E+08	1.84E+08	+	0.030231
Trp53bp2	MmulINT0165786	chr1	1.84E+08	1.84E+08	+	0.034305
Trp53bp2	MmulINT0165787	chr1	1.84E+08	1.84E+08	+	0.025452
Trp53bp2	MmulINT0165788	chr1	1.84E+08	1.84E+08	+	0.026104
Trp53bp2	MmulINT0165789	chr1	1.84E+08	1.84E+08	+	0.036997
Trp53bp2	MmulINT0165790	chr1	1.84E+08	1.84E+08	+	0.060798
Trp53bp2	MmulINT0165791	chr1	1.84E+08	1.84E+08	+	0.04022
Trp53bp2	MmulINT0165792	chr1	1.84E+08	1.84E+08	+	0.025682
Trp53bp2	MmulINT0165793	chr1	1.84E+08	1.84E+08	+	0.021328
Trp53bp2	MmulINT0165794	chr1	1.84E+08	1.84E+08	+	0.025425
Trp53bp2	MmulINT0165795	chr1	1.84E+08	1.84E+08	+	0.040104
Trp53bp2	MmulINT0165796	chr1	1.84E+08	1.84E+08	+	0.031877
Trp53i11	MmulINT0165797	chr2	93027905	93037053	+	0.057278
Trp53i11	MmulINT0165798	chr2	93037136	93037768	+	0.458518
Trp53i11	MmulINT0165799	chr2	93037906	93038419	+	0.01568
Trp53i11	MmulINT0165800	chr2	93038479	93038695	+	0.034411
Trp53i11	MmulINT0165801	chr2	93038745	93039051	+	0.021777
Trp53i11	MmulINT0165802	chr2	93039149	93039513	+	0.056598
Trp53i11	MmulINT0165803	chr2	93039616	93039942	+	0.020645
Trp53i13	MmulINT0165804	chr11	77326468	77326661	-	0.10175
Trp53i13	MmulINT0165805	chr11	77326197	77326398	-	0.361186
Trp53i13	MmulINT0165806	chr11	77323229	77326154	-	0.173183
Trp53i13	MmulINT0165807	chr11	77322776	77323099	-	0.235546
Trp53i13	MmulINT0165808	chr11	77322494	77322577	-	0.383269
Trp53i13	MmulINT0165809	chr11	77321880	77321958	-	0.339028
Trp53inp1	MmulINT0165810	chr4	11083695	11091457	+	0.051979
Trp53inp1	MmulINT0165811	chr4	11091717	11092236	+	0.084005

Trp53inp1	MmuINT0165812	chr4	11092595	11096856	+	0.125398
Trp53inp2	MmuINT0165813	chr2	1.55E+08	1.55E+08	+	0.012652
Trp53inp2	MmuINT0165814	chr2	1.55E+08	1.55E+08	+	0.010104
Trp53inp2	MmuINT0165815	chr2	1.55E+08	1.55E+08	+	0.00228
Trpc1	MmuINT0165875	chr9	95609267	95610534	-	0.080442
Trpc1	MmuINT0165876	chr9	95608815	95609064	-	0.086323
Trpc1	MmuINT0165877	chr9	95607387	95608619	-	0.038593
Trpc1	MmuINT0165881	chr9	95623710	95626843	-	0.055203
Trpc1	MmuINT0165882	chr9	95621889	95623513	-	0.036705
Trpc1	MmuINT0165883	chr9	95618079	95621551	-	0.087955
Trpc1	MmuINT0165884	chr9	95616646	95617938	-	0.041317
Trpc1	MmuINT0165885	chr9	95610711	95616501	-	0.09069
Trpc2	MmuINT0165898	chr7	1.09E+08	1.09E+08	+	0.03283
Trpc2	MmuINT0165902	chr7	1.09E+08	1.09E+08	+	0.052565
Trpc2	MmuINT0165903	chr7	1.09E+08	1.09E+08	+	0.042205
Trpc2	MmuINT0165904	chr7	1.09E+08	1.09E+08	+	0.045534
Trpc2	MmuINT0165905	chr7	1.09E+08	1.09E+08	+	0.29779
Trpc2	MmuINT0165906	chr7	1.09E+08	1.09E+08	+	0.327742
Trpc2	MmuINT0165907	chr7	1.09E+08	1.09E+08	+	0.178677
Trpc2	MmuINT0165908	chr7	1.09E+08	1.09E+08	+	0.042541
Trpc3	MmuINT0165911	chr3	36520320	36523266	-	0.116338
Trpc3	MmuINT0165919	chr3	36533381	36537333	-	0.170199
Trpc4ap	MmuINT0165932	chr2	1.55E+08	1.55E+08	-	0.003562
Trpc4ap	MmuINT0165933	chr2	1.55E+08	1.55E+08	-	0.011789
Trpc4ap	MmuINT0165934	chr2	1.55E+08	1.55E+08	-	0.012712
Trpc4ap	MmuINT0165935	chr2	1.55E+08	1.55E+08	-	0.007919
Trpc4ap	MmuINT0165936	chr2	1.55E+08	1.55E+08	-	0.031452
Trpc4ap	MmuINT0165937	chr2	1.55E+08	1.55E+08	-	0.021023
Trpc4ap	MmuINT0165938	chr2	1.55E+08	1.55E+08	-	0.007556
Trpc4ap	MmuINT0165939	chr2	1.55E+08	1.55E+08	-	0.003902
Trpc4ap	MmuINT0165940	chr2	1.55E+08	1.55E+08	-	0.013865
Trpc4ap	MmuINT0165941	chr2	1.55E+08	1.55E+08	-	0.003081
Trpc4ap	MmuINT0165942	chr2	1.55E+08	1.55E+08	-	0.002735
Trpc4ap	MmuINT0165943	chr2	1.55E+08	1.55E+08	-	0.003313
Trpc4ap	MmuINT0165944	chr2	1.55E+08	1.55E+08	-	0.003984
Trpc4ap	MmuINT0165945	chr2	1.55E+08	1.55E+08	-	0.002645
Trpc4ap	MmuINT0165946	chr2	1.55E+08	1.55E+08	-	0.001332
Trpc4ap	MmuINT0165947	chr2	1.55E+08	1.55E+08	-	0.002725
Trpm4	MmuINT0166067	chr7	52574051	52574611	-	0.01468
Trpm4	MmuINT0166068	chr7	52573541	52573708	-	0.023263
Trpm4	MmuINT0166069	chr7	52572506	52573405	-	0.015264
Trpm4	MmuINT0166070	chr7	52572291	52572375	-	0.02117
Trpm4	MmuINT0166071	chr7	52570464	52572144	-	0.024465
Trpm4	MmuINT0166072	chr7	52570043	52570350	-	0.101957
Trpm4	MmuINT0166073	chr7	52566070	52569964	-	0.125057
Trpm4	MmuINT0166074	chr7	52564601	52565646	-	0.012799
Trpm4	MmuINT0166075	chr7	52564089	52564467	-	0.013779
Trpm4	MmuINT0166076	chr7	52563792	52563913	-	0.042428
Trpm4	MmuINT0166078	chr7	52560865	52563613	-	0.113893
Trpm4	MmuINT0166079	chr7	52560451	52560658	-	0.150535

Trpm4	MmuINT0166080	chr7	52560238	52560317	-	0.030469
Trpm4	MmuINT0166081	chr7	52560085	52560164	-	0.013614
Trpm4	MmuINT0166082	chr7	52559063	52559978	-	0.062847
Trpm4	MmuINT0166085	chr7	52582117	52582346	-	0.013787
Trpm4	MmuINT0166087	chr7	52577561	52577690	-	0.024466
Trpm4	MmuINT0166088	chr7	52577258	52577368	-	0.031759
Trpm4	MmuINT0166089	chr7	52574725	52577157	-	0.01952
Trpm7	MmuINT0166152	chr2	1.27E+08	1.27E+08	-	0.015854
Trpm7	MmuINT0166153	chr2	1.27E+08	1.27E+08	-	0.018553
Trpm7	MmuINT0166155	chr2	1.27E+08	1.27E+08	-	0.020353
Trpm7	MmuINT0166156	chr2	1.27E+08	1.27E+08	-	0.026177
Trpm7	MmuINT0166157	chr2	1.27E+08	1.27E+08	-	0.024944
Trpm7	MmuINT0166160	chr2	1.27E+08	1.27E+08	-	0.011268
Trpm7	MmuINT0166161	chr2	1.27E+08	1.27E+08	-	0.011681
Trpm7	MmuINT0166162	chr2	1.27E+08	1.27E+08	-	0.039086
Trpm7	MmuINT0166163	chr2	1.27E+08	1.27E+08	-	0.029931
Trpm7	MmuINT0166164	chr2	1.27E+08	1.27E+08	-	0.017239
Trpm7	MmuINT0166165	chr2	1.27E+08	1.27E+08	-	0.341987
Trpm7	MmuINT0166166	chr2	1.27E+08	1.27E+08	-	0.015229
Trpm7	MmuINT0166167	chr2	1.27E+08	1.27E+08	-	0.012584
Trpm7	MmuINT0166168	chr2	1.27E+08	1.27E+08	-	0.012128
Trpm7	MmuINT0166169	chr2	1.27E+08	1.27E+08	-	0.00799
Trpm7	MmuINT0166170	chr2	1.27E+08	1.27E+08	-	0.013273
Trpm7	MmuINT0166171	chr2	1.27E+08	1.27E+08	-	0.020919
Trpm7	MmuINT0166172	chr2	1.27E+08	1.27E+08	-	0.015078
Trpm7	MmuINT0166173	chr2	1.27E+08	1.27E+08	-	0.015436
Trpm7	MmuINT0166174	chr2	1.27E+08	1.27E+08	-	0.039363
Trpm7	MmuINT0166175	chr2	1.27E+08	1.27E+08	-	0.03831
Trpm7	MmuINT0166176	chr2	1.27E+08	1.27E+08	-	0.056032
Trpm7	MmuINT0166177	chr2	1.27E+08	1.27E+08	-	0.068101
Trpm7	MmuINT0166178	chr2	1.27E+08	1.27E+08	-	0.01309
Trpm7	MmuINT0166179	chr2	1.27E+08	1.27E+08	-	0.040197
Trpm7	MmuINT0166180	chr2	1.27E+08	1.27E+08	-	0.070239
Trpm7	MmuINT0166181	chr2	1.27E+08	1.27E+08	-	0.010145
Trpm7	MmuINT0166182	chr2	1.27E+08	1.27E+08	-	0.036886
Trpm7	MmuINT0166183	chr2	1.27E+08	1.27E+08	-	0.013516
Trpm7	MmuINT0166184	chr2	1.27E+08	1.27E+08	-	0.013993
Trpm7	MmuINT0166186	chr2	1.27E+08	1.27E+08	-	0.01549
Trpm7	MmuINT0166187	chr2	1.27E+08	1.27E+08	-	0.015207
Trpt1	MmuINT0166220	chr19	7071015	7071185	+	0.007943
Trpt1	MmuINT0166221	chr19	7071268	7072422	+	0.12066
Trpt1	MmuINT0166222	chr19	7072593	7072681	+	0.044594
Trpt1	MmuINT0166223	chr19	7072857	7072998	+	0.050076
Trpt1	MmuINT0166224	chr19	7073056	7073147	+	0.014418
Trpt1	MmuINT0166225	chr19	7073259	7073381	+	0.023673
Trpv2	MmuINT0166244	chr11	62407722	62408424	+	0.069488
Trpv2	MmuINT0166245	chr11	62408754	62410411	+	0.069068
Trpv2	MmuINT0166246	chr11	62410540	62411735	+	0.061944
Trpv2	MmuINT0166247	chr11	62411816	62413610	+	0.084888
Trpv4	MmuINT0166274	chr5	1.15E+08	1.15E+08	-	0.103761



Trpv4	MmuINT0166275	chr5	1.15E+08	1.15E+08	-	0.106446
Trpv4	MmuINT0166276	chr5	1.15E+08	1.15E+08	-	0.066122
Trpv4	MmuINT0166277	chr5	1.15E+08	1.15E+08	-	0.089521
Trpv4	MmuINT0166278	chr5	1.15E+08	1.15E+08	-	0.046038
Trpv4	MmuINT0166279	chr5	1.15E+08	1.15E+08	-	0.041531
Trpv4	MmuINT0166281	chr5	1.15E+08	1.15E+08	-	0.212497
Trpv4	MmuINT0166284	chr5	1.15E+08	1.15E+08	-	0.276639
Trpv4	MmuINT0166285	chr5	1.15E+08	1.15E+08	-	0.090878
Trpv4	MmuINT0166286	chr5	1.15E+08	1.15E+08	-	0.05797
Trpv4	MmuINT0166287	chr5	1.15E+08	1.15E+08	-	0.131998
Trrap	MmuINT0166329	chr5	1.46E+08	1.46E+08	+	0.026614
Trrap	MmuINT0166330	chr5	1.46E+08	1.46E+08	+	0.026758
Trrap	MmuINT0166331	chr5	1.46E+08	1.46E+08	+	0.028824
Trrap	MmuINT0166333	chr5	1.46E+08	1.46E+08	+	0.020544
Trrap	MmuINT0166336	chr5	1.46E+08	1.46E+08	+	0.032904
Trrap	MmuINT0166337	chr5	1.46E+08	1.46E+08	+	0.025997
Trrap	MmuINT0166339	chr5	1.46E+08	1.46E+08	+	0.027634
Trrap	MmuINT0166344	chr5	1.46E+08	1.46E+08	+	0.019644
Trrap	MmuINT0166345	chr5	1.46E+08	1.46E+08	+	0.01938
Trrap	MmuINT0166346	chr5	1.46E+08	1.46E+08	+	0.025496
Trrap	MmuINT0166347	chr5	1.46E+08	1.46E+08	+	0.017069
Trrap	MmuINT0166348	chr5	1.46E+08	1.46E+08	+	0.020215
Trrap	MmuINT0166350	chr5	1.46E+08	1.46E+08	+	0.026958
Trrap	MmuINT0166351	chr5	1.46E+08	1.46E+08	+	0.051631
Trrap	MmuINT0166352	chr5	1.46E+08	1.46E+08	+	0.030067
Trrap	MmuINT0166353	chr5	1.46E+08	1.46E+08	+	0.026012
Trrap	MmuINT0166355	chr5	1.46E+08	1.46E+08	+	0.020833
Trrap	MmuINT0166356	chr5	1.46E+08	1.46E+08	+	0.024184
Trrap	MmuINT0166357	chr5	1.46E+08	1.46E+08	+	0.01251
Trrap	MmuINT0166358	chr5	1.46E+08	1.46E+08	+	0.016914
Trrap	MmuINT0166359	chr5	1.46E+08	1.46E+08	+	0.019028
Trrap	MmuINT0166361	chr5	1.46E+08	1.46E+08	+	0.014447
Trrap	MmuINT0166362	chr5	1.46E+08	1.46E+08	+	0.019205
Trrap	MmuINT0166363	chr5	1.46E+08	1.46E+08	+	0.022509
Trrap	MmuINT0166364	chr5	1.46E+08	1.46E+08	+	0.018507
Trrap	MmuINT0166365	chr5	1.46E+08	1.46E+08	+	0.022816
Trrap	MmuINT0166366	chr5	1.46E+08	1.46E+08	+	0.034277
Trrap	MmuINT0166367	chr5	1.46E+08	1.46E+08	+	0.018144
Trrap	MmuINT0166368	chr5	1.46E+08	1.46E+08	+	0.153642
Trrap	MmuINT0166369	chr5	1.46E+08	1.46E+08	+	0.185411
Trrap	MmuINT0166370	chr5	1.46E+08	1.46E+08	+	0.016576
Trrap	MmuINT0166372	chr5	1.46E+08	1.46E+08	+	0.013823
Trrap	MmuINT0166373	chr5	1.46E+08	1.46E+08	+	0.014232
Trrap	MmuINT0166374	chr5	1.46E+08	1.46E+08	+	0.021131
Trrap	MmuINT0166375	chr5	1.46E+08	1.46E+08	+	0.012295
Trrap	MmuINT0166376	chr5	1.46E+08	1.46E+08	+	0.01511
Trrap	MmuINT0166377	chr5	1.46E+08	1.46E+08	+	0.012286
Trrap	MmuINT0166378	chr5	1.46E+08	1.46E+08	+	0.011986
Trrap	MmuINT0166379	chr5	1.46E+08	1.46E+08	+	0.017937
Trrap	MmuINT0166380	chr5	1.46E+08	1.46E+08	+	0.113601

Trrap	MmuINT0166381	chr5	1.46E+08	1.46E+08	+	0.12974
Trrap	MmuINT0166383	chr5	1.46E+08	1.46E+08	+	0.010594
Trub1	MmuINT0166386	chr19	57561812	57562498	+	0.229189
Trub1	MmuINT0166387	chr19	57527687	57532579	+	0.030183
Trub1	MmuINT0166388	chr19	57532679	57538859	+	0.031599
Trub1	MmuINT0166389	chr19	57538916	57547188	+	0.033359
Trub1	MmuINT0166390	chr19	57547271	57558070	+	0.06226
Trub1	MmuINT0166391	chr19	57558144	57559562	+	0.025574
Trub2	MmuINT0166393	chr2	29642128	29643022	-	0.008297
Trub2	MmuINT0166394	chr2	29640548	29641995	-	0.010504
Trub2	MmuINT0166395	chr2	29638894	29640472	-	0.042838
Trub2	MmuINT0166396	chr2	29637722	29638831	-	0.022631
Trub2	MmuINT0166397	chr2	29635416	29637639	-	0.017481
Trub2	MmuINT0166398	chr2	29634389	29635342	-	0.026124
Trub2	MmuINT0166399	chr2	29633477	29634251	-	0.04606
Tsc1	MmuINT0166413	chr2	28527402	28527912	+	0.037503
Tsc1	MmuINT0166414	chr2	28528025	28528304	+	0.049857
Tsc1	MmuINT0166415	chr2	28528424	28530707	+	0.033101
Tsc1	MmuINT0166416	chr2	28530769	28531182	+	0.030568
Tsc1	MmuINT0166417	chr2	28531288	28531519	+	0.038112
Tsc1	MmuINT0166418	chr2	28532079	28533681	+	0.025408
Tsc1	MmuINT0166419	chr2	28533726	28534471	+	0.18182
Tsc1	MmuINT0166420	chr2	28534639	28535542	+	0.089116
Tsc1	MmuINT0166421	chr2	28535726	28536710	+	0.042418
Tsc1	MmuINT0166422	chr2	28536822	28537431	+	0.024133
Tsc1	MmuINT0166423	chr2	28507752	28514124	+	0.01701
Tsc1	MmuINT0166424	chr2	28537555	28541242	+	0.022616
Tsc1	MmuINT0166425	chr2	28541431	28541504	+	0.010854
Tsc1	MmuINT0166426	chr2	28541667	28542173	+	0.009704
Tsc1	MmuINT0166427	chr2	28514311	28517101	+	0.022193
Tsc1	MmuINT0166428	chr2	28517206	28517980	+	0.016598
Tsc1	MmuINT0166429	chr2	28518134	28519019	+	0.024107
Tsc1	MmuINT0166430	chr2	28519165	28520527	+	0.018019
Tsc1	MmuINT0166431	chr2	28520683	28521075	+	0.015732
Tsc1	MmuINT0166432	chr2	28521150	28526388	+	0.022937
Tsc1	MmuINT0166433	chr2	28526565	28527285	+	0.01729
Tsc2	MmuINT0166435	chr17	24769057	24769482	-	0.005772
Tsc2	MmuINT0166436	chr17	24759614	24760420	-	0.004122
Tsc2	MmuINT0166437	chr17	24758710	24759469	-	0.003135
Tsc2	MmuINT0166438	chr17	24758109	24758571	-	0.00443
Tsc2	MmuINT0166439	chr17	24757777	24758004	-	0.006861
Tsc2	MmuINT0166440	chr17	24756516	24757694	-	0.008692
Tsc2	MmuINT0166441	chr17	24755928	24756359	-	0.004573
Tsc2	MmuINT0166442	chr17	24752545	24755810	-	0.00622
Tsc2	MmuINT0166443	chr17	24751736	24752421	-	0.004244
Tsc2	MmuINT0166444	chr17	24751448	24751628	-	0.004321
Tsc2	MmuINT0166445	chr17	24750259	24751296	-	0.004696
Tsc2	MmuINT0166446	chr17	24767945	24768889	-	0.006702
Tsc2	MmuINT0166447	chr17	24747517	24750135	-	0.008964
Tsc2	MmuINT0166448	chr17	24746079	24747381	-	0.004893

Tsc2	MmuINT0166449	chr17	24745134	24745888	-	0.013025
Tsc2	MmuINT0166450	chr17	24744747	24745039	-	0.0065
Tsc2	MmuINT0166451	chr17	24744477	24744643	-	0.004359
Tsc2	MmuINT0166452	chr17	24743298	24744381	-	0.086166
Tsc2	MmuINT0166453	chr17	24741938	24743168	-	0.102871
Tsc2	MmuINT0166454	chr17	24741604	24741772	-	0.00392
Tsc2	MmuINT0166455	chr17	24741364	24741450	-	0.003012
Tsc2	MmuINT0166456	chr17	24740244	24741250	-	0.005233
Tsc2	MmuINT0166457	chr17	24766925	24767857	-	0.005766
Tsc2	MmuINT0166459	chr17	24737411	24739038	-	0.019847
Tsc2	MmuINT0166460	chr17	24736993	24737279	-	0.004994
Tsc2	MmuINT0166461	chr17	24736301	24736501	-	0.010022
Tsc2	MmuINT0166462	chr17	24736057	24736224	-	0.006999
Tsc2	MmuINT0166463	chr17	24735316	24735969	-	0.008166
Tsc2	MmuINT0166464	chr17	24734977	24735128	-	0.011821
Tsc2	MmuINT0166465	chr17	24734229	24734836	-	0.016121
Tsc2	MmuINT0166466	chr17	24734083	24734149	-	0.038187
Tsc2	MmuINT0166467	chr17	24733899	24733990	-	0.021498
Tsc2	MmuINT0166468	chr17	24766032	24766813	-	0.004109
Tsc2	MmuINT0166469	chr17	24733712	24733799	-	0.013076
Tsc2	MmuINT0166470	chr17	24765054	24765886	-	0.009256
Tsc2	MmuINT0166471	chr17	24763689	24764935	-	0.009538
Tsc2	MmuINT0166472	chr17	24763317	24763639	-	0.005857
Tsc2	MmuINT0166473	chr17	24762287	24763190	-	0.005343
Tsc2	MmuINT0166474	chr17	24760548	24762212	-	0.006761
Tsc22d1	MmuINT0166476	chr14	76904649	76905055	+	0.001198
Tsc22d1	MmuINT0166477	chr14	76905105	76906223	+	0.005602
Tsc22d2	MmuINT0166479	chr3	58221536	58232149	+	0.032232
Tsc22d2	MmuINT0166480	chr3	58232222	58263252	+	0.073364
Tsc22d2	MmuINT0166481	chr3	58263305	58263929	+	0.020941
Tsc22d3	MmuINT0166485	chrX	1.37E+08	1.37E+08	-	0.013188
Tsc22d4	MmuINT0166486	chr5	1.38E+08	1.38E+08	+	0.050609
Tsc22d4	MmuINT0166487	chr5	1.38E+08	1.38E+08	+	0.007706
Tsc22d4	MmuINT0166488	chr5	1.38E+08	1.38E+08	+	0.013958
Tsc22d4	MmuINT0166489	chr5	1.38E+08	1.38E+08	+	0.006701
Tsen2	MmuINT0166494	chr6	1.15E+08	1.15E+08	+	0.057755
Tsen2	MmuINT0166495	chr6	1.16E+08	1.16E+08	+	0.024174
Tsen2	MmuINT0166496	chr6	1.16E+08	1.16E+08	+	0.032822
Tsen2	MmuINT0166497	chr6	1.15E+08	1.15E+08	+	0.036498
Tsen2	MmuINT0166498	chr6	1.16E+08	1.16E+08	+	0.037565
Tsen2	MmuINT0166499	chr6	1.16E+08	1.16E+08	+	0.03729
Tsen2	MmuINT0166500	chr6	1.16E+08	1.16E+08	+	0.032624
Tsen2	MmuINT0166501	chr6	1.16E+08	1.16E+08	+	0.050762
Tsen2	MmuINT0166502	chr6	1.16E+08	1.16E+08	+	0.030455
Tsen2	MmuINT0166503	chr6	1.16E+08	1.16E+08	+	0.0455
Tsen2	MmuINT0166504	chr6	1.16E+08	1.16E+08	+	0.083728
Tsen54	MmuINT0166508	chr11	1.16E+08	1.16E+08	+	0.095405
Tsen54	MmuINT0166509	chr11	1.16E+08	1.16E+08	+	0.096218
Tsen54	MmuINT0166510	chr11	1.16E+08	1.16E+08	+	0.138462
Tsen54	MmuINT0166511	chr11	1.16E+08	1.16E+08	+	0.074488

Tsen54	MmuINT0166512	chr11	1.16E+08	1.16E+08	+	0.031437
Tsen54	MmuINT0166513	chr11	1.16E+08	1.16E+08	+	0.025176
Tsen54	MmuINT0166514	chr11	1.16E+08	1.16E+08	+	0.07663
Tsen54	MmuINT0166515	chr11	1.16E+08	1.16E+08	+	0.068304
Tsen54	MmuINT0166516	chr11	1.16E+08	1.16E+08	+	0.065619
Tsen54	MmuINT0166517	chr11	1.16E+08	1.16E+08	+	0.042996
Tsfm	MmuINT0166518	chr10	1.26E+08	1.26E+08	-	0.021508
Tsfm	MmuINT0166519	chr10	1.26E+08	1.26E+08	-	0.002438
Tsfm	MmuINT0166520	chr10	1.26E+08	1.26E+08	-	0.003899
Tsfm	MmuINT0166521	chr10	1.26E+08	1.26E+08	-	0.009767
Tsfm	MmuINT0166522	chr10	1.26E+08	1.26E+08	-	0.024652
Tsg101	MmuINT0166523	chr7	54168833	54175190	-	0.001018
Tsg101	MmuINT0166524	chr7	54166181	54168747	-	0.012587
Tsg101	MmuINT0166531	chr7	54145075	54146291	-	0.002625
Tsga10	MmuINT0166543	chr1	37906292	37912089	-	0.058376
Tsga10	MmuINT0166546	chr1	37897503	37898029	-	0.038785
Tsga10	MmuINT0166547	chr1	37892438	37897343	-	0.046249
Tsga10	MmuINT0166548	chr1	37892181	37892266	-	0.067647
Tsga10	MmuINT0166549	chr1	37891183	37892102	-	0.674415
Tsga10	MmuINT0166550	chr1	37876486	37891030	-	0.615062
Tshz2	MmuINT0166585	chr2	1.69E+08	1.7E+08	+	0.037003
Tslp	MmuINT0166605	chr18	32976849	32978652	+	0.057027
Tsn	MmuINT0166606	chr1	1.2E+08	1.2E+08	-	0.073041
Tsn	MmuINT0166607	chr1	1.2E+08	1.2E+08	-	0.006612
Tsn	MmuINT0166608	chr1	1.2E+08	1.2E+08	-	0.014589
Tsn	MmuINT0166610	chr1	1.2E+08	1.2E+08	-	0.005271
Tspan12	MmuINT0166643	chr6	21801146	21802011	-	0.022664
Tspan12	MmuINT0166644	chr6	21786496	21801009	-	0.010003
Tspan12	MmuINT0166645	chr6	21785524	21786412	-	0.006835
Tspan12	MmuINT0166646	chr6	21756314	21785387	-	0.005519
Tspan12	MmuINT0166647	chr6	21749987	21756238	-	0.004996
Tspan12	MmuINT0166648	chr6	21745722	21749878	-	0.007211
Tspan12	MmuINT0166649	chr6	21722937	21745577	-	0.007353
Tspan13	MmuINT0166650	chr12	36750660	36768837	-	0.006898
Tspan13	MmuINT0166651	chr12	36749421	36750491	-	0.007858
Tspan13	MmuINT0166652	chr12	36748502	36749339	-	0.019914
Tspan13	MmuINT0166653	chr12	36747191	36748387	-	0.003687
Tspan14	MmuINT0166655	chr14	41747575	41780064	-	0.045541
Tspan14	MmuINT0166657	chr14	41730239	41731918	-	0.039924
Tspan14	MmuINT0166658	chr14	41728840	41730091	-	0.032465
Tspan14	MmuINT0166659	chr14	41726777	41728668	-	0.034687
Tspan14	MmuINT0166660	chr14	41724447	41726650	-	0.037598
Tspan14	MmuINT0166661	chr14	41722994	41724401	-	0.175962
Tspan14	MmuINT0166662	chr14	41721419	41722873	-	0.018488
Tspan15	MmuINT0166663	chr10	61666014	61693767	-	0.037476
Tspan15	MmuINT0166664	chr10	61664601	61665827	-	0.037736
Tspan15	MmuINT0166665	chr10	61656711	61664525	-	0.055593
Tspan15	MmuINT0166666	chr10	61654333	61656614	-	0.068546
Tspan15	MmuINT0166667	chr10	61652610	61654215	-	0.132538
Tspan15	MmuINT0166668	chr10	61651508	61652561	-	0.239466

Tspan15	MmuINT0166669	chr10	61650911	61651390	-	0.037823
Tspan17	MmuINT0166670	chr13	54891043	54893969	+	0.054926
Tspan17	MmuINT0166671	chr13	54894021	54894100	+	0.015336
Tspan17	MmuINT0166672	chr13	54894248	54894555	+	0.134075
Tspan17	MmuINT0166673	chr13	54894727	54896413	+	0.174828
Tspan17	MmuINT0166674	chr13	54896540	54896771	+	0.202043
Tspan17	MmuINT0166675	chr13	54896820	54897326	+	0.029592
Tspan17	MmuINT0166676	chr13	54897444	54897517	+	0.047021
Tspan2	MmuINT0166686	chr3	1.03E+08	1.03E+08	+	0.037617
Tspan3	MmuINT0166693	chr9	55995386	56008606	-	0.001886
Tspan3	MmuINT0166694	chr9	55994968	55995193	-	0.000619
Tspan3	MmuINT0166695	chr9	55994423	55994892	-	0.001061
Tspan3	MmuINT0166696	chr9	55993735	55994320	-	0.000807
Tspan3	MmuINT0166697	chr9	55993380	55993581	-	0.001717
Tspan3	MmuINT0166698	chr9	55984543	55993295	-	0.001733
Tspan31	MmuINT0166699	chr10	1.27E+08	1.27E+08	-	0.009427
Tspan31	MmuINT0166700	chr10	1.27E+08	1.27E+08	-	0.02027
Tspan31	MmuINT0166701	chr10	1.27E+08	1.27E+08	-	0.026052
Tspan31	MmuINT0166702	chr10	1.27E+08	1.27E+08	-	0.029812
Tspan31	MmuINT0166703	chr10	1.27E+08	1.27E+08	-	0.063958
Tspan4	MmuINT0166719	chr7	1.49E+08	1.49E+08	+	0.138403
Tspan4	MmuINT0166720	chr7	1.49E+08	1.49E+08	+	0.084616
Tspan4	MmuINT0166721	chr7	1.49E+08	1.49E+08	+	0.05867
Tspan4	MmuINT0166722	chr7	1.49E+08	1.49E+08	+	0.046954
Tspan4	MmuINT0166723	chr7	1.49E+08	1.49E+08	+	0.040373
Tspan4	MmuINT0166724	chr7	1.49E+08	1.49E+08	+	0.031264
Tspan4	MmuINT0166725	chr7	1.49E+08	1.49E+08	+	0.044577
Tspan5	MmuINT0166732	chr3	1.39E+08	1.39E+08	+	0.058511
Tspan6	MmuINT0166733	chrX	1.3E+08	1.3E+08	-	0.074682
Tspan6	MmuINT0166734	chrX	1.3E+08	1.3E+08	-	0.060112
Tspan6	MmuINT0166736	chrX	1.3E+08	1.3E+08	-	0.029956
Tspan6	MmuINT0166738	chrX	1.3E+08	1.3E+08	-	0.040776
Tspan6	MmuINT0166739	chrX	1.3E+08	1.3E+08	-	0.040075
Tspan7	MmuINT0166740	chrX	10062365	10156440	+	0.001788
Tspan7	MmuINT0166741	chrX	10156630	10159290	+	0.001756
Tspan7	MmuINT0166742	chrX	10159366	10161167	+	0.00248
Tspan7	MmuINT0166743	chrX	10161264	10162622	+	0.001903
Tspan7	MmuINT0166744	chrX	10162779	10167261	+	0.002677
Tspan7	MmuINT0166745	chrX	10167346	10172404	+	0.015182
Tspan7	MmuINT0166746	chrX	10172481	10172755	+	0.007573
Tspan9	MmuINT0166755	chr6	1.28E+08	1.28E+08	-	0.481092
Tspan9	MmuINT0166756	chr6	1.28E+08	1.28E+08	-	0.007168
Tspan9	MmuINT0166757	chr6	1.28E+08	1.28E+08	-	0.005469
Tspan9	MmuINT0166758	chr6	1.28E+08	1.28E+08	-	0.005437
Tspan9	MmuINT0166759	chr6	1.28E+08	1.28E+08	-	0.005503
Tspan9	MmuINT0166760	chr6	1.28E+08	1.28E+08	-	0.005565
Tspan9	MmuINT0166761	chr6	1.28E+08	1.28E+08	-	0.005768
Tspo	MmuINT0166762	chr15	83394075	83401814	+	0.005744
Tspo	MmuINT0166763	chr15	83402026	83402629	+	0.002415
Tspo	MmuINT0166764	chr15	83402769	83404199	+	0.006212

Tspyl2	MmuINT0166772	chrX	1.49E+08	1.49E+08	-	0.124921
Tspyl2	MmuINT0166773	chrX	1.49E+08	1.49E+08	-	0.23214
Tspyl2	MmuINT0166774	chrX	1.49E+08	1.49E+08	-	0.069528
Tspyl2	MmuINT0166775	chrX	1.49E+08	1.49E+08	-	0.012211
Tspyl2	MmuINT0166776	chrX	1.49E+08	1.49E+08	-	0.032107
Tspyl2	MmuINT0166777	chrX	1.49E+08	1.49E+08	-	0.08076
Tsr1	MmuINT0166778	chr11	74711718	74711878	+	0.01118
Tsr1	MmuINT0166779	chr11	74718819	74719392	+	0.521187
Tsr1	MmuINT0166780	chr11	74720954	74721325	+	0.636492
Tsr1	MmuINT0166781	chr11	74721467	74721547	+	0.658399
Tsr1	MmuINT0166782	chr11	74721623	74721729	+	0.527924
Tsr1	MmuINT0166783	chr11	74711983	74712683	+	0.004003
Tsr1	MmuINT0166785	chr11	74713146	74713654	+	0.01502
Tsr1	MmuINT0166786	chr11	74714080	74714990	+	0.010349
Tsr1	MmuINT0166787	chr11	74715151	74715510	+	0.014911
Tsr1	MmuINT0166788	chr11	74715669	74717321	+	0.023536
Tsr1	MmuINT0166789	chr11	74717516	74718330	+	0.191295
Tsr1	MmuINT0166790	chr11	74718494	74718707	+	0.506944
Tsr2	MmuINT0166791	chrX	1.48E+08	1.48E+08	-	0.029238
Tsr2	MmuINT0166792	chrX	1.48E+08	1.48E+08	-	0.037293
Tsr2	MmuINT0166793	chrX	1.48E+08	1.48E+08	-	0.168868
Tssc1	MmuINT0166795	chr12	29436870	29444934	+	0.019471
Tssc1	MmuINT0166796	chr12	29445019	29451636	+	0.04584
Tssc1	MmuINT0166797	chr12	29451770	29513572	+	0.026128
Tssc1	MmuINT0166798	chr12	29513730	29532421	+	0.024526
Tssc1	MmuINT0166799	chr12	29532522	29544116	+	0.048946
Tssc1	MmuINT0166800	chr12	29544254	29547819	+	0.034492
Tssc1	MmuINT0166801	chr12	29547988	29549534	+	0.023419
Tssc1	MmuINT0166802	chr12	29549700	29551785	+	0.017273
Tssc4	MmuINT0166803	chr7	1.5E+08	1.5E+08	+	0.974763
Tst	MmuINT0166814	chr15	78230461	78235668	-	0.007715
Tsta3	MmuINT0166815	chr15	75759480	75760082	-	0.056333
Tsta3	MmuINT0166816	chr15	75755425	75755714	-	0.010162
Tsta3	MmuINT0166817	chr15	75758974	75759321	-	0.119008
Tsta3	MmuINT0166818	chr15	75757526	75758858	-	0.088471
Tsta3	MmuINT0166819	chr15	75757303	75757396	-	0.01419
Tsta3	MmuINT0166820	chr15	75756888	75757228	-	0.081509
Tsta3	MmuINT0166821	chr15	75756624	75756753	-	0.08453
Tsta3	MmuINT0166822	chr15	75756290	75756558	-	0.055154
Tsta3	MmuINT0166823	chr15	75756093	75756222	-	0.084096
Tsta3	MmuINT0166824	chr15	75755815	75756012	-	0.021537
Tstd2	MmuINT0166829	chr4	46145029	46148258	-	0.021083
Tstd2	MmuINT0166830	chr4	46142220	46144714	-	0.02275
Tstd2	MmuINT0166831	chr4	46137898	46142098	-	0.027891
Tstd2	MmuINT0166832	chr4	46137021	46137771	-	0.052377
Tstd2	MmuINT0166833	chr4	46133439	46136914	-	0.017432
Tstd2	MmuINT0166834	chr4	46132872	46133319	-	0.04194
Tstd2	MmuINT0166835	chr4	46132154	46132712	-	0.03171
Tstd2	MmuINT0166836	chr4	46129956	46132014	-	0.03012
Ttbk2	MmuINT0166860	chr2	1.21E+08	1.21E+08	-	0.06019

Ttbk2	MmuINT0166861	chr2	1.21E+08	1.21E+08	-	0.075139
Ttbk2	MmuINT0166862	chr2	1.21E+08	1.21E+08	-	0.033541
Ttbk2	MmuINT0166863	chr2	1.21E+08	1.21E+08	-	0.055473
Ttbk2	MmuINT0166864	chr2	1.21E+08	1.21E+08	-	0.06184
Ttbk2	MmuINT0166865	chr2	1.21E+08	1.21E+08	-	0.237027
Ttbk2	MmuINT0166866	chr2	1.21E+08	1.21E+08	-	0.059153
Ttbk2	MmuINT0166867	chr2	1.21E+08	1.21E+08	-	0.047595
Ttbk2	MmuINT0166868	chr2	1.21E+08	1.21E+08	-	0.093472
Ttbk2	MmuINT0166869	chr2	1.21E+08	1.21E+08	-	0.044731
Ttbk2	MmuINT0166870	chr2	1.21E+08	1.21E+08	-	0.050848
Ttbk2	MmuINT0166871	chr2	1.21E+08	1.21E+08	-	0.045738
Ttc1	MmuINT0166874	chr11	43558950	43561423	-	0.006253
Ttc1	MmuINT0166875	chr11	43555324	43558586	-	0.004925
Ttc1	MmuINT0166876	chr11	43553332	43555262	-	0.006143
Ttc1	MmuINT0166877	chr11	43552336	43553218	-	0.005177
Ttc1	MmuINT0166878	chr11	43551518	43552298	-	0.004277
Ttc1	MmuINT0166879	chr11	43549976	43551368	-	0.004177
Ttc1	MmuINT0166880	chr11	43544110	43549920	-	0.04125
Ttc12	MmuINT0166881	chr9	49292848	49294250	-	0.045938
Ttc12	MmuINT0166882	chr9	49265008	49266100	-	0.027896
Ttc12	MmuINT0166883	chr9	49264055	49264937	-	0.007029
Ttc12	MmuINT0166884	chr9	49261598	49263965	-	0.031632
Ttc12	MmuINT0166885	chr9	49256125	49261428	-	0.03786
Ttc12	MmuINT0166886	chr9	49254691	49256031	-	0.009352
Ttc12	MmuINT0166887	chr9	49253985	49254629	-	0.00863
Ttc12	MmuINT0166888	chr9	49253389	49253846	-	0.015292
Ttc12	MmuINT0166889	chr9	49252842	49253289	-	0.022247
Ttc12	MmuINT0166890	chr9	49251309	49252772	-	0.00877
Ttc12	MmuINT0166891	chr9	49250042	49251206	-	0.007843
Ttc12	MmuINT0166892	chr9	49280649	49292774	-	0.018917
Ttc12	MmuINT0166893	chr9	49248488	49249941	-	0.006443
Ttc12	MmuINT0166894	chr9	49246562	49248261	-	0.018965
Ttc12	MmuINT0166895	chr9	49279989	49280487	-	0.076907
Ttc12	MmuINT0166896	chr9	49279309	49279966	-	0.023391
Ttc12	MmuINT0166897	chr9	49278456	49279230	-	0.00503
Ttc12	MmuINT0166898	chr9	49274937	49278333	-	0.011749
Ttc12	MmuINT0166899	chr9	49268567	49274876	-	0.009363
Ttc12	MmuINT0166900	chr9	49266816	49268494	-	0.010816
Ttc12	MmuINT0166901	chr9	49266290	49266754	-	0.005911
Ttc13	MmuINT0166902	chr8	1.27E+08	1.27E+08	-	0.025408
Ttc13	MmuINT0166903	chr8	1.27E+08	1.27E+08	-	0.057105
Ttc13	MmuINT0166904	chr8	1.27E+08	1.27E+08	-	0.033577
Ttc13	MmuINT0166905	chr8	1.27E+08	1.27E+08	-	0.081074
Ttc13	MmuINT0166906	chr8	1.27E+08	1.27E+08	-	0.082265
Ttc13	MmuINT0166907	chr8	1.27E+08	1.27E+08	-	0.017207
Ttc13	MmuINT0166908	chr8	1.27E+08	1.27E+08	-	0.02381
Ttc13	MmuINT0166909	chr8	1.27E+08	1.27E+08	-	0.031872
Ttc13	MmuINT0166910	chr8	1.27E+08	1.27E+08	-	0.037222
Ttc13	MmuINT0166911	chr8	1.27E+08	1.27E+08	-	0.016503
Ttc13	MmuINT0166912	chr8	1.27E+08	1.27E+08	-	0.028926

Ttc13	MmulINT0166914	chr8	1.27E+08	1.27E+08	-	0.014801
Ttc13	MmulINT0166915	chr8	1.27E+08	1.27E+08	-	0.015489
Ttc13	MmulINT0166916	chr8	1.27E+08	1.27E+08	-	0.017751
Ttc13	MmulINT0166917	chr8	1.27E+08	1.27E+08	-	0.014941
Ttc13	MmulINT0166918	chr8	1.27E+08	1.27E+08	-	0.011658
Ttc14	MmulINT0166919	chr3	33699359	33699877	+	0.036579
Ttc14	MmulINT0166920	chr3	33705856	33706760	+	0.812385
Ttc14	MmulINT0166921	chr3	33706871	33707607	+	0.771761
Ttc14	MmulINT0166922	chr3	33700003	33700112	+	0.010794
Ttc14	MmulINT0166923	chr3	33700313	33701780	+	0.025754
Ttc14	MmulINT0166924	chr3	33701866	33701996	+	0.012971
Ttc14	MmulINT0166925	chr3	33702127	33702371	+	0.011609
Ttc14	MmulINT0166926	chr3	33702528	33702921	+	0.014895
Ttc14	MmulINT0166927	chr3	33702994	33703342	+	0.012274
Ttc14	MmulINT0166928	chr3	33703463	33703561	+	0.029713
Ttc14	MmulINT0166929	chr3	33703685	33705737	+	0.136882
Ttc15	MmulINT0166931	chr12	29432402	29435026	-	0.017371
Ttc15	MmulINT0166932	chr12	29376712	29377358	-	0.013937
Ttc15	MmulINT0166933	chr12	29376423	29376623	-	0.007885
Ttc15	MmulINT0166934	chr12	29422715	29431163	-	0.011223
Ttc15	MmulINT0166935	chr12	29407342	29422597	-	0.010661
Ttc15	MmulINT0166936	chr12	29406056	29407227	-	0.007449
Ttc15	MmulINT0166937	chr12	29396850	29405916	-	0.017886
Ttc15	MmulINT0166938	chr12	29388464	29396736	-	0.033509
Ttc15	MmulINT0166939	chr12	29386475	29388390	-	0.027111
Ttc15	MmulINT0166940	chr12	29382108	29386400	-	0.016699
Ttc15	MmulINT0166941	chr12	29377460	29382008	-	0.022975
Ttc17	MmulINT0166956	chr2	94226339	94246663	-	0.017282
Ttc17	MmulINT0166957	chr2	94206826	94209469	-	0.010675
Ttc17	MmulINT0166958	chr2	94204847	94206678	-	0.008244
Ttc17	MmulINT0166959	chr2	94204589	94204730	-	0.021453
Ttc17	MmulINT0166960	chr2	94202935	94204422	-	0.011792
Ttc17	MmulINT0166961	chr2	94202722	94202856	-	0.017116
Ttc17	MmulINT0166962	chr2	94199095	94202496	-	0.009673
Ttc17	MmulINT0166963	chr2	94182955	94198907	-	0.029799
Ttc17	MmulINT0166964	chr2	94173210	94182783	-	0.027082
Ttc17	MmulINT0166965	chr2	94170829	94172949	-	0.006676
Ttc17	MmulINT0166966	chr2	94166976	94170674	-	0.020138
Ttc17	MmulINT0166967	chr2	94219016	94226248	-	0.011209
Ttc17	MmulINT0166968	chr2	94164679	94166854	-	0.01351
Ttc17	MmulINT0166969	chr2	94163330	94164518	-	0.01295
Ttc17	MmulINT0166970	chr2	94145221	94163245	-	0.016331
Ttc17	MmulINT0166971	chr2	94143846	94145100	-	0.021392
Ttc17	MmulINT0166972	chr2	94142025	94143701	-	0.030645
Ttc17	MmulINT0166973	chr2	94218263	94218845	-	0.01296
Ttc17	MmulINT0166974	chr2	94217890	94218150	-	0.016484
Ttc17	MmulINT0166975	chr2	94216297	94217757	-	0.015857
Ttc17	MmulINT0166976	chr2	94215384	94216186	-	0.01757
Ttc17	MmulINT0166977	chr2	94214815	94215238	-	0.021546
Ttc17	MmulINT0166978	chr2	94212055	94214674	-	0.011769



Ttc17	MmulINT0166979	chr2	94209583	94211893	-	0.010712
Ttc19	MmulINT0167011	chr11	62095196	62095286	+	0.049054
Ttc19	MmulINT0167012	chr11	62095391	62097098	+	0.039543
Ttc19	MmulINT0167013	chr11	62097210	62097632	+	0.044023
Ttc19	MmulINT0167014	chr11	62097672	62098504	+	0.063665
Ttc19	MmulINT0167015	chr11	62098562	62099325	+	0.013257
Ttc19	MmulINT0167016	chr11	62099388	62105625	+	0.006048
Ttc19	MmulINT0167017	chr11	62105721	62122543	+	0.006737
Ttc19	MmulINT0167018	chr11	62122696	62126517	+	0.004951
Ttc19	MmulINT0167019	chr11	62126681	62127511	+	0.011318
Ttc21b	MmulINT0167069	chr2	66022901	66024210	-	0.032129
Ttc21b	MmulINT0167071	chr2	66085488	66087451	-	0.033452
Ttc21b	MmulINT0167072	chr2	66080846	66085364	-	0.047385
Ttc23	MmulINT0167086	chr7	74856390	74870119	+	0.034919
Ttc23	MmulINT0167087	chr7	74870203	74870913	+	0.090686
Ttc23	MmulINT0167088	chr7	74807413	74812048	+	0.061054
Ttc23	MmulINT0167089	chr7	74812173	74814583	+	0.024624
Ttc23	MmulINT0167090	chr7	74814735	74814937	+	0.116811
Ttc23	MmulINT0167093	chr7	74843216	74854209	+	0.038019
Ttc23	MmulINT0167094	chr7	74854338	74856239	+	0.023618
Ttc27	MmulINT0167142	chr17	75117352	75117973	+	0.026159
Ttc27	MmulINT0167143	chr17	75169697	75176983	+	0.03397
Ttc27	MmulINT0167144	chr17	75177080	75180122	+	0.052763
Ttc27	MmulINT0167145	chr17	75180246	75198523	+	0.036627
Ttc27	MmulINT0167146	chr17	75198752	75228831	+	0.033175
Ttc27	MmulINT0167147	chr17	75228931	75234672	+	0.045128
Ttc27	MmulINT0167148	chr17	75234726	75239638	+	0.023764
Ttc27	MmulINT0167149	chr17	75239805	75255748	+	0.022229
Ttc27	MmulINT0167150	chr17	75255947	75257348	+	0.030671
Ttc27	MmulINT0167151	chr17	75257461	75261385	+	0.031085
Ttc27	MmulINT0167152	chr17	75261487	75262673	+	0.02638
Ttc27	MmulINT0167153	chr17	75118152	75120860	+	0.033101
Ttc27	MmulINT0167154	chr17	75120991	75123957	+	0.030317
Ttc27	MmulINT0167155	chr17	75124099	75129222	+	0.028819
Ttc27	MmulINT0167156	chr17	75129326	75138937	+	0.026555
Ttc27	MmulINT0167157	chr17	75139103	75142257	+	0.023981
Ttc27	MmulINT0167158	chr17	75142392	75146991	+	0.019304
Ttc27	MmulINT0167159	chr17	75147105	75150401	+	0.051784
Ttc27	MmulINT0167160	chr17	75150469	75169582	+	0.033952
Ttc28	MmulINT0167176	chr5	1.12E+08	1.12E+08	+	0.035266
Ttc3	MmulINT0167200	chr16	94631337	94632439	+	0.017906
Ttc3	MmulINT0167201	chr16	94632564	94633666	+	0.011285
Ttc3	MmulINT0167202	chr16	94633731	94637555	+	0.010126
Ttc3	MmulINT0167203	chr16	94637617	94637888	+	0.008666
Ttc3	MmulINT0167204	chr16	94637974	94640213	+	0.009485
Ttc3	MmulINT0167205	chr16	94640349	94641004	+	0.00833
Ttc3	MmulINT0167206	chr16	94641086	94641854	+	0.00825
Ttc3	MmulINT0167208	chr16	94641968	94643833	+	0.009615
Ttc3	MmulINT0167209	chr16	94643955	94645671	+	0.004871
Ttc3	MmulINT0167210	chr16	94645795	94646693	+	0.00585

Ttc3	MmulINT0167211	chr16	94646796	94647757	+	0.006715
Ttc3	MmulINT0167212	chr16	94647851	94648372	+	0.006508
Ttc3	MmulINT0167213	chr16	94648438	94649397	+	0.005567
Ttc3	MmulINT0167214	chr16	94649535	94650965	+	0.006667
Ttc3	MmulINT0167215	chr16	94651293	94653394	+	0.006159
Ttc3	MmulINT0167216	chr16	94653647	94654722	+	0.007788
Ttc3	MmulINT0167217	chr16	94654770	94655922	+	0.008596
Ttc3	MmulINT0167219	chr16	94655980	94657082	+	0.009643
Ttc3	MmulINT0167220	chr16	94657154	94660791	+	0.007907
Ttc3	MmulINT0167221	chr16	94660957	94664077	+	0.005489
Ttc3	MmulINT0167222	chr16	94665099	94666091	+	0.00413
Ttc3	MmulINT0167223	chr16	94666158	94669605	+	0.00481
Ttc3	MmulINT0167224	chr16	94669756	94672626	+	0.003909
Ttc3	MmulINT0167225	chr16	94672767	94674570	+	0.004955
Ttc3	MmulINT0167226	chr16	94674640	94676033	+	0.006037
Ttc3	MmulINT0167227	chr16	94676131	94678317	+	0.008977
Ttc3	MmulINT0167228	chr16	94678419	94678927	+	0.006575
Ttc3	MmulINT0167229	chr16	94606542	94606942	+	0.047087
Ttc3	MmulINT0167230	chr16	94679019	94679537	+	0.004625
Ttc3	MmulINT0167231	chr16	94679640	94681368	+	0.004179
Ttc3	MmulINT0167232	chr16	94681710	94683828	+	0.004626
Ttc3	MmulINT0167233	chr16	94683956	94684102	+	0.00295
Ttc3	MmulINT0167234	chr16	94684238	94688509	+	0.010815
Ttc3	MmulINT0167235	chr16	94688603	94689532	+	0.005723
Ttc3	MmulINT0167236	chr16	94607031	94608943	+	0.053482
Ttc3	MmulINT0167237	chr16	94608998	94609871	+	0.048414
Ttc3	MmulINT0167238	chr16	94609993	94611808	+	0.038207
Ttc3	MmulINT0167239	chr16	94611895	94613621	+	0.040586
Ttc32	MmulINT0167241	chr12	9037003	9041727	+	0.011669
Ttc32	MmulINT0167242	chr12	9041895	9042567	+	0.013136
Ttc33	MmulINT0167243	chr15	5135769	5139581	+	0.008105
Ttc33	MmulINT0167244	chr15	5139804	5158368	+	0.009042
Ttc33	MmulINT0167245	chr15	5158451	5161998	+	0.010925
Ttc33	MmulINT0167246	chr15	5162131	5167149	+	0.00567
Ttc35	MmulINT0167253	chr15	43308872	43323715	+	0.00124
Ttc35	MmulINT0167254	chr15	43345396	43358942	+	0.001598
Ttc35	MmulINT0167255	chr15	43323830	43326285	+	0.00304
Ttc35	MmulINT0167256	chr15	43326351	43326709	+	0.0005
Ttc35	MmulINT0167259	chr15	43339277	43339407	+	0.003443
Ttc35	MmulINT0167260	chr15	43339468	43342360	+	0.001337
Ttc35	MmulINT0167262	chr15	43343357	43345290	+	0.001047
Ttc36	MmulINT0167264	chr9	44607817	44609676	-	0.143207
Ttc37	MmulINT0167266	chr13	76255631	76255725	+	0.042671
Ttc37	MmulINT0167267	chr13	76255835	76260082	+	0.040482
Ttc37	MmulINT0167268	chr13	76260224	76260889	+	0.056494
Ttc37	MmulINT0167269	chr13	76260992	76262208	+	0.055649
Ttc37	MmulINT0167270	chr13	76262349	76264413	+	0.040762
Ttc37	MmulINT0167271	chr13	76264501	76264944	+	0.057951
Ttc37	MmulINT0167272	chr13	76265049	76266071	+	0.039994
Ttc37	MmulINT0167273	chr13	76266199	76266807	+	0.036045

Ttc37	MmulINT0167274	chr13	76266988	76267648	+	0.026832
Ttc37	MmulINT0167275	chr13	76267774	76268655	+	0.034242
Ttc37	MmulINT0167276	chr13	76236889	76242152	+	0.048358
Ttc37	MmulINT0167277	chr13	76268910	76270305	+	0.043165
Ttc37	MmulINT0167278	chr13	76270409	76272122	+	0.029244
Ttc37	MmulINT0167279	chr13	76272300	76272394	+	0.064404
Ttc37	MmulINT0167280	chr13	76272540	76272674	+	0.102251
Ttc37	MmulINT0167281	chr13	76272754	76272848	+	0.082352
Ttc37	MmulINT0167282	chr13	76272911	76273865	+	0.057546
Ttc37	MmulINT0167283	chr13	76273923	76275781	+	0.061812
Ttc37	MmulINT0167284	chr13	76275851	76276935	+	0.049692
Ttc37	MmulINT0167285	chr13	76277011	76277975	+	0.043762
Ttc37	MmulINT0167286	chr13	76278118	76280630	+	0.039646
Ttc37	MmulINT0167288	chr13	76280725	76282648	+	0.041676
Ttc37	MmulINT0167289	chr13	76282727	76285159	+	0.034556
Ttc37	MmulINT0167290	chr13	76285285	76286190	+	0.03459
Ttc37	MmulINT0167291	chr13	76286315	76287965	+	0.028301
Ttc37	MmulINT0167292	chr13	76288185	76289357	+	0.027407
Ttc37	MmulINT0167293	chr13	76289431	76292869	+	0.04233
Ttc37	MmulINT0167294	chr13	76292924	76293099	+	0.047465
Ttc37	MmulINT0167295	chr13	76293212	76294696	+	0.03809
Ttc37	MmulINT0167296	chr13	76294826	76310766	+	0.031203
Ttc37	MmulINT0167297	chr13	76310889	76312636	+	0.028303
Ttc37	MmulINT0167298	chr13	76243827	76245640	+	0.040901
Ttc37	MmulINT0167299	chr13	76312796	76317491	+	0.024994
Ttc37	MmulINT0167300	chr13	76317645	76320262	+	0.04693
Ttc37	MmulINT0167301	chr13	76320394	76322574	+	0.044049
Ttc37	MmulINT0167302	chr13	76322699	76325047	+	0.026957
Ttc37	MmulINT0167303	chr13	76245732	76249120	+	0.050776
Ttc37	MmulINT0167304	chr13	76249265	76249622	+	0.066008
Ttc37	MmulINT0167305	chr13	76249715	76250485	+	0.051348
Ttc37	MmulINT0167306	chr13	76250562	76251017	+	0.038455
Ttc37	MmulINT0167307	chr13	76251159	76255531	+	0.045256
Ttc38	MmulINT0167308	chr15	85662850	85663576	+	0.016976
Ttc38	MmulINT0167309	chr15	85682029	85683249	+	0.010319
Ttc38	MmulINT0167310	chr15	85683416	85684014	+	0.017718
Ttc38	MmulINT0167311	chr15	85684175	85684405	+	0.026358
Ttc38	MmulINT0167312	chr15	85684480	85686900	+	0.018636
Ttc38	MmulINT0167313	chr15	85663655	85664919	+	0.018767
Ttc38	MmulINT0167314	chr15	85665002	85666449	+	0.013285
Ttc38	MmulINT0167315	chr15	85666622	85669135	+	0.010625
Ttc38	MmulINT0167316	chr15	85669310	85671894	+	0.014723
Ttc38	MmulINT0167317	chr15	85671971	85674881	+	0.013601
Ttc38	MmulINT0167318	chr15	85675002	85676760	+	0.018268
Ttc38	MmulINT0167319	chr15	85676821	85678064	+	0.014217
Ttc38	MmulINT0167320	chr15	85678104	85681946	+	0.037116
Ttc39b	MmulINT0167339	chr4	82943867	82969974	-	0.04103
Ttc39b	MmulINT0167340	chr4	82891043	82892176	-	0.074726
Ttc39b	MmulINT0167341	chr4	82890020	82890933	-	0.029689
Ttc39b	MmulINT0167342	chr4	82889868	82889951	-	0.039426

Ttc39b	MmulINT0167343	chr4	82888205	82889807	-	0.022477
Ttc39b	MmulINT0167344	chr4	82887642	82888042	-	0.036903
Ttc39b	MmulINT0167345	chr4	82886099	82887549	-	0.042352
Ttc39b	MmulINT0167346	chr4	82883255	82885971	-	0.073716
Ttc39b	MmulINT0167347	chr4	82878733	82883145	-	0.061094
Ttc39b	MmulINT0167348	chr4	82876429	82878614	-	0.031805
Ttc39b	MmulINT0167349	chr4	82873129	82876311	-	0.026398
Ttc39b	MmulINT0167350	chr4	82917123	82943831	-	0.034907
Ttc39b	MmulINT0167351	chr4	82909706	82917020	-	0.024745
Ttc39b	MmulINT0167352	chr4	82907862	82909597	-	0.030508
Ttc39b	MmulINT0167353	chr4	82906863	82907729	-	0.022637
Ttc39b	MmulINT0167354	chr4	82902017	82906785	-	0.033596
Ttc39b	MmulINT0167355	chr4	82898955	82901948	-	0.035867
Ttc39b	MmulINT0167356	chr4	82893623	82898889	-	0.038366
Ttc39b	MmulINT0167357	chr4	82892243	82893516	-	0.036467
Ttc39c	MmulINT0167358	chr18	12802553	12843345	+	0.038204
Ttc39c	MmulINT0167359	chr18	12888627	12891466	+	0.241543
Ttc39c	MmulINT0167360	chr18	12891565	12893395	+	0.02853
Ttc39c	MmulINT0167361	chr18	12893501	12894488	+	0.044733
Ttc39c	MmulINT0167362	chr18	12894528	12895182	+	0.042243
Ttc39c	MmulINT0167363	chr18	12843395	12845460	+	0.0383
Ttc39c	MmulINT0167364	chr18	12845590	12848281	+	0.047971
Ttc39c	MmulINT0167365	chr18	12848397	12853744	+	0.038229
Ttc39c	MmulINT0167366	chr18	12854100	12856399	+	0.036983
Ttc39c	MmulINT0167367	chr18	12856569	12878458	+	0.04557
Ttc39c	MmulINT0167368	chr18	12878553	12883447	+	0.047573
Ttc39c	MmulINT0167369	chr18	12883556	12887128	+	0.003971
Ttc39c	MmulINT0167370	chr18	12887239	12888502	+	0.026265
Ttc4	MmulINT0167372	chr4	1.06E+08	1.06E+08	-	0.010588
Ttc4	MmulINT0167373	chr4	1.06E+08	1.06E+08	-	0.066895
Ttc4	MmulINT0167374	chr4	1.06E+08	1.06E+08	-	0.021245
Ttc4	MmulINT0167375	chr4	1.06E+08	1.06E+08	-	0.011334
Ttc4	MmulINT0167376	chr4	1.06E+08	1.06E+08	-	0.020222
Ttc4	MmulINT0167377	chr4	1.06E+08	1.06E+08	-	0.247807
Ttc4	MmulINT0167378	chr4	1.06E+08	1.06E+08	-	0.063464
Ttc4	MmulINT0167379	chr4	1.06E+08	1.06E+08	-	0.042342
Ttc5	MmulINT0167382	chr14	51397644	51401149	-	0.010593
Ttc7	MmulINT0167389	chr17	87682751	87689528	+	0.150327
Ttc7	MmulINT0167390	chr17	87729449	87733606	+	0.021112
Ttc7	MmulINT0167391	chr17	87733712	87739230	+	0.019219
Ttc7	MmulINT0167392	chr17	87739349	87740227	+	0.017418
Ttc7	MmulINT0167393	chr17	87740286	87741406	+	0.027046
Ttc7	MmulINT0167394	chr17	87741480	87745880	+	0.029824
Ttc7	MmulINT0167395	chr17	87746042	87758453	+	0.028937
Ttc7	MmulINT0167396	chr17	87758571	87761188	+	0.025996
Ttc7	MmulINT0167397	chr17	87761284	87762795	+	0.033897
Ttc7	MmulINT0167398	chr17	87762931	87769798	+	0.031072
Ttc7	MmulINT0167399	chr17	87770002	87779188	+	0.010168
Ttc7	MmulINT0167400	chr17	87689693	87692150	+	0.036952
Ttc7	MmulINT0167402	chr17	87706400	87708068	+	0.052019

Ttc7	MmuINT0167405	chr17	87721936	87722463	+	0.03336
Ttc7	MmuINT0167406	chr17	87722528	87728662	+	0.036453
Ttc7b	MmuINT0167408	chr12	1.02E+08	1.02E+08	-	0.005926
Ttc7b	MmuINT0167409	chr12	1.02E+08	1.02E+08	-	0.004608
Ttc7b	MmuINT0167410	chr12	1.02E+08	1.02E+08	-	0.004222
Ttc7b	MmuINT0167411	chr12	1.02E+08	1.02E+08	-	0.0331
Ttc7b	MmuINT0167412	chr12	1.02E+08	1.02E+08	-	0.009726
Ttc7b	MmuINT0167413	chr12	1.02E+08	1.02E+08	-	0.0052
Ttc7b	MmuINT0167414	chr12	1.02E+08	1.02E+08	-	0.007456
Ttc7b	MmuINT0167415	chr12	1.02E+08	1.02E+08	-	0.003743
Ttc7b	MmuINT0167416	chr12	1.02E+08	1.02E+08	-	0.200333
Ttc7b	MmuINT0167417	chr12	1.02E+08	1.02E+08	-	0.00259
Ttc7b	MmuINT0167418	chr12	1.02E+08	1.02E+08	-	0.004854
Ttc7b	MmuINT0167419	chr12	1.02E+08	1.02E+08	-	0.003521
Ttc7b	MmuINT0167420	chr12	1.02E+08	1.02E+08	-	0.005787
Ttc7b	MmuINT0167421	chr12	1.02E+08	1.02E+08	-	0.005154
Ttc7b	MmuINT0167422	chr12	1.02E+08	1.02E+08	-	0.005145
Ttc7b	MmuINT0167423	chr12	1.02E+08	1.02E+08	-	0.003729
Ttc7b	MmuINT0167424	chr12	1.02E+08	1.02E+08	-	0.008801
Ttc7b	MmuINT0167425	chr12	1.02E+08	1.02E+08	-	0.00504
Ttc7b	MmuINT0167426	chr12	1.02E+08	1.02E+08	-	0.00696
Ttc8	MmuINT0167430	chr12	1E+08	1E+08	+	0.079149
Ttc9	MmuINT0167443	chr12	82761736	82764502	+	0.070046
Ttc9c	MmuINT0167446	chr19	8893175	8893510	-	0.455008
Ttc9c	MmuINT0167447	chr19	8890527	8892925	-	0.045192
Ttc9c	MmuINT0167448	chr19	8886329	8890343	-	0.083349
Ttf1	MmuINT0167450	chr2	28939139	28940156	+	0.052924
Ttf1	MmuINT0167451	chr2	28940335	28941626	+	0.032651
Ttf1	MmuINT0167452	chr2	28921429	28922522	+	0.020797
Ttf1	MmuINT0167453	chr2	28922750	28925411	+	0.009104
Ttf1	MmuINT0167455	chr2	28926897	28929408	+	0.01378
Ttf1	MmuINT0167456	chr2	28929540	28930093	+	0.033743
Ttf1	MmuINT0167457	chr2	28930329	28934908	+	0.064504
Ttf2	MmuINT0167463	chr3	1.01E+08	1.01E+08	-	0.059821
Ttf2	MmuINT0167468	chr3	1.01E+08	1.01E+08	-	0.111183
Ttf2	MmuINT0167469	chr3	1.01E+08	1.01E+08	-	0.10692
Ttf2	MmuINT0167470	chr3	1.01E+08	1.01E+08	-	0.065109
Ttf2	MmuINT0167472	chr3	1.01E+08	1.01E+08	-	0.093672
Ttf2	MmuINT0167473	chr3	1.01E+08	1.01E+08	-	0.065346
Tti1	MmuINT0167482	chr2	1.58E+08	1.58E+08	-	0.008375
Tti1	MmuINT0167483	chr2	1.58E+08	1.58E+08	-	0.012046
Tti1	MmuINT0167484	chr2	1.58E+08	1.58E+08	-	0.012341
Tti1	MmuINT0167485	chr2	1.58E+08	1.58E+08	-	0.066612
Tti1	MmuINT0167486	chr2	1.58E+08	1.58E+08	-	0.011194
Tti1	MmuINT0167487	chr2	1.58E+08	1.58E+08	-	0.031373
Ttl	MmuINT0167507	chr2	1.29E+08	1.29E+08	+	0.018358
Ttl	MmuINT0167508	chr2	1.29E+08	1.29E+08	+	0.013071
Ttl	MmuINT0167509	chr2	1.29E+08	1.29E+08	+	0.013583
Ttl	MmuINT0167510	chr2	1.29E+08	1.29E+08	+	0.012017
Ttl	MmuINT0167511	chr2	1.29E+08	1.29E+08	+	0.018469

Ttl	MmulINT0167512	chr2	1.29E+08	1.29E+08	+	0.106458
Ttl11	MmulINT0167513	chr15	83336758	83341163	-	0.018389
Ttl11	MmulINT0167514	chr15	83320063	83322972	-	0.693558
Ttl11	MmulINT0167515	chr15	83314744	83319898	-	0.002897
Ttl11	MmulINT0167518	chr15	83332720	83335679	-	0.016496
Ttl11	MmulINT0167519	chr15	83330533	83332510	-	0.013057
Ttl11	MmulINT0167520	chr15	83328717	83330351	-	0.021278
Ttl11	MmulINT0167521	chr15	83327859	83328581	-	0.016578
Ttl11	MmulINT0167522	chr15	83326846	83327749	-	0.019323
Ttl11	MmulINT0167523	chr15	83323060	83326701	-	0.020694
Ttl111	MmulINT0167538	chr2	35800480	35834691	-	0.882921
Ttl111	MmulINT0167543	chr2	35651123	35744784	-	0.068089
Ttl112	MmulINT0167548	chr15	83421979	83425378	-	0.035741
Ttl112	MmulINT0167549	chr15	83410580	83410924	-	0.022152
Ttl112	MmulINT0167550	chr15	83409134	83410497	-	0.030414
Ttl112	MmulINT0167551	chr15	83408316	83409064	-	0.023352
Ttl112	MmulINT0167552	chr15	83407479	83408176	-	0.016935
Ttl112	MmulINT0167553	chr15	83419132	83421808	-	0.023169
Ttl112	MmulINT0167554	chr15	83417664	83418932	-	0.025868
Ttl112	MmulINT0167555	chr15	83417415	83417503	-	0.025317
Ttl112	MmulINT0167556	chr15	83415163	83417280	-	0.03016
Ttl112	MmulINT0167557	chr15	83412893	83415085	-	0.0271
Ttl112	MmulINT0167558	chr15	83412670	83412775	-	0.02933
Ttl112	MmulINT0167559	chr15	83412210	83412474	-	0.024132
Ttl112	MmulINT0167560	chr15	83411077	83412097	-	0.027909
Ttl13	MmulINT0167582	chr6	1.13E+08	1.13E+08	+	0.868369
Ttl13	MmulINT0167585	chr6	1.13E+08	1.13E+08	+	0.240338
Ttl14	MmulINT0167586	chr1	74708464	74719417	+	0.052908
Ttl14	MmulINT0167587	chr1	74734135	74734296	+	0.054211
Ttl14	MmulINT0167588	chr1	74734426	74734737	+	0.02849
Ttl14	MmulINT0167589	chr1	74734861	74735140	+	0.054736
Ttl14	MmulINT0167590	chr1	74735240	74735896	+	0.082632
Ttl14	MmulINT0167591	chr1	74736032	74736533	+	0.030096
Ttl14	MmulINT0167592	chr1	74736681	74742281	+	0.146456
Ttl14	MmulINT0167593	chr1	74742385	74742978	+	0.060203
Ttl14	MmulINT0167594	chr1	74743190	74743315	+	0.093999
Ttl14	MmulINT0167595	chr1	74743387	74743752	+	0.139291
Ttl14	MmulINT0167596	chr1	74743824	74744014	+	0.068487
Ttl14	MmulINT0167597	chr1	74719585	74725471	+	0.207535
Ttl14	MmulINT0167598	chr1	74727038	74727873	+	0.312852
Ttl14	MmulINT0167599	chr1	74727984	74728332	+	0.04263
Ttl14	MmulINT0167601	chr1	74732018	74732433	+	0.032963
Ttl14	MmulINT0167602	chr1	74732545	74732890	+	0.047045
Ttl14	MmulINT0167604	chr1	74733970	74734051	+	0.038803
Ttl15	MmulINT0167605	chr12	87166037	87167402	+	0.033823
Ttl15	MmulINT0167606	chr12	87217543	87219336	+	0.0381
Ttl15	MmulINT0167607	chr12	87219429	87220317	+	0.063858
Ttl15	MmulINT0167608	chr12	87220426	87230108	+	0.043612
Ttl15	MmulINT0167610	chr12	87232033	87233065	+	0.041056
Ttl15	MmulINT0167611	chr12	87233161	87239942	+	0.03069

TtII5	MmuINT0167612	chr12	87240057	87240342	+	0.030417
TtII5	MmuINT0167613	chr12	87240435	87249742	+	0.031601
TtII5	MmuINT0167614	chr12	87249806	87253501	+	0.044244
TtII5	MmuINT0167615	chr12	87253541	87258624	+	0.041987
TtII5	MmuINT0167616	chr12	87167575	87172844	+	0.028523
TtII5	MmuINT0167617	chr12	87258783	87259880	+	0.03878
TtII5	MmuINT0167618	chr12	87260188	87263907	+	0.019519
TtII5	MmuINT0167619	chr12	87264029	87266589	+	0.028717
TtII5	MmuINT0167620	chr12	87266737	87267751	+	0.01801
TtII5	MmuINT0167621	chr12	87267856	87270813	+	0.031639
TtII5	MmuINT0167622	chr12	87270942	87273674	+	0.027675
TtII5	MmuINT0167623	chr12	87273759	87274231	+	0.02218
TtII5	MmuINT0167624	chr12	87274625	87280275	+	0.022006
TtII5	MmuINT0167625	chr12	87280461	87297515	+	0.021812
TtII5	MmuINT0167626	chr12	87297671	87336950	+	0.031421
TtII5	MmuINT0167627	chr12	87172952	87184727	+	0.039824
TtII5	MmuINT0167628	chr12	87337147	87353597	+	0.021129
TtII5	MmuINT0167629	chr12	87353813	87361470	+	0.035564
TtII5	MmuINT0167630	chr12	87361554	87365169	+	0.047719
TtII5	MmuINT0167631	chr12	87365293	87394092	+	0.116742
TtII5	MmuINT0167632	chr12	87184811	87186196	+	0.063564
TtII5	MmuINT0167633	chr12	87186304	87190200	+	0.030508
TtII5	MmuINT0167634	chr12	87190332	87198329	+	0.03467
TtII5	MmuINT0167637	chr12	87205560	87217440	+	0.037534
TtII7	MmuINT0167652	chr3	1.47E+08	1.47E+08	+	0.046905
TtII7	MmuINT0167654	chr3	1.47E+08	1.47E+08	+	0.06529
TtII7	MmuINT0167657	chr3	1.47E+08	1.47E+08	+	0.058783
TtII7	MmuINT0167663	chr3	1.47E+08	1.47E+08	+	0.067038
TtII7	MmuINT0167669	chr3	1.47E+08	1.47E+08	+	0.066251
TtII7	MmuINT0167671	chr3	1.47E+08	1.47E+08	+	0.06767
Ttn	MmuINT0167696	chr2	76709223	76709761	-	0.03695
Ttn	MmuINT0167697	chr2	76709035	76709132	-	0.04552
Ttn	MmuINT0167698	chr2	76708669	76708766	-	0.03451
Ttn	MmuINT0167699	chr2	76706554	76708407	-	0.040197
Ttn	MmuINT0167700	chr2	76706143	76706343	-	0.036784
Ttn	MmuINT0167701	chr2	76705967	76706064	-	0.043848
Ttn	MmuINT0167703	chr2	76705299	76705478	-	0.044837
Ttn	MmuINT0167704	chr2	76703355	76705214	-	0.064682
Ttn	MmuINT0167705	chr2	76702383	76703279	-	0.029088
Ttn	MmuINT0167707	chr2	76701733	76702328	-	0.034473
Ttn	MmuINT0167708	chr2	76700917	76701330	-	0.027802
Ttn	MmuINT0167709	chr2	76700485	76700856	-	0.069094
Ttn	MmuINT0167710	chr2	76700247	76700406	-	0.68288
Ttn	MmuINT0167711	chr2	76699567	76700168	-	0.714107
Ttn	MmuINT0167806	chr2	76719400	76719614	-	0.047426
Ttn	MmuINT0167807	chr2	76718714	76719120	-	0.038704
Ttn	MmuINT0167808	chr2	76718319	76718431	-	0.059066
Ttn	MmuINT0167809	chr2	76717403	76718039	-	0.060372
Ttn	MmuINT0167810	chr2	76717010	76717114	-	0.0667
Ttn	MmuINT0167811	chr2	76716604	76716730	-	0.047925

Ttn	MmuINT0167812	chr2	76716239	76716324	-	0.043985
Ttn	MmuINT0167813	chr2	76715227	76715959	-	0.049975
Ttn	MmuINT0167814	chr2	76714797	76714938	-	0.043266
Ttn	MmuINT0167815	chr2	76714039	76714508	-	0.052125
Ttn	MmuINT0167816	chr2	76712056	76713747	-	0.050785
Ttn	MmuINT0167817	chr2	76711217	76711767	-	0.043747
Ttn	MmuINT0167818	chr2	76711024	76711123	-	0.043301
Ttn	MmuINT0167819	chr2	76709946	76710737	-	0.043465
Ttn	MmuINT0167820	chr2	76818253	76820394	-	0.056661
Ttn	MmuINT0167823	chr2	76623890	76624199	-	0.037169
Ttn	MmuINT0167824	chr2	76623459	76623586	-	0.055737
Ttn	MmuINT0167826	chr2	76622663	76622764	-	0.049205
Ttn	MmuINT0167828	chr2	76620547	76621980	-	0.066344
Ttn	MmuINT0167829	chr2	76620155	76620246	-	0.044524
Ttn	MmuINT0167832	chr2	76802670	76803147	-	0.050239
Ttn	MmuINT0167833	chr2	76617644	76618769	-	0.066281
Ttn	MmuINT0167834	chr2	76617212	76617334	-	0.028114
Ttn	MmuINT0167835	chr2	76616979	76617062	-	0.043102
Ttn	MmuINT0167837	chr2	76616633	76616721	-	0.05235
Ttn	MmuINT0167838	chr2	76616240	76616332	-	0.032337
Ttn	MmuINT0167841	chr2	76614211	76614311	-	0.029758
Ttn	MmuINT0167842	chr2	76613797	76613895	-	0.047176
Ttn	MmuINT0167844	chr2	76612962	76613647	-	0.045657
Ttn	MmuINT0167845	chr2	76612721	76612810	-	0.042022
Ttn	MmuINT0167846	chr2	76610727	76612438	-	0.059698
Ttn	MmuINT0167847	chr2	76609864	76610423	-	0.092362
Ttn	MmuINT0167848	chr2	76609463	76609560	-	0.054769
Ttn	MmuINT0167849	chr2	76609090	76609180	-	0.048589
Ttn	MmuINT0167850	chr2	76608699	76608789	-	0.041278
Ttn	MmuINT0167851	chr2	76608304	76608395	-	0.048021
Ttn	MmuINT0167852	chr2	76607879	76607994	-	0.033383
Ttn	MmuINT0167853	chr2	76607514	76607596	-	0.054811
Ttn	MmuINT0167854	chr2	76792766	76792851	-	0.016324
Ttn	MmuINT0167855	chr2	76607132	76607213	-	0.020173
Ttn	MmuINT0167856	chr2	76606742	76606837	-	0.026536
Ttn	MmuINT0167857	chr2	76603012	76603774	-	0.031726
Ttn	MmuINT0167858	chr2	76602587	76602690	-	0.037503
Ttn	MmuINT0167859	chr2	76602204	76602301	-	0.069422
Ttn	MmuINT0167860	chr2	76601596	76601903	-	0.040922
Ttn	MmuINT0167861	chr2	76600903	76601292	-	0.036424
Ttn	MmuINT0167862	chr2	76600509	76600626	-	0.04647
Ttn	MmuINT0167863	chr2	76600014	76600208	-	0.069411
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Ttn	MmuINT0167866	chr2	76598183	76599142	-	0.058734
Ttn	MmuINT0167867	chr2	76597440	76597894	-	0.05149
Ttn	MmuINT0167868	chr2	76597052	76597142	-	0.042509
Ttn	MmuINT0167869	chr2	76596655	76596748	-	0.024326
Ttn	MmuINT0167870	chr2	76595373	76596348	-	0.043999
Ttn	MmuINT0167871	chr2	76594989	76595084	-	0.050918



Ttn	MmuINT0167872	chr2	76594612	76594697	-	0.045384
Ttn	MmuINT0167873	chr2	76594144	76594323	-	0.049027
Ttn	MmuINT0167874	chr2	76593461	76593555	-	0.04197
Ttn	MmuINT0167875	chr2	76593013	76593355	-	0.051922
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Ttn	MmuINT0167877	chr2	76592720	76592814	-	0.042708
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Ttn	MmuINT0167880	chr2	76591227	76591340	-	0.055336
Ttn	MmuINT0167881	chr2	76573580	76574120	-	0.009901
Ttn	MmuINT0167882	chr2	76573158	76573282	-	0.007815
Ttn	MmuINT0167883	chr2	76572480	76572569	-	0.006796
Ttn	MmuINT0167884	chr2	76572072	76572176	-	0.006118
Ttn	MmuINT0167885	chr2	76570697	76571774	-	0.011409
Ttn	MmuINT0167886	chr2	76570300	76570408	-	0.007226
Ttn	MmuINT0167887	chr2	76790236	76790826	-	0.01762
Ttn	MmuINT0167888	chr2	76569755	76569999	-	0.006216
Ttn	MmuINT0167889	chr2	76569358	76569451	-	0.004558
Ttn	MmuINT0167890	chr2	76568947	76569051	-	0.008066
Ttn	MmuINT0167891	chr2	76566660	76567179	-	0.004002
Ttn	MmuINT0167892	chr2	76565691	76566365	-	0.004847
Ttn	MmuINT0167893	chr2	76565291	76565402	-	0.004704
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Ttn	MmuINT0167895	chr2	76562734	76562834	-	0.003735
Ttn	MmuINT0167896	chr2	76562342	76562430	-	0.004231
Ttn	MmuINT0167897	chr2	76561924	76562035	-	0.003357
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Ttn	MmuINT0167899	chr2	76561547	76561632	-	0.002512
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Ttn	MmuINT0167901	chr2	76559964	76560815	-	0.00364
Ttn	MmuINT0167902	chr2	76559573	76559657	-	0.0024
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Ttn	MmuINT0167906	chr2	76557234	76557737	-	0.001589
Ttn	MmuINT0167907	chr2	76556655	76556930	-	0.001453
Ttn	MmuINT0167908	chr2	76556253	76556351	-	0.002183
Ttn	MmuINT0167909	chr2	76789588	76789703	-	0.017134
Ttn	MmuINT0167910	chr2	76555536	76555667	-	0.001091
Ttn	MmuINT0167911	chr2	76555106	76555229	-	0.001297
Ttn	MmuINT0167912	chr2	76554173	76554805	-	0.001106
Ttn	MmuINT0167913	chr2	76553507	76553596	-	0.000891
Ttn	MmuINT0167914	chr2	76552980	76553200	-	0.001206
Ttn	MmuINT0167915	chr2	76552270	76552385	-	0.001025
Ttn	MmuINT0167917	chr2	76546373	76546504	-	0.000407
Ttn	MmuINT0167918	chr2	76545446	76546215	-	0.000746
Ttn	MmuINT0167919	chr2	76544651	76544753	-	0.00109
Ttn	MmuINT0167920	chr2	76788215	76789371	-	0.01535
Ttn	MmuINT0167921	chr2	76544030	76544496	-	0.012794
Ttn	MmuINT0167922	chr2	76543387	76543726	-	0.008012

Ttn	MmuINT0167923	chr2	76815354	76818148	-	0.071366
Ttn	MmuINT0167924	chr2	76787201	76788071	-	0.018827
Ttn	MmuINT0167925	chr2	76786478	76786994	-	0.011711
Ttn	MmuINT0167926	chr2	76786130	76786243	-	0.018113
Ttn	MmuINT0167927	chr2	76785038	76785884	-	0.012051
Ttn	MmuINT0167929	chr2	76784343	76784448	-	0.013402
Ttn	MmuINT0167930	chr2	76784060	76784173	-	0.011413
Ttn	MmuINT0167931	chr2	76782230	76782365	-	0.010286
Ttn	MmuINT0167932	chr2	76781525	76781947	-	0.009739
Ttn	MmuINT0167933	chr2	76781177	76781257	-	0.008982
Ttn	MmuINT0167934	chr2	76813256	76815149	-	0.009819
Ttn	MmuINT0167935	chr2	76780497	76780903	-	0.007759
Ttn	MmuINT0167936	chr2	76780140	76780232	-	0.01162
Ttn	MmuINT0167937	chr2	76778168	76779878	-	0.054479
Ttn	MmuINT0167938	chr2	76777365	76777906	-	0.006964
Ttn	MmuINT0167939	chr2	76777012	76777100	-	0.010258
Ttn	MmuINT0167940	chr2	76776625	76776750	-	0.007523
Ttn	MmuINT0167941	chr2	76775891	76776363	-	0.006275
Ttn	MmuINT0167942	chr2	76774834	76775629	-	0.010774
Ttn	MmuINT0167943	chr2	76774605	76774691	-	0.008516
Ttn	MmuINT0167944	chr2	76772428	76774438	-	0.006614
Ttn	MmuINT0167945	chr2	76812494	76812967	-	0.008677
Ttn	MmuINT0167946	chr2	76770788	76772195	-	0.009663
Ttn	MmuINT0167947	chr2	76770315	76770502	-	0.006482
Ttn	MmuINT0167948	chr2	76765333	76770188	-	0.009278
Ttn	MmuINT0167949	chr2	76759665	76765143	-	0.007791
Ttn	MmuINT0167950	chr2	76748011	76759607	-	0.211006
Ttn	MmuINT0167951	chr2	76744590	76745364	-	0.033188
Ttn	MmuINT0167956	chr2	76812315	76812407	-	0.009271
Ttn	MmuINT0167960	chr2	76652474	76652574	-	0.053962
Ttn	MmuINT0167961	chr2	76651669	76652194	-	0.05212
Ttn	MmuINT0167963	chr2	76650661	76650943	-	0.064687
Ttn	MmuINT0167964	chr2	76650433	76650533	-	0.053204
Ttn	MmuINT0167966	chr2	76649463	76649579	-	0.053336
Ttn	MmuINT0167967	chr2	76808009	76812072	-	0.00616
Ttn	MmuINT0167969	chr2	76648832	76648968	-	0.047402
Ttn	MmuINT0167971	chr2	76648177	76648316	-	0.055464
Ttn	MmuINT0167974	chr2	76646175	76646576	-	0.057947
Ttn	MmuINT0167978	chr2	76807350	76807677	-	0.011757
Ttn	MmuINT0167981	chr2	76637408	76637496	-	0.075253
Ttn	MmuINT0167986	chr2	76635563	76635669	-	0.067269
Ttn	MmuINT0167987	chr2	76634597	76635295	-	0.05607
Ttn	MmuINT0167988	chr2	76634238	76634326	-	0.055107
Ttn	MmuINT0167989	chr2	76806591	76807196	-	0.009002
Ttn	MmuINT0167990	chr2	76633839	76633934	-	0.051782
Ttn	MmuINT0167991	chr2	76633300	76633535	-	0.052304
Ttn	MmuINT0167992	chr2	76632971	76633111	-	0.061868
Ttn	MmuINT0167993	chr2	76632752	76632855	-	0.059719
Ttn	MmuINT0167994	chr2	76632361	76632466	-	0.049128
Ttn	MmuINT0167996	chr2	76631026	76631165	-	0.054739

Ttn	MmuINT0167998	chr2	76629831	76629920	-	0.058094
Ttn	MmuINT0168000	chr2	76805243	76806452	-	0.007721
Ttn	MmuINT0168001	chr2	76629040	76629143	-	0.058661
Ttn	MmuINT0168003	chr2	76628236	76628325	-	0.038458
Ttn	MmuINT0168004	chr2	76627769	76627935	-	0.049877
Ttn	MmuINT0168005	chr2	76627377	76627468	-	0.049589
Ttn	MmuINT0168006	chr2	76627157	76627270	-	0.055345
Ttn	MmuINT0168008	chr2	76626476	76626570	-	0.04213
Ttn	MmuINT0168009	chr2	76625384	76626196	-	0.075867
Ttn	MmuINT0168010	chr2	76624977	76625083	-	0.045911
Ttpal	MmuINT0168015	chr2	1.63E+08	1.63E+08	+	0.756018
Ttpal	MmuINT0168016	chr2	1.63E+08	1.63E+08	+	0.080763
Ttpal	MmuINT0168017	chr2	1.63E+08	1.63E+08	+	0.041524
Ttr	MmuINT0168018	chr18	20824009	20824956	+	0.006149
Ttr	MmuINT0168019	chr18	20825088	20828479	+	0.014982
Ttr	MmuINT0168020	chr18	20828616	20832131	+	0.030893
Ttyh3	MmuINT0168045	chr5	1.41E+08	1.41E+08	-	0.126048
Ttyh3	MmuINT0168046	chr5	1.41E+08	1.41E+08	-	0.033746
Ttyh3	MmuINT0168047	chr5	1.41E+08	1.41E+08	-	0.026493
Ttyh3	MmuINT0168048	chr5	1.41E+08	1.41E+08	-	0.045814
Ttyh3	MmuINT0168049	chr5	1.41E+08	1.41E+08	-	0.086378
Ttyh3	MmuINT0168050	chr5	1.41E+08	1.41E+08	-	0.030866
Ttyh3	MmuINT0168051	chr5	1.41E+08	1.41E+08	-	0.046525
Ttyh3	MmuINT0168052	chr5	1.41E+08	1.41E+08	-	0.03409
Ttyh3	MmuINT0168053	chr5	1.41E+08	1.41E+08	-	0.079768
Ttyh3	MmuINT0168054	chr5	1.41E+08	1.41E+08	-	0.0451
Ttyh3	MmuINT0168055	chr5	1.41E+08	1.41E+08	-	0.047509
Ttyh3	MmuINT0168056	chr5	1.41E+08	1.41E+08	-	0.053968
Ttyh3	MmuINT0168057	chr5	1.41E+08	1.41E+08	-	0.047779
Tuba1a	MmuINT0168069	chr15	98782123	98783881	-	0.003141
Tuba4a	MmuINT0168086	chr1	75214010	75215767	-	0.006897
Tuba4a	MmuINT0168087	chr1	75213551	75213786	-	0.001269
Tuba4a	MmuINT0168088	chr1	75213169	75213401	-	0.014163
Tuba8	MmuINT0168089	chr6	1.21E+08	1.21E+08	+	0.008775
Tuba8	MmuINT0168090	chr6	1.21E+08	1.21E+08	+	0.00247
Tuba8	MmuINT0168091	chr6	1.21E+08	1.21E+08	+	0.004884
Tuba8	MmuINT0168092	chr6	1.21E+08	1.21E+08	+	0.008523
Tubb2a	MmuINT0168099	chr13	34168527	34169741	-	0.026439
Tubb2a	MmuINT0168101	chr13	34167398	34168046	-	0.011658
Tubb3	MmuINT0168108	chr8	1.26E+08	1.26E+08	+	0.014093
Tubb5	MmuINT0168114	chr17	35973682	35974941	-	0.011929
Tubb5	MmuINT0168115	chr17	35973219	35973572	-	0.019864
Tubb5	MmuINT0168116	chr17	35972985	35973107	-	0.007658
Tubb6	MmuINT0168117	chr18	67550469	67550978	+	0.01914
Tubb6	MmuINT0168118	chr18	67551088	67552599	+	0.0149
Tubb6	MmuINT0168119	chr18	67552711	67560963	+	0.345667
Tubd1	MmuINT0168120	chr11	86358733	86362284	+	0.065021
Tubd1	MmuINT0168121	chr11	86362505	86362825	+	0.017512
Tubd1	MmuINT0168122	chr11	86362974	86366289	+	0.013779
Tubd1	MmuINT0168123	chr11	86366507	86368574	+	0.024883

Tubd1	MmuINT0168124	chr11	86368807	86371226	+	0.279124
Tubd1	MmuINT0168125	chr11	86371392	86374737	+	0.020839
Tubd1	MmuINT0168126	chr11	86374879	86379186	+	0.024207
Tubd1	MmuINT0168127	chr11	86379371	86380538	+	0.049596
Tubg1	MmuINT0168139	chr11	1.01E+08	1.01E+08	+	0.006367
Tubg1	MmuINT0168142	chr11	1.01E+08	1.01E+08	+	0.020431
Tubg1	MmuINT0168143	chr11	1.01E+08	1.01E+08	+	0.016531
Tubg1	MmuINT0168144	chr11	1.01E+08	1.01E+08	+	0.019982
Tubg1	MmuINT0168145	chr11	1.01E+08	1.01E+08	+	0.005778
Tubg2	MmuINT0168149	chr11	1.01E+08	1.01E+08	+	0.100147
Tubgcp2	MmuINT0168160	chr7	1.47E+08	1.47E+08	-	0.050627
Tubgcp2	MmuINT0168161	chr7	1.47E+08	1.47E+08	-	0.01328
Tubgcp2	MmuINT0168162	chr7	1.47E+08	1.47E+08	-	0.008364
Tubgcp2	MmuINT0168163	chr7	1.47E+08	1.47E+08	-	0.017347
Tubgcp2	MmuINT0168164	chr7	1.47E+08	1.47E+08	-	0.007961
Tubgcp2	MmuINT0168165	chr7	1.47E+08	1.47E+08	-	0.033568
Tubgcp2	MmuINT0168166	chr7	1.47E+08	1.47E+08	-	0.042531
Tubgcp2	MmuINT0168167	chr7	1.47E+08	1.47E+08	-	0.026325
Tubgcp2	MmuINT0168168	chr7	1.47E+08	1.47E+08	-	0.010157
Tubgcp2	MmuINT0168169	chr7	1.47E+08	1.47E+08	-	0.011828
Tubgcp2	MmuINT0168170	chr7	1.47E+08	1.47E+08	-	0.013794
Tubgcp2	MmuINT0168171	chr7	1.47E+08	1.47E+08	-	0.024238
Tubgcp2	MmuINT0168172	chr7	1.47E+08	1.47E+08	-	0.017815
Tubgcp2	MmuINT0168173	chr7	1.47E+08	1.47E+08	-	0.011827
Tubgcp2	MmuINT0168174	chr7	1.47E+08	1.47E+08	-	0.012263
Tubgcp2	MmuINT0168175	chr7	1.47E+08	1.47E+08	-	0.032942
Tubgcp3	MmuINT0168176	chr8	12664040	12671954	-	0.03941
Tubgcp3	MmuINT0168177	chr8	12648788	12649689	-	0.067181
Tubgcp3	MmuINT0168178	chr8	12641208	12648620	-	0.025442
Tubgcp3	MmuINT0168179	chr8	12640810	12641096	-	0.013844
Tubgcp3	MmuINT0168181	chr8	12637803	12639525	-	0.199749
Tubgcp3	MmuINT0168182	chr8	12637015	12637666	-	0.013209
Tubgcp3	MmuINT0168183	chr8	12632374	12636945	-	0.012873
Tubgcp3	MmuINT0168184	chr8	12625114	12632237	-	0.022186
Tubgcp3	MmuINT0168185	chr8	12624950	12625024	-	0.041898
Tubgcp3	MmuINT0168186	chr8	12621940	12624817	-	0.029097
Tubgcp3	MmuINT0168187	chr8	12661368	12663931	-	0.030362
Tubgcp3	MmuINT0168188	chr8	12616139	12621798	-	0.024377
Tubgcp3	MmuINT0168189	chr8	12615297	12616021	-	0.016378
Tubgcp3	MmuINT0168190	chr8	12658378	12661299	-	0.025326
Tubgcp3	MmuINT0168191	chr8	12657658	12658299	-	0.02183
Tubgcp3	MmuINT0168192	chr8	12655979	12657445	-	0.019238
Tubgcp3	MmuINT0168193	chr8	12654353	12655805	-	0.012809
Tubgcp3	MmuINT0168194	chr8	12653490	12654233	-	0.017016
Tubgcp3	MmuINT0168195	chr8	12650223	12653363	-	0.028436
Tubgcp3	MmuINT0168196	chr8	12649823	12650153	-	0.07564
Tubgcp4	MmuINT0168197	chr2	1.21E+08	1.21E+08	+	0.0213
Tubgcp4	MmuINT0168198	chr2	1.21E+08	1.21E+08	+	0.028719
Tubgcp4	MmuINT0168199	chr2	1.21E+08	1.21E+08	+	0.021642
Tubgcp4	MmuINT0168200	chr2	1.21E+08	1.21E+08	+	0.094295

Tubgcp4	MmuINT0168201	chr2	1.21E+08	1.21E+08	+	0.05878
Tubgcp4	MmuINT0168202	chr2	1.21E+08	1.21E+08	+	0.0222
Tubgcp4	MmuINT0168203	chr2	1.21E+08	1.21E+08	+	0.106476
Tubgcp4	MmuINT0168204	chr2	1.21E+08	1.21E+08	+	0.126139
Tubgcp4	MmuINT0168205	chr2	1.21E+08	1.21E+08	+	0.107753
Tubgcp4	MmuINT0168206	chr2	1.21E+08	1.21E+08	+	0.023633
Tubgcp4	MmuINT0168207	chr2	1.21E+08	1.21E+08	+	0.034113
Tubgcp4	MmuINT0168208	chr2	1.21E+08	1.21E+08	+	0.026634
Tubgcp4	MmuINT0168209	chr2	1.21E+08	1.21E+08	+	0.030357
Tubgcp4	MmuINT0168210	chr2	1.21E+08	1.21E+08	+	0.021054
Tubgcp4	MmuINT0168211	chr2	1.21E+08	1.21E+08	+	0.027483
Tubgcp4	MmuINT0168212	chr2	1.21E+08	1.21E+08	+	0.056765
Tubgcp4	MmuINT0168213	chr2	1.21E+08	1.21E+08	+	0.088392
Tubgcp5	MmuINT0168214	chr7	63049711	63051267	+	0.057218
Tubgcp5	MmuINT0168215	chr7	63062200	63063880	+	0.02522
Tubgcp5	MmuINT0168216	chr7	63064084	63068802	+	0.035697
Tubgcp5	MmuINT0168217	chr7	63068919	63070229	+	0.029701
Tubgcp5	MmuINT0168218	chr7	63070499	63071827	+	0.049474
Tubgcp5	MmuINT0168219	chr7	63072027	63072608	+	0.070183
Tubgcp5	MmuINT0168220	chr7	63072798	63074083	+	0.093384
Tubgcp5	MmuINT0168221	chr7	63074267	63077148	+	0.251127
Tubgcp5	MmuINT0168222	chr7	63077234	63077347	+	0.083581
Tubgcp5	MmuINT0168223	chr7	63077469	63078889	+	0.07121
Tubgcp5	MmuINT0168224	chr7	63079069	63080949	+	0.046856
Tubgcp5	MmuINT0168226	chr7	63081076	63081602	+	0.112849
Tubgcp5	MmuINT0168227	chr7	63081692	63084700	+	0.104032
Tubgcp5	MmuINT0168228	chr7	63084802	63086211	+	0.030264
Tubgcp5	MmuINT0168229	chr7	63051518	63054201	+	0.032937
Tubgcp5	MmuINT0168231	chr7	63054913	63055998	+	0.024093
Tubgcp5	MmuINT0168233	chr7	63060066	63060664	+	0.029102
Tubgcp5	MmuINT0168235	chr7	63061517	63061952	+	0.068932
Tubgcp6	MmuINT0168236	chr15	88951104	88952506	-	0.0465
Tubgcp6	MmuINT0168238	chr15	88936788	88936872	-	0.043988
Tubgcp6	MmuINT0168239	chr15	88936618	88936698	-	0.032819
Tubgcp6	MmuINT0168240	chr15	88935303	88936501	-	0.077802
Tubgcp6	MmuINT0168241	chr15	88934921	88935163	-	0.057968
Tubgcp6	MmuINT0168242	chr15	88934721	88934848	-	0.043456
Tubgcp6	MmuINT0168243	chr15	88933034	88933246	-	0.195784
Tubgcp6	MmuINT0168244	chr15	88932838	88932974	-	0.050999
Tubgcp6	MmuINT0168245	chr15	88932600	88932683	-	0.052439
Tubgcp6	MmuINT0168246	chr15	88932347	88932430	-	0.040084
Tubgcp6	MmuINT0168247	chr15	88946686	88950939	-	0.034354
Tubgcp6	MmuINT0168248	chr15	88931987	88932204	-	0.041217
Tubgcp6	MmuINT0168249	chr15	88931716	88931791	-	0.028858
Tubgcp6	MmuINT0168250	chr15	88931510	88931582	-	0.041954
Tubgcp6	MmuINT0168252	chr15	88930934	88931014	-	0.055503
Tubgcp6	MmuINT0168253	chr15	88941720	88946474	-	0.060813
Tubgcp6	MmuINT0168257	chr15	88939083	88939376	-	0.095776
Tubgcp6	MmuINT0168258	chr15	88938521	88938990	-	0.056668
Tubgcp6	MmuINT0168259	chr15	88937993	88938380	-	0.044272

Tulp3	MmuINT0168308	chr6	1.28E+08	1.28E+08	-	0.052431
Tulp3	MmuINT0168310	chr6	1.28E+08	1.28E+08	-	0.032961
Tulp3	MmuINT0168311	chr6	1.28E+08	1.28E+08	-	0.065891
Tulp3	MmuINT0168312	chr6	1.28E+08	1.28E+08	-	0.026511
Tulp3	MmuINT0168313	chr6	1.28E+08	1.28E+08	-	0.074291
Tulp3	MmuINT0168314	chr6	1.28E+08	1.28E+08	-	0.065337
Tulp3	MmuINT0168315	chr6	1.28E+08	1.28E+08	-	0.154946
Tulp3	MmuINT0168316	chr6	1.28E+08	1.28E+08	-	0.027903
Tulp4	MmuINT0168322	chr17	6176958	6185136	+	0.022169
Tulp4	MmuINT0168323	chr17	6185299	6198671	+	0.011651
Tulp4	MmuINT0168324	chr17	6198853	6201699	+	0.014133
Tulp4	MmuINT0168325	chr17	6201835	6206890	+	0.015753
Tulp4	MmuINT0168326	chr17	6207058	6213383	+	0.015031
Tulp4	MmuINT0168327	chr17	6213609	6214634	+	0.011128
Tusc2	MmuINT0168331	chr9	1.07E+08	1.07E+08	+	0.058436
Tusc2	MmuINT0168332	chr9	1.07E+08	1.07E+08	+	0.007372
Tusc3	MmuINT0168333	chr8	40069255	40109568	+	0.008399
Tusc3	MmuINT0168334	chr8	40109739	40126244	+	0.005553
Tusc3	MmuINT0168335	chr8	40126363	40130675	+	0.00566
Tusc3	MmuINT0168336	chr8	40130817	40134429	+	0.008642
Tusc3	MmuINT0168337	chr8	40134571	40159978	+	0.011517
Tusc3	MmuINT0168338	chr8	40160069	40189582	+	0.011589
Tusc3	MmuINT0168339	chr8	40189647	40193796	+	0.010441
Tut1	MmuINT0168344	chr19	9028512	9029876	+	0.042031
Tut1	MmuINT0168345	chr19	9030068	9033576	+	0.071107
Tut1	MmuINT0168346	chr19	9033893	9034232	+	0.04092
Tut1	MmuINT0168347	chr19	9034334	9036833	+	0.03621
Tut1	MmuINT0168348	chr19	9037313	9038509	+	0.152697
Tut1	MmuINT0168349	chr19	9038620	9038753	+	0.031702
Tut1	MmuINT0168350	chr19	9038865	9039050	+	0.035258
Tut1	MmuINT0168351	chr19	9039144	9039523	+	0.029059
Twf1	MmuINT0168352	chr15	94418737	94420182	-	0.147585
Twf1	MmuINT0168353	chr15	94416968	94418658	-	0.0052
Twf1	MmuINT0168354	chr15	94415975	94416788	-	0.025798
Twf1	MmuINT0168356	chr15	94413307	94414811	-	0.013022
Twf2	MmuINT0168360	chr9	1.06E+08	1.06E+08	+	0.857687
Twf2	MmuINT0168361	chr9	1.06E+08	1.06E+08	+	0.012041
Twf2	MmuINT0168362	chr9	1.06E+08	1.06E+08	+	0.005065
Twf2	MmuINT0168363	chr9	1.06E+08	1.06E+08	+	0.00171
Twf2	MmuINT0168364	chr9	1.06E+08	1.06E+08	+	0.010494
Twf2	MmuINT0168365	chr9	1.06E+08	1.06E+08	+	0.011334
Twf2	MmuINT0168366	chr9	1.06E+08	1.06E+08	+	0.018098
Twf2	MmuINT0168367	chr9	1.06E+08	1.06E+08	+	0.009616
Twistnb	MmuINT0168370	chr12	34114774	34118369	+	0.046274
Twistnb	MmuINT0168372	chr12	34122010	34122557	+	0.021164
Twsg1	MmuINT0168373	chr17	66298155	66300406	-	0.006589
Twsg1	MmuINT0168374	chr17	66287241	66297997	-	0.008516
Twsg1	MmuINT0168375	chr17	66279154	66287140	-	0.004389
Twsg1	MmuINT0168376	chr17	66275807	66278886	-	0.006742
Txlna	MmuINT0168389	chr4	1.29E+08	1.29E+08	-	0.012029

Txlna	MmuINT0168390	chr4	1.29E+08	1.29E+08	-	0.014526
Txlna	MmuINT0168391	chr4	1.29E+08	1.29E+08	-	0.025854
Txlna	MmuINT0168392	chr4	1.29E+08	1.29E+08	-	0.015813
Txlna	MmuINT0168393	chr4	1.29E+08	1.29E+08	-	0.008316
Txlna	MmuINT0168394	chr4	1.29E+08	1.29E+08	-	0.273888
Txlna	MmuINT0168395	chr4	1.29E+08	1.29E+08	-	0.016302
Txlna	MmuINT0168396	chr4	1.29E+08	1.29E+08	-	0.001432
Txlna	MmuINT0168397	chr4	1.29E+08	1.29E+08	-	0.009863
Txlnb	MmuINT0168398	chr10	17516228	17518893	+	0.002652
Txlnb	MmuINT0168399	chr10	17519340	17526570	+	0.001067
Txlnb	MmuINT0168400	chr10	17526663	17535034	+	0.019152
Txlnb	MmuINT0168401	chr10	17535206	17547597	+	0.00064
Txlnb	MmuINT0168402	chr10	17547793	17550041	+	0.00145
Txlnb	MmuINT0168403	chr10	17550162	17553083	+	0.025735
Txlnb	MmuINT0168404	chr10	17553159	17558713	+	0.00766
Txlnb	MmuINT0168405	chr10	17558807	17561231	+	0.002997
Txlnb	MmuINT0168406	chr10	17561328	17562503	+	0.00152
Txlng	MmuINT0168407	chrX	1.59E+08	1.59E+08	-	0.12361
Txlng	MmuINT0168412	chrX	1.59E+08	1.59E+08	-	0.065889
Txn1	MmuINT0168416	chr4	57964774	57969058	-	0.000431
Txn1	MmuINT0168417	chr4	57963771	57964668	-	0.000132
Txn2	MmuINT0168420	chr15	77758385	77759336	-	0.002626
Txn2	MmuINT0168421	chr15	77755097	77758121	-	0.000843
Txn2	MmuINT0168422	chr15	77746288	77754972	-	0.004595
Txndc11	MmuINT0168423	chr16	11128797	11134360	-	0.030112
Txndc11	MmuINT0168424	chr16	11079878	11084300	-	0.075344
Txndc11	MmuINT0168425	chr16	11075736	11079796	-	0.073814
Txndc11	MmuINT0168426	chr16	11122861	11128579	-	0.020087
Txndc11	MmuINT0168427	chr16	11117018	11122762	-	0.022478
Txndc11	MmuINT0168428	chr16	11104753	11116887	-	0.032909
Txndc11	MmuINT0168429	chr16	11094022	11104658	-	0.038874
Txndc11	MmuINT0168430	chr16	11091880	11093908	-	0.038053
Txndc11	MmuINT0168431	chr16	11088663	11091678	-	0.034982
Txndc11	MmuINT0168432	chr16	11084411	11084843	-	0.03861
Txndc12	MmuINT0168433	chr4	1.09E+08	1.09E+08	+	0.008186
Txndc12	MmuINT0168434	chr4	1.09E+08	1.09E+08	+	0.030121
Txndc12	MmuINT0168435	chr4	1.09E+08	1.09E+08	+	0.011634
Txndc12	MmuINT0168436	chr4	1.09E+08	1.09E+08	+	0.014246
Txndc12	MmuINT0168437	chr4	1.09E+08	1.09E+08	+	0.009731
Txndc12	MmuINT0168438	chr4	1.09E+08	1.09E+08	+	0.02825
Txndc15	MmuINT0168439	chr13	55816206	55819152	+	0.025668
Txndc15	MmuINT0168440	chr13	55819629	55822939	+	0.01207
Txndc15	MmuINT0168441	chr13	55823104	55825868	+	0.01174
Txndc15	MmuINT0168442	chr13	55826000	55827027	+	0.005889
Txndc16	MmuINT0168444	chr14	45785083	45785401	-	0.029788
Txndc16	MmuINT0168445	chr14	45782731	45785021	-	0.025176
Txndc16	MmuINT0168446	chr14	45782059	45782606	-	0.017896
Txndc16	MmuINT0168447	chr14	45781069	45781914	-	0.022029
Txndc16	MmuINT0168448	chr14	45771602	45781008	-	0.02104
Txndc16	MmuINT0168449	chr14	45771150	45771432	-	0.022684

Txndc16	MmuINT0168450	chr14	45767589	45771012	-	0.017029
Txndc16	MmuINT0168451	chr14	45764756	45767503	-	0.024336
Txndc16	MmuINT0168453	chr14	45760284	45761647	-	0.014352
Txndc16	MmuINT0168455	chr14	45755646	45760092	-	0.043413
Txndc16	MmuINT0168456	chr14	45830914	45832960	-	0.02137
Txndc16	MmuINT0168457	chr14	45826478	45830830	-	0.023206
Txndc16	MmuINT0168458	chr14	45825092	45826403	-	0.023616
Txndc16	MmuINT0168459	chr14	45802843	45825016	-	0.019792
Txndc16	MmuINT0168460	chr14	45792280	45802720	-	0.022233
Txndc16	MmuINT0168461	chr14	45789064	45792188	-	0.017737
Txndc16	MmuINT0168462	chr14	45785569	45788912	-	0.041137
Txndc17	MmuINT0168463	chr11	72021271	72021754	+	0.005199
Txndc17	MmuINT0168464	chr11	72021837	72022231	+	0.012876
Txndc5	MmuINT0168484	chr13	38615348	38620056	-	0.006533
Txndc5	MmuINT0168485	chr13	38610958	38615197	-	0.008156
Txndc5	MmuINT0168486	chr13	38605034	38610851	-	0.008464
Txndc5	MmuINT0168487	chr13	38602112	38604936	-	0.01481
Txndc5	MmuINT0168488	chr13	38599850	38601995	-	0.016197
Txndc5	MmuINT0168489	chr13	38598959	38599762	-	0.011598
Txndc5	MmuINT0168490	chr13	38596676	38598817	-	0.011544
Txndc5	MmuINT0168491	chr13	38595430	38596592	-	0.010665
Txndc5	MmuINT0168492	chr13	38593578	38595299	-	0.014826
Txnip	MmuINT0168510	chr3	96362888	96362992	+	0.036994
Txnip	MmuINT0168511	chr3	96363141	96363255	+	0.030928
Txnip	MmuINT0168512	chr3	96363359	96363511	+	0.030148
Txnip	MmuINT0168513	chr3	96363769	96363860	+	0.068671
Txnip	MmuINT0168514	chr3	96364018	96364130	+	0.046575
Txnip	MmuINT0168515	chr3	96364283	96364401	+	0.036019
Txnl1	MmuINT0168516	chr18	63841962	63851729	-	0.002302
Txnl1	MmuINT0168517	chr18	63839181	63841864	-	0.001202
Txnl1	MmuINT0168518	chr18	63836656	63839006	-	0.001739
Txnl1	MmuINT0168519	chr18	63835168	63836532	-	0.001821
Txnl1	MmuINT0168520	chr18	63833876	63835097	-	0.00196
Txnl1	MmuINT0168521	chr18	63831341	63833702	-	0.001547
Txnl4a	MmuINT0168524	chr18	80415547	80418917	+	0.003017
Txnl4a	MmuINT0168526	chr18	80404083	80406800	+	0.018842
Txnl4a	MmuINT0168527	chr18	80406870	80408151	+	0.048018
Txnl4b	MmuINT0168529	chr8	1.12E+08	1.12E+08	+	0.010612
Txnrd1	MmuINT0168533	chr10	82322046	82337357	+	0.058696
Txnrd1	MmuINT0168534	chr10	82347844	82347930	+	0.005534
Txnrd1	MmuINT0168535	chr10	82348039	82349917	+	0.011359
Txnrd1	MmuINT0168536	chr10	82350014	82353128	+	0.014413
Txnrd1	MmuINT0168537	chr10	82353264	82358721	+	0.006444
Txnrd1	MmuINT0168538	chr10	82337481	82338368	+	0.031961
Txnrd1	MmuINT0168539	chr10	82338442	82340010	+	0.009021
Txnrd1	MmuINT0168540	chr10	82340131	82341950	+	0.006149
Txnrd1	MmuINT0168541	chr10	82342094	82342494	+	0.014664
Txnrd1	MmuINT0168542	chr10	82342611	82344467	+	0.00792
Txnrd1	MmuINT0168543	chr10	82344694	82346658	+	0.004158
Txnrd1	MmuINT0168544	chr10	82346752	82347229	+	0.00412



Txnrd1	MmuINT0168545	chr10	82347307	82347686	+	0.004783
Txnrd2	MmuINT0168546	chr16	18454674	18456116	+	0.023778
Txnrd2	MmuINT0168547	chr16	18456292	18468842	+	0.005061
Txnrd2	MmuINT0168548	chr16	18468980	18472246	+	0.010859
Txnrd2	MmuINT0168549	chr16	18472343	18472886	+	0.008508
Txnrd2	MmuINT0168550	chr16	18472980	18474774	+	0.008989
Txnrd2	MmuINT0168551	chr16	18474847	18475614	+	0.012616
Txnrd2	MmuINT0168552	chr16	18475713	18477743	+	0.006082
Txnrd2	MmuINT0168553	chr16	18477951	18478950	+	0.007606
Txnrd2	MmuINT0168554	chr16	18429970	18436653	+	0.013622
Txnrd2	MmuINT0168555	chr16	18436711	18437594	+	0.005358
Txnrd2	MmuINT0168556	chr16	18437740	18438411	+	0.165529
Txnrd2	MmuINT0168557	chr16	18438487	18440885	+	0.007545
Txnrd2	MmuINT0168558	chr16	18440965	18441840	+	0.006834
Txnrd2	MmuINT0168559	chr16	18441904	18443296	+	0.00637
Txnrd2	MmuINT0168560	chr16	18443368	18453813	+	0.004859
Txnrd2	MmuINT0168561	chr16	18453834	18454581	+	0.033744
Txnrd3	MmuINT0168562	chr6	89594397	89600519	+	0.020656
Txnrd3	MmuINT0168563	chr6	89615787	89619298	+	0.021808
Txnrd3	MmuINT0168564	chr6	89619376	89619811	+	0.025757
Txnrd3	MmuINT0168565	chr6	89619969	89622164	+	0.01001
Txnrd3	MmuINT0168566	chr6	89622273	89622961	+	0.015447
Txnrd3	MmuINT0168567	chr6	89623058	89624054	+	0.00813
Txnrd3	MmuINT0168568	chr6	89624190	89624722	+	0.015946
Txnrd3	MmuINT0168569	chr6	89600581	89601492	+	0.015716
Txnrd3	MmuINT0168570	chr6	89601603	89604047	+	0.014048
Txnrd3	MmuINT0168571	chr6	89604153	89604342	+	0.022396
Txnrd3	MmuINT0168572	chr6	89604416	89606021	+	0.016779
Txnrd3	MmuINT0168573	chr6	89606142	89611452	+	0.011533
Txnrd3	MmuINT0168574	chr6	89611596	89613070	+	0.027957
Txnrd3	MmuINT0168575	chr6	89613187	89614371	+	0.014398
Txnrd3	MmuINT0168576	chr6	89614598	89615693	+	0.009456
Tyk2	MmuINT0168578	chr9	20933156	20935615	-	0.035235
Tyk2	MmuINT0168579	chr9	20920475	20920576	-	0.058499
Tyk2	MmuINT0168580	chr9	20920192	20920278	-	0.054053
Tyk2	MmuINT0168581	chr9	20919993	20920087	-	0.053478
Tyk2	MmuINT0168582	chr9	20919724	20919815	-	0.073779
Tyk2	MmuINT0168583	chr9	20918765	20919635	-	0.048442
Tyk2	MmuINT0168584	chr9	20915825	20918636	-	0.06112
Tyk2	MmuINT0168585	chr9	20915605	20915688	-	0.021443
Tyk2	MmuINT0168586	chr9	20915047	20915449	-	0.02426
Tyk2	MmuINT0168587	chr9	20914676	20914895	-	0.017557
Tyk2	MmuINT0168588	chr9	20913872	20914577	-	0.139782
Tyk2	MmuINT0168590	chr9	20913337	20913678	-	0.03657
Tyk2	MmuINT0168591	chr9	20912482	20913217	-	0.102668
Tyk2	MmuINT0168592	chr9	20912045	20912308	-	0.16642
Tyk2	MmuINT0168593	chr9	20909819	20911926	-	0.044823
Tyk2	MmuINT0168594	chr9	20909628	20909707	-	0.039686
Tyk2	MmuINT0168595	chr9	20929426	20931567	-	0.038618
Tyk2	MmuINT0168596	chr9	20929003	20929307	-	0.02747

Tyk2	MmuINT0168597	chr9	20928585	20928854	-	0.113363
Tyk2	MmuINT0168598	chr9	20926203	20928420	-	0.029007
Tyk2	MmuINT0168599	chr9	20925148	20925835	-	0.089474
Tyk2	MmuINT0168600	chr9	20924862	20924946	-	0.033846
Tyk2	MmuINT0168601	chr9	20920686	20924703	-	0.048232
Tymp	MmuINT0168609	chr15	89204255	89204362	-	0.42608
Tyms	MmuINT0168613	chr5	30389952	30390624	-	0.047912
Tyrobp	MmuINT0168638	chr7	31198919	31199360	+	0.009605
Tyrobp	MmuINT0168639	chr7	31199388	31199522	+	0.04072
Tyrobp	MmuINT0168640	chr7	31199670	31200650	+	0.018689
Tyrobp	MmuINT0168641	chr7	31200695	31202362	+	0.019919
Tysnd1	MmuINT0168649	chr10	61159491	61161045	+	0.054768
Tysnd1	MmuINT0168650	chr10	61161177	61162190	+	0.032023
Tysnd1	MmuINT0168651	chr10	61162377	61164781	+	0.052745
Tyw1	MmuINT0168654	chr5	1.31E+08	1.31E+08	+	0.029116
Tyw1	MmuINT0168655	chr5	1.31E+08	1.31E+08	+	0.015501
Tyw1	MmuINT0168656	chr5	1.31E+08	1.31E+08	+	0.022082
Tyw1	MmuINT0168657	chr5	1.31E+08	1.31E+08	+	0.034454
Tyw1	MmuINT0168658	chr5	1.31E+08	1.31E+08	+	0.028228
Tyw1	MmuINT0168660	chr5	1.31E+08	1.31E+08	+	0.028637
Tyw1	MmuINT0168661	chr5	1.31E+08	1.31E+08	+	0.047025
Tyw1	MmuINT0168662	chr5	1.31E+08	1.31E+08	+	0.033798
Tyw1	MmuINT0168663	chr5	1.31E+08	1.31E+08	+	0.023957
Tyw1	MmuINT0168664	chr5	1.31E+08	1.31E+08	+	0.030347
Tyw1	MmuINT0168665	chr5	1.31E+08	1.31E+08	+	0.031378
U2af1l4	MmuINT0168691	chr7	31348419	31348550	+	0.066897
U2af1l4	MmuINT0168692	chr7	31348639	31348948	+	0.018632
U2af1l4	MmuINT0168693	chr7	31349016	31349100	+	0.015319
U2af1l4	MmuINT0168694	chr7	31349151	31349221	+	0.007128
U2af1l4	MmuINT0168695	chr7	31349321	31349492	+	0.038451
U2af1l4	MmuINT0168696	chr7	31349627	31349721	+	0.022911
U2af1l4	MmuINT0168697	chr7	31349818	31350113	+	0.027148
U2af2	MmuINT0168698	chr7	5013939	5018004	+	0.011438
U2af2	MmuINT0168700	chr7	5027319	5030783	+	0.001486
U2af2	MmuINT0168701	chr7	5018141	5018811	+	0.011672
Uaca	MmuINT0168729	chr9	60642500	60688646	+	0.007832
Uaca	MmuINT0168730	chr9	60707025	60708858	+	0.009268
Uaca	MmuINT0168731	chr9	60708967	60711197	+	0.008987
Uaca	MmuINT0168732	chr9	60711231	60711406	+	0.009566
Uaca	MmuINT0168733	chr9	60711506	60714171	+	0.086058
Uaca	MmuINT0168734	chr9	60714209	60715238	+	0.011469
Uaca	MmuINT0168735	chr9	60715292	60717381	+	0.008194
Uaca	MmuINT0168736	chr9	60720091	60721839	+	0.015555
Uaca	MmuINT0168737	chr9	60721993	60724168	+	0.016831
Uaca	MmuINT0168738	chr9	60724235	60727980	+	0.009089
Uaca	MmuINT0168739	chr9	60688781	60693799	+	0.012022
Uaca	MmuINT0168740	chr9	60693889	60696428	+	0.021742
Uaca	MmuINT0168741	chr9	60696494	60697251	+	0.015198
Uaca	MmuINT0168742	chr9	60697310	60697936	+	0.014113
Uaca	MmuINT0168743	chr9	60698008	60698107	+	0.008276

Uaca	MmuINT0168744	chr9	60698215	60702122	+	0.009586
Uaca	MmuINT0168745	chr9	60702311	60704004	+	0.011757
Uaca	MmuINT0168746	chr9	60704043	60706946	+	0.010648
Uap1	MmuINT0168747	chr1	1.72E+08	1.72E+08	-	0.020024
Uap1	MmuINT0168748	chr1	1.72E+08	1.72E+08	-	0.008017
Uap1	MmuINT0168749	chr1	1.72E+08	1.72E+08	-	0.018321
Uap1	MmuINT0168750	chr1	1.72E+08	1.72E+08	-	0.003989
Uap1	MmuINT0168751	chr1	1.72E+08	1.72E+08	-	0.004815
Uap1	MmuINT0168752	chr1	1.72E+08	1.72E+08	-	0.005752
Uap1	MmuINT0168753	chr1	1.72E+08	1.72E+08	-	0.003346
Uap1	MmuINT0168754	chr1	1.72E+08	1.72E+08	-	0.005028
Uap1	MmuINT0168755	chr1	1.72E+08	1.72E+08	-	0.099292
Uap1	MmuINT0168756	chr1	1.72E+08	1.72E+08	-	0.132856
Uap1l1	MmuINT0168757	chr2	25220606	25220846	-	0.047807
Uap1l1	MmuINT0168758	chr2	25220208	25220400	-	0.039982
Uap1l1	MmuINT0168759	chr2	25219794	25220031	-	0.057215
Uap1l1	MmuINT0168760	chr2	25219520	25219620	-	0.018839
Uap1l1	MmuINT0168761	chr2	25218905	25219325	-	0.046795
Uap1l1	MmuINT0168762	chr2	25218369	25218763	-	0.147826
Uap1l1	MmuINT0168763	chr2	25217658	25218182	-	0.09817
Uap1l1	MmuINT0168764	chr2	25217260	25217590	-	0.040566
Uba1	MmuINT0168765	chrX	20240252	20245574	+	0.009094
Uba1	MmuINT0168766	chrX	20248963	20249096	+	0.001207
Uba1	MmuINT0168767	chrX	20249274	20249369	+	0.001805
Uba1	MmuINT0168768	chrX	20249475	20249560	+	0.002217
Uba1	MmuINT0168769	chrX	20249642	20249941	+	0.005695
Uba1	MmuINT0168770	chrX	20250098	20252711	+	0.003508
Uba1	MmuINT0168771	chrX	20252878	20253004	+	0.002505
Uba1	MmuINT0168772	chrX	20253202	20255324	+	0.009193
Uba1	MmuINT0168773	chrX	20255390	20255714	+	0.011219
Uba1	MmuINT0168774	chrX	20255911	20256516	+	0.003093
Uba1	MmuINT0168775	chrX	20256592	20256718	+	0.004723
Uba1	MmuINT0168776	chrX	20245692	20245817	+	0.001608
Uba1	MmuINT0168777	chrX	20256909	20257908	+	0.015785
Uba1	MmuINT0168778	chrX	20257998	20258233	+	0.002956
Uba1	MmuINT0168779	chrX	20258327	20258448	+	0.003864
Uba1	MmuINT0168780	chrX	20258641	20259028	+	0.001622
Uba1	MmuINT0168781	chrX	20259131	20259234	+	0.002219
Uba1	MmuINT0168782	chrX	20259336	20259503	+	0.007271
Uba1	MmuINT0168783	chrX	20245877	20245974	+	0.002278
Uba1	MmuINT0168784	chrX	20246144	20246253	+	0.001824
Uba1	MmuINT0168785	chrX	20246389	20247329	+	0.001533
Uba1	MmuINT0168786	chrX	20247437	20247669	+	0.002327
Uba1	MmuINT0168787	chrX	20247761	20247866	+	0.002927
Uba1	MmuINT0168788	chrX	20248000	20248481	+	0.002339
Uba1	MmuINT0168789	chrX	20248580	20248815	+	0.001653
Uba2	MmuINT0168791	chr7	34950505	34953391	-	0.010175
Uba2	MmuINT0168792	chr7	34936108	34939502	-	0.017927
Uba2	MmuINT0168793	chr7	34935920	34936013	-	0.010911
Uba2	MmuINT0168794	chr7	34932695	34935806	-	0.008509

Uba2	MmuINT0168795	chr7	34931321	34932538	-	0.030803
Uba2	MmuINT0168796	chr7	34929615	34931223	-	0.036294
Uba2	MmuINT0168797	chr7	34927894	34929508	-	0.056315
Uba2	MmuINT0168798	chr7	34926486	34927756	-	0.070462
Uba2	MmuINT0168799	chr7	34949475	34950420	-	0.012097
Uba2	MmuINT0168800	chr7	34948238	34949403	-	0.017371
Uba2	MmuINT0168801	chr7	34946657	34948172	-	0.011402
Uba2	MmuINT0168802	chr7	34943959	34946555	-	0.009968
Uba2	MmuINT0168803	chr7	34943066	34943836	-	0.008725
Uba2	MmuINT0168804	chr7	34942384	34942997	-	0.013164
Uba2	MmuINT0168805	chr7	34941004	34942261	-	0.009197
Uba2	MmuINT0168806	chr7	34939664	34940903	-	0.007997
Uba3	MmuINT0168808	chr6	97155342	97155526	-	0.027517
Uba3	MmuINT0168809	chr6	97139637	97139747	-	0.003654
Uba3	MmuINT0168810	chr6	97136711	97139522	-	0.009068
Uba3	MmuINT0168811	chr6	97136268	97136656	-	0.001113
Uba3	MmuINT0168812	chr6	97136145	97136230	-	0.006541
Uba3	MmuINT0168813	chr6	97135745	97136062	-	0.006593
Uba3	MmuINT0168814	chr6	97135541	97135643	-	0.003162
Uba3	MmuINT0168815	chr6	97135390	97135476	-	0.013868
Uba3	MmuINT0168817	chr6	97153589	97155299	-	0.057053
Uba3	MmuINT0168819	chr6	97149316	97151910	-	0.029996
Uba3	MmuINT0168820	chr6	97146912	97149232	-	0.00577
Uba3	MmuINT0168821	chr6	97142779	97146830	-	0.01069
Uba3	MmuINT0168822	chr6	97141585	97142734	-	0.006803
Uba3	MmuINT0168823	chr6	97141243	97141519	-	0.000294
Uba3	MmuINT0168824	chr6	97139851	97141086	-	0.001238
Uba5	MmuINT0168825	chr9	1.04E+08	1.04E+08	-	0.192312
Uba5	MmuINT0168826	chr9	1.04E+08	1.04E+08	-	0.01244
Uba5	MmuINT0168827	chr9	1.04E+08	1.04E+08	-	0.009299
Uba5	MmuINT0168828	chr9	1.04E+08	1.04E+08	-	0.040181
Uba5	MmuINT0168829	chr9	1.04E+08	1.04E+08	-	0.253711
Uba5	MmuINT0168830	chr9	1.04E+08	1.04E+08	-	0.032338
Uba5	MmuINT0168831	chr9	1.04E+08	1.04E+08	-	0.015257
Uba5	MmuINT0168832	chr9	1.04E+08	1.04E+08	-	0.009055
Uba5	MmuINT0168833	chr9	1.04E+08	1.04E+08	-	0.021185
Uba5	MmuINT0168834	chr9	1.04E+08	1.04E+08	-	0.01168
Uba5	MmuINT0168835	chr9	1.04E+08	1.04E+08	-	0.012384
Uba6	MmuINT0168839	chr5	86599643	86601692	-	0.064086
Uba6	MmuINT0168840	chr5	86577957	86579034	-	0.061753
Uba6	MmuINT0168841	chr5	86576907	86577893	-	0.053484
Uba6	MmuINT0168842	chr5	86576167	86576829	-	0.065974
Uba6	MmuINT0168844	chr5	86571498	86573359	-	0.066522
Uba6	MmuINT0168845	chr5	86570652	86571429	-	0.050852
Uba6	MmuINT0168846	chr5	86569462	86570572	-	0.081707
Uba6	MmuINT0168847	chr5	86566920	86569380	-	0.052597
Uba6	MmuINT0168848	chr5	86565516	86566841	-	0.047349
Uba6	MmuINT0168849	chr5	86564105	86565333	-	0.04961
Uba6	MmuINT0168851	chr5	86561733	86563998	-	0.052784
Uba6	MmuINT0168852	chr5	86561548	86561642	-	0.039794

Uba6	MmuINT0168853	chr5	86560367	86561466	-	0.047821
Uba6	MmuINT0168854	chr5	86557905	86560237	-	0.045517
Uba6	MmuINT0168856	chr5	86556795	86557700	-	0.061215
Uba6	MmuINT0168858	chr5	86553454	86555493	-	0.054045
Uba6	MmuINT0168859	chr5	86551524	86553335	-	0.02489
Uba6	MmuINT0168860	chr5	86549681	86551329	-	0.044962
Uba6	MmuINT0168861	chr5	86593133	86593721	-	0.042749
Uba6	MmuINT0168862	chr5	86548446	86549552	-	0.034654
Uba6	MmuINT0168863	chr5	86547144	86548357	-	0.03817
Uba6	MmuINT0168864	chr5	86541814	86547048	-	0.054947
Uba6	MmuINT0168865	chr5	86589399	86593103	-	0.046276
Uba6	MmuINT0168866	chr5	86588341	86589303	-	0.06092
Uba6	MmuINT0168867	chr5	86583460	86588228	-	0.046925
Uba6	MmuINT0168869	chr5	86581716	86581850	-	0.046055
Uba6	MmuINT0168870	chr5	86579139	86581591	-	0.061022
Uba7	MmuINT0168871	chr9	1.08E+08	1.08E+08	+	0.043321
Uba7	MmuINT0168872	chr9	1.08E+08	1.08E+08	+	0.0244
Uba7	MmuINT0168873	chr9	1.08E+08	1.08E+08	+	0.02004
Uba7	MmuINT0168874	chr9	1.08E+08	1.08E+08	+	0.189875
Uba7	MmuINT0168875	chr9	1.08E+08	1.08E+08	+	0.03208
Uba7	MmuINT0168876	chr9	1.08E+08	1.08E+08	+	0.013077
Uba7	MmuINT0168877	chr9	1.08E+08	1.08E+08	+	0.400119
Uba7	MmuINT0168878	chr9	1.08E+08	1.08E+08	+	0.01503
Uba7	MmuINT0168879	chr9	1.08E+08	1.08E+08	+	0.075385
Uba7	MmuINT0168880	chr9	1.08E+08	1.08E+08	+	0.036633
Uba7	MmuINT0168881	chr9	1.08E+08	1.08E+08	+	0.074305
Uba7	MmuINT0168882	chr9	1.08E+08	1.08E+08	+	0.047992
Uba7	MmuINT0168883	chr9	1.08E+08	1.08E+08	+	0.251001
Uba7	MmuINT0168884	chr9	1.08E+08	1.08E+08	+	0.127328
Uba7	MmuINT0168885	chr9	1.08E+08	1.08E+08	+	0.075015
Uba7	MmuINT0168886	chr9	1.08E+08	1.08E+08	+	0.247086
Uba7	MmuINT0168887	chr9	1.08E+08	1.08E+08	+	0.021559
Uba7	MmuINT0168888	chr9	1.08E+08	1.08E+08	+	0.122483
Uba7	MmuINT0168889	chr9	1.08E+08	1.08E+08	+	0.092926
Uba7	MmuINT0168890	chr9	1.08E+08	1.08E+08	+	0.171249
Uba7	MmuINT0168891	chr9	1.08E+08	1.08E+08	+	0.023432
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Uba7	MmuINT0168893	chr9	1.08E+08	1.08E+08	+	0.053277
Uba1	MmuINT0168895	chr2	25870486	25871815	-	0.014901
Uba1	MmuINT0168898	chr2	25864490	25864680	-	0.003414
Uba1	MmuINT0168899	chr2	25863474	25864380	-	0.020367
Uba1	MmuINT0168900	chr2	25862134	25863238	-	0.002867
Uba1	MmuINT0168901	chr2	25860985	25862046	-	0.010987
Uba1	MmuINT0168902	chr2	25854588	25860845	-	0.024282
Uba2	MmuINT0168903	chr14	1.22E+08	1.22E+08	+	0.010131
Uba2	MmuINT0168904	chr14	1.22E+08	1.22E+08	+	0.01236
Uba2	MmuINT0168905	chr14	1.22E+08	1.22E+08	+	0.007284
Uba2	MmuINT0168906	chr14	1.22E+08	1.22E+08	+	0.007007
Uba2	MmuINT0168907	chr14	1.22E+08	1.22E+08	+	0.009751
Uba2	MmuINT0168908	chr14	1.22E+08	1.22E+08	+	0.00679

Ubac2	MmuINT0168909	chr14	1.22E+08	1.22E+08	+	0.006871
Ubac2	MmuINT0168910	chr14	1.22E+08	1.22E+08	+	0.01042
Ubp1	MmuINT0168911	chr4	41296265	41313922	+	0.01178
Ubp1	MmuINT0168912	chr4	41313964	41318757	+	0.013269
Ubp1	MmuINT0168913	chr4	41318883	41325979	+	0.011251
Ubp1	MmuINT0168914	chr4	41326904	41334207	+	0.007574
Ubp1	MmuINT0168915	chr4	41334391	41335128	+	0.015056
Ubp1	MmuINT0168916	chr4	41335231	41335713	+	0.009853
Ubp2	MmuINT0168917	chr4	41198705	41222072	-	0.013641
Ubp2	MmuINT0168918	chr4	41163667	41165343	-	0.007259
Ubp2	MmuINT0168919	chr4	41158928	41163598	-	0.007979
Ubp2	MmuINT0168920	chr4	41156603	41158737	-	0.014416
Ubp2	MmuINT0168921	chr4	41154138	41156385	-	0.002873
Ubp2	MmuINT0168922	chr4	41153359	41153865	-	0.003599
Ubp2	MmuINT0168923	chr4	41152771	41153185	-	0.01471
Ubp2	MmuINT0168924	chr4	41150606	41152556	-	0.007108
Ubp2	MmuINT0168925	chr4	41149491	41150565	-	0.02065
Ubp2	MmuINT0168926	chr4	41148567	41149306	-	0.014405
Ubp2	MmuINT0168927	chr4	41146936	41148496	-	0.007006
Ubp2	MmuINT0168928	chr4	41182628	41198567	-	0.005776
Ubp2	MmuINT0168929	chr4	41146619	41146748	-	0.005186
Ubp2	MmuINT0168930	chr4	41146299	41146526	-	0.008489
Ubp2	MmuINT0168931	chr4	41143842	41146250	-	0.022015
Ubp2	MmuINT0168932	chr4	41143567	41143762	-	0.015217
Ubp2	MmuINT0168933	chr4	41143077	41143360	-	0.003185
Ubp2	MmuINT0168934	chr4	41142887	41142976	-	0.002765
Ubp2	MmuINT0168935	chr4	41142706	41142778	-	0.00729
Ubp2	MmuINT0168936	chr4	41142559	41142640	-	0.00486
Ubp2	MmuINT0168937	chr4	41142280	41142366	-	0.019742
Ubp2	MmuINT0168938	chr4	41180748	41182549	-	0.006026
Ubp2	MmuINT0168939	chr4	41176882	41180636	-	0.002851
Ubp2	MmuINT0168940	chr4	41174310	41176727	-	0.003758
Ubp2	MmuINT0168941	chr4	41173368	41174231	-	0.006207
Ubp2	MmuINT0168942	chr4	41170493	41173312	-	0.006891
Ubp2	MmuINT0168943	chr4	41168655	41170388	-	0.01005
Ubp2	MmuINT0168944	chr4	41165397	41168588	-	0.009502
Ubp2l	MmuINT0168951	chr3	89829157	89830514	-	0.003738
Ubp2l	MmuINT0168952	chr3	89827552	89828984	-	0.000936
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Ubp2l	MmuINT0168955	chr3	89823264	89824818	-	0.004641
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Ubp2l	MmuINT0168957	chr3	89821212	89822335	-	0.004838
Ubp2l	MmuINT0168958	chr3	89820694	89821036	-	0.003213
Ubp2l	MmuINT0168959	chr3	89819420	89820620	-	0.002959
Ubp2l	MmuINT0168960	chr3	89848854	89851691	-	0.002846
Ubp2l	MmuINT0168961	chr3	89819141	89819223	-	0.000676
Ubp2l	MmuINT0168962	chr3	89816662	89819051	-	0.012455
Ubp2l	MmuINT0168963	chr3	89814437	89816607	-	0.00497
Ubp2l	MmuINT0168964	chr3	89813250	89814354	-	0.020563

Ubp2l	MmuINT0168966	chr3	89807235	89812177	-	0.062641
Ubp2l	MmuINT0168967	chr3	89806399	89807166	-	0.01767
Ubp2l	MmuINT0168968	chr3	89805791	89806200	-	0.101091
Ubp2l	MmuINT0168969	chr3	89804176	89805739	-	0.348956
Ubp2l	MmuINT0168970	chr3	89847733	89848775	-	0.004027
Ubp2l	MmuINT0168972	chr3	89838623	89842291	-	0.006766
Ubp2l	MmuINT0168973	chr3	89838100	89838576	-	0.004648
Ubp2l	MmuINT0168974	chr3	89835293	89837986	-	0.022551
Ubc	MmuINT0169004	chr5	1.26E+08	1.26E+08	-	0.419172
Ube2a	MmuINT0169006	chrX	34414525	34414705	+	0.006547
Ube2a	MmuINT0169007	chrX	34414787	34415161	+	0.002917
Ube2a	MmuINT0169008	chrX	34415188	34421651	+	0.014668
Ube2a	MmuINT0169009	chrX	34421742	34422593	+	0.003165
Ube2a	MmuINT0169010	chrX	34422683	34423006	+	0.002575
Ube2b	MmuINT0169011	chr11	51811401	51813794	-	0.001666
Ube2b	MmuINT0169012	chr11	51808902	51811319	-	0.051589
Ube2b	MmuINT0169013	chr11	51804986	51808875	-	0.028127
Ube2b	MmuINT0169014	chr11	51802203	51804895	-	0.018129
Ube2b	MmuINT0169015	chr11	51800313	51802113	-	0.001358
Ube2c	MmuINT0169016	chr2	1.65E+08	1.65E+08	+	0.047348
Ube2c	MmuINT0169018	chr2	1.65E+08	1.65E+08	+	0.064362
Ube2cbp	MmuINT0169029	chr9	86201484	86265947	-	0.052708
Ube2d1	MmuINT0169030	chr10	70725011	70747848	-	0.008483
Ube2d1	MmuINT0169031	chr10	70724864	70724946	-	0.009082
Ube2d1	MmuINT0169032	chr10	70722568	70724831	-	0.041813
Ube2d1	MmuINT0169033	chr10	70721055	70722489	-	0.027141
Ube2d1	MmuINT0169034	chr10	70719457	70720948	-	0.024722
Ube2d1	MmuINT0169035	chr10	70718623	70719362	-	0.004397
Ube2d3	MmuINT0169042	chr3	1.35E+08	1.35E+08	+	0.057095
Ube2e1	MmuINT0169050	chr14	19163649	19164200	-	0.066477
Ube2e1	MmuINT0169051	chr14	19158945	19163463	-	0.010514
Ube2e2	MmuINT0169054	chr14	19720964	19726098	-	0.028384
Ube2e2	MmuINT0169055	chr14	19704059	19720779	-	0.019968
Ube2e2	MmuINT0169056	chr14	19462946	19704007	-	0.027275
Ube2e2	MmuINT0169057	chr14	19419513	19462812	-	0.022435
Ube2e2	MmuINT0169058	chr14	19406906	19419364	-	0.018914
Ube2e3	MmuINT0169059	chr2	78709563	78710613	+	0.005245
Ube2e3	MmuINT0169060	chr2	78710836	78712578	+	0.00379
Ube2e3	MmuINT0169061	chr2	78712630	78753830	+	0.00272
Ube2e3	MmuINT0169062	chr2	78753964	78758843	+	0.00213
Ube2e3	MmuINT0169063	chr2	78758992	78760114	+	0.00195
Ube2f	MmuINT0169065	chr1	93150971	93158843	+	0.000565
Ube2f	MmuINT0169069	chr1	93173034	93174837	+	0.00238
Ube2g1	MmuINT0169073	chr11	72421138	72476572	+	0.020412
Ube2g1	MmuINT0169074	chr11	72476676	72486461	+	0.002566
Ube2g1	MmuINT0169075	chr11	72486560	72491206	+	0.002123
Ube2g1	MmuINT0169076	chr11	72491386	72492870	+	0.002817
Ube2g1	MmuINT0169077	chr11	72492995	72497025	+	0.018696
Ube2g2	MmuINT0169078	chr10	77085162	77093470	+	0.004262
Ube2g2	MmuINT0169079	chr10	77093507	77093593	+	0.004925

Ube2g2	MmuINT0169080	chr10	77093640	77104204	+	0.003865
Ube2g2	MmuINT0169081	chr10	77104324	77106213	+	0.004286
Ube2g2	MmuINT0169082	chr10	77106355	77107191	+	0.003808
Ube2i	MmuINT0169086	chr17	25406425	25409482	-	0.341097
Ube2j1	MmuINT0169094	chr4	33118592	33123683	+	0.029561
Ube2j1	MmuINT0169095	chr4	33123758	33125173	+	0.007934
Ube2j1	MmuINT0169096	chr4	33125306	33127707	+	0.008159
Ube2j1	MmuINT0169097	chr4	33127793	33128330	+	0.004529
Ube2j1	MmuINT0169098	chr4	33128437	33130831	+	0.010444
Ube2j1	MmuINT0169099	chr4	33130962	33132054	+	0.026947
Ube2j1	MmuINT0169100	chr4	33132175	33136656	+	0.043626
Ube2j2	MmuINT0169102	chr4	1.55E+08	1.55E+08	+	0.078117
Ube2k	MmuINT0169109	chr5	65928786	65957227	+	0.003246
Ube2k	MmuINT0169110	chr5	65957322	65962770	+	0.003014
Ube2k	MmuINT0169111	chr5	65962830	65972624	+	0.003548
Ube2k	MmuINT0169112	chr5	65972708	65983114	+	0.003977
Ube2k	MmuINT0169113	chr5	65983215	65985658	+	0.001687
Ube2k	MmuINT0169114	chr5	65985788	65986113	+	0.00252
Ube2l6	MmuINT0169118	chr2	84639090	84642935	+	0.040632
Ube2l6	MmuINT0169119	chr2	84643032	84646493	+	0.048956
Ube2l6	MmuINT0169120	chr2	84646681	84649161	+	0.022234
Ube2m	MmuINT0169121	chr7	13622010	13622969	-	0.005761
Ube2m	MmuINT0169123	chr7	13621665	13621782	-	0.00151
Ube2m	MmuINT0169124	chr7	13621255	13621560	-	0.007153
Ube2m	MmuINT0169125	chr7	13621104	13621190	-	0.006779
Ube2o	MmuINT0169129	chr11	1.16E+08	1.16E+08	-	0.038623
Ube2o	MmuINT0169130	chr11	1.16E+08	1.16E+08	-	0.013228
Ube2o	MmuINT0169131	chr11	1.16E+08	1.16E+08	-	0.009067
Ube2o	MmuINT0169132	chr11	1.16E+08	1.16E+08	-	0.013261
Ube2o	MmuINT0169133	chr11	1.16E+08	1.16E+08	-	0.019609
Ube2o	MmuINT0169134	chr11	1.16E+08	1.16E+08	-	0.010313
Ube2o	MmuINT0169135	chr11	1.16E+08	1.16E+08	-	0.017041
Ube2o	MmuINT0169136	chr11	1.16E+08	1.16E+08	-	0.014849
Ube2o	MmuINT0169137	chr11	1.16E+08	1.16E+08	-	0.010762
Ube2o	MmuINT0169138	chr11	1.16E+08	1.16E+08	-	0.020488
Ube2o	MmuINT0169139	chr11	1.16E+08	1.16E+08	-	0.017467
Ube2o	MmuINT0169140	chr11	1.16E+08	1.16E+08	-	0.014491
Ube2o	MmuINT0169141	chr11	1.16E+08	1.16E+08	-	0.021441
Ube2o	MmuINT0169142	chr11	1.16E+08	1.16E+08	-	0.020542
Ube2o	MmuINT0169143	chr11	1.16E+08	1.16E+08	-	0.014355
Ube2o	MmuINT0169144	chr11	1.16E+08	1.16E+08	-	0.071817
Ube2o	MmuINT0169145	chr11	1.16E+08	1.16E+08	-	0.022476
Ube2q1	MmuINT0169146	chr3	89577961	89579998	+	0.067207
Ube2q1	MmuINT0169147	chr3	89585018	89585289	+	0.037812
Ube2q1	MmuINT0169148	chr3	89585386	89585692	+	0.037887
Ube2q1	MmuINT0169149	chr3	89585760	89586178	+	0.036774
Ube2q1	MmuINT0169150	chr3	89580104	89580433	+	0.019649
Ube2q1	MmuINT0169151	chr3	89580539	89581152	+	0.008349
Ube2q1	MmuINT0169152	chr3	89581204	89583350	+	0.007426
Ube2q1	MmuINT0169153	chr3	89583492	89583676	+	0.008116



Ube2q1	MmuINT0169154	chr3	89583762	89584358	+	0.056423
Ube2q1	MmuINT0169155	chr3	89584420	89584608	+	0.035591
Ube2q1	MmuINT0169156	chr3	89584700	89584810	+	0.027086
Ube2q1	MmuINT0169157	chr3	89584870	89584968	+	0.034523
Ube2ql1	MmuINT0169170	chr13	69843052	69877435	-	0.018156
Ube2r2	MmuINT0169171	chr4	41083280	41121073	+	0.001229
Ube2r2	MmuINT0169172	chr4	41121161	41130277	+	0.003376
Ube2r2	MmuINT0169173	chr4	41130376	41136184	+	0.001621
Ube2r2	MmuINT0169174	chr4	41136320	41137637	+	0.001545
Ube2s	MmuINT0169175	chr7	4763159	4763764	-	0.011537
Ube2t	MmuINT0169178	chr1	1.37E+08	1.37E+08	+	0.042234
Ube2t	MmuINT0169181	chr1	1.37E+08	1.37E+08	+	0.033177
Ube2t	MmuINT0169182	chr1	1.37E+08	1.37E+08	+	0.033613
Ube2t	MmuINT0169183	chr1	1.37E+08	1.37E+08	+	0.043585
Ube2v1	MmuINT0169192	chr2	1.67E+08	1.67E+08	-	0.000116
Ube2w	MmuINT0169199	chr1	16592435	16609317	-	0.032691
Ube2w	MmuINT0169200	chr1	16588135	16592342	-	0.011635
Ube2w	MmuINT0169201	chr1	16575513	16588031	-	0.020256
Ube2w	MmuINT0169202	chr1	16572084	16575356	-	0.021638
Ube2w	MmuINT0169203	chr1	16561364	16572007	-	0.011869
Ube2z	MmuINT0169204	chr11	95924382	95926265	-	0.01077
Ube2z	MmuINT0169205	chr11	95922439	95924308	-	0.007458
Ube2z	MmuINT0169206	chr11	95919742	95922250	-	0.013888
Ube2z	MmuINT0169207	chr11	95917265	95919629	-	0.00399
Ube2z	MmuINT0169208	chr11	95913139	95917151	-	0.008979
Ube2z	MmuINT0169209	chr11	95911729	95913047	-	0.006271
Ube3a	MmuINT0169211	chr7	66543932	66544076	+	0.005375
Ube3a	MmuINT0169212	chr7	66559182	66560179	+	0.008004
Ube3a	MmuINT0169213	chr7	66496404	66498719	+	0.051532
Ube3a	MmuINT0169214	chr7	66498840	66502542	+	0.032252
Ube3a	MmuINT0169215	chr7	66502588	66527316	+	0.012879
Ube3a	MmuINT0169216	chr7	66527607	66531137	+	0.00507
Ube3a	MmuINT0169217	chr7	66532385	66540049	+	0.00896
Ube3a	MmuINT0169218	chr7	66540195	66541423	+	0.005167
Ube3a	MmuINT0169219	chr7	66541630	66542237	+	0.005271
Ube3a	MmuINT0169220	chr7	66542403	66543775	+	0.006205
Ube3b	MmuINT0169221	chr5	1.15E+08	1.15E+08	+	0.005643
Ube3b	MmuINT0169222	chr5	1.15E+08	1.15E+08	+	0.003699
Ube3b	MmuINT0169223	chr5	1.15E+08	1.15E+08	+	0.003317
Ube3b	MmuINT0169224	chr5	1.15E+08	1.15E+08	+	0.002705
Ube3b	MmuINT0169225	chr5	1.15E+08	1.15E+08	+	0.003076
Ube3b	MmuINT0169226	chr5	1.15E+08	1.15E+08	+	0.01943
Ube3b	MmuINT0169227	chr5	1.15E+08	1.15E+08	+	0.015368
Ube3b	MmuINT0169228	chr5	1.15E+08	1.15E+08	+	0.003107
Ube3b	MmuINT0169229	chr5	1.15E+08	1.15E+08	+	0.002746
Ube3b	MmuINT0169230	chr5	1.15E+08	1.15E+08	+	0.004129
Ube3b	MmuINT0169231	chr5	1.15E+08	1.15E+08	+	0.002045
Ube3b	MmuINT0169232	chr5	1.15E+08	1.15E+08	+	0.002281
Ube3b	MmuINT0169233	chr5	1.15E+08	1.15E+08	+	0.002
Ube3b	MmuINT0169234	chr5	1.15E+08	1.15E+08	+	0.003256

Ube3b	MmuINT0169235	chr5	1.15E+08	1.15E+08	+	0.004922
Ube3b	MmuINT0169236	chr5	1.15E+08	1.15E+08	+	0.005086
Ube3b	MmuINT0169237	chr5	1.15E+08	1.15E+08	+	0.009607
Ube3b	MmuINT0169238	chr5	1.15E+08	1.15E+08	+	0.004365
Ube3b	MmuINT0169239	chr5	1.15E+08	1.15E+08	+	0.004593
Ube3b	MmuINT0169240	chr5	1.15E+08	1.15E+08	+	0.003428
Ube3b	MmuINT0169241	chr5	1.15E+08	1.15E+08	+	0.001889
Ube3b	MmuINT0169242	chr5	1.15E+08	1.15E+08	+	0.003242
Ube3b	MmuINT0169243	chr5	1.15E+08	1.15E+08	+	0.005023
Ube3b	MmuINT0169244	chr5	1.15E+08	1.15E+08	+	0.003821
Ube3b	MmuINT0169245	chr5	1.15E+08	1.15E+08	+	0.00355
Ube3b	MmuINT0169246	chr5	1.15E+08	1.15E+08	+	0.004942
Ube3b	MmuINT0169247	chr5	1.15E+08	1.15E+08	+	0.010351
Ube3c	MmuINT0169248	chr5	29896121	29913814	+	0.034768
Ube3c	MmuINT0169249	chr5	29933635	29941447	+	0.00865
Ube3c	MmuINT0169250	chr5	29941535	29945767	+	0.005451
Ube3c	MmuINT0169251	chr5	29945926	29946094	+	0.004707
Ube3c	MmuINT0169252	chr5	29946328	29957731	+	0.005814
Ube3c	MmuINT0169253	chr5	29957837	29959289	+	0.006683
Ube3c	MmuINT0169254	chr5	29959378	29962170	+	0.008854
Ube3c	MmuINT0169255	chr5	29962269	29964177	+	0.006584
Ube3c	MmuINT0169256	chr5	29964311	29972949	+	0.005096
Ube3c	MmuINT0169257	chr5	29973198	29984749	+	0.013376
Ube3c	MmuINT0169258	chr5	29984963	29990002	+	0.005892
Ube3c	MmuINT0169259	chr5	29913869	29916427	+	0.011982
Ube3c	MmuINT0169260	chr5	29990192	29990315	+	0.006859
Ube3c	MmuINT0169261	chr5	29990383	29994453	+	0.009155
Ube3c	MmuINT0169262	chr5	29994585	30000938	+	0.004901
Ube3c	MmuINT0169263	chr5	29916503	29917349	+	0.011638
Ube3c	MmuINT0169264	chr5	29917497	29923608	+	0.009142
Ube3c	MmuINT0169265	chr5	29923725	29925398	+	0.007994
Ube3c	MmuINT0169266	chr5	29925557	29927180	+	0.007387
Ube3c	MmuINT0169267	chr5	29927335	29927671	+	0.005653
Ube3c	MmuINT0169268	chr5	29927893	29928735	+	0.004568
Ube3c	MmuINT0169269	chr5	29928888	29933446	+	0.007351
Ube4a	MmuINT0169270	chr9	44771516	44773567	-	0.030124
Ube4a	MmuINT0169271	chr9	44753009	44754266	-	0.016641
Ube4a	MmuINT0169272	chr9	44750954	44752887	-	0.013207
Ube4a	MmuINT0169273	chr9	44749370	44750648	-	0.011213
Ube4a	MmuINT0169274	chr9	44748232	44749236	-	0.013331
Ube4a	MmuINT0169275	chr9	44746033	44748043	-	0.01385
Ube4a	MmuINT0169277	chr9	44741562	44743409	-	0.017435
Ube4a	MmuINT0169278	chr9	44740573	44741380	-	0.131227
Ube4a	MmuINT0169279	chr9	44737903	44740424	-	0.017927
Ube4a	MmuINT0169280	chr9	44734059	44737744	-	0.059589
Ube4a	MmuINT0169281	chr9	44768223	44771419	-	0.01746
Ube4a	MmuINT0169283	chr9	44760186	44761024	-	0.013265
Ube4a	MmuINT0169284	chr9	44759017	44760072	-	0.026485
Ube4a	MmuINT0169285	chr9	44757976	44758863	-	0.01459
Ube4a	MmuINT0169286	chr9	44757068	44757815	-	0.011595

Ube4a	MmuINT0169287	chr9	44756301	44756864	-	0.009388
Ube4a	MmuINT0169288	chr9	44754601	44756108	-	0.084314
Ube4b	MmuINT0169289	chr4	1.49E+08	1.49E+08	-	0.012195
Ube4b	MmuINT0169290	chr4	1.49E+08	1.49E+08	-	0.031021
Ube4b	MmuINT0169291	chr4	1.49E+08	1.49E+08	-	0.010935
Ube4b	MmuINT0169292	chr4	1.49E+08	1.49E+08	-	0.010511
Ube4b	MmuINT0169293	chr4	1.49E+08	1.49E+08	-	0.018565
Ube4b	MmuINT0169294	chr4	1.49E+08	1.49E+08	-	0.015589
Ube4b	MmuINT0169295	chr4	1.49E+08	1.49E+08	-	0.010951
Ube4b	MmuINT0169296	chr4	1.49E+08	1.49E+08	-	0.010595
Ube4b	MmuINT0169297	chr4	1.49E+08	1.49E+08	-	0.009474
Ube4b	MmuINT0169298	chr4	1.49E+08	1.49E+08	-	0.010225
Ube4b	MmuINT0169299	chr4	1.49E+08	1.49E+08	-	0.010074
Ube4b	MmuINT0169300	chr4	1.49E+08	1.49E+08	-	0.067954
Ube4b	MmuINT0169301	chr4	1.49E+08	1.49E+08	-	0.013405
Ube4b	MmuINT0169302	chr4	1.49E+08	1.49E+08	-	0.009545
Ube4b	MmuINT0169303	chr4	1.49E+08	1.49E+08	-	0.016189
Ube4b	MmuINT0169304	chr4	1.49E+08	1.49E+08	-	0.035496
Ube4b	MmuINT0169305	chr4	1.49E+08	1.49E+08	-	0.044211
Ube4b	MmuINT0169306	chr4	1.49E+08	1.49E+08	-	0.010028
Ube4b	MmuINT0169307	chr4	1.49E+08	1.49E+08	-	0.022488
Ube4b	MmuINT0169308	chr4	1.49E+08	1.49E+08	-	0.01
Ube4b	MmuINT0169309	chr4	1.49E+08	1.49E+08	-	0.01797
Ube4b	MmuINT0169310	chr4	1.49E+08	1.49E+08	-	0.010599
Ube4b	MmuINT0169311	chr4	1.49E+08	1.49E+08	-	0.086956
Ube4b	MmuINT0169312	chr4	1.49E+08	1.49E+08	-	0.010394
Ube4b	MmuINT0169313	chr4	1.49E+08	1.49E+08	-	0.011121
Ube4b	MmuINT0169314	chr4	1.49E+08	1.49E+08	-	0.024449
Ubfd1	MmuINT0169315	chr7	1.29E+08	1.29E+08	+	0.012579
Ubfd1	MmuINT0169316	chr7	1.29E+08	1.29E+08	+	0.006769
Ubfd1	MmuINT0169317	chr7	1.29E+08	1.29E+08	+	0.012849
Ubfd1	MmuINT0169318	chr7	1.29E+08	1.29E+08	+	0.00932
Ubfd1	MmuINT0169319	chr7	1.29E+08	1.29E+08	+	0.022549
Ubfd1	MmuINT0169320	chr7	1.29E+08	1.29E+08	+	0.022505
Ubiad1	MmuINT0169321	chr4	1.48E+08	1.48E+08	-	0.04084
Ubl3	MmuINT0169322	chr5	1.49E+08	1.49E+08	-	0.005513
Ubl3	MmuINT0169323	chr5	1.49E+08	1.49E+08	-	0.003686
Ubl3	MmuINT0169324	chr5	1.49E+08	1.49E+08	-	0.005392
Ubl3	MmuINT0169325	chr5	1.49E+08	1.49E+08	-	0.007668
Ubl4	MmuINT0169326	chrX	71613598	71613754	-	0.005652
Ubl4	MmuINT0169327	chrX	71613249	71613491	-	0.010789
Ubl4	MmuINT0169328	chrX	71612926	71613039	-	0.007764
Ubl5	MmuINT0169329	chr9	20449338	20449636	+	0.005317
Ubl5	MmuINT0169330	chr9	20449704	20449849	+	0.003694
Ubl5	MmuINT0169331	chr9	20449934	20450065	+	0.002554
Ubl5	MmuINT0169332	chr9	20450104	20451059	+	0.00175
Ubl7	MmuINT0169334	chr9	57771085	57777519	+	0.002734
Ubl7	MmuINT0169335	chr9	57760658	57762360	+	0.004991
Ubl7	MmuINT0169336	chr9	57762481	57767115	+	0.006881
Ubl7	MmuINT0169337	chr9	57767199	57767845	+	0.003083

Ubl7	MmuINT0169338	chr9	57767931	57768310	+	0.005867
Ubl7	MmuINT0169339	chr9	57768369	57769433	+	0.004325
Ubl7	MmuINT0169340	chr9	57769568	57769782	+	0.00347
Ubl7	MmuINT0169341	chr9	57769833	57770257	+	0.003143
Ubl7	MmuINT0169342	chr9	57770426	57770961	+	0.002509
Ublcp1	MmuINT0169343	chr11	44280514	44283929	-	0.006863
Ubn1	MmuINT0169354	chr16	5072277	5072399	+	0.013339
Ubn1	MmuINT0169355	chr16	5072519	5073101	+	0.015298
Ubn1	MmuINT0169356	chr16	5073231	5073414	+	0.019857
Ubn1	MmuINT0169357	chr16	5073562	5074414	+	0.029745
Ubn1	MmuINT0169358	chr16	5074466	5074562	+	0.024377
Ubn1	MmuINT0169359	chr16	5074606	5076984	+	0.022254
Ubn1	MmuINT0169360	chr16	5078209	5081510	+	0.041547
Ubn1	MmuINT0169361	chr16	5081755	5081986	+	0.062202
Ubn1	MmuINT0169362	chr16	5082077	5084148	+	0.053056
Ubn1	MmuINT0169364	chr16	5055458	5062074	+	0.025111
Ubn1	MmuINT0169365	chr16	5062162	5062627	+	0.017743
Ubn1	MmuINT0169366	chr16	5062724	5063032	+	0.019735
Ubn1	MmuINT0169367	chr16	5063168	5063765	+	0.01435
Ubn1	MmuINT0169368	chr16	5063870	5064440	+	0.014832
Ubn1	MmuINT0169369	chr16	5064880	5070741	+	0.134917
Ubn1	MmuINT0169370	chr16	5070813	5072146	+	0.033426
Ubn2	MmuINT0169371	chr6	38384599	38390454	+	0.072581
Ubn2	MmuINT0169372	chr6	38432617	38433118	+	0.049963
Ubn2	MmuINT0169373	chr6	38433263	38434074	+	0.063186
Ubn2	MmuINT0169376	chr6	38441932	38448687	+	0.121486
Ubn2	MmuINT0169377	chr6	38448920	38449186	+	0.029768
Ubn2	MmuINT0169378	chr6	38449277	38452237	+	0.035032
Ubn2	MmuINT0169379	chr6	38390548	38402869	+	0.051112
Ubn2	MmuINT0169380	chr6	38402972	38411474	+	0.045778
Ubn2	MmuINT0169381	chr6	38411613	38412962	+	0.032507
Ubn2	MmuINT0169382	chr6	38413067	38413553	+	0.04884
Ubn2	MmuINT0169383	chr6	38414044	38420151	+	0.079627
Ubn2	MmuINT0169384	chr6	38420223	38429063	+	0.046585
Ubn2	MmuINT0169385	chr6	38429194	38431803	+	0.033148
Ubn2	MmuINT0169386	chr6	38431923	38432502	+	0.053757
Ubox5	MmuINT0169388	chr2	1.3E+08	1.3E+08	-	0.043134
Ubox5	MmuINT0169389	chr2	1.3E+08	1.3E+08	-	0.035483
Ubox5	MmuINT0169390	chr2	1.3E+08	1.3E+08	-	0.057246
Ubp1	MmuINT0169394	chr9	1.14E+08	1.14E+08	+	0.007143
Ubp1	MmuINT0169395	chr9	1.14E+08	1.14E+08	+	0.00792
Ubp1	MmuINT0169396	chr9	1.14E+08	1.14E+08	+	0.057776
Ubp1	MmuINT0169397	chr9	1.14E+08	1.14E+08	+	0.025216
Ubp1	MmuINT0169398	chr9	1.14E+08	1.14E+08	+	0.06487
Ubp1	MmuINT0169399	chr9	1.14E+08	1.14E+08	+	0.037486
Ubp1	MmuINT0169400	chr9	1.14E+08	1.14E+08	+	0.011132
Ubp1	MmuINT0169401	chr9	1.14E+08	1.14E+08	+	0.006477
Ubp1	MmuINT0169402	chr9	1.14E+08	1.14E+08	+	0.007538
Ubp1	MmuINT0169403	chr9	1.14E+08	1.14E+08	+	0.175989
Ubp1	MmuINT0169404	chr9	1.14E+08	1.14E+08	+	0.017382

Ubp1	MmuINT0169405	chr9	1.14E+08	1.14E+08	+	0.011809
Ubp1	MmuINT0169406	chr9	1.14E+08	1.14E+08	+	0.018398
Ubp1	MmuINT0169407	chr9	1.14E+08	1.14E+08	+	0.006207
Ubqln1	MmuINT0169408	chr13	58300432	58316644	-	0.007454
Ubqln1	MmuINT0169409	chr13	58279390	58280588	-	0.005926
Ubqln1	MmuINT0169410	chr13	58298034	58300279	-	0.004771
Ubqln1	MmuINT0169411	chr13	58294876	58297917	-	0.003158
Ubqln1	MmuINT0169412	chr13	58293597	58294612	-	0.003634
Ubqln1	MmuINT0169413	chr13	58293327	58293437	-	0.004045
Ubqln1	MmuINT0169414	chr13	58284686	58293082	-	0.007061
Ubqln1	MmuINT0169415	chr13	58282267	58284542	-	0.048682
Ubqln1	MmuINT0169416	chr13	58281030	58282182	-	0.028381
Ubqln1	MmuINT0169417	chr13	58280755	58280913	-	0.00423
Ubqln4	MmuINT0169420	chr3	88357835	88359259	+	0.022677
Ubqln4	MmuINT0169421	chr3	88369800	88372002	+	0.022053
Ubqln4	MmuINT0169422	chr3	88359412	88359711	+	0.003959
Ubqln4	MmuINT0169423	chr3	88359915	88360578	+	0.003834
Ubqln4	MmuINT0169424	chr3	88360842	88363539	+	0.014574
Ubqln4	MmuINT0169425	chr3	88363699	88367029	+	0.020714
Ubqln4	MmuINT0169426	chr3	88367256	88368291	+	0.049248
Ubqln4	MmuINT0169427	chr3	88368432	88368928	+	0.004059
Ubqln4	MmuINT0169428	chr3	88369013	88369134	+	0.016431
Ubqln4	MmuINT0169429	chr3	88369251	88369612	+	0.003583
Ubr1	MmuINT0169430	chr2	1.21E+08	1.21E+08	-	0.031771
Ubr1	MmuINT0169431	chr2	1.21E+08	1.21E+08	-	0.030648
Ubr1	MmuINT0169432	chr2	1.21E+08	1.21E+08	-	0.02541
Ubr1	MmuINT0169433	chr2	1.21E+08	1.21E+08	-	0.039259
Ubr1	MmuINT0169434	chr2	1.21E+08	1.21E+08	-	0.024991
Ubr1	MmuINT0169435	chr2	1.21E+08	1.21E+08	-	0.029058
Ubr1	MmuINT0169436	chr2	1.21E+08	1.21E+08	-	0.033149
Ubr1	MmuINT0169439	chr2	1.21E+08	1.21E+08	-	0.026334
Ubr1	MmuINT0169440	chr2	1.21E+08	1.21E+08	-	0.034417
Ubr1	MmuINT0169442	chr2	1.21E+08	1.21E+08	-	0.042523
Ubr1	MmuINT0169446	chr2	1.21E+08	1.21E+08	-	0.047143
Ubr1	MmuINT0169447	chr2	1.21E+08	1.21E+08	-	0.017917
Ubr1	MmuINT0169448	chr2	1.21E+08	1.21E+08	-	0.026534
Ubr1	MmuINT0169449	chr2	1.21E+08	1.21E+08	-	0.020747
Ubr1	MmuINT0169450	chr2	1.21E+08	1.21E+08	-	0.02096
Ubr1	MmuINT0169451	chr2	1.21E+08	1.21E+08	-	0.023652
Ubr1	MmuINT0169453	chr2	1.21E+08	1.21E+08	-	0.019285
Ubr1	MmuINT0169454	chr2	1.21E+08	1.21E+08	-	0.026261
Ubr1	MmuINT0169455	chr2	1.21E+08	1.21E+08	-	0.019204
Ubr1	MmuINT0169456	chr2	1.21E+08	1.21E+08	-	0.057386
Ubr1	MmuINT0169457	chr2	1.21E+08	1.21E+08	-	0.030399
Ubr1	MmuINT0169458	chr2	1.21E+08	1.21E+08	-	0.026478
Ubr1	MmuINT0169459	chr2	1.21E+08	1.21E+08	-	0.026844
Ubr1	MmuINT0169460	chr2	1.21E+08	1.21E+08	-	0.025221
Ubr1	MmuINT0169461	chr2	1.21E+08	1.21E+08	-	0.026633
Ubr1	MmuINT0169462	chr2	1.21E+08	1.21E+08	-	0.033704
Ubr1	MmuINT0169463	chr2	1.21E+08	1.21E+08	-	0.031078

Ubr1	MmuINT0169464	chr2	1.21E+08	1.21E+08	-	0.048301
Ubr1	MmuINT0169465	chr2	1.21E+08	1.21E+08	-	0.058135
Ubr1	MmuINT0169466	chr2	1.21E+08	1.21E+08	-	0.088589
Ubr1	MmuINT0169467	chr2	1.21E+08	1.21E+08	-	0.05965
Ubr1	MmuINT0169468	chr2	1.21E+08	1.21E+08	-	0.09534
Ubr1	MmuINT0169469	chr2	1.21E+08	1.21E+08	-	0.017644
Ubr1	MmuINT0169470	chr2	1.21E+08	1.21E+08	-	0.020453
Ubr1	MmuINT0169471	chr2	1.21E+08	1.21E+08	-	0.040166
Ubr1	MmuINT0169472	chr2	1.21E+08	1.21E+08	-	0.040869
Ubr1	MmuINT0169473	chr2	1.21E+08	1.21E+08	-	0.034916
Ubr1	MmuINT0169474	chr2	1.21E+08	1.21E+08	-	0.036118
Ubr1	MmuINT0169475	chr2	1.21E+08	1.21E+08	-	0.047056
Ubr2	MmuINT0169478	chr17	47137795	47147090	-	0.005652
Ubr2	MmuINT0169479	chr17	47117537	47118302	-	0.13505
Ubr2	MmuINT0169481	chr17	47112789	47112875	-	0.004503
Ubr2	MmuINT0169482	chr17	47110995	47112688	-	0.005864
Ubr2	MmuINT0169483	chr17	47109997	47110865	-	0.00555
Ubr2	MmuINT0169484	chr17	47107112	47109812	-	0.007335
Ubr2	MmuINT0169485	chr17	47106251	47107049	-	0.009494
Ubr2	MmuINT0169486	chr17	47105399	47106139	-	0.007061
Ubr2	MmuINT0169487	chr17	47104262	47105332	-	0.005278
Ubr2	MmuINT0169488	chr17	47104045	47104138	-	0.005937
Ubr2	MmuINT0169489	chr17	47130019	47137534	-	0.008703
Ubr2	MmuINT0169490	chr17	47103215	47103980	-	0.008645
Ubr2	MmuINT0169491	chr17	47101759	47103089	-	0.006334
Ubr2	MmuINT0169492	chr17	47100740	47101705	-	0.007943
Ubr2	MmuINT0169493	chr17	47100145	47100636	-	0.010297
Ubr2	MmuINT0169494	chr17	47098603	47100095	-	0.008092
Ubr2	MmuINT0169495	chr17	47096516	47098447	-	0.013428
Ubr2	MmuINT0169496	chr17	47094364	47096412	-	0.007769
Ubr2	MmuINT0169497	chr17	47094144	47094253	-	0.005716
Ubr2	MmuINT0169498	chr17	47093686	47094062	-	0.004924
Ubr2	MmuINT0169499	chr17	47092931	47093506	-	0.002514
Ubr2	MmuINT0169500	chr17	47128055	47129939	-	0.008325
Ubr2	MmuINT0169501	chr17	47091913	47092730	-	0.023531
Ubr2	MmuINT0169502	chr17	47091009	47091818	-	0.010512
Ubr2	MmuINT0169503	chr17	47088935	47090846	-	0.003967
Ubr2	MmuINT0169504	chr17	47085601	47088830	-	0.005732
Ubr2	MmuINT0169505	chr17	47083116	47085521	-	0.005803
Ubr2	MmuINT0169506	chr17	47082051	47082966	-	0.032037
Ubr2	MmuINT0169507	chr17	47081837	47081994	-	0.007713
Ubr2	MmuINT0169508	chr17	47081525	47081739	-	0.005044
Ubr2	MmuINT0169509	chr17	47080422	47081456	-	0.01407
Ubr2	MmuINT0169510	chr17	47079760	47080285	-	0.007316
Ubr2	MmuINT0169511	chr17	47125733	47127940	-	0.007504
Ubr2	MmuINT0169512	chr17	47078084	47079668	-	0.004834
Ubr2	MmuINT0169513	chr17	47076360	47077952	-	0.006816
Ubr2	MmuINT0169514	chr17	47075656	47076250	-	0.004754
Ubr2	MmuINT0169515	chr17	47072461	47075598	-	0.024716
Ubr2	MmuINT0169516	chr17	47071195	47072382	-	0.012424

Ubr2	MmuINT0169517	chr17	47069504	47071023	-	0.062074
Ubr2	MmuINT0169518	chr17	47067450	47069401	-	0.15619
Ubr2	MmuINT0169519	chr17	47123733	47125601	-	0.005698
Ubr2	MmuINT0169520	chr17	47123001	47123593	-	0.010199
Ubr2	MmuINT0169521	chr17	47120291	47122937	-	0.009746
Ubr2	MmuINT0169522	chr17	47119323	47120169	-	0.006742
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Ubr3	MmuINT0169524	chr2	69735897	69752470	+	0.009642
Ubr3	MmuINT0169525	chr2	69783205	69786480	+	0.005286
Ubr3	MmuINT0169526	chr2	69786568	69789399	+	0.005707
Ubr3	MmuINT0169527	chr2	69789466	69789556	+	0.005741
Ubr3	MmuINT0169528	chr2	69789647	69790797	+	0.003304
Ubr3	MmuINT0169529	chr2	69790927	69791544	+	0.0037
Ubr3	MmuINT0169530	chr2	69791598	69791699	+	0.004725
Ubr3	MmuINT0169531	chr2	69791834	69792332	+	0.005362
Ubr3	MmuINT0169532	chr2	69792419	69794021	+	0.003901
Ubr3	MmuINT0169533	chr2	69794164	69797623	+	0.003344
Ubr3	MmuINT0169534	chr2	69797721	69803430	+	0.00825
Ubr3	MmuINT0169535	chr2	69803573	69808193	+	0.00243
Ubr3	MmuINT0169536	chr2	69808299	69809116	+	0.002301
Ubr3	MmuINT0169537	chr2	69809291	69811205	+	0.075251
Ubr3	MmuINT0169538	chr2	69811667	69815775	+	0.002848
Ubr3	MmuINT0169539	chr2	69815865	69817375	+	0.002618
Ubr3	MmuINT0169540	chr2	69817526	69821184	+	0.001915
Ubr3	MmuINT0169541	chr2	69821319	69826842	+	0.002586
Ubr3	MmuINT0169542	chr2	69829695	69831732	+	0.01185
Ubr3	MmuINT0169543	chr2	69831870	69838514	+	0.011325
Ubr3	MmuINT0169544	chr2	69755293	69760301	+	0.002821
Ubr3	MmuINT0169545	chr2	69838601	69841410	+	0.003156
Ubr3	MmuINT0169546	chr2	69841517	69847159	+	0.007179
Ubr3	MmuINT0169547	chr2	69847264	69851146	+	0.002406
Ubr3	MmuINT0169548	chr2	69851272	69854188	+	0.002811
Ubr3	MmuINT0169549	chr2	69854297	69854396	+	0.003255
Ubr3	MmuINT0169550	chr2	69854523	69856449	+	0.005248
Ubr3	MmuINT0169551	chr2	69856630	69858507	+	0.005549
Ubr3	MmuINT0169552	chr2	69858718	69859168	+	0.003392
Ubr3	MmuINT0169553	chr2	69859309	69859599	+	0.002501
Ubr3	MmuINT0169554	chr2	69760446	69760940	+	0.003084
Ubr3	MmuINT0169555	chr2	69760991	69772445	+	0.003892
Ubr3	MmuINT0169556	chr2	69772513	69773948	+	0.005397
Ubr3	MmuINT0169557	chr2	69774080	69776140	+	0.003033
Ubr3	MmuINT0169558	chr2	69776370	69782356	+	0.003764
Ubr3	MmuINT0169559	chr2	69782537	69783070	+	0.002857
Ubr4	MmuINT0169561	chr4	1.39E+08	1.39E+08	+	0.024111
Ubr4	MmuINT0169562	chr4	1.39E+08	1.39E+08	+	0.029774
Ubr4	MmuINT0169563	chr4	1.39E+08	1.39E+08	+	0.024256
Ubr4	MmuINT0169564	chr4	1.39E+08	1.39E+08	+	0.004759
Ubr4	MmuINT0169565	chr4	1.39E+08	1.39E+08	+	0.023228
Ubr4	MmuINT0169566	chr4	1.39E+08	1.39E+08	+	0.005407
Ubr4	MmuINT0169567	chr4	1.39E+08	1.39E+08	+	0.033817

Ubr4	MmuINT0169568	chr4	1.39E+08	1.39E+08	+	0.014969
Ubr4	MmuINT0169569	chr4	1.39E+08	1.39E+08	+	0.031362
Ubr4	MmuINT0169570	chr4	1.39E+08	1.39E+08	+	0.039318
Ubr4	MmuINT0169571	chr4	1.39E+08	1.39E+08	+	0.021446
Ubr4	MmuINT0169572	chr4	1.39E+08	1.39E+08	+	0.021787
Ubr4	MmuINT0169573	chr4	1.39E+08	1.39E+08	+	0.013174
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Ubr4	MmuINT0169575	chr4	1.39E+08	1.39E+08	+	0.020942
Ubr4	MmuINT0169576	chr4	1.39E+08	1.39E+08	+	0.017111
Ubr4	MmuINT0169577	chr4	1.39E+08	1.39E+08	+	0.01945
Ubr4	MmuINT0169578	chr4	1.39E+08	1.39E+08	+	0.023899
Ubr4	MmuINT0169579	chr4	1.39E+08	1.39E+08	+	0.016607
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Ubr4	MmuINT0169581	chr4	1.39E+08	1.39E+08	+	0.022925
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Ubr4	MmuINT0169583	chr4	1.39E+08	1.39E+08	+	0.016569
Ubr4	MmuINT0169584	chr4	1.39E+08	1.39E+08	+	0.017735
Ubr4	MmuINT0169585	chr4	1.39E+08	1.39E+08	+	0.025026
Ubr4	MmuINT0169586	chr4	1.39E+08	1.39E+08	+	0.019522
Ubr4	MmuINT0169587	chr4	1.39E+08	1.39E+08	+	0.019085
Ubr4	MmuINT0169588	chr4	1.39E+08	1.39E+08	+	0.015087
Ubr4	MmuINT0169589	chr4	1.39E+08	1.39E+08	+	0.035269
Ubr4	MmuINT0169590	chr4	1.39E+08	1.39E+08	+	0.023377
Ubr4	MmuINT0169591	chr4	1.39E+08	1.39E+08	+	0.016276
Ubr4	MmuINT0169592	chr4	1.39E+08	1.39E+08	+	0.01475
Ubr4	MmuINT0169593	chr4	1.39E+08	1.39E+08	+	0.018195
Ubr4	MmuINT0169594	chr4	1.39E+08	1.39E+08	+	0.020328
Ubr4	MmuINT0169595	chr4	1.39E+08	1.39E+08	+	0.021281
Ubr4	MmuINT0169596	chr4	1.39E+08	1.39E+08	+	0.019312
Ubr4	MmuINT0169597	chr4	1.39E+08	1.39E+08	+	0.017976
Ubr4	MmuINT0169598	chr4	1.39E+08	1.39E+08	+	0.014517
Ubr4	MmuINT0169599	chr4	1.39E+08	1.39E+08	+	0.010812
Ubr4	MmuINT0169600	chr4	1.39E+08	1.39E+08	+	0.02579
Ubr4	MmuINT0169601	chr4	1.39E+08	1.39E+08	+	0.016639
Ubr4	MmuINT0169602	chr4	1.39E+08	1.39E+08	+	0.0153
Ubr4	MmuINT0169603	chr4	1.39E+08	1.39E+08	+	0.0122
Ubr4	MmuINT0169604	chr4	1.39E+08	1.39E+08	+	0.01224
Ubr4	MmuINT0169605	chr4	1.39E+08	1.39E+08	+	0.019253
Ubr4	MmuINT0169606	chr4	1.39E+08	1.39E+08	+	0.014527
Ubr4	MmuINT0169607	chr4	1.39E+08	1.39E+08	+	0.011313
Ubr4	MmuINT0169608	chr4	1.39E+08	1.39E+08	+	0.010849
Ubr4	MmuINT0169609	chr4	1.39E+08	1.39E+08	+	0.014949
Ubr4	MmuINT0169611	chr4	1.39E+08	1.39E+08	+	0.03103
Ubr4	MmuINT0169612	chr4	1.39E+08	1.39E+08	+	0.01471
Ubr4	MmuINT0169613	chr4	1.39E+08	1.39E+08	+	0.016399
Ubr4	MmuINT0169614	chr4	1.39E+08	1.39E+08	+	0.011956
Ubr4	MmuINT0169615	chr4	1.39E+08	1.39E+08	+	0.01106
Ubr4	MmuINT0169616	chr4	1.39E+08	1.39E+08	+	0.01251
Ubr4	MmuINT0169617	chr4	1.39E+08	1.39E+08	+	0.009081
Ubr4	MmuINT0169618	chr4	1.39E+08	1.39E+08	+	0.013769



Ubr4	MmuINT0169619	chr4	1.39E+08	1.39E+08	+	0.015566
Ubr4	MmuINT0169620	chr4	1.39E+08	1.39E+08	+	0.011532
Ubr4	MmuINT0169621	chr4	1.39E+08	1.39E+08	+	0.010256
Ubr4	MmuINT0169622	chr4	1.39E+08	1.39E+08	+	0.034455
Ubr4	MmuINT0169623	chr4	1.39E+08	1.39E+08	+	0.010374
Ubr4	MmuINT0169624	chr4	1.39E+08	1.39E+08	+	0.011449
Ubr4	MmuINT0169625	chr4	1.39E+08	1.39E+08	+	0.014368
Ubr4	MmuINT0169626	chr4	1.39E+08	1.39E+08	+	0.009347
Ubr4	MmuINT0169627	chr4	1.39E+08	1.39E+08	+	0.009295
Ubr4	MmuINT0169628	chr4	1.39E+08	1.39E+08	+	0.006032
Ubr4	MmuINT0169629	chr4	1.39E+08	1.39E+08	+	0.011062
Ubr4	MmuINT0169630	chr4	1.39E+08	1.39E+08	+	0.010606
Ubr4	MmuINT0169631	chr4	1.39E+08	1.39E+08	+	0.009943
Ubr4	MmuINT0169632	chr4	1.39E+08	1.39E+08	+	0.00935
Ubr4	MmuINT0169633	chr4	1.39E+08	1.39E+08	+	0.030097
Ubr4	MmuINT0169634	chr4	1.39E+08	1.39E+08	+	0.010706
Ubr4	MmuINT0169635	chr4	1.39E+08	1.39E+08	+	0.009812
Ubr4	MmuINT0169636	chr4	1.39E+08	1.39E+08	+	0.009776
Ubr4	MmuINT0169637	chr4	1.39E+08	1.39E+08	+	0.006511
Ubr4	MmuINT0169638	chr4	1.39E+08	1.39E+08	+	0.006267
Ubr4	MmuINT0169639	chr4	1.39E+08	1.39E+08	+	0.007976
Ubr4	MmuINT0169640	chr4	1.39E+08	1.39E+08	+	0.008362
Ubr4	MmuINT0169641	chr4	1.39E+08	1.39E+08	+	0.007726
Ubr4	MmuINT0169642	chr4	1.39E+08	1.39E+08	+	0.005862
Ubr4	MmuINT0169643	chr4	1.39E+08	1.39E+08	+	0.010057
Ubr4	MmuINT0169644	chr4	1.39E+08	1.39E+08	+	0.031371
Ubr4	MmuINT0169645	chr4	1.39E+08	1.39E+08	+	0.008786
Ubr4	MmuINT0169646	chr4	1.39E+08	1.39E+08	+	0.005938
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Ubr4	MmuINT0169648	chr4	1.39E+08	1.39E+08	+	0.006178
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Ubr4	MmuINT0169650	chr4	1.39E+08	1.39E+08	+	0.005539
Ubr4	MmuINT0169651	chr4	1.39E+08	1.39E+08	+	0.012312
Ubr4	MmuINT0169652	chr4	1.39E+08	1.39E+08	+	0.007221
Ubr4	MmuINT0169653	chr4	1.39E+08	1.39E+08	+	0.004978
Ubr4	MmuINT0169654	chr4	1.39E+08	1.39E+08	+	0.007142
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Ubr4	MmuINT0169656	chr4	1.39E+08	1.39E+08	+	0.0061
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Ubr4	MmuINT0169658	chr4	1.39E+08	1.39E+08	+	0.005104
Ubr4	MmuINT0169659	chr4	1.39E+08	1.39E+08	+	0.004552
Ubr4	MmuINT0169660	chr4	1.39E+08	1.39E+08	+	0.004976
Ubr4	MmuINT0169661	chr4	1.39E+08	1.39E+08	+	0.004129
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Ubr4	MmuINT0169664	chr4	1.39E+08	1.39E+08	+	0.004634
Ubr4	MmuINT0169665	chr4	1.39E+08	1.39E+08	+	0.003809
Ubr5	MmuINT0169667	chr15	37977905	38008118	-	0.011923
Ubr5	MmuINT0169668	chr15	37960488	37960576	-	0.006823
Ubr5	MmuINT0169669	chr15	37959409	37960376	-	0.004507

Ubr5	MmuINT0169670	chr15	37958506	37959253	-	0.005138
Ubr5	MmuINT0169671	chr15	37954687	37958387	-	0.005518
Ubr5	MmuINT0169672	chr15	37952230	37954501	-	0.005765
Ubr5	MmuINT0169673	chr15	37951431	37952119	-	0.004019
Ubr5	MmuINT0169674	chr15	37949329	37951317	-	0.007731
Ubr5	MmuINT0169675	chr15	37949101	37949184	-	0.004968
Ubr5	MmuINT0169676	chr15	37948798	37948988	-	0.004443
Ubr5	MmuINT0169677	chr15	37948232	37948642	-	0.003894
Ubr5	MmuINT0169678	chr15	37977380	37977859	-	0.009225
Ubr5	MmuINT0169679	chr15	37944904	37948033	-	0.004515
Ubr5	MmuINT0169680	chr15	37943324	37944692	-	0.006092
Ubr5	MmuINT0169681	chr15	37939533	37943196	-	0.008258
Ubr5	MmuINT0169682	chr15	37938970	37939380	-	0.015263
Ubr5	MmuINT0169683	chr15	37938539	37938873	-	0.008687
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Ubr5	MmuINT0169685	chr15	37936359	37937704	-	0.004211
Ubr5	MmuINT0169686	chr15	37935715	37936209	-	0.005048
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Ubr5	MmuINT0169688	chr15	37934123	37934296	-	0.007339
Ubr5	MmuINT0169689	chr15	37976867	37977297	-	0.0082
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Ubr5	MmuINT0169691	chr15	37933709	37933800	-	0.005597
Ubr5	MmuINT0169692	chr15	37932473	37933578	-	0.003645
Ubr5	MmuINT0169693	chr15	37932212	37932311	-	0.006708
Ubr5	MmuINT0169694	chr15	37930449	37931971	-	0.098348
Ubr5	MmuINT0169695	chr15	37929760	37930324	-	0.003253
Ubr5	MmuINT0169696	chr15	37928174	37929647	-	0.003862
Ubr5	MmuINT0169697	chr15	37927734	37928041	-	0.005671
Ubr5	MmuINT0169698	chr15	37926948	37927475	-	0.008237
Ubr5	MmuINT0169699	chr15	37926522	37926678	-	0.005305
Ubr5	MmuINT0169700	chr15	37975568	37976789	-	0.006172
Ubr5	MmuINT0169701	chr15	37921938	37926309	-	0.003319
Ubr5	MmuINT0169702	chr15	37921126	37921706	-	0.004044
Ubr5	MmuINT0169703	chr15	37919408	37921051	-	0.016966
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Ubr5	MmuINT0169705	chr15	37918180	37919037	-	0.004541
Ubr5	MmuINT0169706	chr15	37915955	37917958	-	0.006825
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Ubr5	MmuINT0169713	chr15	37907838	37909544	-	0.03886
Ubr5	MmuINT0169714	chr15	37905991	37907776	-	0.003675
Ubr5	MmuINT0169715	chr15	37905427	37905814	-	0.021827
Ubr5	MmuINT0169716	chr15	37903214	37905341	-	0.011776
Ubr5	MmuINT0169717	chr15	37902772	37903057	-	0.003776
Ubr5	MmuINT0169718	chr15	37901648	37902657	-	0.013677
Ubr5	MmuINT0169719	chr15	37900103	37901502	-	0.010427
Ubr5	MmuINT0169720	chr15	37898261	37900016	-	0.00816

Ubr5	MmuINT0169721	chr15	37971363	37971529	-	0.006578
Ubr5	MmuINT0169722	chr15	37970658	37971202	-	0.005409
Ubr5	MmuINT0169723	chr15	37960694	37967570	-	0.00559
Ubr7	MmuINT0169724	chr12	1.04E+08	1.04E+08	+	0.011919
Ubr7	MmuINT0169725	chr12	1.04E+08	1.04E+08	+	0.013518
Ubr7	MmuINT0169726	chr12	1.04E+08	1.04E+08	+	0.017702
Ubr7	MmuINT0169727	chr12	1.04E+08	1.04E+08	+	0.013047
Ubr7	MmuINT0169728	chr12	1.04E+08	1.04E+08	+	0.011143
Ubr7	MmuINT0169729	chr12	1.04E+08	1.04E+08	+	0.010462
Ubr7	MmuINT0169730	chr12	1.04E+08	1.04E+08	+	0.010736
Ubr7	MmuINT0169731	chr12	1.04E+08	1.04E+08	+	0.006207
Ubr7	MmuINT0169732	chr12	1.04E+08	1.04E+08	+	0.006334
Ubr7	MmuINT0169733	chr12	1.04E+08	1.04E+08	+	0.017518
Ubt1d1	MmuINT0169734	chr19	42056499	42106378	+	0.011022
Ubt1d1	MmuINT0169735	chr19	42106607	42108078	+	0.008751
Ubt2d2	MmuINT0169736	chr11	32355547	32399224	+	0.050745
Ubt2d2	MmuINT0169737	chr11	32399462	32416089	+	0.041824
Ubt1f	MmuINT0169740	chr11	1.02E+08	1.02E+08	-	0.21601
Ubt1f	MmuINT0169741	chr11	1.02E+08	1.02E+08	-	0.015344
Ubt1f	MmuINT0169742	chr11	1.02E+08	1.02E+08	-	0.010281
Ubt1f	MmuINT0169743	chr11	1.02E+08	1.02E+08	-	0.009289
Ubt1f	MmuINT0169744	chr11	1.02E+08	1.02E+08	-	0.013719
Ubt1f	MmuINT0169745	chr11	1.02E+08	1.02E+08	-	0.005274
Ubt1f	MmuINT0169746	chr11	1.02E+08	1.02E+08	-	0.060147
Ubt1f	MmuINT0169747	chr11	1.02E+08	1.02E+08	-	0.010073
Ubt1f	MmuINT0169748	chr11	1.02E+08	1.02E+08	-	0.018782
Ubt1f	MmuINT0169749	chr11	1.02E+08	1.02E+08	-	0.008359
Ubt1f	MmuINT0169750	chr11	1.02E+08	1.02E+08	-	0.169706
Ubt1f	MmuINT0169751	chr11	1.02E+08	1.02E+08	-	0.004391
Ubt1f	MmuINT0169753	chr11	1.02E+08	1.02E+08	-	0.006138
Ubt1f	MmuINT0169754	chr11	1.02E+08	1.02E+08	-	0.004599
Ubt1f	MmuINT0169755	chr11	1.02E+08	1.02E+08	-	0.011229
Ubt1f	MmuINT0169756	chr11	1.02E+08	1.02E+08	-	0.008693
Ubt1f	MmuINT0169757	chr11	1.02E+08	1.02E+08	-	0.023995
Ubt1f	MmuINT0169758	chr11	1.02E+08	1.02E+08	-	0.027115
Ubt1f	MmuINT0169759	chr11	1.02E+08	1.02E+08	-	0.005454
Ubx1n1	MmuINT0169762	chr19	8946076	8946160	+	0.514986
Ubx1n1	MmuINT0169763	chr19	8946247	8946348	+	0.026112
Ubx1n1	MmuINT0169764	chr19	8946403	8946497	+	0.003036
Ubx1n1	MmuINT0169765	chr19	8946605	8946707	+	0.004424
Ubx1n1	MmuINT0169766	chr19	8946778	8948003	+	0.01005
Ubx1n1	MmuINT0169767	chr19	8948196	8948284	+	0.00221
Ubx1n1	MmuINT0169768	chr19	8948337	8948628	+	0.002382
Ubx1n1	MmuINT0169769	chr19	8948746	8949649	+	0.007392
Ubx1n1	MmuINT0169770	chr19	8949843	8950011	+	0.002979
Ubx1n2a	MmuINT0169786	chr12	4909079	4914154	-	0.005986
Ubx1n2a	MmuINT0169790	chr12	4890788	4892526	-	0.001412
Ubx1n2b	MmuINT0169794	chr4	6129590	6130923	+	0.030971
Ubx1n2b	MmuINT0169795	chr4	6131008	6131710	+	0.046972
Ubx1n2b	MmuINT0169797	chr4	6136091	6141785	+	0.050457

Ubxn2b	MmuINT0169798	chr4	6141948	6143058	+	0.029193
Ubxn4	MmuINT0169799	chr1	1.3E+08	1.3E+08	+	0.028252
Ubxn4	MmuINT0169800	chr1	1.3E+08	1.3E+08	+	0.015743
Ubxn4	MmuINT0169801	chr1	1.3E+08	1.3E+08	+	0.041577
Ubxn4	MmuINT0169802	chr1	1.3E+08	1.3E+08	+	0.02734
Ubxn4	MmuINT0169803	chr1	1.3E+08	1.3E+08	+	0.006664
Ubxn4	MmuINT0169804	chr1	1.3E+08	1.3E+08	+	0.00644
Ubxn4	MmuINT0169805	chr1	1.3E+08	1.3E+08	+	0.008978
Ubxn4	MmuINT0169806	chr1	1.3E+08	1.3E+08	+	0.003327
Ubxn4	MmuINT0169807	chr1	1.3E+08	1.3E+08	+	0.005039
Ubxn4	MmuINT0169808	chr1	1.3E+08	1.3E+08	+	0.004835
Ubxn4	MmuINT0169809	chr1	1.3E+08	1.3E+08	+	0.004772
Ubxn4	MmuINT0169810	chr1	1.3E+08	1.3E+08	+	0.005483
Ubxn6	MmuINT0169811	chr17	56212660	56214258	-	0.004596
Ubxn6	MmuINT0169812	chr17	56208107	56208382	-	0.016833
Ubxn6	MmuINT0169813	chr17	56212208	56212495	-	0.003778
Ubxn6	MmuINT0169814	chr17	56211953	56212142	-	0.003969
Ubxn6	MmuINT0169815	chr17	56210409	56211823	-	0.020084
Ubxn6	MmuINT0169816	chr17	56210151	56210310	-	0.010775
Ubxn6	MmuINT0169817	chr17	56209199	56210074	-	0.056452
Ubxn6	MmuINT0169818	chr17	56209037	56209113	-	0.029248
Ubxn6	MmuINT0169819	chr17	56208738	56208816	-	0.005046
Ubxn6	MmuINT0169820	chr17	56208532	56208606	-	0.009187
Ubxn7	MmuINT0169821	chr16	32332447	32352884	+	0.049142
Ubxn7	MmuINT0169822	chr16	32381932	32384859	+	0.029268
Ubxn7	MmuINT0169823	chr16	32353033	32360093	+	0.025794
Ubxn7	MmuINT0169824	chr16	32360162	32367429	+	0.03617
Ubxn7	MmuINT0169825	chr16	32367496	32369400	+	0.025127
Ubxn7	MmuINT0169826	chr16	32369514	32372479	+	0.012029
Ubxn7	MmuINT0169827	chr16	32372627	32375312	+	0.026073
Ubxn7	MmuINT0169828	chr16	32375404	32375982	+	0.019683
Ubxn7	MmuINT0169829	chr16	32376111	32381347	+	0.010383
Ubxn7	MmuINT0169830	chr16	32381742	32381851	+	0.016739
Ubxn8	MmuINT0169831	chr8	34749075	34752321	-	0.062264
Ubxn8	MmuINT0169832	chr8	34745832	34748951	-	0.012479
Ubxn8	MmuINT0169833	chr8	34744100	34745760	-	0.013587
Ubxn8	MmuINT0169834	chr8	34739847	34743973	-	0.016806
Ubxn8	MmuINT0169835	chr8	34736838	34739708	-	0.017041
Ubxn8	MmuINT0169836	chr8	34733709	34736795	-	0.023674
Ubxn8	MmuINT0169837	chr8	34732173	34733633	-	0.032343
Uchl1	MmuINT0169838	chr5	67067562	67067674	+	0.005907
Uchl1	MmuINT0169839	chr5	67067687	67068182	+	0.014427
Uchl1	MmuINT0169840	chr5	67068312	67070901	+	0.01039
Uchl1	MmuINT0169841	chr5	67071053	67073680	+	0.023023
Uchl1	MmuINT0169842	chr5	67073767	67073847	+	0.017097
Uchl1	MmuINT0169843	chr5	67073896	67074927	+	0.017856
Uchl1	MmuINT0169844	chr5	67074995	67076011	+	0.018936
Uchl1	MmuINT0169845	chr5	67076071	67078080	+	0.015909
Uchl3	MmuINT0169849	chr14	1.02E+08	1.02E+08	+	0.001787
Uchl3	MmuINT0169853	chr14	1.02E+08	1.02E+08	+	0.005186

Uchl5	MmuINT0169854	chr1	1.46E+08	1.46E+08	+	0.053602
Uchl5	MmuINT0169855	chr1	1.46E+08	1.46E+08	+	0.017928
Uchl5	MmuINT0169856	chr1	1.46E+08	1.46E+08	+	0.009811
Uchl5	MmuINT0169857	chr1	1.46E+08	1.46E+08	+	0.007205
Uchl5	MmuINT0169858	chr1	1.46E+08	1.46E+08	+	0.008065
Uchl5	MmuINT0169859	chr1	1.46E+08	1.46E+08	+	0.007691
Uchl5	MmuINT0169860	chr1	1.46E+08	1.46E+08	+	0.009147
Uchl5	MmuINT0169861	chr1	1.46E+08	1.46E+08	+	0.02755
Uchl5	MmuINT0169862	chr1	1.46E+08	1.46E+08	+	0.007175
Uck2	MmuINT0169870	chr1	1.69E+08	1.69E+08	-	0.005446
Uck2	MmuINT0169871	chr1	1.69E+08	1.69E+08	-	0.005392
Uck2	MmuINT0169872	chr1	1.69E+08	1.69E+08	-	0.003892
Uck2	MmuINT0169873	chr1	1.69E+08	1.69E+08	-	0.011242
Uck2	MmuINT0169874	chr1	1.69E+08	1.69E+08	-	0.00865
Uck2	MmuINT0169875	chr1	1.69E+08	1.69E+08	-	0.007102
Uckl1	MmuINT0169876	chr2	1.81E+08	1.81E+08	-	0.022127
Uckl1	MmuINT0169877	chr2	1.81E+08	1.81E+08	-	0.055876
Uckl1	MmuINT0169878	chr2	1.81E+08	1.81E+08	-	0.131859
Uckl1	MmuINT0169879	chr2	1.81E+08	1.81E+08	-	0.0987
Uckl1	MmuINT0169880	chr2	1.81E+08	1.81E+08	-	0.021026
Uckl1	MmuINT0169881	chr2	1.81E+08	1.81E+08	-	0.013393
Uckl1	MmuINT0169882	chr2	1.81E+08	1.81E+08	-	0.004971
Uckl1	MmuINT0169883	chr2	1.81E+08	1.81E+08	-	0.006539
Uckl1	MmuINT0169884	chr2	1.81E+08	1.81E+08	-	0.00755
Uckl1	MmuINT0169885	chr2	1.81E+08	1.81E+08	-	0.004532
Uckl1	MmuINT0169886	chr2	1.81E+08	1.81E+08	-	0.251708
Uckl1	MmuINT0169887	chr2	1.81E+08	1.81E+08	-	0.515413
Uckl1	MmuINT0169888	chr2	1.81E+08	1.81E+08	-	0.007974
Ucp2	MmuINT0169903	chr7	1.08E+08	1.08E+08	+	0.006136
Ucp2	MmuINT0169904	chr7	1.08E+08	1.08E+08	+	0.009877
Ucp2	MmuINT0169905	chr7	1.08E+08	1.08E+08	+	0.003096
Ucp2	MmuINT0169906	chr7	1.08E+08	1.08E+08	+	0.005743
Ucp2	MmuINT0169907	chr7	1.08E+08	1.08E+08	+	0.005042
Ucp2	MmuINT0169908	chr7	1.08E+08	1.08E+08	+	0.005508
Ucp2	MmuINT0169909	chr7	1.08E+08	1.08E+08	+	0.002775
Ucp3	MmuINT0169910	chr7	1.08E+08	1.08E+08	+	0.007021
Ucp3	MmuINT0169911	chr7	1.08E+08	1.08E+08	+	0.059994
Ucp3	MmuINT0169912	chr7	1.08E+08	1.08E+08	+	0.148795
Ucp3	MmuINT0169913	chr7	1.08E+08	1.08E+08	+	0.055457
Ucp3	MmuINT0169914	chr7	1.08E+08	1.08E+08	+	0.019456
Ucp3	MmuINT0169915	chr7	1.08E+08	1.08E+08	+	0.022411
Uevld	MmuINT0169925	chr7	54193435	54195502	-	0.023868
Ufc1	MmuINT0169927	chr1	1.73E+08	1.73E+08	-	0.071702
Ufc1	MmuINT0169928	chr1	1.73E+08	1.73E+08	-	0.011613
Ufc1	MmuINT0169929	chr1	1.73E+08	1.73E+08	-	0.012509
Ufc1	MmuINT0169930	chr1	1.73E+08	1.73E+08	-	0.018993
Ufc1	MmuINT0169931	chr1	1.73E+08	1.73E+08	-	0.010408
Ufc1	MmuINT0169932	chr1	1.73E+08	1.73E+08	-	0.004841
Ufd1l	MmuINT0169934	chr16	18812511	18814922	+	0.004186
Ufd1l	MmuINT0169935	chr16	18827200	18827728	+	0.027932

Ufd1l	MmuINT0169936	chr16	18827811	18834328	+	0.040749
Ufd1l	MmuINT0169937	chr16	18815455	18817995	+	0.019633
Ufd1l	MmuINT0169938	chr16	18818118	18821131	+	0.003813
Ufd1l	MmuINT0169939	chr16	18821263	18823315	+	0.008333
Ufd1l	MmuINT0169940	chr16	18823389	18825080	+	0.005346
Ufd1l	MmuINT0169941	chr16	18825150	18825845	+	0.004994
Ufd1l	MmuINT0169942	chr16	18825912	18826347	+	0.007231
Ufd1l	MmuINT0169943	chr16	18826396	18827110	+	0.037742
Ufm1	MmuINT0169944	chr3	53667593	53667670	-	0.019877
Ufm1	MmuINT0169945	chr3	53665195	53667535	-	0.010997
Ufm1	MmuINT0169946	chr3	53664196	53665136	-	0.004645
Ufm1	MmuINT0169947	chr3	53663197	53664155	-	0.012737
Ufm1	MmuINT0169948	chr3	53661918	53663163	-	0.003605
Ufsp2	MmuINT0169949	chr8	47060943	47064562	+	0.01853
Ufsp2	MmuINT0169950	chr8	47079446	47080891	+	0.055947
Ufsp2	MmuINT0169951	chr8	47081017	47082055	+	0.016505
Ufsp2	MmuINT0169952	chr8	47064650	47065668	+	0.012969
Ufsp2	MmuINT0169953	chr8	47065847	47065926	+	0.025298
Ufsp2	MmuINT0169954	chr8	47065994	47068876	+	0.031589
Ufsp2	MmuINT0169955	chr8	47069035	47069394	+	0.016131
Ufsp2	MmuINT0169956	chr8	47069588	47070675	+	0.033707
Ufsp2	MmuINT0169957	chr8	47070823	47077101	+	0.014279
Ufsp2	MmuINT0169958	chr8	47077267	47077461	+	0.009059
Ufsp2	MmuINT0169959	chr8	47077587	47079368	+	0.029043
Ugcg	MmuINT0169960	chr4	59202614	59220632	+	0.026001
Ugcg	MmuINT0169961	chr4	59220775	59224747	+	0.055315
Ugcg	MmuINT0169962	chr4	59224851	59226030	+	0.050798
Ugcg	MmuINT0169963	chr4	59226133	59226736	+	0.019809
Ugcg	MmuINT0169964	chr4	59226850	59229907	+	0.034771
Ugcg	MmuINT0169965	chr4	59230087	59231366	+	0.030532
Ugcg	MmuINT0169966	chr4	59231454	59232360	+	0.032625
Ugcg	MmuINT0169967	chr4	59232551	59233094	+	0.026107
Ugdh	MmuINT0169968	chr5	65818824	65826862	-	0.022583
Ugdh	MmuINT0169969	chr5	65808175	65808259	-	0.01446
Ugdh	MmuINT0169970	chr5	65805303	65808063	-	0.030269
Ugdh	MmuINT0169971	chr5	65815383	65818654	-	0.022672
Ugdh	MmuINT0169972	chr5	65814890	65815280	-	0.02278
Ugdh	MmuINT0169973	chr5	65814598	65814688	-	0.015262
Ugdh	MmuINT0169974	chr5	65814022	65814399	-	0.040875
Ugdh	MmuINT0169975	chr5	65811583	65813873	-	0.113872
Ugdh	MmuINT0169976	chr5	65809848	65811487	-	0.029416
Ugdh	MmuINT0169977	chr5	65808884	65809716	-	0.01459
Ugdh	MmuINT0169978	chr5	65808352	65808749	-	0.024803
Uggt1	MmuINT0169979	chr1	36291788	36300914	-	0.01919
Uggt1	MmuINT0169980	chr1	36258611	36259623	-	0.020645
Uggt1	MmuINT0169981	chr1	36254481	36258549	-	0.02367
Uggt1	MmuINT0169982	chr1	36252846	36254388	-	0.01582
Uggt1	MmuINT0169983	chr1	36249351	36252694	-	0.01708
Uggt1	MmuINT0169984	chr1	36248460	36249230	-	0.021363
Uggt1	MmuINT0169985	chr1	36242814	36248373	-	0.024551

Uggt1	MmuINT0169986	chr1	36241333	36242677	-	0.012235
Uggt1	MmuINT0169987	chr1	36239480	36241200	-	0.018796
Uggt1	MmuINT0169988	chr1	36236525	36239314	-	0.019198
Uggt1	MmuINT0169989	chr1	36234462	36236403	-	0.015257
Uggt1	MmuINT0169990	chr1	36287586	36291651	-	0.030774
Uggt1	MmuINT0169992	chr1	36233173	36233620	-	0.020252
Uggt1	MmuINT0169993	chr1	36231948	36233077	-	0.017153
Uggt1	MmuINT0169994	chr1	36231056	36231740	-	0.013573
Uggt1	MmuINT0169995	chr1	36230411	36230923	-	0.015297
Uggt1	MmuINT0169996	chr1	36227140	36230279	-	0.016207
Uggt1	MmuINT0169997	chr1	36222457	36227043	-	0.029511
Uggt1	MmuINT0169998	chr1	36221369	36222353	-	0.018378
Uggt1	MmuINT0169999	chr1	36220256	36221288	-	0.013526
Uggt1	MmuINT0170000	chr1	36219209	36220065	-	0.01431
Uggt1	MmuINT0170001	chr1	36284460	36287502	-	0.023175
Uggt1	MmuINT0170002	chr1	36218607	36219049	-	0.010881
Uggt1	MmuINT0170003	chr1	36216872	36218520	-	0.017674
Uggt1	MmuINT0170004	chr1	36215042	36216786	-	0.011865
Uggt1	MmuINT0170005	chr1	36214347	36214952	-	0.023396
Uggt1	MmuINT0170006	chr1	36213157	36214244	-	0.019686
Uggt1	MmuINT0170007	chr1	36212101	36213071	-	0.018646
Uggt1	MmuINT0170008	chr1	36208640	36211917	-	0.010798
Uggt1	MmuINT0170009	chr1	36207005	36208478	-	0.010396
Uggt1	MmuINT0170010	chr1	36203587	36206889	-	0.009487
Uggt1	MmuINT0170011	chr1	36203031	36203469	-	0.012777
Uggt1	MmuINT0170012	chr1	36278170	36284328	-	0.032182
Uggt1	MmuINT0170013	chr1	36201097	36202876	-	0.008626
Uggt1	MmuINT0170014	chr1	36273152	36278056	-	0.021853
Uggt1	MmuINT0170015	chr1	36268332	36272976	-	0.015844
Uggt1	MmuINT0170016	chr1	36266910	36268234	-	0.044583
Uggt1	MmuINT0170017	chr1	36264888	36266830	-	0.023271
Uggt1	MmuINT0170018	chr1	36259724	36264786	-	0.025792
Uggt2	MmuINT0170045	chr14	1.19E+08	1.19E+08	-	0.925003
Uggt2	MmuINT0170046	chr14	1.19E+08	1.19E+08	-	0.015112
Uggt2	MmuINT0170047	chr14	1.19E+08	1.19E+08	-	0.031967
Uggt2	MmuINT0170048	chr14	1.19E+08	1.19E+08	-	0.018008
Uggt2	MmuINT0170049	chr14	1.19E+08	1.19E+08	-	0.017407
Uggt2	MmuINT0170050	chr14	1.19E+08	1.19E+08	-	0.042614
Ugp2	MmuINT0170057	chr11	21254410	21270189	-	0.001618
Ugp2	MmuINT0170058	chr11	21253460	21254281	-	0.000569
Ugp2	MmuINT0170059	chr11	21233814	21253351	-	0.000877
Ugp2	MmuINT0170060	chr11	21232553	21233627	-	0.001446
Ugp2	MmuINT0170061	chr11	21231135	21232418	-	0.000576
Ugp2	MmuINT0170062	chr11	21229926	21230836	-	0.000716
Ugp2	MmuINT0170063	chr11	21229117	21229727	-	0.001604
Ugp2	MmuINT0170064	chr11	21223307	21228873	-	0.005177
Ugp2	MmuINT0170065	chr11	21222133	21223201	-	0.003842
Ugt1a2	MmuINT0170069	chr1	90111751	90112369	+	0.086514
Ugt1a2	MmuINT0170070	chr1	90112458	90112712	+	0.083386
Ugt1a2	MmuINT0170071	chr1	90112933	90114701	+	0.045151

Uhmk1	MmuINT0170144	chr1	1.72E+08	1.72E+08	-	0.021762
Uhmk1	MmuINT0170145	chr1	1.72E+08	1.72E+08	-	0.025149
Uhmk1	MmuINT0170146	chr1	1.72E+08	1.72E+08	-	0.041285
Uhmk1	MmuINT0170147	chr1	1.72E+08	1.72E+08	-	0.03575
Uhmk1	MmuINT0170148	chr1	1.72E+08	1.72E+08	-	0.025715
Uhmk1	MmuINT0170149	chr1	1.72E+08	1.72E+08	-	0.052765
Uhmk1	MmuINT0170150	chr1	1.72E+08	1.72E+08	-	0.016045
Uhrf1	MmuINT0170157	chr17	56459706	56459819	+	0.011807
Uhrf1bp1	MmuINT0170167	chr17	27993740	28013607	+	0.052778
Uhrf1bp1	MmuINT0170168	chr17	28021550	28021857	+	0.131258
Uhrf1bp1	MmuINT0170169	chr17	28021998	28022351	+	0.028908
Uhrf1bp1	MmuINT0170170	chr17	28022494	28022845	+	0.025021
Uhrf1bp1	MmuINT0170171	chr17	28023040	28023207	+	0.034382
Uhrf1bp1	MmuINT0170172	chr17	28024638	28026944	+	0.05422
Uhrf1bp1	MmuINT0170173	chr17	28027142	28030085	+	0.027069
Uhrf1bp1	MmuINT0170174	chr17	28030238	28030323	+	0.027216
Uhrf1bp1	MmuINT0170175	chr17	28030475	28031491	+	0.045648
Uhrf1bp1	MmuINT0170176	chr17	28031755	28032214	+	0.02716
Uhrf1bp1	MmuINT0170177	chr17	28032324	28032404	+	0.042993
Uhrf1bp1	MmuINT0170178	chr17	28013771	28013868	+	0.031866
Uhrf1bp1	MmuINT0170179	chr17	28032506	28032826	+	0.038029
Uhrf1bp1	MmuINT0170180	chr17	28013908	28014266	+	0.034685
Uhrf1bp1	MmuINT0170181	chr17	28014359	28016168	+	0.045055
Uhrf1bp1	MmuINT0170182	chr17	28016359	28016595	+	0.040357
Uhrf1bp1	MmuINT0170183	chr17	28016737	28017079	+	0.056618
Uhrf1bp1	MmuINT0170184	chr17	28017251	28018373	+	0.04208
Uhrf1bp1	MmuINT0170185	chr17	28018561	28020965	+	0.047595
Uhrf1bp1	MmuINT0170186	chr17	28021053	28021378	+	0.037268
Uhrf1bp1l	MmuINT0170187	chr10	89208034	89235331	+	0.042279
Uhrf1bp1l	MmuINT0170188	chr10	89253479	89254107	+	0.014617
Uhrf1bp1l	MmuINT0170189	chr10	89254227	89257227	+	0.018206
Uhrf1bp1l	MmuINT0170190	chr10	89257370	89265763	+	0.018717
Uhrf1bp1l	MmuINT0170191	chr10	89265958	89267456	+	0.029854
Uhrf1bp1l	MmuINT0170192	chr10	89268959	89269368	+	0.018295
Uhrf1bp1l	MmuINT0170193	chr10	89269542	89271262	+	0.016352
Uhrf1bp1l	MmuINT0170194	chr10	89271406	89272372	+	0.256154
Uhrf1bp1l	MmuINT0170195	chr10	89272524	89274231	+	0.016703
Uhrf1bp1l	MmuINT0170196	chr10	89274486	89274788	+	0.015371
Uhrf1bp1l	MmuINT0170197	chr10	89274898	89278784	+	0.047186
Uhrf1bp1l	MmuINT0170198	chr10	89235495	89236824	+	0.026553
Uhrf1bp1l	MmuINT0170199	chr10	89278967	89280679	+	0.013126
Uhrf1bp1l	MmuINT0170200	chr10	89236864	89238683	+	0.038987
Uhrf1bp1l	MmuINT0170201	chr10	89238776	89242579	+	0.027083
Uhrf1bp1l	MmuINT0170202	chr10	89242770	89243871	+	0.024115
Uhrf1bp1l	MmuINT0170203	chr10	89244013	89245314	+	0.043487
Uhrf1bp1l	MmuINT0170204	chr10	89245486	89249849	+	0.021862
Uhrf1bp1l	MmuINT0170205	chr10	89250031	89252042	+	0.024857
Uhrf1bp1l	MmuINT0170206	chr10	89252127	89253295	+	0.023735
Uhrf2	MmuINT0170207	chr19	30105422	30113553	+	0.016555
Uhrf2	MmuINT0170208	chr19	30157331	30160735	+	0.129884



Uhrf2	MmuINT0170209	chr19	30160899	30161665	+	0.08429
Uhrf2	MmuINT0170210	chr19	30161807	30162968	+	0.053088
Uhrf2	MmuINT0170211	chr19	30163066	30163675	+	0.099252
Uhrf2	MmuINT0170212	chr19	30163834	30166530	+	0.050102
Uhrf2	MmuINT0170213	chr19	30166630	30167207	+	0.031163
Uhrf2	MmuINT0170214	chr19	30113788	30130724	+	0.020565
Uhrf2	MmuINT0170215	chr19	30130985	30145732	+	0.100351
Uhrf2	MmuINT0170216	chr19	30145952	30148383	+	0.02601
Uhrf2	MmuINT0170217	chr19	30148494	30149573	+	0.0157
Uhrf2	MmuINT0170218	chr19	30149761	30152503	+	0.024807
Uhrf2	MmuINT0170219	chr19	30152628	30153029	+	0.031506
Uhrf2	MmuINT0170220	chr19	30153138	30154328	+	0.020901
Uhrf2	MmuINT0170221	chr19	30154434	30157223	+	0.017441
Uimc1	MmuINT0170222	chr13	55194643	55201557	-	0.037723
Uimc1	MmuINT0170223	chr13	55141985	55152101	-	0.010212
Uimc1	MmuINT0170224	chr13	55136428	55141905	-	0.008846
Uimc1	MmuINT0170225	chr13	55132378	55136249	-	0.081303
Uimc1	MmuINT0170226	chr13	55130820	55132313	-	0.046188
Uimc1	MmuINT0170227	chr13	55130080	55130776	-	0.025853
Uimc1	MmuINT0170228	chr13	55187056	55194487	-	0.010965
Uimc1	MmuINT0170229	chr13	55178889	55186970	-	0.007432
Uimc1	MmuINT0170230	chr13	55177769	55178763	-	0.176317
Uimc1	MmuINT0170231	chr13	55177356	55177662	-	0.054475
Uimc1	MmuINT0170232	chr13	55171169	55176618	-	0.065904
Uimc1	MmuINT0170233	chr13	55161704	55171082	-	0.027775
Uimc1	MmuINT0170234	chr13	55157440	55161626	-	0.017007
Uimc1	MmuINT0170235	chr13	55152256	55157335	-	0.013194
Ulk1	MmuINT0170236	chr5	1.11E+08	1.11E+08	-	0.025674
Ulk1	MmuINT0170237	chr5	1.11E+08	1.11E+08	-	0.010319
Ulk1	MmuINT0170238	chr5	1.11E+08	1.11E+08	-	0.028321
Ulk1	MmuINT0170239	chr5	1.11E+08	1.11E+08	-	0.041271
Ulk1	MmuINT0170240	chr5	1.11E+08	1.11E+08	-	0.006963
Ulk1	MmuINT0170241	chr5	1.11E+08	1.11E+08	-	0.005595
Ulk1	MmuINT0170242	chr5	1.11E+08	1.11E+08	-	0.004955
Ulk1	MmuINT0170243	chr5	1.11E+08	1.11E+08	-	0.006541
Ulk1	MmuINT0170244	chr5	1.11E+08	1.11E+08	-	0.057503
Ulk1	MmuINT0170245	chr5	1.11E+08	1.11E+08	-	0.005393
Ulk1	MmuINT0170246	chr5	1.11E+08	1.11E+08	-	0.006061
Ulk1	MmuINT0170247	chr5	1.11E+08	1.11E+08	-	0.007187
Ulk1	MmuINT0170248	chr5	1.11E+08	1.11E+08	-	0.010237
Ulk1	MmuINT0170249	chr5	1.11E+08	1.11E+08	-	0.008926
Ulk1	MmuINT0170250	chr5	1.11E+08	1.11E+08	-	0.070575
Ulk1	MmuINT0170251	chr5	1.11E+08	1.11E+08	-	0.008818
Ulk1	MmuINT0170252	chr5	1.11E+08	1.11E+08	-	0.018766
Ulk1	MmuINT0170253	chr5	1.11E+08	1.11E+08	-	0.028624
Ulk1	MmuINT0170254	chr5	1.11E+08	1.11E+08	-	0.017144
Ulk1	MmuINT0170255	chr5	1.11E+08	1.11E+08	-	0.014581
Ulk1	MmuINT0170256	chr5	1.11E+08	1.11E+08	-	0.012162
Ulk1	MmuINT0170257	chr5	1.11E+08	1.11E+08	-	0.008193
Ulk1	MmuINT0170258	chr5	1.11E+08	1.11E+08	-	0.01057

Ulk1	MmuINT0170259	chr5	1.11E+08	1.11E+08	-	0.01033
Ulk1	MmuINT0170260	chr5	1.11E+08	1.11E+08	-	0.008402
Ulk1	MmuINT0170261	chr5	1.11E+08	1.11E+08	-	0.009588
Ulk1	MmuINT0170262	chr5	1.11E+08	1.11E+08	-	0.01689
Ulk2	MmuINT0170263	chr11	61666861	61667988	-	0.008341
Ulk2	MmuINT0170264	chr11	61639392	61641103	-	0.010651
Ulk2	MmuINT0170265	chr11	61638230	61639343	-	0.009124
Ulk2	MmuINT0170266	chr11	61632959	61638140	-	0.009846
Ulk2	MmuINT0170267	chr11	61626281	61632786	-	0.004506
Ulk2	MmuINT0170268	chr11	61621702	61626219	-	0.005853
Ulk2	MmuINT0170269	chr11	61617290	61621563	-	0.003656
Ulk2	MmuINT0170270	chr11	61615066	61617143	-	0.004742
Ulk2	MmuINT0170271	chr11	61613691	61614984	-	0.0064
Ulk2	MmuINT0170273	chr11	61612669	61612961	-	0.003556
Ulk2	MmuINT0170274	chr11	61664606	61666767	-	0.011982
Ulk2	MmuINT0170275	chr11	61605086	61612564	-	0.008967
Ulk2	MmuINT0170276	chr11	61601140	61604935	-	0.004652
Ulk2	MmuINT0170277	chr11	61597218	61600930	-	0.003189
Ulk2	MmuINT0170278	chr11	61595627	61597038	-	0.008401
Ulk2	MmuINT0170279	chr11	61595252	61595507	-	0.005274
Ulk2	MmuINT0170280	chr11	61593312	61595093	-	0.004888
Ulk2	MmuINT0170281	chr11	61591342	61593175	-	0.012511
Ulk2	MmuINT0170282	chr11	61654834	61664563	-	0.011505
Ulk2	MmuINT0170284	chr11	61648456	61653611	-	0.004995
Ulk2	MmuINT0170285	chr11	61646989	61648281	-	0.005045
Ulk2	MmuINT0170286	chr11	61644194	61646914	-	0.009315
Ulk2	MmuINT0170287	chr11	61642953	61644091	-	0.007041
Ulk2	MmuINT0170288	chr11	61641187	61642893	-	0.010414
Ulk3	MmuINT0170289	chr9	57437494	57438130	+	0.036933
Ulk3	MmuINT0170290	chr9	57441661	57441788	+	0.096909
Ulk3	MmuINT0170291	chr9	57441854	57441940	+	0.076067
Ulk3	MmuINT0170292	chr9	57442020	57442090	+	0.138385
Ulk3	MmuINT0170293	chr9	57442132	57442413	+	0.333642
Ulk3	MmuINT0170294	chr9	57442462	57442589	+	0.043387
Ulk3	MmuINT0170295	chr9	57442657	57442749	+	0.031509
Ulk3	MmuINT0170296	chr9	57438272	57438467	+	0.129323
Ulk3	MmuINT0170297	chr9	57438589	57439020	+	0.180335
Ulk3	MmuINT0170298	chr9	57439126	57439800	+	0.035936
Ulk3	MmuINT0170299	chr9	57439945	57440137	+	0.179361
Ulk3	MmuINT0170300	chr9	57440221	57440625	+	0.249811
Ulk3	MmuINT0170301	chr9	57440782	57440968	+	0.018308
Ulk3	MmuINT0170302	chr9	57441075	57441264	+	0.089998
Ulk3	MmuINT0170303	chr9	57441306	57441557	+	0.042305
Umps	MmuINT0170371	chr16	33964012	33966911	-	0.040245
Umps	MmuINT0170372	chr16	33962327	33963857	-	0.028231
Umps	MmuINT0170373	chr16	33960439	33961654	-	0.028147
Umps	MmuINT0170374	chr16	33959254	33960262	-	0.032949
Umps	MmuINT0170375	chr16	33957022	33959138	-	0.019082
Unc119	MmuINT0170377	chr11	78160834	78161298	+	0.050127
Unc119	MmuINT0170378	chr11	78161402	78161588	+	0.049099

Unc119	MmuINT0170379	chr11	78161762	78162032	+	0.045824
Unc119b	MmuINT0170380	chr5	1.16E+08	1.16E+08	-	0.038293
Unc119b	MmuINT0170381	chr5	1.16E+08	1.16E+08	-	0.028914
Unc119b	MmuINT0170382	chr5	1.16E+08	1.16E+08	-	0.018684
Unc119b	MmuINT0170383	chr5	1.16E+08	1.16E+08	-	0.079514
Unc13b	MmuINT0170425	chr4	43072158	43100774	+	0.063436
Unc13b	MmuINT0170431	chr4	43248274	43249791	+	0.04217
Unc13b	MmuINT0170432	chr4	43250020	43250568	+	0.028548
Unc13b	MmuINT0170437	chr4	43253261	43253878	+	0.120156
Unc13b	MmuINT0170442	chr4	43263175	43268346	+	0.036235
Unc13b	MmuINT0170443	chr4	43268474	43268692	+	0.028198
Unc13b	MmuINT0170444	chr4	43268790	43269000	+	0.046314
Unc13b	MmuINT0170445	chr4	43269145	43269647	+	0.026869
Unc13b	MmuINT0170446	chr4	43104200	43108617	+	0.047637
Unc13b	MmuINT0170447	chr4	43269726	43270147	+	0.056838
Unc13b	MmuINT0170449	chr4	43270808	43271021	+	0.127976
Unc13b	MmuINT0170450	chr4	43271175	43271292	+	0.061688
Unc13b	MmuINT0170451	chr4	43271417	43271522	+	0.04936
Unc13b	MmuINT0170452	chr4	43271580	43271740	+	0.102229
Unc13b	MmuINT0170453	chr4	43271822	43272333	+	0.062421
Unc13b	MmuINT0170454	chr4	43272482	43274553	+	0.073152
Unc13b	MmuINT0170455	chr4	43274647	43275848	+	0.051663
Unc13b	MmuINT0170456	chr4	43108736	43109770	+	0.04795
Unc13b	MmuINT0170457	chr4	43109895	43114672	+	0.057346
Unc13b	MmuINT0170461	chr4	43178851	43193199	+	0.143344
Unc13d	MmuINT0170509	chr11	1.16E+08	1.16E+08	-	0.961865
Unc45a	MmuINT0170525	chr7	87475319	87476438	-	0.140607
Unc45a	MmuINT0170526	chr7	87474534	87475223	-	0.10857
Unc45a	MmuINT0170527	chr7	87474049	87474391	-	0.135201
Unc45a	MmuINT0170528	chr7	87473707	87473907	-	0.019601
Unc45a	MmuINT0170529	chr7	87473406	87473578	-	0.023216
Unc45a	MmuINT0170530	chr7	87472918	87473338	-	0.072849
Unc45a	MmuINT0170531	chr7	87472585	87472803	-	0.108184
Unc45a	MmuINT0170532	chr7	87471313	87472468	-	0.123065
Unc45a	MmuINT0170533	chr7	87471055	87471194	-	0.078535
Unc45a	MmuINT0170534	chr7	87470764	87470898	-	0.076325
Unc45a	MmuINT0170535	chr7	87484237	87484436	-	0.056869
Unc45a	MmuINT0170536	chr7	87483903	87484199	-	0.331836
Unc45a	MmuINT0170537	chr7	87481904	87483726	-	0.020544
Unc45a	MmuINT0170538	chr7	87481360	87481810	-	0.026143
Unc45a	MmuINT0170539	chr7	87479750	87481191	-	0.034641
Unc45a	MmuINT0170540	chr7	87479077	87479580	-	0.018451
Unc45a	MmuINT0170541	chr7	87478035	87478905	-	0.053403
Unc45a	MmuINT0170542	chr7	87476740	87477862	-	0.016377
Unc45b	MmuINT0170543	chr11	82724862	82725181	+	0.004324
Unc45b	MmuINT0170544	chr11	82739690	82742156	+	0.002927
Unc45b	MmuINT0170545	chr11	82742252	82742433	+	0.007389
Unc45b	MmuINT0170546	chr11	82742576	82742922	+	0.030282
Unc45b	MmuINT0170547	chr11	82743064	82747333	+	0.03903
Unc45b	MmuINT0170548	chr11	82747462	82748246	+	0.063113

Unc45b	MmuINT0170549	chr11	82748314	82749875	+	0.0098
Unc45b	MmuINT0170550	chr11	82749990	82750325	+	0.001209
Unc45b	MmuINT0170551	chr11	82750442	82751237	+	0.002726
Unc45b	MmuINT0170552	chr11	82751356	82753690	+	0.002947
Unc45b	MmuINT0170553	chr11	82753847	82755992	+	0.010252
Unc45b	MmuINT0170554	chr11	82725350	82725896	+	0.001285
Unc45b	MmuINT0170555	chr11	82725934	82726705	+	0.00126
Unc45b	MmuINT0170556	chr11	82726882	82728551	+	0.001295
Unc45b	MmuINT0170557	chr11	82728642	82730533	+	0.002386
Unc45b	MmuINT0170558	chr11	82730702	82731230	+	0.003289
Unc45b	MmuINT0170559	chr11	82731400	82733225	+	0.004942
Unc45b	MmuINT0170560	chr11	82733397	82736249	+	0.011632
Unc45b	MmuINT0170561	chr11	82736422	82739388	+	0.005494
Unc50	MmuINT0170562	chr1	37487339	37488137	+	0.042536
Unc50	MmuINT0170563	chr1	37488422	37489395	+	0.008333
Unc50	MmuINT0170564	chr1	37489517	37494006	+	0.038349
Unc50	MmuINT0170565	chr1	37494147	37494221	+	0.071004
Unc50	MmuINT0170566	chr1	37494324	37495526	+	0.106508
Unc5b	MmuINT0170582	chr10	60246031	60293834	-	0.025993
Unc5b	MmuINT0170583	chr10	60236580	60237100	-	0.031222
Unc5b	MmuINT0170584	chr10	60235406	60236491	-	0.041028
Unc5b	MmuINT0170585	chr10	60235160	60235236	-	0.046862
Unc5b	MmuINT0170586	chr10	60232006	60234925	-	0.030241
Unc5b	MmuINT0170587	chr10	60231237	60231855	-	0.025
Unc5b	MmuINT0170588	chr10	60229910	60231071	-	0.025235
Unc5b	MmuINT0170589	chr10	60228122	60229727	-	0.060939
Unc5b	MmuINT0170590	chr10	60242987	60245805	-	0.026568
Unc5b	MmuINT0170591	chr10	60242520	60242842	-	0.029865
Unc5b	MmuINT0170592	chr10	60241713	60242415	-	0.031943
Unc5b	MmuINT0170593	chr10	60241084	60241531	-	0.031883
Unc5b	MmuINT0170594	chr10	60240303	60240915	-	0.04988
Unc5b	MmuINT0170595	chr10	60239966	60240137	-	0.151567
Unc5b	MmuINT0170597	chr10	60237491	60237713	-	0.021759
Unc93b1	MmuINT0170758	chr19	3935353	3935761	+	0.068238
Unc93b1	MmuINT0170759	chr19	3947126	3948627	+	0.020112
Unc93b1	MmuINT0170760	chr19	3935904	3936268	+	0.015775
Unc93b1	MmuINT0170761	chr19	3936423	3941519	+	0.186318
Unc93b1	MmuINT0170762	chr19	3941682	3941884	+	0.066607
Unc93b1	MmuINT0170763	chr19	3942018	3942348	+	0.033229
Unc93b1	MmuINT0170764	chr19	3942443	3942693	+	0.233852
Unc93b1	MmuINT0170765	chr19	3942819	3943528	+	0.022088
Unc93b1	MmuINT0170766	chr19	3943712	3944022	+	0.022159
Unc93b1	MmuINT0170767	chr19	3944297	3947006	+	0.02021
Ung	MmuINT0170770	chr5	1.15E+08	1.15E+08	+	0.013169
Ung	MmuINT0170771	chr5	1.15E+08	1.15E+08	+	0.017616
Ung	MmuINT0170772	chr5	1.15E+08	1.15E+08	+	0.005091
Ung	MmuINT0170773	chr5	1.15E+08	1.15E+08	+	0.012775
Unk	MmuINT0170774	chr11	1.16E+08	1.16E+08	+	0.034165
Unk	MmuINT0170775	chr11	1.16E+08	1.16E+08	+	0.036659
Unk	MmuINT0170776	chr11	1.16E+08	1.16E+08	+	0.191012

Unk	MmuINT0170777	chr11	1.16E+08	1.16E+08	+	0.029385
Unk	MmuINT0170778	chr11	1.16E+08	1.16E+08	+	0.105228
Unk	MmuINT0170779	chr11	1.16E+08	1.16E+08	+	0.103348
Unk	MmuINT0170780	chr11	1.16E+08	1.16E+08	+	0.026311
Unk	MmuINT0170781	chr11	1.16E+08	1.16E+08	+	0.036826
Unk	MmuINT0170782	chr11	1.16E+08	1.16E+08	+	0.048557
Unk	MmuINT0170783	chr11	1.16E+08	1.16E+08	+	0.040664
Unk	MmuINT0170784	chr11	1.16E+08	1.16E+08	+	0.240222
Unk	MmuINT0170786	chr11	1.16E+08	1.16E+08	+	0.043588
Unk	MmuINT0170787	chr11	1.16E+08	1.16E+08	+	0.576326
Unk	MmuINT0170788	chr11	1.16E+08	1.16E+08	+	0.049011
Unkl	MmuINT0170793	chr17	25367355	25367465	+	0.174177
Unkl	MmuINT0170794	chr17	25367721	25368656	+	0.209143
Unkl	MmuINT0170798	chr17	25342680	25345033	+	0.035419
Unkl	MmuINT0170801	chr17	25347832	25349991	+	0.053574
Upf1	MmuINT0170822	chr8	72862904	72862978	-	0.009427
Upf1	MmuINT0170823	chr8	72862461	72862784	-	0.007801
Upf1	MmuINT0170824	chr8	72862220	72862295	-	0.011123
Upf1	MmuINT0170825	chr8	72861532	72862104	-	0.047591
Upf1	MmuINT0170826	chr8	72861130	72861387	-	0.006716
Upf1	MmuINT0170827	chr8	72859671	72860915	-	0.011848
Upf1	MmuINT0170828	chr8	72859289	72859552	-	0.01431
Upf1	MmuINT0170829	chr8	72858660	72859131	-	0.013483
Upf1	MmuINT0170830	chr8	72858147	72858516	-	0.004644
Upf1	MmuINT0170831	chr8	72857874	72857971	-	0.009419
Upf1	MmuINT0170832	chr8	72867324	72868124	-	0.0084
Upf1	MmuINT0170833	chr8	72857332	72857791	-	0.015532
Upf1	MmuINT0170834	chr8	72857090	72857169	-	0.007911
Upf1	MmuINT0170835	chr8	72856642	72856871	-	0.007014
Upf1	MmuINT0170836	chr8	72856379	72856518	-	0.055255
Upf1	MmuINT0170837	chr8	72866077	72867233	-	0.03053
Upf1	MmuINT0170838	chr8	72865540	72865908	-	0.007856
Upf1	MmuINT0170839	chr8	72864611	72865358	-	0.008214
Upf1	MmuINT0170840	chr8	72863741	72863880	-	0.587061
Upf1	MmuINT0170841	chr8	72863332	72863641	-	0.016506
Upf1	MmuINT0170842	chr8	72863139	72863222	-	0.0069
Upf2	MmuINT0170843	chr2	5872600	5878516	+	0.033326
Upf2	MmuINT0170844	chr2	5931475	5939947	+	0.016087
Upf2	MmuINT0170845	chr2	5940065	5944328	+	0.020657
Upf2	MmuINT0170846	chr2	5944515	5947160	+	0.017085
Upf2	MmuINT0170847	chr2	5947365	5948258	+	0.021298
Upf2	MmuINT0170848	chr2	5948535	5950407	+	0.011635
Upf2	MmuINT0170849	chr2	5950592	5955157	+	0.015817
Upf2	MmuINT0170850	chr2	5955298	5961154	+	0.026008
Upf2	MmuINT0170851	chr2	5961257	5961508	+	0.016506
Upf2	MmuINT0170852	chr2	5961608	5967943	+	0.021755
Upf2	MmuINT0170853	chr2	5968112	5971383	+	0.018863
Upf2	MmuINT0170854	chr2	5878897	5881978	+	0.023121
Upf2	MmuINT0170855	chr2	5971526	5972554	+	0.021241
Upf2	MmuINT0170856	chr2	5972676	5976478	+	0.028818

Upf2	MmuINT0170857	chr2	5882759	5894514	+	0.012719
Upf2	MmuINT0170858	chr2	5894676	5896953	+	0.012474
Upf2	MmuINT0170859	chr2	5897149	5900819	+	0.013195
Upf2	MmuINT0170860	chr2	5900970	5904037	+	0.027023
Upf2	MmuINT0170861	chr2	5904142	5909432	+	0.018185
Upf2	MmuINT0170862	chr2	5909519	5924590	+	0.026779
Upf2	MmuINT0170863	chr2	5924700	5931360	+	0.02391
Upf3a	MmuINT0170864	chr8	13785885	13786146	+	0.032596
Upf3a	MmuINT0170865	chr8	13786254	13787364	+	0.092202
Upf3a	MmuINT0170866	chr8	13787472	13791881	+	0.073238
Upf3a	MmuINT0170867	chr8	13791981	13792099	+	0.037694
Upf3a	MmuINT0170868	chr8	13792211	13795439	+	0.10291
Upf3a	MmuINT0170869	chr8	13795496	13795583	+	0.041582
Upf3a	MmuINT0170870	chr8	13795740	13796458	+	0.015817
Upf3a	MmuINT0170871	chr8	13796593	13798176	+	0.011782
Upf3b	MmuINT0170872	chrX	34649250	34650070	-	0.024032
Upf3b	MmuINT0170874	chrX	34644523	34648909	-	0.041727
Upf3b	MmuINT0170875	chrX	34642133	34644423	-	0.175383
Upf3b	MmuINT0170876	chrX	34640132	34642021	-	0.024089
Upf3b	MmuINT0170878	chrX	34637014	34639501	-	0.14813
Upf3b	MmuINT0170879	chrX	34635818	34636852	-	0.03576
Upf3b	MmuINT0170880	chrX	34632657	34635516	-	0.133965
Upp1	MmuINT0170908	chr11	9019453	9025635	+	0.029957
Upp1	MmuINT0170909	chr11	9025702	9029490	+	0.033207
Upp1	MmuINT0170910	chr11	9029609	9031632	+	0.023964
Upp1	MmuINT0170911	chr11	9031792	9033236	+	0.035794
Upp1	MmuINT0170912	chr11	9033352	9034724	+	0.033944
Upp1	MmuINT0170913	chr11	9034935	9035166	+	0.035785
Upp1	MmuINT0170914	chr11	9035314	9035963	+	0.023935
Uprt	MmuINT0170928	chrX	1.02E+08	1.02E+08	+	0.039397
Uqcc	MmuINT0170929	chr2	1.56E+08	1.56E+08	-	0.008231
Uqcc	MmuINT0170932	chr2	1.56E+08	1.56E+08	-	0.000753
Uqcc	MmuINT0170933	chr2	1.56E+08	1.56E+08	-	0.001701
Uqcc	MmuINT0170934	chr2	1.56E+08	1.56E+08	-	0.00294
Uqcc	MmuINT0170935	chr2	1.56E+08	1.56E+08	-	0.001591
Uqcc	MmuINT0170936	chr2	1.56E+08	1.56E+08	-	0.00027
Uqcr10	MmuINT0170938	chr11	4602224	4604159	-	0.003249
Uqcrc1	MmuINT0170944	chr9	1.09E+08	1.09E+08	+	0.012801
Uqcrc1	MmuINT0170945	chr9	1.09E+08	1.09E+08	+	0.001579
Uqcrc1	MmuINT0170946	chr9	1.09E+08	1.09E+08	+	0.00204
Uqcrc1	MmuINT0170947	chr9	1.09E+08	1.09E+08	+	0.004316
Uqcrc1	MmuINT0170948	chr9	1.09E+08	1.09E+08	+	0.001661
Uqcrc1	MmuINT0170949	chr9	1.09E+08	1.09E+08	+	0.000827
Uqcrc1	MmuINT0170950	chr9	1.09E+08	1.09E+08	+	0.002509
Uqcrc1	MmuINT0170951	chr9	1.09E+08	1.09E+08	+	0.000911
Uqcrc1	MmuINT0170952	chr9	1.09E+08	1.09E+08	+	0.003912
Uqcrc1	MmuINT0170953	chr9	1.09E+08	1.09E+08	+	0.002027
Uqcrc1	MmuINT0170954	chr9	1.09E+08	1.09E+08	+	0.001267
Uqcrc1	MmuINT0170955	chr9	1.09E+08	1.09E+08	+	0.001571
Uqcrc2	MmuINT0170956	chr7	1.28E+08	1.28E+08	+	0.000565

Uqcrc2	MmuINT0170957	chr7	1.28E+08	1.28E+08	+	0.000517
Uqcrc2	MmuINT0170958	chr7	1.28E+08	1.28E+08	+	0.000365
Uqcrc2	MmuINT0170959	chr7	1.28E+08	1.28E+08	+	0.000118
Uqcrc2	MmuINT0170960	chr7	1.28E+08	1.28E+08	+	0.000567
Uqcrc2	MmuINT0170961	chr7	1.28E+08	1.28E+08	+	0.000174
Uqcrc2	MmuINT0170962	chr7	1.28E+08	1.28E+08	+	0.000175
Uqcrc2	MmuINT0170963	chr7	1.28E+08	1.28E+08	+	0.001369
Uqcrc2	MmuINT0170964	chr7	1.28E+08	1.28E+08	+	0.000266
Uqcrc2	MmuINT0170965	chr7	1.28E+08	1.28E+08	+	0.000204
Uqcrc2	MmuINT0170966	chr7	1.28E+08	1.28E+08	+	0.000573
Uqcrc2	MmuINT0170967	chr7	1.28E+08	1.28E+08	+	0.000289
Uqcrc2	MmuINT0170968	chr7	1.28E+08	1.28E+08	+	0.000113
Uqcrfs1	MmuINT0170969	chr13	30633211	30636902	-	0.000178
Uqcrh	MmuINT0170970	chr4	1.16E+08	1.16E+08	-	0.000352
Uqcrh	MmuINT0170972	chr4	1.16E+08	1.16E+08	-	0.000672
Uqcrq	MmuINT0170973	chr11	53242653	53244037	-	0.001411
Urb1	MmuINT0170975	chr16	90789354	90791319	-	0.043119
Urb1	MmuINT0170976	chr16	90788459	90789179	-	0.052497
Urb1	MmuINT0170977	chr16	90787690	90788328	-	0.060707
Urb1	MmuINT0170980	chr16	90782419	90783520	-	0.053076
Urb1	MmuINT0170981	chr16	90781895	90782301	-	0.039267
Urb1	MmuINT0170982	chr16	90780619	90781755	-	0.052476
Urb1	MmuINT0170983	chr16	90779487	90780447	-	0.076049
Urb1	MmuINT0170984	chr16	90777818	90779292	-	0.081768
Urb1	MmuINT0170986	chr16	90776550	90777598	-	0.144642
Urb1	MmuINT0170987	chr16	90775147	90776369	-	0.067644
Urb1	MmuINT0170988	chr16	90773708	90774293	-	0.053984
Urb1	MmuINT0170989	chr16	90773012	90773508	-	0.04377
Urb1	MmuINT0170990	chr16	90771773	90772824	-	0.041076
Urb1	MmuINT0170991	chr16	90769827	90771713	-	0.190881
Urb1	MmuINT0170992	chr16	90768558	90769632	-	0.073945
Urb1	MmuINT0170993	chr16	90768340	90768446	-	0.063172
Urb1	MmuINT0170994	chr16	90767434	90768275	-	0.067699
Urb1	MmuINT0170995	chr16	90767009	90767261	-	0.077835
Urb1	MmuINT0170997	chr16	90762673	90766899	-	0.077828
Urb1	MmuINT0170998	chr16	90761980	90762511	-	0.047749
Urb1	MmuINT0170999	chr16	90760743	90761867	-	0.038526
Urb1	MmuINT0171000	chr16	90760188	90760635	-	0.038555
Urb1	MmuINT0171001	chr16	90758098	90760043	-	0.039773
Urb1	MmuINT0171002	chr16	90756517	90757987	-	0.045546
Urb1	MmuINT0171003	chr16	90755298	90756318	-	0.285771
Urb1	MmuINT0171004	chr16	90754168	90755055	-	0.044054
Urb1	MmuINT0171005	chr16	90752424	90753567	-	0.085986
Urb1	MmuINT0171009	chr16	90795731	90796602	-	0.079758
Urb1	MmuINT0171011	chr16	90791458	90792930	-	0.05863
Urb2	MmuINT0171012	chr8	1.27E+08	1.27E+08	+	0.04839
Urb2	MmuINT0171014	chr8	1.27E+08	1.27E+08	+	0.040712
Urb2	MmuINT0171015	chr8	1.27E+08	1.27E+08	+	0.041546
Urb2	MmuINT0171016	chr8	1.27E+08	1.27E+08	+	0.044476
Urb2	MmuINT0171017	chr8	1.27E+08	1.27E+08	+	0.059845

Urb2	MmuINT0171018	chr8	1.27E+08	1.27E+08	+	0.083285
Urb2	MmuINT0171019	chr8	1.27E+08	1.27E+08	+	0.045852
Urgcp	MmuINT0171023	chr11	5623165	5626350	-	0.005979
Urgcp	MmuINT0171024	chr11	5622844	5623113	-	0.007594
Urgcp	MmuINT0171025	chr11	5618267	5622804	-	0.006889
Urm1	MmuINT0171026	chr2	29682956	29688211	+	0.021476
Urm1	MmuINT0171027	chr2	29688283	29696921	+	0.006861
Urm1	MmuINT0171028	chr2	29697004	29698240	+	0.031195
Urm1	MmuINT0171029	chr2	29698290	29698622	+	0.038635
Urod	MmuINT0171049	chr4	1.17E+08	1.17E+08	-	0.013533
Urod	MmuINT0171050	chr4	1.17E+08	1.17E+08	-	0.004666
Urod	MmuINT0171051	chr4	1.17E+08	1.17E+08	-	0.003293
Urod	MmuINT0171052	chr4	1.17E+08	1.17E+08	-	0.006276
Urod	MmuINT0171053	chr4	1.17E+08	1.17E+08	-	0.01518
Urod	MmuINT0171054	chr4	1.17E+08	1.17E+08	-	0.022241
Urod	MmuINT0171055	chr4	1.17E+08	1.17E+08	-	0.006527
Urod	MmuINT0171056	chr4	1.17E+08	1.17E+08	-	0.011865
Urod	MmuINT0171057	chr4	1.17E+08	1.17E+08	-	0.004765
Uros	MmuINT0171058	chr7	1.41E+08	1.41E+08	-	0.143311
Uros	MmuINT0171059	chr7	1.41E+08	1.41E+08	-	0.008693
Uros	MmuINT0171060	chr7	1.41E+08	1.41E+08	-	0.007914
Uros	MmuINT0171062	chr7	1.41E+08	1.41E+08	-	0.007048
Uros	MmuINT0171063	chr7	1.41E+08	1.41E+08	-	0.025127
Uros	MmuINT0171064	chr7	1.41E+08	1.41E+08	-	0.075927
Uros	MmuINT0171065	chr7	1.41E+08	1.41E+08	-	0.016919
Uros	MmuINT0171066	chr7	1.41E+08	1.41E+08	-	0.006272
Use1	MmuINT0171067	chr8	73891593	73891668	+	0.016067
Use1	MmuINT0171068	chr8	73891748	73891857	+	0.003509
Use1	MmuINT0171069	chr8	73892011	73892448	+	0.00476
Use1	MmuINT0171071	chr8	73892777	73893030	+	0.026118
Use1	MmuINT0171072	chr8	73893203	73893425	+	0.002772
Usf1	MmuINT0171074	chr1	1.73E+08	1.73E+08	+	0.015312
Usf1	MmuINT0171075	chr1	1.73E+08	1.73E+08	+	0.00685
Usf1	MmuINT0171076	chr1	1.73E+08	1.73E+08	+	0.036679
Usf2	MmuINT0171082	chr7	31741448	31741714	-	0.033946
Usf2	MmuINT0171083	chr7	31741287	31741400	-	0.005416
Usf2	MmuINT0171084	chr7	31741020	31741167	-	0.017612
Usf2	MmuINT0171085	chr7	31740460	31740818	-	0.036887
Usf2	MmuINT0171086	chr7	31740213	31740308	-	0.003618
Usf2	MmuINT0171087	chr7	31739822	31740124	-	0.006022
Ush1c	MmuINT0171111	chr7	53452622	53453722	-	0.120992
Ushbp1	MmuINT0171192	chr8	73919369	73919612	-	0.044938
Ushbp1	MmuINT0171193	chr8	73910172	73911248	-	0.082123
Ushbp1	MmuINT0171194	chr8	73909938	73910085	-	0.08276
Ushbp1	MmuINT0171195	chr8	73909693	73909814	-	0.017929
Ushbp1	MmuINT0171196	chr8	73919071	73919238	-	0.610459
Ushbp1	MmuINT0171197	chr8	73918710	73918948	-	0.110569
Ushbp1	MmuINT0171198	chr8	73916415	73918273	-	0.016297
Ushbp1	MmuINT0171199	chr8	73914954	73916288	-	0.046033
Ushbp1	MmuINT0171200	chr8	73914681	73914819	-	0.244918



Ushbp1	MmuINT0171201	chr8	73914085	73914539	-	0.399481
Ushbp1	MmuINT0171202	chr8	73912905	73913919	-	0.38127
Ushbp1	MmuINT0171203	chr8	73911477	73912654	-	0.115671
Usmg5	MmuINT0171204	chr19	47160720	47165062	-	0.00075
Uso1	MmuINT0171207	chr5	92567190	92581466	+	0.01252
Uso1	MmuINT0171208	chr5	92606602	92609567	+	0.007493
Uso1	MmuINT0171209	chr5	92609657	92610365	+	0.007981
Uso1	MmuINT0171210	chr5	92610521	92610923	+	0.008789
Uso1	MmuINT0171211	chr5	92611136	92616260	+	0.037281
Uso1	MmuINT0171212	chr5	92616372	92616723	+	0.005311
Uso1	MmuINT0171213	chr5	92616843	92616968	+	0.008246
Uso1	MmuINT0171214	chr5	92617151	92618248	+	0.007333
Uso1	MmuINT0171215	chr5	92618371	92621738	+	0.007348
Uso1	MmuINT0171216	chr5	92621878	92623037	+	0.005966
Uso1	MmuINT0171217	chr5	92623202	92624373	+	0.00868
Uso1	MmuINT0171218	chr5	92581554	92581877	+	0.018111
Uso1	MmuINT0171219	chr5	92624461	92627361	+	0.016462
Uso1	MmuINT0171220	chr5	92627461	92628842	+	0.013052
Uso1	MmuINT0171221	chr5	92628951	92630160	+	0.005697
Uso1	MmuINT0171222	chr5	92630377	92630882	+	0.00899
Uso1	MmuINT0171223	chr5	92581943	92587429	+	0.01099
Uso1	MmuINT0171224	chr5	92587507	92595556	+	0.015569
Uso1	MmuINT0171225	chr5	92595658	92596051	+	0.010698
Uso1	MmuINT0171226	chr5	92596155	92596303	+	0.010235
Uso1	MmuINT0171227	chr5	92596360	92599698	+	0.010139
Uso1	MmuINT0171228	chr5	92599820	92602951	+	0.007306
Uso1	MmuINT0171229	chr5	92603131	92606460	+	0.006163
Usp1	MmuINT0171230	chr4	98590935	98593145	+	0.53368
Usp1	MmuINT0171231	chr4	98593366	98594924	+	0.021695
Usp1	MmuINT0171235	chr4	98598240	98598876	+	0.004913
Usp10	MmuINT0171238	chr8	1.22E+08	1.22E+08	+	0.010982
Usp10	MmuINT0171239	chr8	1.22E+08	1.22E+08	+	0.020252
Usp10	MmuINT0171240	chr8	1.22E+08	1.22E+08	+	0.028655
Usp10	MmuINT0171241	chr8	1.22E+08	1.22E+08	+	0.072509
Usp10	MmuINT0171242	chr8	1.22E+08	1.22E+08	+	0.038344
Usp10	MmuINT0171243	chr8	1.22E+08	1.22E+08	+	0.01703
Usp10	MmuINT0171244	chr8	1.22E+08	1.22E+08	+	0.017048
Usp10	MmuINT0171245	chr8	1.22E+08	1.22E+08	+	0.028659
Usp10	MmuINT0171246	chr8	1.22E+08	1.22E+08	+	0.02669
Usp10	MmuINT0171247	chr8	1.22E+08	1.22E+08	+	0.05071
Usp10	MmuINT0171248	chr8	1.22E+08	1.22E+08	+	0.012111
Usp10	MmuINT0171249	chr8	1.22E+08	1.22E+08	+	0.010697
Usp10	MmuINT0171250	chr8	1.22E+08	1.22E+08	+	0.01478
Usp11	MmuINT0171251	chrX	20281246	20288874	+	0.154886
Usp11	MmuINT0171252	chrX	20291858	20291978	+	0.039691
Usp11	MmuINT0171253	chrX	20292063	20292153	+	0.044265
Usp11	MmuINT0171254	chrX	20292249	20293872	+	0.029149
Usp11	MmuINT0171255	chrX	20294080	20294880	+	0.110126
Usp11	MmuINT0171256	chrX	20294931	20295119	+	0.084947
Usp11	MmuINT0171257	chrX	20295399	20295479	+	0.043266

Usp11	MmuINT0171258	chrX	20295551	20295804	+	0.091898
Usp11	MmuINT0171259	chrX	20295918	20296190	+	0.049817
Usp11	MmuINT0171260	chrX	20296341	20296424	+	0.043842
Usp11	MmuINT0171261	chrX	20296541	20296718	+	0.031768
Usp11	MmuINT0171263	chrX	20296808	20296891	+	0.050969
Usp11	MmuINT0171265	chrX	20289570	20289962	+	0.046036
Usp11	MmuINT0171266	chrX	20290109	20290240	+	0.038727
Usp11	MmuINT0171268	chrX	20290523	20290873	+	0.09981
Usp11	MmuINT0171269	chrX	20291048	20291139	+	0.043185
Usp11	MmuINT0171270	chrX	20291299	20291632	+	0.103527
Usp12	MmuINT0171271	chr5	1.48E+08	1.48E+08	-	0.022946
Usp12	MmuINT0171272	chr5	1.48E+08	1.48E+08	-	0.003843
Usp12	MmuINT0171273	chr5	1.48E+08	1.48E+08	-	0.006392
Usp12	MmuINT0171275	chr5	1.48E+08	1.48E+08	-	0.016108
Usp12	MmuINT0171276	chr5	1.48E+08	1.48E+08	-	0.020428
Usp12	MmuINT0171277	chr5	1.48E+08	1.48E+08	-	0.022353
Usp12	MmuINT0171278	chr5	1.48E+08	1.48E+08	-	0.027523
Usp13	MmuINT0171279	chr3	32716795	32736757	+	0.00257
Usp13	MmuINT0171280	chr3	32785511	32793685	+	0.001455
Usp13	MmuINT0171281	chr3	32793812	32800876	+	0.001585
Usp13	MmuINT0171282	chr3	32801031	32804211	+	0.001413
Usp13	MmuINT0171283	chr3	32804387	32810494	+	0.002683
Usp13	MmuINT0171284	chr3	32810584	32813020	+	0.001955
Usp13	MmuINT0171285	chr3	32813144	32813909	+	0.004351
Usp13	MmuINT0171286	chr3	32813937	32814590	+	0.002595
Usp13	MmuINT0171287	chr3	32814735	32816380	+	0.001679
Usp13	MmuINT0171288	chr3	32816539	32817838	+	0.001053
Usp13	MmuINT0171289	chr3	32817993	32830579	+	0.001373
Usp13	MmuINT0171290	chr3	32736884	32746731	+	0.002255
Usp13	MmuINT0171291	chr3	32830665	32832061	+	0.014774
Usp13	MmuINT0171292	chr3	32746793	32753477	+	0.002846
Usp13	MmuINT0171293	chr3	32753600	32760692	+	0.005109
Usp13	MmuINT0171294	chr3	32760836	32764703	+	0.00137
Usp13	MmuINT0171295	chr3	32764889	32775799	+	0.002068
Usp13	MmuINT0171296	chr3	32775895	32780242	+	0.00289
Usp13	MmuINT0171297	chr3	32780431	32785029	+	0.001887
Usp13	MmuINT0171298	chr3	32785102	32785416	+	0.003821
Usp14	MmuINT0171300	chr18	10024678	10029910	-	0.010076
Usp14	MmuINT0171301	chr18	10002432	10004893	-	0.00568
Usp14	MmuINT0171302	chr18	10001862	10002365	-	0.018522
Usp14	MmuINT0171303	chr18	10000622	10001768	-	0.003959
Usp14	MmuINT0171304	chr18	9997773	10000492	-	0.005333
Usp14	MmuINT0171305	chr18	9997279	9997714	-	0.013044
Usp14	MmuINT0171306	chr18	9996247	9997170	-	0.014512
Usp14	MmuINT0171307	chr18	10022849	10024531	-	0.003055
Usp14	MmuINT0171308	chr18	10018094	10022815	-	0.004604
Usp14	MmuINT0171309	chr18	10016643	10017988	-	0.006849
Usp14	MmuINT0171310	chr18	10012270	10016538	-	0.015682
Usp14	MmuINT0171311	chr18	10010081	10012210	-	0.016203
Usp14	MmuINT0171312	chr18	10007846	10009949	-	0.015165

Usp14	MmuINT0171313	chr18	10005714	10007764	-	0.003849
Usp14	MmuINT0171314	chr18	10005009	10005627	-	0.003942
Usp15	MmuINT0171315	chr10	1.23E+08	1.23E+08	-	0.013927
Usp15	MmuINT0171316	chr10	1.23E+08	1.23E+08	-	0.003755
Usp15	MmuINT0171317	chr10	1.23E+08	1.23E+08	-	0.016095
Usp15	MmuINT0171318	chr10	1.23E+08	1.23E+08	-	0.015403
Usp15	MmuINT0171319	chr10	1.23E+08	1.23E+08	-	0.006683
Usp15	MmuINT0171320	chr10	1.23E+08	1.23E+08	-	0.00817
Usp15	MmuINT0171321	chr10	1.23E+08	1.23E+08	-	0.003118
Usp15	MmuINT0171322	chr10	1.23E+08	1.23E+08	-	0.002474
Usp15	MmuINT0171323	chr10	1.23E+08	1.23E+08	-	0.004594
Usp15	MmuINT0171324	chr10	1.23E+08	1.23E+08	-	0.004364
Usp15	MmuINT0171325	chr10	1.23E+08	1.23E+08	-	0.007196
Usp15	MmuINT0171326	chr10	1.23E+08	1.23E+08	-	0.003492
Usp15	MmuINT0171327	chr10	1.23E+08	1.23E+08	-	0.024138
Usp15	MmuINT0171328	chr10	1.23E+08	1.23E+08	-	0.013537
Usp15	MmuINT0171329	chr10	1.23E+08	1.23E+08	-	0.004293
Usp15	MmuINT0171330	chr10	1.23E+08	1.23E+08	-	0.003592
Usp15	MmuINT0171331	chr10	1.23E+08	1.23E+08	-	0.005863
Usp15	MmuINT0171332	chr10	1.23E+08	1.23E+08	-	0.026212
Usp15	MmuINT0171333	chr10	1.23E+08	1.23E+08	-	0.011533
Usp15	MmuINT0171334	chr10	1.23E+08	1.23E+08	-	0.003537
Usp15	MmuINT0171335	chr10	1.23E+08	1.23E+08	-	0.004229
Usp16	MmuINT0171336	chr16	87455348	87458885	+	0.012441
Usp16	MmuINT0171337	chr16	87473431	87474826	+	0.107007
Usp16	MmuINT0171338	chr16	87474919	87475661	+	0.062841
Usp16	MmuINT0171339	chr16	87475719	87476958	+	0.014802
Usp16	MmuINT0171340	chr16	87477133	87479370	+	0.004838
Usp16	MmuINT0171341	chr16	87480035	87481119	+	0.015132
Usp16	MmuINT0171342	chr16	87481215	87481958	+	0.027624
Usp16	MmuINT0171343	chr16	87482046	87483104	+	0.020623
Usp16	MmuINT0171344	chr16	87483262	87483351	+	0.006042
Usp16	MmuINT0171345	chr16	87458988	87462209	+	0.00998
Usp16	MmuINT0171346	chr16	87462386	87464979	+	0.017244
Usp16	MmuINT0171347	chr16	87465084	87466497	+	0.009183
Usp16	MmuINT0171348	chr16	87466602	87469919	+	0.00663
Usp16	MmuINT0171349	chr16	87470108	87470598	+	0.006342
Usp16	MmuINT0171350	chr16	87470695	87471956	+	0.047197
Usp16	MmuINT0171351	chr16	87472088	87472325	+	0.013309
Usp16	MmuINT0171352	chr16	87472414	87473351	+	0.112193
Usp18	MmuINT0171353	chr6	1.21E+08	1.21E+08	+	0.044024
Usp18	MmuINT0171354	chr6	1.21E+08	1.21E+08	+	0.087535
Usp18	MmuINT0171355	chr6	1.21E+08	1.21E+08	+	0.262504
Usp18	MmuINT0171356	chr6	1.21E+08	1.21E+08	+	0.064659
Usp18	MmuINT0171357	chr6	1.21E+08	1.21E+08	+	0.090114
Usp18	MmuINT0171358	chr6	1.21E+08	1.21E+08	+	0.086448
Usp18	MmuINT0171359	chr6	1.21E+08	1.21E+08	+	0.105239
Usp18	MmuINT0171360	chr6	1.21E+08	1.21E+08	+	0.070565
Usp18	MmuINT0171361	chr6	1.21E+08	1.21E+08	+	0.099801
Usp18	MmuINT0171362	chr6	1.21E+08	1.21E+08	+	0.091642

Usp19	MmuINT0171363	chr9	1.08E+08	1.08E+08	+	0.012456
Usp19	MmuINT0171364	chr9	1.08E+08	1.08E+08	+	0.007677
Usp19	MmuINT0171365	chr9	1.08E+08	1.08E+08	+	0.002547
Usp19	MmuINT0171366	chr9	1.08E+08	1.08E+08	+	0.002551
Usp19	MmuINT0171367	chr9	1.08E+08	1.08E+08	+	0.01366
Usp19	MmuINT0171368	chr9	1.08E+08	1.08E+08	+	0.015001
Usp19	MmuINT0171369	chr9	1.08E+08	1.08E+08	+	0.009375
Usp19	MmuINT0171370	chr9	1.08E+08	1.08E+08	+	0.00318
Usp19	MmuINT0171371	chr9	1.08E+08	1.08E+08	+	0.012667
Usp19	MmuINT0171372	chr9	1.08E+08	1.08E+08	+	0.056561
Usp19	MmuINT0171373	chr9	1.08E+08	1.08E+08	+	0.007282
Usp19	MmuINT0171374	chr9	1.08E+08	1.08E+08	+	0.007814
Usp19	MmuINT0171375	chr9	1.08E+08	1.08E+08	+	0.027209
Usp19	MmuINT0171376	chr9	1.08E+08	1.08E+08	+	0.006603
Usp19	MmuINT0171377	chr9	1.08E+08	1.08E+08	+	0.009955
Usp19	MmuINT0171378	chr9	1.08E+08	1.08E+08	+	0.014385
Usp19	MmuINT0171379	chr9	1.08E+08	1.08E+08	+	0.013448
Usp19	MmuINT0171380	chr9	1.08E+08	1.08E+08	+	0.099385
Usp19	MmuINT0171381	chr9	1.08E+08	1.08E+08	+	0.006622
Usp19	MmuINT0171382	chr9	1.08E+08	1.08E+08	+	0.015343
Usp19	MmuINT0171383	chr9	1.08E+08	1.08E+08	+	0.003065
Usp19	MmuINT0171384	chr9	1.08E+08	1.08E+08	+	0.071377
Usp19	MmuINT0171385	chr9	1.08E+08	1.08E+08	+	0.01256
Usp19	MmuINT0171386	chr9	1.08E+08	1.08E+08	+	0.004179
Usp2	MmuINT0171389	chr9	43877615	43883448	+	0.013501
Usp2	MmuINT0171390	chr9	43900639	43900784	+	0.025475
Usp2	MmuINT0171391	chr9	43900893	43901209	+	0.050206
Usp2	MmuINT0171392	chr9	43901331	43901856	+	0.010795
Usp2	MmuINT0171393	chr9	43884306	43897214	+	0.031549
Usp2	MmuINT0171394	chr9	43897266	43898112	+	0.023724
Usp2	MmuINT0171395	chr9	43898237	43899086	+	0.014949
Usp2	MmuINT0171396	chr9	43899199	43899294	+	0.007127
Usp2	MmuINT0171397	chr9	43899406	43899918	+	0.027347
Usp2	MmuINT0171398	chr9	43899984	43900167	+	0.019963
Usp2	MmuINT0171399	chr9	43900272	43900358	+	0.006779
Usp2	MmuINT0171400	chr9	43900440	43900559	+	0.021529
Usp20	MmuINT0171403	chr2	30837919	30851567	+	0.384794
Usp20	MmuINT0171404	chr2	30863378	30865685	+	0.019575
Usp20	MmuINT0171405	chr2	30866134	30866498	+	0.004181
Usp20	MmuINT0171406	chr2	30866643	30866900	+	0.126087
Usp20	MmuINT0171407	chr2	30867017	30867142	+	0.007733
Usp20	MmuINT0171408	chr2	30867316	30867826	+	0.018949
Usp20	MmuINT0171409	chr2	30867922	30871807	+	0.018845
Usp20	MmuINT0171410	chr2	30871842	30872012	+	0.027211
Usp20	MmuINT0171411	chr2	30872059	30872648	+	0.039104
Usp20	MmuINT0171412	chr2	30872830	30872904	+	0.053278
Usp20	MmuINT0171413	chr2	30873032	30873201	+	0.019702
Usp20	MmuINT0171414	chr2	30851668	30854292	+	0.008356
Usp20	MmuINT0171415	chr2	30873372	30873452	+	0.018728
Usp20	MmuINT0171416	chr2	30873535	30874234	+	0.04483

Usp20	MmuINT0171417	chr2	30874344	30875304	+	0.019232
Usp20	MmuINT0171418	chr2	30875408	30876348	+	0.009307
Usp20	MmuINT0171419	chr2	30876421	30876843	+	0.020006
Usp20	MmuINT0171420	chr2	30854389	30855576	+	0.0138
Usp20	MmuINT0171421	chr2	30855631	30858075	+	0.025232
Usp20	MmuINT0171422	chr2	30858139	30858435	+	0.010596
Usp20	MmuINT0171423	chr2	30858568	30859923	+	0.017242
Usp20	MmuINT0171424	chr2	30860021	30860451	+	0.030354
Usp20	MmuINT0171425	chr2	30860522	30861903	+	0.046579
Usp20	MmuINT0171426	chr2	30862018	30863298	+	0.027998
Usp21	MmuINT0171427	chr1	1.73E+08	1.73E+08	-	0.032638
Usp21	MmuINT0171428	chr1	1.73E+08	1.73E+08	-	0.090099
Usp21	MmuINT0171429	chr1	1.73E+08	1.73E+08	-	0.095446
Usp21	MmuINT0171430	chr1	1.73E+08	1.73E+08	-	0.047255
Usp21	MmuINT0171431	chr1	1.73E+08	1.73E+08	-	0.152922
Usp21	MmuINT0171432	chr1	1.73E+08	1.73E+08	-	0.068093
Usp21	MmuINT0171433	chr1	1.73E+08	1.73E+08	-	0.058642
Usp21	MmuINT0171434	chr1	1.73E+08	1.73E+08	-	0.0724
Usp21	MmuINT0171435	chr1	1.73E+08	1.73E+08	-	0.028062
Usp21	MmuINT0171436	chr1	1.73E+08	1.73E+08	-	0.09889
Usp21	MmuINT0171437	chr1	1.73E+08	1.73E+08	-	0.051128
Usp21	MmuINT0171438	chr1	1.73E+08	1.73E+08	-	0.094688
Usp22	MmuINT0171439	chr11	60981895	60988216	-	0.013793
Usp22	MmuINT0171440	chr11	60969333	60970672	-	0.047135
Usp22	MmuINT0171441	chr11	60968832	60969269	-	0.024931
Usp22	MmuINT0171442	chr11	60968016	60968681	-	0.01164
Usp22	MmuINT0171443	chr11	60980287	60981761	-	0.019127
Usp22	MmuINT0171444	chr11	60977330	60980172	-	0.023797
Usp22	MmuINT0171445	chr11	60976499	60977227	-	0.021002
Usp22	MmuINT0171446	chr11	60974964	60976328	-	0.080068
Usp22	MmuINT0171447	chr11	60974180	60974815	-	0.027569
Usp22	MmuINT0171448	chr11	60972866	60974073	-	0.028719
Usp22	MmuINT0171449	chr11	60971921	60972706	-	0.024811
Usp22	MmuINT0171450	chr11	60970765	60971793	-	0.032709
Usp24	MmuINT0171451	chr4	1.06E+08	1.06E+08	+	0.040261
Usp24	MmuINT0171452	chr4	1.06E+08	1.06E+08	+	0.01523
Usp24	MmuINT0171453	chr4	1.06E+08	1.06E+08	+	0.01217
Usp24	MmuINT0171454	chr4	1.06E+08	1.06E+08	+	0.012127
Usp24	MmuINT0171455	chr4	1.06E+08	1.06E+08	+	0.010826
Usp24	MmuINT0171456	chr4	1.06E+08	1.06E+08	+	0.009445
Usp24	MmuINT0171457	chr4	1.06E+08	1.06E+08	+	0.020302
Usp24	MmuINT0171458	chr4	1.06E+08	1.06E+08	+	0.01529
Usp24	MmuINT0171459	chr4	1.06E+08	1.06E+08	+	0.010878
Usp24	MmuINT0171460	chr4	1.06E+08	1.06E+08	+	0.008156
Usp24	MmuINT0171461	chr4	1.06E+08	1.06E+08	+	0.009743
Usp24	MmuINT0171462	chr4	1.06E+08	1.06E+08	+	0.015775
Usp24	MmuINT0171463	chr4	1.06E+08	1.06E+08	+	0.01389
Usp24	MmuINT0171464	chr4	1.06E+08	1.06E+08	+	0.011711
Usp24	MmuINT0171465	chr4	1.06E+08	1.06E+08	+	0.016163
Usp24	MmuINT0171466	chr4	1.06E+08	1.06E+08	+	0.013588

Usp24	MmuINT0171467	chr4	1.06E+08	1.06E+08	+	0.016518
Usp24	MmuINT0171468	chr4	1.06E+08	1.06E+08	+	0.014662
Usp24	MmuINT0171469	chr4	1.06E+08	1.06E+08	+	0.01413
Usp24	MmuINT0171470	chr4	1.06E+08	1.06E+08	+	0.010463
Usp24	MmuINT0171471	chr4	1.06E+08	1.06E+08	+	0.017499
Usp24	MmuINT0171472	chr4	1.06E+08	1.06E+08	+	0.011709
Usp24	MmuINT0171473	chr4	1.06E+08	1.06E+08	+	0.013986
Usp24	MmuINT0171474	chr4	1.06E+08	1.06E+08	+	0.008015
Usp24	MmuINT0171475	chr4	1.06E+08	1.06E+08	+	0.00831
Usp24	MmuINT0171476	chr4	1.06E+08	1.06E+08	+	0.006692
Usp24	MmuINT0171477	chr4	1.06E+08	1.06E+08	+	0.007769
Usp24	MmuINT0171478	chr4	1.06E+08	1.06E+08	+	0.006945
Usp24	MmuINT0171479	chr4	1.06E+08	1.06E+08	+	0.009066
Usp24	MmuINT0171480	chr4	1.06E+08	1.06E+08	+	0.012221
Usp24	MmuINT0171481	chr4	1.06E+08	1.06E+08	+	0.014092
Usp24	MmuINT0171482	chr4	1.06E+08	1.06E+08	+	0.0091
Usp24	MmuINT0171483	chr4	1.06E+08	1.06E+08	+	0.006694
Usp24	MmuINT0171484	chr4	1.06E+08	1.06E+08	+	0.009335
Usp24	MmuINT0171485	chr4	1.06E+08	1.06E+08	+	0.008839
Usp24	MmuINT0171486	chr4	1.06E+08	1.06E+08	+	0.009048
Usp24	MmuINT0171487	chr4	1.06E+08	1.06E+08	+	0.007532
Usp24	MmuINT0171488	chr4	1.06E+08	1.06E+08	+	0.008962
Usp24	MmuINT0171489	chr4	1.06E+08	1.06E+08	+	0.009075
Usp24	MmuINT0171490	chr4	1.06E+08	1.06E+08	+	0.012709
Usp24	MmuINT0171491	chr4	1.06E+08	1.06E+08	+	0.007803
Usp24	MmuINT0171492	chr4	1.06E+08	1.06E+08	+	0.014431
Usp24	MmuINT0171493	chr4	1.06E+08	1.06E+08	+	0.008539
Usp24	MmuINT0171494	chr4	1.06E+08	1.06E+08	+	0.009073
Usp24	MmuINT0171495	chr4	1.06E+08	1.06E+08	+	0.012029
Usp24	MmuINT0171496	chr4	1.06E+08	1.06E+08	+	0.006583
Usp24	MmuINT0171497	chr4	1.06E+08	1.06E+08	+	0.006631
Usp24	MmuINT0171498	chr4	1.06E+08	1.06E+08	+	0.009719
Usp24	MmuINT0171499	chr4	1.06E+08	1.06E+08	+	0.006378
Usp24	MmuINT0171500	chr4	1.06E+08	1.06E+08	+	0.008821
Usp24	MmuINT0171501	chr4	1.06E+08	1.06E+08	+	0.005762
Usp24	MmuINT0171502	chr4	1.06E+08	1.06E+08	+	0.009563
Usp24	MmuINT0171503	chr4	1.06E+08	1.06E+08	+	0.00646
Usp24	MmuINT0171504	chr4	1.06E+08	1.06E+08	+	0.0074
Usp24	MmuINT0171505	chr4	1.06E+08	1.06E+08	+	0.005346
Usp24	MmuINT0171506	chr4	1.06E+08	1.06E+08	+	0.015034
Usp24	MmuINT0171507	chr4	1.06E+08	1.06E+08	+	0.010328
Usp24	MmuINT0171508	chr4	1.06E+08	1.06E+08	+	0.007007
Usp24	MmuINT0171509	chr4	1.06E+08	1.06E+08	+	0.013089
Usp24	MmuINT0171510	chr4	1.06E+08	1.06E+08	+	0.017322
Usp24	MmuINT0171511	chr4	1.06E+08	1.06E+08	+	0.007981
Usp24	MmuINT0171512	chr4	1.06E+08	1.06E+08	+	0.021086
Usp24	MmuINT0171513	chr4	1.06E+08	1.06E+08	+	0.004805
Usp24	MmuINT0171514	chr4	1.06E+08	1.06E+08	+	0.06907
Usp24	MmuINT0171515	chr4	1.06E+08	1.06E+08	+	0.02859
Usp24	MmuINT0171516	chr4	1.06E+08	1.06E+08	+	0.016773

Usp24	MmuINT0171517	chr4	1.06E+08	1.06E+08	+	0.012877
Usp25	MmuINT0171518	chr16	77014386	77034147	+	0.012026
Usp25	MmuINT0171519	chr16	77072038	77075103	+	0.005837
Usp25	MmuINT0171520	chr16	77075232	77075515	+	0.005402
Usp25	MmuINT0171521	chr16	77075612	77076604	+	0.007366
Usp25	MmuINT0171522	chr16	77076767	77077248	+	0.003724
Usp25	MmuINT0171523	chr16	77077479	77080568	+	0.006883
Usp25	MmuINT0171524	chr16	77080640	77081701	+	0.004871
Usp25	MmuINT0171525	chr16	77081931	77083993	+	0.003818
Usp25	MmuINT0171526	chr16	77084195	77093847	+	0.005076
Usp25	MmuINT0171527	chr16	77093988	77108129	+	0.060152
Usp25	MmuINT0171528	chr16	77108309	77109418	+	0.004836
Usp25	MmuINT0171529	chr16	77034226	77037592	+	0.00829
Usp25	MmuINT0171530	chr16	77109498	77111310	+	0.008362
Usp25	MmuINT0171531	chr16	77111391	77113977	+	0.010278
Usp25	MmuINT0171532	chr16	77114102	77115128	+	0.004728
Usp25	MmuINT0171533	chr16	77115325	77115634	+	0.002944
Usp25	MmuINT0171534	chr16	77037738	77048686	+	0.006406
Usp25	MmuINT0171535	chr16	77048811	77050642	+	0.005337
Usp25	MmuINT0171536	chr16	77050806	77055398	+	0.006976
Usp25	MmuINT0171537	chr16	77055486	77059407	+	0.007828
Usp25	MmuINT0171538	chr16	77059546	77062640	+	0.006243
Usp25	MmuINT0171539	chr16	77062718	77069297	+	0.006607
Usp25	MmuINT0171540	chr16	77069372	77071888	+	0.008614
Usp28	MmuINT0171549	chr9	48793643	48808455	+	0.00546
Usp28	MmuINT0171550	chr9	48823356	48824786	+	0.004628
Usp28	MmuINT0171551	chr9	48824915	48826476	+	0.002381
Usp28	MmuINT0171552	chr9	48826573	48832010	+	0.043407
Usp28	MmuINT0171553	chr9	48832191	48833872	+	0.011507
Usp28	MmuINT0171554	chr9	48834094	48834923	+	0.002584
Usp28	MmuINT0171555	chr9	48834995	48836177	+	0.002113
Usp28	MmuINT0171556	chr9	48836407	48838831	+	0.002529
Usp28	MmuINT0171557	chr9	48839027	48840318	+	0.005318
Usp28	MmuINT0171558	chr9	48840459	48843697	+	0.21192
Usp28	MmuINT0171559	chr9	48843877	48843986	+	0.005842
Usp28	MmuINT0171560	chr9	48808534	48809612	+	0.004922
Usp28	MmuINT0171561	chr9	48844066	48845281	+	0.015581
Usp28	MmuINT0171562	chr9	48845362	48845872	+	0.00894
Usp28	MmuINT0171563	chr9	48845997	48847086	+	0.00645
Usp28	MmuINT0171564	chr9	48847283	48849478	+	0.002543
Usp28	MmuINT0171565	chr9	48809746	48811095	+	0.002818
Usp28	MmuINT0171566	chr9	48811202	48811927	+	0.001988
Usp28	MmuINT0171567	chr9	48812088	48816533	+	0.007909
Usp28	MmuINT0171568	chr9	48816621	48817200	+	0.003214
Usp28	MmuINT0171569	chr9	48817339	48818347	+	0.031796
Usp28	MmuINT0171570	chr9	48818422	48819367	+	0.038558
Usp28	MmuINT0171571	chr9	48819448	48823206	+	0.008747
Usp3	MmuINT0171579	chr9	66414711	66440590	-	0.077696
Usp3	MmuINT0171580	chr9	66374827	66374921	-	0.017777
Usp3	MmuINT0171581	chr9	66368535	66374745	-	0.039072

Usp3	MmuINT0171582	chr9	66368194	66368415	-	0.039468
Usp3	MmuINT0171583	chr9	66367972	66368079	-	0.019987
Usp3	MmuINT0171584	chr9	66366386	66367903	-	0.024657
Usp3	MmuINT0171585	chr9	66410493	66414649	-	0.021482
Usp3	MmuINT0171586	chr9	66395763	66410360	-	0.020926
Usp3	MmuINT0171587	chr9	66393633	66395678	-	0.020777
Usp3	MmuINT0171588	chr9	66391836	66393550	-	0.020182
Usp3	MmuINT0171589	chr9	66390434	66391752	-	0.031453
Usp3	MmuINT0171590	chr9	66387983	66390319	-	0.025624
Usp3	MmuINT0171591	chr9	66378198	66387868	-	0.023737
Usp3	MmuINT0171592	chr9	66375029	66378050	-	0.02084
Usp30	MmuINT0171593	chr5	1.15E+08	1.15E+08	+	0.050719
Usp30	MmuINT0171594	chr5	1.15E+08	1.15E+08	+	0.03209
Usp30	MmuINT0171595	chr5	1.15E+08	1.15E+08	+	0.019056
Usp30	MmuINT0171596	chr5	1.15E+08	1.15E+08	+	0.014322
Usp30	MmuINT0171597	chr5	1.15E+08	1.15E+08	+	0.029564
Usp30	MmuINT0171598	chr5	1.15E+08	1.15E+08	+	0.019497
Usp30	MmuINT0171599	chr5	1.15E+08	1.15E+08	+	0.026787
Usp30	MmuINT0171600	chr5	1.15E+08	1.15E+08	+	0.08791
Usp30	MmuINT0171601	chr5	1.15E+08	1.15E+08	+	0.047245
Usp30	MmuINT0171602	chr5	1.15E+08	1.15E+08	+	0.038434
Usp30	MmuINT0171603	chr5	1.15E+08	1.15E+08	+	0.03603
Usp30	MmuINT0171604	chr5	1.15E+08	1.15E+08	+	0.026935
Usp31	MmuINT0171606	chr7	1.29E+08	1.29E+08	-	0.072747
Usp31	MmuINT0171607	chr7	1.29E+08	1.29E+08	-	0.064068
Usp31	MmuINT0171608	chr7	1.29E+08	1.29E+08	-	0.045773
Usp31	MmuINT0171609	chr7	1.29E+08	1.29E+08	-	0.071968
Usp31	MmuINT0171610	chr7	1.29E+08	1.29E+08	-	0.049816
Usp31	MmuINT0171611	chr7	1.29E+08	1.29E+08	-	0.179081
Usp31	MmuINT0171612	chr7	1.29E+08	1.29E+08	-	0.050048
Usp31	MmuINT0171613	chr7	1.29E+08	1.29E+08	-	0.045198
Usp31	MmuINT0171614	chr7	1.29E+08	1.29E+08	-	0.038054
Usp31	MmuINT0171615	chr7	1.29E+08	1.29E+08	-	0.063546
Usp31	MmuINT0171616	chr7	1.29E+08	1.29E+08	-	0.066466
Usp31	MmuINT0171617	chr7	1.29E+08	1.29E+08	-	0.058209
Usp31	MmuINT0171618	chr7	1.29E+08	1.29E+08	-	0.03678
Usp31	MmuINT0171619	chr7	1.29E+08	1.29E+08	-	0.049541
Usp32	MmuINT0171620	chr11	84917529	84953212	-	0.021611
Usp32	MmuINT0171621	chr11	84863951	84864692	-	0.026788
Usp32	MmuINT0171622	chr11	84858315	84863888	-	0.024462
Usp32	MmuINT0171623	chr11	84856183	84858211	-	0.016091
Usp32	MmuINT0171624	chr11	84853673	84855989	-	0.014494
Usp32	MmuINT0171625	chr11	84852844	84853496	-	0.016097
Usp32	MmuINT0171626	chr11	84850142	84852702	-	0.013929
Usp32	MmuINT0171627	chr11	84845726	84850023	-	0.220871
Usp32	MmuINT0171628	chr11	84844067	84845570	-	0.023625
Usp32	MmuINT0171629	chr11	84842638	84843984	-	0.030089
Usp32	MmuINT0171630	chr11	84840742	84842562	-	0.02023
Usp32	MmuINT0171631	chr11	84897397	84917400	-	0.02397
Usp32	MmuINT0171632	chr11	84840384	84840602	-	0.021774



Usp32	MmuINT0171633	chr11	84839195	84840277	-	0.020738
Usp32	MmuINT0171635	chr11	84835810	84836232	-	0.013696
Usp32	MmuINT0171636	chr11	84833379	84835657	-	0.04375
Usp32	MmuINT0171637	chr11	84831344	84833266	-	0.020042
Usp32	MmuINT0171638	chr11	84823646	84831131	-	0.013418
Usp32	MmuINT0171639	chr11	84820582	84823460	-	0.014165
Usp32	MmuINT0171640	chr11	84819431	84820494	-	0.033725
Usp32	MmuINT0171641	chr11	84808080	84819309	-	0.013906
Usp32	MmuINT0171642	chr11	84894752	84897290	-	0.015633
Usp32	MmuINT0171643	chr11	84806244	84807887	-	0.011684
Usp32	MmuINT0171644	chr11	84802261	84805954	-	0.01189
Usp32	MmuINT0171645	chr11	84800864	84801835	-	0.036434
Usp32	MmuINT0171646	chr11	84800086	84800770	-	0.022488
Usp32	MmuINT0171647	chr11	84890927	84894632	-	0.031874
Usp32	MmuINT0171648	chr11	84872762	84890766	-	0.030391
Usp32	MmuINT0171650	chr11	84867552	84869267	-	0.037528
Usp32	MmuINT0171651	chr11	84867213	84867435	-	0.033488
Usp32	MmuINT0171652	chr11	84864777	84867149	-	0.035216
Usp33	MmuINT0171653	chr3	1.52E+08	1.52E+08	+	0.015461
Usp33	MmuINT0171654	chr3	1.52E+08	1.52E+08	+	0.011364
Usp33	MmuINT0171655	chr3	1.52E+08	1.52E+08	+	0.011863
Usp33	MmuINT0171656	chr3	1.52E+08	1.52E+08	+	0.173417
Usp33	MmuINT0171657	chr3	1.52E+08	1.52E+08	+	0.172771
Usp33	MmuINT0171658	chr3	1.52E+08	1.52E+08	+	0.025849
Usp33	MmuINT0171659	chr3	1.52E+08	1.52E+08	+	0.015259
Usp33	MmuINT0171660	chr3	1.52E+08	1.52E+08	+	0.021244
Usp33	MmuINT0171661	chr3	1.52E+08	1.52E+08	+	0.029119
Usp33	MmuINT0171662	chr3	1.52E+08	1.52E+08	+	0.012215
Usp33	MmuINT0171663	chr3	1.52E+08	1.52E+08	+	0.022854
Usp33	MmuINT0171664	chr3	1.52E+08	1.52E+08	+	0.124433
Usp33	MmuINT0171665	chr3	1.52E+08	1.52E+08	+	0.045917
Usp33	MmuINT0171666	chr3	1.52E+08	1.52E+08	+	0.025647
Usp33	MmuINT0171667	chr3	1.52E+08	1.52E+08	+	0.023778
Usp33	MmuINT0171668	chr3	1.52E+08	1.52E+08	+	0.011065
Usp33	MmuINT0171669	chr3	1.52E+08	1.52E+08	+	0.024226
Usp33	MmuINT0171670	chr3	1.52E+08	1.52E+08	+	0.019341
Usp33	MmuINT0171671	chr3	1.52E+08	1.52E+08	+	0.01849
Usp33	MmuINT0171672	chr3	1.52E+08	1.52E+08	+	0.022172
Usp34	MmuINT0171673	chr11	23207017	23220660	+	0.051113
Usp34	MmuINT0171674	chr11	23255099	23261278	+	0.035887
Usp34	MmuINT0171675	chr11	23261405	23261586	+	0.020116
Usp34	MmuINT0171676	chr11	23261717	23262576	+	0.047135
Usp34	MmuINT0171677	chr11	23262613	23263057	+	0.031124
Usp34	MmuINT0171678	chr11	23263189	23263790	+	0.02183
Usp34	MmuINT0171680	chr11	23264513	23267338	+	0.035393
Usp34	MmuINT0171681	chr11	23267554	23270238	+	0.029943
Usp34	MmuINT0171682	chr11	23270355	23270443	+	0.030592
Usp34	MmuINT0171683	chr11	23270572	23273320	+	0.037116
Usp34	MmuINT0171684	chr11	23220749	23233438	+	0.046126
Usp34	MmuINT0171685	chr11	23273411	23275000	+	0.029651

Usp34	MmuINT0171686	chr11	23275097	23277554	+	0.021543
Usp34	MmuINT0171687	chr11	23277638	23281224	+	0.032417
Usp34	MmuINT0171688	chr11	23281380	23282553	+	0.023621
Usp34	MmuINT0171689	chr11	23282668	23284400	+	0.028389
Usp34	MmuINT0171690	chr11	23284501	23285012	+	0.020436
Usp34	MmuINT0171691	chr11	23285173	23288433	+	0.025948
Usp34	MmuINT0171692	chr11	23288561	23288663	+	0.022022
Usp34	MmuINT0171693	chr11	23288812	23292841	+	0.03153
Usp34	MmuINT0171694	chr11	23292943	23293751	+	0.020431
Usp34	MmuINT0171695	chr11	23233860	23243319	+	0.041003
Usp34	MmuINT0171696	chr11	23293962	23301452	+	0.040549
Usp34	MmuINT0171697	chr11	23301579	23303559	+	0.01387
Usp34	MmuINT0171698	chr11	23303683	23303811	+	0.03998
Usp34	MmuINT0171699	chr11	23303896	23305866	+	0.02767
Usp34	MmuINT0171700	chr11	23305954	23312214	+	0.029027
Usp34	MmuINT0171701	chr11	23312416	23314735	+	0.022778
Usp34	MmuINT0171702	chr11	23314819	23317462	+	0.033045
Usp34	MmuINT0171703	chr11	23317504	23317648	+	0.035265
Usp34	MmuINT0171704	chr11	23317774	23318978	+	0.024237
Usp34	MmuINT0171705	chr11	23319132	23320039	+	0.015303
Usp34	MmuINT0171706	chr11	23243371	23243510	+	0.035834
Usp34	MmuINT0171707	chr11	23320145	23321097	+	0.016868
Usp34	MmuINT0171708	chr11	23321154	23321245	+	0.018426
Usp34	MmuINT0171709	chr11	23321367	23326061	+	0.027611
Usp34	MmuINT0171710	chr11	23326246	23326634	+	0.017154
Usp34	MmuINT0171711	chr11	23326796	23329299	+	0.028781
Usp34	MmuINT0171712	chr11	23329366	23332245	+	0.018497
Usp34	MmuINT0171713	chr11	23332393	23332477	+	0.019627
Usp34	MmuINT0171714	chr11	23332535	23332618	+	0.023912
Usp34	MmuINT0171715	chr11	23332697	23333179	+	0.019737
Usp34	MmuINT0171716	chr11	23333275	23335906	+	0.021154
Usp34	MmuINT0171717	chr11	23243661	23245149	+	0.035674
Usp34	MmuINT0171718	chr11	23336080	23338866	+	0.010605
Usp34	MmuINT0171719	chr11	23339021	23341099	+	0.025299
Usp34	MmuINT0171720	chr11	23341179	23344146	+	0.032099
Usp34	MmuINT0171721	chr11	23344201	23344305	+	0.024749
Usp34	MmuINT0171722	chr11	23344402	23346431	+	0.022992
Usp34	MmuINT0171723	chr11	23346497	23346578	+	0.029851
Usp34	MmuINT0171724	chr11	23346655	23346743	+	0.021575
Usp34	MmuINT0171725	chr11	23346792	23346917	+	0.033751
Usp34	MmuINT0171726	chr11	23346984	23349212	+	0.019404
Usp34	MmuINT0171727	chr11	23349294	23351995	+	0.020546
Usp34	MmuINT0171728	chr11	23245218	23249150	+	0.036649
Usp34	MmuINT0171729	chr11	23352082	23352518	+	0.014876
Usp34	MmuINT0171730	chr11	23352688	23352790	+	0.012657
Usp34	MmuINT0171731	chr11	23352866	23354524	+	0.018128
Usp34	MmuINT0171732	chr11	23354677	23357797	+	0.184842
Usp34	MmuINT0171733	chr11	23357847	23357931	+	0.038559
Usp34	MmuINT0171734	chr11	23358037	23358114	+	0.034934
Usp34	MmuINT0171735	chr11	23358160	23359123	+	0.029481

Usp34	MmuINT0171736	chr11	23359229	23360561	+	0.019867
Usp34	MmuINT0171737	chr11	23360710	23364216	+	0.012868
Usp34	MmuINT0171738	chr11	23364852	23367145	+	0.012176
Usp34	MmuINT0171739	chr11	23249344	23251591	+	0.032557
Usp34	MmuINT0171740	chr11	23367304	23368804	+	0.055098
Usp34	MmuINT0171741	chr11	23368884	23370288	+	0.02378
Usp34	MmuINT0171742	chr11	23370416	23371481	+	0.016404
Usp34	MmuINT0171743	chr11	23371590	23372949	+	0.017335
Usp34	MmuINT0171744	chr11	23373055	23373169	+	0.026129
Usp34	MmuINT0171745	chr11	23373295	23374265	+	0.027978
Usp34	MmuINT0171746	chr11	23374390	23384101	+	0.048834
Usp34	MmuINT0171747	chr11	23384182	23386817	+	0.068207
Usp34	MmuINT0171748	chr11	23386959	23387078	+	0.033192
Usp34	MmuINT0171749	chr11	23251654	23254844	+	0.030195
Usp34	MmuINT0171750	chr11	23388369	23388583	+	0.028905
Usp34	MmuINT0171751	chr11	23254927	23255005	+	0.045199
Usp36	MmuINT0171762	chr11	1.18E+08	1.18E+08	-	0.012488
Usp36	MmuINT0171763	chr11	1.18E+08	1.18E+08	-	0.022158
Usp36	MmuINT0171764	chr11	1.18E+08	1.18E+08	-	0.014319
Usp36	MmuINT0171765	chr11	1.18E+08	1.18E+08	-	0.015945
Usp36	MmuINT0171766	chr11	1.18E+08	1.18E+08	-	0.120571
Usp36	MmuINT0171767	chr11	1.18E+08	1.18E+08	-	0.104921
Usp36	MmuINT0171768	chr11	1.18E+08	1.18E+08	-	0.015148
Usp36	MmuINT0171769	chr11	1.18E+08	1.18E+08	-	0.043661
Usp36	MmuINT0171770	chr11	1.18E+08	1.18E+08	-	0.035275
Usp36	MmuINT0171771	chr11	1.18E+08	1.18E+08	-	0.021434
Usp36	MmuINT0171772	chr11	1.18E+08	1.18E+08	-	0.280764
Usp36	MmuINT0171773	chr11	1.18E+08	1.18E+08	-	0.013758
Usp36	MmuINT0171774	chr11	1.18E+08	1.18E+08	-	0.061784
Usp36	MmuINT0171775	chr11	1.18E+08	1.18E+08	-	0.042641
Usp36	MmuINT0171776	chr11	1.18E+08	1.18E+08	-	0.019242
Usp36	MmuINT0171777	chr11	1.18E+08	1.18E+08	-	0.036617
Usp36	MmuINT0171778	chr11	1.18E+08	1.18E+08	-	0.037343
Usp36	MmuINT0171779	chr11	1.18E+08	1.18E+08	-	0.080728
Usp36	MmuINT0171780	chr11	1.18E+08	1.18E+08	-	0.040339
Usp37	MmuINT0171782	chr1	74521719	74524620	-	0.058877
Usp37	MmuINT0171783	chr1	74518261	74521559	-	0.070683
Usp37	MmuINT0171784	chr1	74517994	74518128	-	0.060497
Usp37	MmuINT0171785	chr1	74517302	74517869	-	0.045409
Usp37	MmuINT0171786	chr1	74514959	74517110	-	0.051894
Usp37	MmuINT0171787	chr1	74513569	74514840	-	0.056987
Usp37	MmuINT0171788	chr1	74508305	74513488	-	0.043168
Usp37	MmuINT0171790	chr1	74502795	74506488	-	0.059323
Usp37	MmuINT0171791	chr1	74500658	74502652	-	0.047616
Usp37	MmuINT0171793	chr1	74499428	74500401	-	0.035282
Usp37	MmuINT0171794	chr1	74497130	74499260	-	0.047387
Usp37	MmuINT0171795	chr1	74491103	74497068	-	0.08186
Usp37	MmuINT0171796	chr1	74488176	74490986	-	0.048887
Usp37	MmuINT0171797	chr1	74486673	74488105	-	0.069712
Usp37	MmuINT0171801	chr1	74536765	74539478	-	0.054567

Usp37	MmuINT0171802	chr1	74533372	74536663	-	0.054336
Usp37	MmuINT0171803	chr1	74532630	74533192	-	0.058111
Usp37	MmuINT0171804	chr1	74526324	74532554	-	0.056765
Usp38	MmuINT0171806	chr8	83536202	83537653	-	0.013773
Usp38	MmuINT0171807	chr8	83529361	83536065	-	0.017365
Usp38	MmuINT0171808	chr8	83525054	83529230	-	0.022261
Usp38	MmuINT0171809	chr8	83519740	83524951	-	0.021352
Usp38	MmuINT0171810	chr8	83517289	83519580	-	0.016749
Usp38	MmuINT0171811	chr8	83514000	83517094	-	0.01648
Usp38	MmuINT0171812	chr8	83511493	83513905	-	0.023526
Usp38	MmuINT0171813	chr8	83509700	83511385	-	0.036508
Usp38	MmuINT0171814	chr8	83505880	83508336	-	0.01042
Usp39	MmuINT0171816	chr6	72271386	72275639	-	0.01743
Usp39	MmuINT0171817	chr6	72269821	72271249	-	0.012494
Usp39	MmuINT0171818	chr6	72269234	72269733	-	0.010555
Usp39	MmuINT0171819	chr6	72290056	72292892	-	0.013716
Usp39	MmuINT0171820	chr6	72288524	72289960	-	0.011483
Usp39	MmuINT0171821	chr6	72287849	72288386	-	0.008392
Usp39	MmuINT0171822	chr6	72286480	72287695	-	0.042321
Usp39	MmuINT0171823	chr6	72283182	72286253	-	0.015623
Usp39	MmuINT0171824	chr6	72279512	72283103	-	0.017175
Usp39	MmuINT0171825	chr6	72278701	72279443	-	0.012836
Usp39	MmuINT0171826	chr6	72275783	72278511	-	0.011611
Usp4	MmuINT0171827	chr9	1.08E+08	1.08E+08	+	0.006145
Usp4	MmuINT0171828	chr9	1.08E+08	1.08E+08	+	0.003401
Usp4	MmuINT0171829	chr9	1.08E+08	1.08E+08	+	0.003981
Usp4	MmuINT0171830	chr9	1.08E+08	1.08E+08	+	0.008487
Usp4	MmuINT0171831	chr9	1.08E+08	1.08E+08	+	0.005339
Usp4	MmuINT0171832	chr9	1.08E+08	1.08E+08	+	0.004748
Usp4	MmuINT0171833	chr9	1.08E+08	1.08E+08	+	0.002971
Usp4	MmuINT0171834	chr9	1.08E+08	1.08E+08	+	0.005757
Usp4	MmuINT0171835	chr9	1.08E+08	1.08E+08	+	0.012309
Usp4	MmuINT0171836	chr9	1.08E+08	1.08E+08	+	0.014896
Usp4	MmuINT0171837	chr9	1.08E+08	1.08E+08	+	0.038335
Usp4	MmuINT0171838	chr9	1.08E+08	1.08E+08	+	0.00318
Usp4	MmuINT0171839	chr9	1.08E+08	1.08E+08	+	0.066557
Usp4	MmuINT0171840	chr9	1.08E+08	1.08E+08	+	0.006721
Usp4	MmuINT0171841	chr9	1.08E+08	1.08E+08	+	0.004678
Usp4	MmuINT0171842	chr9	1.08E+08	1.08E+08	+	0.003047
Usp4	MmuINT0171843	chr9	1.08E+08	1.08E+08	+	0.004526
Usp4	MmuINT0171844	chr9	1.08E+08	1.08E+08	+	0.00557
Usp4	MmuINT0171845	chr9	1.08E+08	1.08E+08	+	0.004507
Usp4	MmuINT0171846	chr9	1.08E+08	1.08E+08	+	0.003586
Usp4	MmuINT0171847	chr9	1.08E+08	1.08E+08	+	0.003741
Usp40	MmuINT0171848	chr1	89904018	89905012	-	0.018301
Usp40	MmuINT0171849	chr1	89882775	89885459	-	0.017757
Usp40	MmuINT0171850	chr1	89880411	89882476	-	0.014157
Usp40	MmuINT0171851	chr1	89878756	89880328	-	0.025068
Usp40	MmuINT0171852	chr1	89877631	89878583	-	0.019177
Usp40	MmuINT0171853	chr1	89876661	89877545	-	0.01444

Usp40	MmuINT0171854	chr1	89875209	89876589	-	0.022351
Usp40	MmuINT0171855	chr1	89872507	89874885	-	0.017537
Usp40	MmuINT0171856	chr1	89870710	89872382	-	0.03946
Usp40	MmuINT0171858	chr1	89856439	89858998	-	0.051311
Usp40	MmuINT0171859	chr1	89900890	89903799	-	0.020286
Usp40	MmuINT0171860	chr1	89853910	89856363	-	0.018785
Usp40	MmuINT0171861	chr1	89850821	89853785	-	0.030995
Usp40	MmuINT0171862	chr1	89849034	89850725	-	0.148406
Usp40	MmuINT0171863	chr1	89848284	89848914	-	0.019959
Usp40	MmuINT0171864	chr1	89846945	89848217	-	0.031636
Usp40	MmuINT0171865	chr1	89846603	89846733	-	0.020346
Usp40	MmuINT0171866	chr1	89845172	89846506	-	0.020929
Usp40	MmuINT0171867	chr1	89843283	89845076	-	0.081391
Usp40	MmuINT0171868	chr1	89899098	89900821	-	0.026833
Usp40	MmuINT0171869	chr1	89896480	89898983	-	0.01531
Usp40	MmuINT0171870	chr1	89894535	89896314	-	0.023278
Usp40	MmuINT0171871	chr1	89892430	89894387	-	0.022467
Usp40	MmuINT0171872	chr1	89890878	89892285	-	0.027068
Usp40	MmuINT0171873	chr1	89886733	89890748	-	0.024049
Usp40	MmuINT0171874	chr1	89885568	89886636	-	0.023946
Usp40	MmuINT0171876	chr1	89864174	89864970	-	0.064674
Usp40	MmuINT0171877	chr1	89863846	89864084	-	0.030085
Usp40	MmuINT0171878	chr1	89861918	89863758	-	0.022234
Usp42	MmuINT0171882	chr5	1.44E+08	1.44E+08	-	0.054912
Usp42	MmuINT0171883	chr5	1.44E+08	1.44E+08	-	0.040866
Usp42	MmuINT0171884	chr5	1.44E+08	1.44E+08	-	0.055838
Usp42	MmuINT0171885	chr5	1.44E+08	1.44E+08	-	0.085144
Usp42	MmuINT0171886	chr5	1.44E+08	1.44E+08	-	0.037892
Usp42	MmuINT0171887	chr5	1.44E+08	1.44E+08	-	0.155618
Usp42	MmuINT0171890	chr5	1.44E+08	1.44E+08	-	0.077362
Usp42	MmuINT0171896	chr5	1.44E+08	1.44E+08	-	0.04322
Usp45	MmuINT0171919	chr4	21752225	21753300	+	0.045033
Usp45	MmuINT0171920	chr4	21753399	21757563	+	0.057808
Usp45	MmuINT0171921	chr4	21757651	21759310	+	0.056278
Usp45	MmuINT0171922	chr4	21759465	21761381	+	0.041245
Usp45	MmuINT0171923	chr4	21707598	21708882	+	0.07351
Usp45	MmuINT0171924	chr4	21709056	21710029	+	0.052814
Usp45	MmuINT0171925	chr4	21710134	21711839	+	0.037479
Usp45	MmuINT0171926	chr4	21711941	21723932	+	0.041584
Usp45	MmuINT0171928	chr4	21724538	21725751	+	0.038842
Usp45	MmuINT0171929	chr4	21725883	21731372	+	0.046944
Usp45	MmuINT0171930	chr4	21731461	21737888	+	0.05655
Usp46	MmuINT0171931	chr5	74433139	74464274	-	0.014194
Usp46	MmuINT0171932	chr5	74428543	74433057	-	0.010237
Usp46	MmuINT0171933	chr5	74425396	74428328	-	0.007713
Usp46	MmuINT0171934	chr5	74412762	74425165	-	0.00691
Usp46	MmuINT0171935	chr5	74401932	74412684	-	0.010877
Usp46	MmuINT0171936	chr5	74399377	74401847	-	0.010377
Usp46	MmuINT0171937	chr5	74398788	74399178	-	0.007939
Usp46	MmuINT0171938	chr5	74398162	74398708	-	0.017502

Usp47	MmuINT0171939	chr7	1.19E+08	1.19E+08	+	0.018345
Usp47	MmuINT0171940	chr7	1.19E+08	1.19E+08	+	0.003515
Usp47	MmuINT0171941	chr7	1.19E+08	1.19E+08	+	0.013746
Usp47	MmuINT0171942	chr7	1.19E+08	1.19E+08	+	0.004347
Usp47	MmuINT0171943	chr7	1.19E+08	1.19E+08	+	0.00392
Usp47	MmuINT0171944	chr7	1.19E+08	1.19E+08	+	0.003504
Usp47	MmuINT0171945	chr7	1.19E+08	1.19E+08	+	0.003962
Usp47	MmuINT0171946	chr7	1.19E+08	1.19E+08	+	0.004034
Usp47	MmuINT0171947	chr7	1.19E+08	1.19E+08	+	0.003035
Usp47	MmuINT0171948	chr7	1.19E+08	1.19E+08	+	0.015449
Usp47	MmuINT0171949	chr7	1.19E+08	1.19E+08	+	0.002994
Usp47	MmuINT0171950	chr7	1.19E+08	1.19E+08	+	0.006919
Usp47	MmuINT0171951	chr7	1.19E+08	1.19E+08	+	0.004121
Usp47	MmuINT0171952	chr7	1.19E+08	1.19E+08	+	0.003956
Usp47	MmuINT0171953	chr7	1.19E+08	1.19E+08	+	0.004183
Usp47	MmuINT0171954	chr7	1.19E+08	1.19E+08	+	0.006117
Usp47	MmuINT0171955	chr7	1.19E+08	1.19E+08	+	0.022012
Usp47	MmuINT0171956	chr7	1.19E+08	1.19E+08	+	0.012637
Usp47	MmuINT0171957	chr7	1.19E+08	1.19E+08	+	0.005465
Usp47	MmuINT0171958	chr7	1.19E+08	1.19E+08	+	0.004668
Usp47	MmuINT0171959	chr7	1.19E+08	1.19E+08	+	0.004224
Usp47	MmuINT0171960	chr7	1.19E+08	1.19E+08	+	0.005357
Usp47	MmuINT0171961	chr7	1.19E+08	1.19E+08	+	0.002895
Usp47	MmuINT0171962	chr7	1.19E+08	1.19E+08	+	0.00408
Usp47	MmuINT0171963	chr7	1.19E+08	1.19E+08	+	0.003869
Usp47	MmuINT0171964	chr7	1.19E+08	1.19E+08	+	0.004226
Usp47	MmuINT0171965	chr7	1.19E+08	1.19E+08	+	0.00378
Usp48	MmuINT0171966	chr4	1.37E+08	1.37E+08	+	0.019211
Usp48	MmuINT0171967	chr4	1.37E+08	1.37E+08	+	0.011165
Usp48	MmuINT0171968	chr4	1.37E+08	1.37E+08	+	0.333684
Usp48	MmuINT0171969	chr4	1.37E+08	1.37E+08	+	0.020746
Usp48	MmuINT0171970	chr4	1.37E+08	1.37E+08	+	0.02112
Usp48	MmuINT0171971	chr4	1.37E+08	1.37E+08	+	0.015447
Usp48	MmuINT0171972	chr4	1.37E+08	1.37E+08	+	0.022611
Usp48	MmuINT0171973	chr4	1.37E+08	1.37E+08	+	0.011735
Usp48	MmuINT0171974	chr4	1.37E+08	1.37E+08	+	0.131391
Usp48	MmuINT0171975	chr4	1.37E+08	1.37E+08	+	0.115204
Usp48	MmuINT0171977	chr4	1.37E+08	1.37E+08	+	0.023919
Usp48	MmuINT0171979	chr4	1.37E+08	1.37E+08	+	0.015605
Usp48	MmuINT0171980	chr4	1.37E+08	1.37E+08	+	0.021175
Usp48	MmuINT0171981	chr4	1.37E+08	1.37E+08	+	0.019458
Usp48	MmuINT0171982	chr4	1.37E+08	1.37E+08	+	0.011159
Usp48	MmuINT0171983	chr4	1.37E+08	1.37E+08	+	0.02541
Usp48	MmuINT0171984	chr4	1.37E+08	1.37E+08	+	0.056414
Usp48	MmuINT0171985	chr4	1.37E+08	1.37E+08	+	0.025392
Usp48	MmuINT0171986	chr4	1.37E+08	1.37E+08	+	0.021514
Usp48	MmuINT0171987	chr4	1.37E+08	1.37E+08	+	0.025149
Usp48	MmuINT0171988	chr4	1.37E+08	1.37E+08	+	0.020235
Usp48	MmuINT0171989	chr4	1.37E+08	1.37E+08	+	0.013581
Usp48	MmuINT0171990	chr4	1.37E+08	1.37E+08	+	0.022761

Usp48	MmuINT0171991	chr4	1.37E+08	1.37E+08	+	0.023943
Usp48	MmuINT0171992	chr4	1.37E+08	1.37E+08	+	0.062267
Usp49	MmuINT0171994	chr17	47786973	47808992	+	0.326104
Usp49	MmuINT0171995	chr17	47810368	47811664	+	0.044757
Usp49	MmuINT0171996	chr17	47811870	47815792	+	0.180607
Usp49	MmuINT0171997	chr17	47815902	47816612	+	0.076724
Usp49	MmuINT0171998	chr17	47816819	47817630	+	0.222086
Usp5	MmuINT0171999	chr6	1.25E+08	1.25E+08	-	0.004248
Usp5	MmuINT0172000	chr6	1.25E+08	1.25E+08	-	0.003662
Usp5	MmuINT0172001	chr6	1.25E+08	1.25E+08	-	0.010831
Usp5	MmuINT0172002	chr6	1.25E+08	1.25E+08	-	0.0166
Usp5	MmuINT0172003	chr6	1.25E+08	1.25E+08	-	0.013232
Usp5	MmuINT0172004	chr6	1.25E+08	1.25E+08	-	0.008616
Usp5	MmuINT0172005	chr6	1.25E+08	1.25E+08	-	0.014343
Usp5	MmuINT0172006	chr6	1.25E+08	1.25E+08	-	0.012417
Usp5	MmuINT0172007	chr6	1.25E+08	1.25E+08	-	0.007256
Usp5	MmuINT0172008	chr6	1.25E+08	1.25E+08	-	0.048691
Usp5	MmuINT0172009	chr6	1.25E+08	1.25E+08	-	0.011919
Usp5	MmuINT0172010	chr6	1.25E+08	1.25E+08	-	0.004171
Usp5	MmuINT0172011	chr6	1.25E+08	1.25E+08	-	0.003788
Usp5	MmuINT0172012	chr6	1.25E+08	1.25E+08	-	0.014241
Usp5	MmuINT0172013	chr6	1.25E+08	1.25E+08	-	0.004567
Usp5	MmuINT0172014	chr6	1.25E+08	1.25E+08	-	0.02897
Usp5	MmuINT0172015	chr6	1.25E+08	1.25E+08	-	0.049199
Usp5	MmuINT0172016	chr6	1.25E+08	1.25E+08	-	0.012957
Usp5	MmuINT0172017	chr6	1.25E+08	1.25E+08	-	0.023804
Usp53	MmuINT0172026	chr3	1.23E+08	1.23E+08	-	0.04755
Usp53	MmuINT0172027	chr3	1.23E+08	1.23E+08	-	0.045778
Usp53	MmuINT0172028	chr3	1.23E+08	1.23E+08	-	0.0485
Usp53	MmuINT0172029	chr3	1.23E+08	1.23E+08	-	0.056341
Usp53	MmuINT0172030	chr3	1.23E+08	1.23E+08	-	0.059661
Usp53	MmuINT0172032	chr3	1.23E+08	1.23E+08	-	0.030541
Usp53	MmuINT0172033	chr3	1.23E+08	1.23E+08	-	0.049334
Usp53	MmuINT0172034	chr3	1.23E+08	1.23E+08	-	0.038074
Usp53	MmuINT0172035	chr3	1.23E+08	1.23E+08	-	0.079032
Usp53	MmuINT0172036	chr3	1.23E+08	1.23E+08	-	0.05892
Usp53	MmuINT0172037	chr3	1.23E+08	1.23E+08	-	0.05384
Usp53	MmuINT0172038	chr3	1.23E+08	1.23E+08	-	0.124128
Usp53	MmuINT0172039	chr3	1.23E+08	1.23E+08	-	0.048682
Usp54	MmuINT0172042	chr14	21396535	21396676	-	0.021876
Usp54	MmuINT0172043	chr14	21395927	21396156	-	0.034172
Usp54	MmuINT0172044	chr14	21393124	21395694	-	0.022232
Usp54	MmuINT0172045	chr14	21385285	21389469	-	0.126517
Usp54	MmuINT0172048	chr14	21375588	21380067	-	0.014981
Usp54	MmuINT0172049	chr14	21371483	21375468	-	0.024577
Usp54	MmuINT0172051	chr14	21369683	21371295	-	0.033434
Usp54	MmuINT0172052	chr14	21410836	21423273	-	0.025349
Usp54	MmuINT0172053	chr14	21408710	21410700	-	0.026005
Usp54	MmuINT0172054	chr14	21408489	21408595	-	0.03561
Usp54	MmuINT0172055	chr14	21407661	21408405	-	0.028998

Usp54	MmuINT0172056	chr14	21407444	21407554	-	0.023093
Usp54	MmuINT0172057	chr14	21405372	21407296	-	0.058614
Usp54	MmuINT0172058	chr14	21402713	21405221	-	0.020025
Usp6nl	MmuINT0172062	chr2	6348664	6348757	+	0.053452
Usp6nl	MmuINT0172063	chr2	6348858	6351471	+	0.095478
Usp6nl	MmuINT0172064	chr2	6351625	6361406	+	0.053806
Usp6nl	MmuINT0172069	chr2	6330056	6335978	+	0.054957
Usp6nl	MmuINT0172070	chr2	6336087	6341948	+	0.064148
Usp6nl	MmuINT0172072	chr2	6344517	6345317	+	0.054604
Usp7	MmuINT0172074	chr16	8716713	8738296	-	0.015137
Usp7	MmuINT0172075	chr16	8703640	8705020	-	0.019606
Usp7	MmuINT0172076	chr16	8702165	8703556	-	0.007903
Usp7	MmuINT0172078	chr16	8699381	8700138	-	0.010602
Usp7	MmuINT0172079	chr16	8698944	8699235	-	0.011281
Usp7	MmuINT0172080	chr16	8698680	8698812	-	0.006858
Usp7	MmuINT0172081	chr16	8698088	8698544	-	0.024935
Usp7	MmuINT0172082	chr16	8697789	8697985	-	0.059447
Usp7	MmuINT0172083	chr16	8697013	8697682	-	0.029617
Usp7	MmuINT0172084	chr16	8696838	8696919	-	0.064031
Usp7	MmuINT0172085	chr16	8712286	8716607	-	0.015166
Usp7	MmuINT0172086	chr16	8696010	8696769	-	0.114034
Usp7	MmuINT0172087	chr16	8695278	8695908	-	0.04539
Usp7	MmuINT0172088	chr16	8694574	8695123	-	0.025749
Usp7	MmuINT0172089	chr16	8694072	8694505	-	0.00664
Usp7	MmuINT0172090	chr16	8693873	8693962	-	0.003428
Usp7	MmuINT0172091	chr16	8693212	8693794	-	0.036262
Usp7	MmuINT0172092	chr16	8692573	8693110	-	0.027017
Usp7	MmuINT0172093	chr16	8691769	8692472	-	0.013314
Usp7	MmuINT0172094	chr16	8691520	8691648	-	0.013833
Usp7	MmuINT0172095	chr16	8691330	8691447	-	0.002676
Usp7	MmuINT0172096	chr16	8710271	8712086	-	0.00972
Usp7	MmuINT0172098	chr16	8709041	8710131	-	0.009544
Usp7	MmuINT0172099	chr16	8707840	8708951	-	0.008695
Usp7	MmuINT0172100	chr16	8706823	8707730	-	0.009936
Usp7	MmuINT0172101	chr16	8706234	8706691	-	0.012009
Usp7	MmuINT0172102	chr16	8705278	8706178	-	0.13879
Usp7	MmuINT0172103	chr16	8705112	8705196	-	0.013958
Usp8	MmuINT0172104	chr2	1.27E+08	1.27E+08	+	0.009016
Usp8	MmuINT0172105	chr2	1.27E+08	1.27E+08	+	0.011413
Usp8	MmuINT0172106	chr2	1.27E+08	1.27E+08	+	0.006789
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Usp8	MmuINT0172109	chr2	1.27E+08	1.27E+08	+	0.010014
Usp8	MmuINT0172110	chr2	1.27E+08	1.27E+08	+	0.025183
Usp8	MmuINT0172111	chr2	1.27E+08	1.27E+08	+	0.012384
Usp8	MmuINT0172112	chr2	1.27E+08	1.27E+08	+	0.009503
Usp8	MmuINT0172113	chr2	1.27E+08	1.27E+08	+	0.043736
Usp8	MmuINT0172114	chr2	1.27E+08	1.27E+08	+	0.027671
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Usp8	MmuINT0172117	chr2	1.27E+08	1.27E+08	+	0.012258
Usp8	MmuINT0172118	chr2	1.27E+08	1.27E+08	+	0.039421
Usp8	MmuINT0172119	chr2	1.27E+08	1.27E+08	+	0.008013
Usp8	MmuINT0172120	chr2	1.27E+08	1.27E+08	+	0.009277
Usp8	MmuINT0172121	chr2	1.27E+08	1.27E+08	+	0.018411
Usp9x	MmuINT0172123	chrX	12687355	12688217	+	0.009382
Usp9x	MmuINT0172124	chrX	12688323	12690685	+	0.009513
Usp9x	MmuINT0172125	chrX	12690893	12691633	+	0.010907
Usp9x	MmuINT0172126	chrX	12691771	12693749	+	0.34477
Usp9x	MmuINT0172127	chrX	12693884	12698558	+	0.006504
Usp9x	MmuINT0172128	chrX	12698647	12700293	+	0.007842
Usp9x	MmuINT0172129	chrX	12700637	12701693	+	0.005261
Usp9x	MmuINT0172133	chrX	12671304	12675575	+	0.009222
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Usp9x	MmuINT0172135	chrX	12707473	12708852	+	0.00895
Usp9x	MmuINT0172136	chrX	12708984	12709195	+	0.007709
Usp9x	MmuINT0172137	chrX	12709475	12712069	+	0.005977
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Usp9x	MmuINT0172139	chrX	12713697	12714733	+	0.006536
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Usp9x	MmuINT0172147	chrX	12725262	12728395	+	0.005299
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Usp9x	MmuINT0172150	chrX	12733874	12734794	+	0.00485
Usp9x	MmuINT0172151	chrX	12734919	12735844	+	0.003882
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Uspl1	MmuINT0172214	chr5	1.5E+08	1.5E+08	+	0.059177
Uspl1	MmuINT0172215	chr5	1.5E+08	1.5E+08	+	0.068367
Uspl1	MmuINT0172216	chr5	1.5E+08	1.5E+08	+	0.030162
Uspl1	MmuINT0172217	chr5	1.5E+08	1.5E+08	+	0.022543
Uspl1	MmuINT0172218	chr5	1.5E+08	1.5E+08	+	0.01984
Uspl1	MmuINT0172219	chr5	1.5E+08	1.5E+08	+	0.027652
Uspl1	MmuINT0172220	chr5	1.5E+08	1.5E+08	+	0.642018

Utp11l	MmuINT0172231	chr4	1.24E+08	1.24E+08	-	0.009512
Utp11l	MmuINT0172232	chr4	1.24E+08	1.24E+08	-	0.00928
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Utp14a	MmuINT0172238	chrX	45610146	45611516	+	0.014918
Utp14a	MmuINT0172239	chrX	45627154	45627977	+	0.022398
Utp14a	MmuINT0172240	chrX	45628366	45630398	+	0.021113
Utp14a	MmuINT0172242	chrX	45631738	45631844	+	0.020582
Utp14a	MmuINT0172243	chrX	45631945	45635238	+	0.021843
Utp14a	MmuINT0172244	chrX	45611593	45612899	+	0.021055
Utp14a	MmuINT0172245	chrX	45612971	45613762	+	0.028721
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Utp15	MmuINT0172255	chr13	99030926	99032829	-	0.057579
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Utp15	MmuINT0172265	chr13	99022850	99023598	-	0.232825
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Utp18	MmuINT0172273	chr11	93741448	93743388	-	0.02161
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Utp6	MmuINT0172352	chr11	79749612	79751174	-	0.010819
Utp6	MmuINT0172353	chr11	79772653	79774248	-	0.013727

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Utrn	MmuINT0172398	chr10	12372659	12374496	-	0.010499
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Utrn	MmuINT0172405	chr10	12467886	12469828	-	0.018224
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Utrn	MmuINT0172409	chr10	12206453	12221175	-	0.007831
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Utrn	MmuINT0172412	chr10	12195130	12198210	-	0.022198
Utrn	MmuINT0172413	chr10	12185041	12195068	-	0.020368
Utrn	MmuINT0172414	chr10	12183159	12184978	-	0.017177
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Utrn	MmuINT0172418	chr10	12161892	12167804	-	0.014442
Utrn	MmuINT0172419	chr10	12159592	12161733	-	0.010069
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Utrn	MmuINT0172421	chr10	12141532	12156078	-	0.011912
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Utrn	MmuINT0172428	chr10	12122790	12125651	-	0.009077
Utrn	MmuINT0172429	chr10	12121202	12122680	-	0.008082
Utrn	MmuINT0172430	chr10	12105339	12121108	-	0.01623
Utrn	MmuINT0172431	chr10	12103995	12105315	-	0.010893
Utrn	MmuINT0172432	chr10	12459369	12463842	-	0.022467
Utrn	MmuINT0172433	chr10	12458065	12459164	-	0.018055
Uty	MmuINT0172442	chrY	507446	511170	-	0.018871
Uty	MmuINT0172443	chrY	506628	507346	-	0.009412
Uty	MmuINT0172445	chrY	504629	505565	-	0.027247
Uty	MmuINT0172446	chrY	495078	504532	-	0.042099
Uty	MmuINT0172447	chrY	490728	494349	-	0.015382
Uty	MmuINT0172448	chrY	489318	490597	-	0.017893
Uty	MmuINT0172449	chrY	488597	489211	-	0.01412
Uty	MmuINT0172450	chrY	474315	488390	-	0.02658
Uty	MmuINT0172451	chrY	474176	474249	-	0.03457
Uty	MmuINT0172453	chrY	473440	474100	-	0.055337
Uty	MmuINT0172454	chrY	471430	473290	-	0.044263
Uty	MmuINT0172455	chrY	467667	471314	-	0.016553
Uty	MmuINT0172456	chrY	466455	467478	-	0.013638
Uty	MmuINT0172457	chrY	439335	466312	-	0.015433
Uty	MmuINT0172458	chrY	436196	439207	-	0.014006
Uty	MmuINT0172459	chrY	435017	436024	-	0.01333
Uty	MmuINT0172461	chrY	535957	560939	-	0.03587
Uty	MmuINT0172462	chrY	533770	535897	-	0.063019
Uty	MmuINT0172463	chrY	525834	533648	-	0.034633
Uty	MmuINT0172464	chrY	523252	525778	-	0.034207
Uty	MmuINT0172465	chrY	513028	523216	-	0.035304
Uty	MmuINT0172466	chrY	511298	512933	-	0.019913
Uvrag	MmuINT0172467	chr7	1.06E+08	1.06E+08	-	0.045239
Uvrag	MmuINT0172468	chr7	1.06E+08	1.06E+08	-	0.023604

Uvrag	MmuINT0172469	chr7	1.06E+08	1.06E+08	-	0.016513
Uvrag	MmuINT0172470	chr7	1.06E+08	1.06E+08	-	0.015726
Uvrag	MmuINT0172471	chr7	1.06E+08	1.06E+08	-	0.016318
Uvrag	MmuINT0172472	chr7	1.06E+08	1.06E+08	-	0.014915
Uvrag	MmuINT0172473	chr7	1.06E+08	1.06E+08	-	0.025574
Uvrag	MmuINT0172474	chr7	1.06E+08	1.06E+08	-	0.022653
Uvrag	MmuINT0172475	chr7	1.06E+08	1.06E+08	-	0.023677
Uvrag	MmuINT0172476	chr7	1.06E+08	1.06E+08	-	0.024603
Uvrag	MmuINT0172477	chr7	1.06E+08	1.06E+08	-	0.021979
Uvrag	MmuINT0172478	chr7	1.06E+08	1.06E+08	-	0.014436
Uvrag	MmuINT0172479	chr7	1.06E+08	1.06E+08	-	0.020576
Uvrag	MmuINT0172480	chr7	1.06E+08	1.06E+08	-	0.040575
Uxs1	MmuINT0172481	chr1	43864223	43884459	-	0.017741
Uxs1	MmuINT0172482	chr1	43817410	43821734	-	0.019662
Uxs1	MmuINT0172483	chr1	43813878	43817365	-	0.046033
Uxs1	MmuINT0172484	chr1	43812602	43813816	-	0.035341
Uxs1	MmuINT0172485	chr1	43810666	43812543	-	0.032786
Uxs1	MmuINT0172486	chr1	43807208	43810561	-	0.018894
Uxs1	MmuINT0172487	chr1	43862520	43864194	-	0.043689
Uxs1	MmuINT0172493	chr1	43828648	43831661	-	0.037732
Uxs1	MmuINT0172494	chr1	43821855	43828525	-	0.015592
Vac14	MmuINT0172500	chr8	1.13E+08	1.13E+08	+	0.01881
Vac14	MmuINT0172501	chr8	1.13E+08	1.13E+08	+	0.017876
Vac14	MmuINT0172502	chr8	1.13E+08	1.13E+08	+	0.020556
Vac14	MmuINT0172503	chr8	1.13E+08	1.13E+08	+	0.035051
Vac14	MmuINT0172504	chr8	1.13E+08	1.13E+08	+	0.0149
Vac14	MmuINT0172505	chr8	1.13E+08	1.13E+08	+	0.019448
Vac14	MmuINT0172506	chr8	1.13E+08	1.13E+08	+	0.05434
Vac14	MmuINT0172507	chr8	1.13E+08	1.13E+08	+	0.022093
Vac14	MmuINT0172508	chr8	1.13E+08	1.13E+08	+	0.034821
Vac14	MmuINT0172509	chr8	1.13E+08	1.13E+08	+	0.070147
Vac14	MmuINT0172510	chr8	1.13E+08	1.13E+08	+	0.017789
Vac14	MmuINT0172511	chr8	1.13E+08	1.13E+08	+	0.021498
Vac14	MmuINT0172512	chr8	1.13E+08	1.13E+08	+	0.01674
Vac14	MmuINT0172513	chr8	1.13E+08	1.13E+08	+	0.015729
Vac14	MmuINT0172514	chr8	1.13E+08	1.13E+08	+	0.019669
Vac14	MmuINT0172515	chr8	1.13E+08	1.13E+08	+	0.02614
Vac14	MmuINT0172516	chr8	1.13E+08	1.13E+08	+	0.016206
Vac14	MmuINT0172517	chr8	1.13E+08	1.13E+08	+	0.024462
Vamp1	MmuINT0172518	chr6	1.25E+08	1.25E+08	+	0.022506
Vamp1	MmuINT0172519	chr6	1.25E+08	1.25E+08	+	0.028787
Vamp1	MmuINT0172520	chr6	1.25E+08	1.25E+08	+	0.554202
Vamp2	MmuINT0172521	chr11	68902130	68902607	+	0.008042
Vamp2	MmuINT0172522	chr11	68902729	68903232	+	0.042007
Vamp2	MmuINT0172523	chr11	68903392	68903477	+	0.004574
Vamp2	MmuINT0172524	chr11	68903530	68904151	+	0.153361
Vamp3	MmuINT0172525	chr4	1.5E+08	1.5E+08	-	0.016015
Vamp3	MmuINT0172526	chr4	1.5E+08	1.5E+08	-	0.022415
Vamp3	MmuINT0172527	chr4	1.5E+08	1.5E+08	-	0.006061
Vamp3	MmuINT0172528	chr4	1.5E+08	1.5E+08	-	0.044036

Vamp4	MmuINT0172530	chr1	1.65E+08	1.65E+08	+	0.013035
Vamp4	MmuINT0172531	chr1	1.65E+08	1.65E+08	+	0.025821
Vamp4	MmuINT0172532	chr1	1.65E+08	1.65E+08	+	0.013464
Vamp4	MmuINT0172533	chr1	1.65E+08	1.65E+08	+	0.016752
Vamp4	MmuINT0172534	chr1	1.65E+08	1.65E+08	+	0.018576
Vamp5	MmuINT0172537	chr6	72320326	72330374	-	0.029203
Vamp8	MmuINT0172538	chr6	72338415	72340467	-	0.024739
Vamp8	MmuINT0172539	chr6	72335648	72338255	-	0.00692
Vangl1	MmuINT0172542	chr3	1.02E+08	1.02E+08	-	0.022422
Vangl1	MmuINT0172545	chr3	1.02E+08	1.02E+08	-	0.285189
Vangl1	MmuINT0172547	chr3	1.02E+08	1.02E+08	-	0.066944
Vapa	MmuINT0172555	chr17	65944395	65962559	-	0.002464
Vapa	MmuINT0172556	chr17	65942884	65944241	-	0.0039
Vapa	MmuINT0172557	chr17	65941712	65942779	-	0.005949
Vapa	MmuINT0172558	chr17	65932094	65941630	-	0.005939
Vapa	MmuINT0172559	chr17	65930188	65931919	-	0.003371
Vapb	MmuINT0172560	chr2	1.74E+08	1.74E+08	+	0.001797
Vapb	MmuINT0172561	chr2	1.74E+08	1.74E+08	+	0.003637
Vapb	MmuINT0172562	chr2	1.74E+08	1.74E+08	+	0.005839
Vapb	MmuINT0172563	chr2	1.74E+08	1.74E+08	+	0.002092
Vapb	MmuINT0172564	chr2	1.74E+08	1.74E+08	+	0.002607
Vars	MmuINT0172565	chr17	35138178	35138356	+	0.182285
Vars	MmuINT0172566	chr17	35147865	35148149	+	0.047151
Vars	MmuINT0172567	chr17	35148270	35148351	+	0.024573
Vars	MmuINT0172568	chr17	35148461	35148544	+	0.024176
Vars	MmuINT0172569	chr17	35148640	35148752	+	0.017385
Vars	MmuINT0172570	chr17	35148844	35149033	+	0.023706
Vars	MmuINT0172571	chr17	35149159	35149241	+	0.017627
Vars	MmuINT0172572	chr17	35149346	35149434	+	0.009835
Vars	MmuINT0172573	chr17	35149594	35149674	+	0.027935
Vars	MmuINT0172574	chr17	35149766	35149874	+	0.060445
Vars	MmuINT0172575	chr17	35149981	35150066	+	0.014641
Vars	MmuINT0172576	chr17	35138776	35141149	+	0.027177
Vars	MmuINT0172577	chr17	35150138	35150209	+	0.010457
Vars	MmuINT0172578	chr17	35150336	35150587	+	0.01113
Vars	MmuINT0172579	chr17	35150693	35150772	+	0.013974
Vars	MmuINT0172580	chr17	35150842	35150970	+	0.012214
Vars	MmuINT0172581	chr17	35151050	35151178	+	0.022434
Vars	MmuINT0172582	chr17	35151307	35151566	+	0.020297
Vars	MmuINT0172583	chr17	35151723	35151881	+	0.010016
Vars	MmuINT0172584	chr17	35152089	35152309	+	0.012562
Vars	MmuINT0172585	chr17	35152422	35152538	+	0.048201
Vars	MmuINT0172586	chr17	35152865	35153131	+	0.002726
Vars	MmuINT0172587	chr17	35141285	35141381	+	0.012405
Vars	MmuINT0172588	chr17	35141521	35141716	+	0.006965
Vars	MmuINT0172589	chr17	35141839	35141921	+	0.037844
Vars	MmuINT0172590	chr17	35142007	35142194	+	0.040671
Vars	MmuINT0172591	chr17	35142296	35142419	+	0.0179
Vars	MmuINT0172592	chr17	35142548	35147450	+	0.02796
Vars	MmuINT0172593	chr17	35147616	35147782	+	0.014553

Vars2	MmuINT0172594	chr17	35803871	35804017	-	0.016728
Vars2	MmuINT0172595	chr17	35800040	35800406	-	0.021861
Vars2	MmuINT0172596	chr17	35799176	35799948	-	0.016403
Vars2	MmuINT0172597	chr17	35798951	35799047	-	0.016842
Vars2	MmuINT0172598	chr17	35798602	35798846	-	0.015095
Vars2	MmuINT0172600	chr17	35797745	35797820	-	0.009923
Vars2	MmuINT0172601	chr17	35797455	35797668	-	0.00985
Vars2	MmuINT0172602	chr17	35797230	35797348	-	0.027155
Vars2	MmuINT0172603	chr17	35797073	35797158	-	0.05734
Vars2	MmuINT0172604	chr17	35796850	35796946	-	0.012289
Vars2	MmuINT0172605	chr17	35803701	35803788	-	0.014417
Vars2	MmuINT0172606	chr17	35796666	35796744	-	0.017634
Vars2	MmuINT0172607	chr17	35796499	35796596	-	0.024769
Vars2	MmuINT0172608	chr17	35796335	35796419	-	0.044199
Vars2	MmuINT0172609	chr17	35796125	35796206	-	0.031673
Vars2	MmuINT0172610	chr17	35795284	35795971	-	0.09098
Vars2	MmuINT0172611	chr17	35794264	35795076	-	0.097054
Vars2	MmuINT0172612	chr17	35794071	35794151	-	0.01337
Vars2	MmuINT0172613	chr17	35793804	35793894	-	0.010375
Vars2	MmuINT0172614	chr17	35793598	35793680	-	0.011095
Vars2	MmuINT0172615	chr17	35803198	35803599	-	0.013879
Vars2	MmuINT0172616	chr17	35802985	35803075	-	0.054409
Vars2	MmuINT0172617	chr17	35802829	35802917	-	0.011323
Vars2	MmuINT0172618	chr17	35801798	35802730	-	0.014873
Vars2	MmuINT0172619	chr17	35801561	35801715	-	0.031286
Vars2	MmuINT0172620	chr17	35801128	35801440	-	0.018762
Vars2	MmuINT0172621	chr17	35800496	35801015	-	0.017227
Vash1	MmuINT0172622	chr12	88021277	88026333	+	0.024309
Vash1	MmuINT0172623	chr12	88026423	88027915	+	0.019941
Vash1	MmuINT0172624	chr12	88027973	88029161	+	0.032423
Vash1	MmuINT0172625	chr12	88029237	88029851	+	0.029297
Vash1	MmuINT0172626	chr12	88030234	88031807	+	0.02736
Vash1	MmuINT0172627	chr12	88031921	88032785	+	0.011774
Vasn	MmuINT0172636	chr16	4640149	4648181	+	0.186754
Vasp	MmuINT0172637	chr7	19850175	19856862	-	0.011209
Vasp	MmuINT0172638	chr7	19844243	19844322	-	0.04744
Vasp	MmuINT0172639	chr7	19843269	19844151	-	0.085316
Vasp	MmuINT0172640	chr7	19843104	19843210	-	0.005628
Vasp	MmuINT0172641	chr7	19849920	19850002	-	0.004083
Vasp	MmuINT0172642	chr7	19847409	19849753	-	0.020941
Vasp	MmuINT0172643	chr7	19846563	19847323	-	0.022519
Vasp	MmuINT0172644	chr7	19846415	19846524	-	0.04312
Vasp	MmuINT0172645	chr7	19846031	19846172	-	0.085958
Vasp	MmuINT0172646	chr7	19844817	19845929	-	0.097154
Vasp	MmuINT0172647	chr7	19844615	19844764	-	0.104531
Vasp	MmuINT0172648	chr7	19844369	19844580	-	0.068782
Vat1	MmuINT0172649	chr11	1.01E+08	1.01E+08	-	0.025722
Vat1	MmuINT0172650	chr11	1.01E+08	1.01E+08	-	0.009604
Vat1	MmuINT0172651	chr11	1.01E+08	1.01E+08	-	0.018723
Vat1	MmuINT0172652	chr11	1.01E+08	1.01E+08	-	0.069021



Vat1	MmuINT0172653	chr11	1.01E+08	1.01E+08	-	0.073736
Vav2	MmuINT0172690	chr2	27146939	27147328	-	0.024054
Vav2	MmuINT0172691	chr2	27144213	27146869	-	0.0267
Vav2	MmuINT0172692	chr2	27142045	27144125	-	0.026577
Vav2	MmuINT0172693	chr2	27141286	27141958	-	0.017843
Vav2	MmuINT0172694	chr2	27138939	27141152	-	0.081309
Vav2	MmuINT0172695	chr2	27137911	27138828	-	0.016307
Vav2	MmuINT0172696	chr2	27137510	27137808	-	0.019411
Vav2	MmuINT0172697	chr2	27134728	27137420	-	0.036124
Vav2	MmuINT0172699	chr2	27132864	27134116	-	0.039016
Vav2	MmuINT0172700	chr2	27192259	27242009	-	0.021642
Vav2	MmuINT0172701	chr2	27130595	27132735	-	0.028852
Vav2	MmuINT0172702	chr2	27129261	27130519	-	0.029992
Vav2	MmuINT0172703	chr2	27127412	27129207	-	0.040357
Vav2	MmuINT0172705	chr2	27124543	27125647	-	0.0606
Vav2	MmuINT0172707	chr2	27122905	27123670	-	0.063532
Vav2	MmuINT0172708	chr2	27119732	27122749	-	0.01624
Vav2	MmuINT0172709	chr2	27174517	27192199	-	0.025246
Vav2	MmuINT0172710	chr2	27157631	27174447	-	0.022766
Vav2	MmuINT0172711	chr2	27154993	27157527	-	0.024842
Vav2	MmuINT0172712	chr2	27153257	27154893	-	0.028955
Vav2	MmuINT0172713	chr2	27151744	27153187	-	0.034059
Vav2	MmuINT0172714	chr2	27148290	27151642	-	0.029516
Vav2	MmuINT0172715	chr2	27147425	27148189	-	0.024436
Vav3	MmuINT0172731	chr3	1.09E+08	1.09E+08	+	0.04278
Vav3	MmuINT0172732	chr3	1.09E+08	1.09E+08	+	0.05698
Vav3	MmuINT0172733	chr3	1.09E+08	1.09E+08	+	0.055671
Vbp1	MmuINT0172750	chrX	72759768	72762427	+	0.003416
Vbp1	MmuINT0172751	chrX	72762553	72766701	+	0.007896
Vbp1	MmuINT0172752	chrX	72766769	72768598	+	0.016362
Vbp1	MmuINT0172753	chrX	72768698	72776423	+	0.007635
Vbp1	MmuINT0172754	chrX	72776563	72779246	+	0.003223
Vcam1	MmuINT0172755	chr3	1.16E+08	1.16E+08	-	0.041411
Vcam1	MmuINT0172756	chr3	1.16E+08	1.16E+08	-	0.032959
Vcam1	MmuINT0172757	chr3	1.16E+08	1.16E+08	-	0.035404
Vcam1	MmuINT0172758	chr3	1.16E+08	1.16E+08	-	0.046692
Vcam1	MmuINT0172759	chr3	1.16E+08	1.16E+08	-	0.05227
Vcam1	MmuINT0172760	chr3	1.16E+08	1.16E+08	-	0.039457
Vcam1	MmuINT0172761	chr3	1.16E+08	1.16E+08	-	0.032389
Vcam1	MmuINT0172762	chr3	1.16E+08	1.16E+08	-	0.035487
Vcan	MmuINT0172765	chr13	89817763	89819404	-	0.054305
Vcan	MmuINT0172766	chr13	89801667	89817679	-	0.047603
Vcan	MmuINT0172767	chr13	89797291	89801521	-	0.066073
Vcan	MmuINT0172768	chr13	89796964	89797107	-	0.332555
Vcan	MmuINT0172769	chr13	89824798	89827889	-	0.075429
Vcan	MmuINT0172773	chr13	89865269	89871063	-	0.065952
Vcl	MmuINT0172776	chr14	21748911	21786759	+	0.005293
Vcl	MmuINT0172777	chr14	21822493	21826335	+	0.002572
Vcl	MmuINT0172778	chr14	21826527	21828082	+	0.002507
Vcl	MmuINT0172779	chr14	21828283	21829259	+	0.004258

Vcl	MmuINT0172780	chr14	21829389	21834132	+	0.002571
Vcl	MmuINT0172781	chr14	21834283	21838501	+	0.002987
Vcl	MmuINT0172782	chr14	21838611	21839700	+	0.003247
Vcl	MmuINT0172783	chr14	21840004	21841224	+	0.075185
Vcl	MmuINT0172784	chr14	21841350	21843327	+	0.003593
Vcl	MmuINT0172785	chr14	21843514	21848397	+	0.074041
Vcl	MmuINT0172786	chr14	21848602	21849003	+	0.007375
Vcl	MmuINT0172787	chr14	21786831	21801795	+	0.005005
Vcl	MmuINT0172788	chr14	21849109	21850808	+	0.010542
Vcl	MmuINT0172789	chr14	21801947	21802589	+	0.003314
Vcl	MmuINT0172790	chr14	21802699	21804848	+	0.003418
Vcl	MmuINT0172791	chr14	21804972	21806179	+	0.002894
Vcl	MmuINT0172792	chr14	21806341	21814233	+	0.006853
Vcl	MmuINT0172793	chr14	21814325	21815066	+	0.005498
Vcl	MmuINT0172794	chr14	21815215	21820352	+	0.003734
Vcl	MmuINT0172795	chr14	21820507	21822316	+	0.002386
Vcp	MmuINT0172800	chr4	42996022	42996235	-	0.000529
Vcpip1	MmuINT0172812	chr1	9727134	9735530	-	0.026847
Vcpip1	MmuINT0172813	chr1	9715432	9727046	-	0.043809
Vdac1	MmuINT0172814	chr11	52174655	52187800	+	0.000693
Vdac1	MmuINT0172815	chr11	52187871	52188419	+	0.000349
Vdac1	MmuINT0172816	chr11	52188470	52189892	+	0.000273
Vdac1	MmuINT0172817	chr11	52190046	52190149	+	0.00009
Vdac1	MmuINT0172818	chr11	52190203	52197351	+	0.000821
Vdac1	MmuINT0172819	chr11	52197580	52199084	+	0.000146
Vdac1	MmuINT0172820	chr11	52199236	52200917	+	0.003877
Vdac2	MmuINT0172822	chr14	22650890	22651072	+	0.002776
Vdac2	MmuINT0172823	chr14	22651132	22652105	+	0.000859
Vdac2	MmuINT0172824	chr14	22652175	22653022	+	0.000243
Vdac2	MmuINT0172825	chr14	22653073	22656965	+	0.002052
Vdac2	MmuINT0172826	chr14	22657119	22657212	+	0.001315
Vegfa	MmuINT0172851	chr17	46158072	46161013	-	0.292967
Vegfa	MmuINT0172852	chr17	46155829	46157939	-	0.022573
Vegfa	MmuINT0172853	chr17	46165349	46168239	-	0.008862
Vegfa	MmuINT0172854	chr17	46162493	46165299	-	0.004729
Vegfb	MmuINT0172855	chr19	7061307	7061841	-	0.006924
Vegfb	MmuINT0172856	chr19	7060977	7061263	-	0.005579
Vegfb	MmuINT0172857	chr19	7060585	7060779	-	0.012694
Vegfb	MmuINT0172858	chr19	7060331	7060510	-	0.012583
Vegfb	MmuINT0172859	chr19	7057358	7059850	-	0.001672
Vegfc	MmuINT0172863	chr8	55244838	55254378	+	0.053012
Vegfc	MmuINT0172864	chr8	55254531	55266055	+	0.058384
Vegfc	MmuINT0172865	chr8	55266163	55266440	+	0.035554
Vegfc	MmuINT0172866	chr8	55266775	55271307	+	0.021353
Vezf1	MmuINT0172881	chr11	87881936	87886558	+	0.014173
Vezf1	MmuINT0172882	chr11	87887254	87888163	+	0.016775
Vezf1	MmuINT0172883	chr11	87888228	87889692	+	0.042385
Vezf1	MmuINT0172884	chr11	87889877	87891904	+	0.008543
Vezf1	MmuINT0172885	chr11	87892058	87894899	+	0.106623
Vezt	MmuINT0172886	chr10	93469840	93498414	-	0.009102

Vezt	MmuINT0172887	chr10	93436788	93437189	-	0.005279
Vezt	MmuINT0172889	chr10	93466828	93469704	-	0.008046
Vezt	MmuINT0172890	chr10	93463269	93466737	-	0.058317
Vezt	MmuINT0172891	chr10	93459859	93463095	-	0.008329
Vezt	MmuINT0172892	chr10	93456400	93459582	-	0.241079
Vezt	MmuINT0172893	chr10	93453033	93456261	-	0.008563
Vezt	MmuINT0172894	chr10	93447239	93452884	-	0.01929
Vezt	MmuINT0172895	chr10	93443253	93446906	-	0.008317
Vezt	MmuINT0172896	chr10	93437291	93443058	-	0.008825
Vgll4	MmuINT0172910	chr6	1.15E+08	1.15E+08	-	0.026623
Vgll4	MmuINT0172911	chr6	1.15E+08	1.15E+08	-	0.013219
Vgll4	MmuINT0172912	chr6	1.15E+08	1.15E+08	-	0.045351
Vgll4	MmuINT0172913	chr6	1.15E+08	1.15E+08	-	0.02784
Vhl	MmuINT0172914	chr6	1.14E+08	1.14E+08	+	0.053943
Vhl	MmuINT0172915	chr6	1.14E+08	1.14E+08	+	0.039352
Vim	MmuINT0172955	chr2	13496622	13497167	+	0.003818
Vim	MmuINT0172956	chr2	13497229	13500039	+	0.010402
Vim	MmuINT0172957	chr2	13500136	13500215	+	0.013876
Vim	MmuINT0172958	chr2	13500378	13501047	+	0.007743
Vim	MmuINT0172959	chr2	13501174	13501644	+	0.005461
Vim	MmuINT0172960	chr2	13501866	13502266	+	0.010577
Vim	MmuINT0172961	chr2	13502311	13503239	+	0.005197
Vim	MmuINT0172962	chr2	13503326	13504099	+	0.022694
Vipar	MmuINT0172969	chr12	88604948	88607101	-	0.012889
Vipar	MmuINT0172970	chr12	88591455	88592665	-	0.014014
Vipar	MmuINT0172971	chr12	88590412	88591426	-	0.013743
Vipar	MmuINT0172972	chr12	88587845	88590337	-	0.037406
Vipar	MmuINT0172973	chr12	88587214	88587768	-	0.013188
Vipar	MmuINT0172974	chr12	88585832	88587078	-	0.043395
Vipar	MmuINT0172975	chr12	88585495	88585789	-	0.074243
Vipar	MmuINT0172976	chr12	88583523	88585404	-	0.03713
Vipar	MmuINT0172977	chr12	88582977	88583435	-	0.03504
Vipar	MmuINT0172978	chr12	88582292	88582886	-	0.009128
Vipar	MmuINT0172979	chr12	88580787	88582186	-	0.026479
Vipar	MmuINT0172980	chr12	88601685	88604854	-	0.008516
Vipar	MmuINT0172981	chr12	88600172	88601581	-	0.008764
Vipar	MmuINT0172982	chr12	88598404	88600030	-	0.020159
Vipar	MmuINT0172983	chr12	88597500	88598364	-	0.012724
Vipar	MmuINT0172984	chr12	88595237	88597434	-	0.037245
Vipar	MmuINT0172985	chr12	88594209	88595179	-	0.032148
Vipar	MmuINT0172986	chr12	88593619	88594115	-	0.022343
Vipar	MmuINT0172987	chr12	88592769	88593584	-	0.028043
Vkorc1	MmuINT0173028	chr7	1.35E+08	1.35E+08	-	0.009628
Vkorc1	MmuINT0173029	chr7	1.35E+08	1.35E+08	-	0.017147
Vldlr	MmuINT0173034	chr19	27292187	27304685	+	0.003474
Vldlr	MmuINT0173035	chr19	27315128	27315724	+	0.005886
Vldlr	MmuINT0173036	chr19	27315944	27317554	+	0.007554
Vldlr	MmuINT0173037	chr19	27317674	27318247	+	0.00182
Vldlr	MmuINT0173038	chr19	27318388	27318688	+	0.002736
Vldlr	MmuINT0173039	chr19	27318831	27320024	+	0.002842

Vldlr	MmuINT0173040	chr19	27320172	27321082	+	0.009675
Vldlr	MmuINT0173041	chr19	27321167	27321499	+	0.012909
Vldlr	MmuINT0173042	chr19	27321581	27322346	+	0.002544
Vldlr	MmuINT0173043	chr19	27322517	27323594	+	0.015663
Vldlr	MmuINT0173044	chr19	27304806	27309279	+	0.00363
Vldlr	MmuINT0173045	chr19	27309403	27310729	+	0.016435
Vldlr	MmuINT0173046	chr19	27310853	27312542	+	0.007182
Vldlr	MmuINT0173047	chr19	27312915	27312999	+	0.006113
Vldlr	MmuINT0173048	chr19	27313123	27313213	+	0.003884
Vldlr	MmuINT0173049	chr19	27313337	27314111	+	0.004715
Vldlr	MmuINT0173050	chr19	27314232	27314334	+	0.009566
Vldlr	MmuINT0173051	chr19	27314461	27314955	+	0.007783
Vopp1	MmuINT0173529	chr6	57740030	57774920	-	0.023592
Vopp1	MmuINT0173530	chr6	57724783	57739970	-	0.035906
Vopp1	MmuINT0173531	chr6	57712566	57724704	-	0.021363
Vopp1	MmuINT0173532	chr6	57704671	57712428	-	0.011253
Vprbp	MmuINT0173533	chr9	1.07E+08	1.07E+08	+	0.046142
Vprbp	MmuINT0173534	chr9	1.07E+08	1.07E+08	+	0.015364
Vprbp	MmuINT0173535	chr9	1.07E+08	1.07E+08	+	0.017779
Vprbp	MmuINT0173536	chr9	1.07E+08	1.07E+08	+	0.015561
Vprbp	MmuINT0173537	chr9	1.07E+08	1.07E+08	+	0.019797
Vprbp	MmuINT0173538	chr9	1.07E+08	1.07E+08	+	0.027801
Vprbp	MmuINT0173539	chr9	1.07E+08	1.07E+08	+	0.014203
Vprbp	MmuINT0173540	chr9	1.07E+08	1.07E+08	+	0.047215
Vprbp	MmuINT0173541	chr9	1.07E+08	1.07E+08	+	0.032346
Vprbp	MmuINT0173542	chr9	1.07E+08	1.07E+08	+	0.015458
Vprbp	MmuINT0173543	chr9	1.07E+08	1.07E+08	+	0.02047
Vprbp	MmuINT0173544	chr9	1.07E+08	1.07E+08	+	0.036783
Vprbp	MmuINT0173545	chr9	1.07E+08	1.07E+08	+	0.018181
Vprbp	MmuINT0173546	chr9	1.07E+08	1.07E+08	+	0.01945
Vprbp	MmuINT0173548	chr9	1.07E+08	1.07E+08	+	0.035543
Vprbp	MmuINT0173549	chr9	1.07E+08	1.07E+08	+	0.023071
Vprbp	MmuINT0173550	chr9	1.07E+08	1.07E+08	+	0.026322
Vprbp	MmuINT0173551	chr9	1.07E+08	1.07E+08	+	0.018524
Vprbp	MmuINT0173552	chr9	1.07E+08	1.07E+08	+	0.018672
Vprbp	MmuINT0173553	chr9	1.07E+08	1.07E+08	+	0.020031
Vprbp	MmuINT0173554	chr9	1.07E+08	1.07E+08	+	0.018418
Vps11	MmuINT0173558	chr9	44168069	44169525	-	0.032527
Vps11	MmuINT0173559	chr9	44162082	44162185	-	0.119204
Vps11	MmuINT0173560	chr9	44161438	44161919	-	0.02536
Vps11	MmuINT0173561	chr9	44161195	44161297	-	0.023726
Vps11	MmuINT0173562	chr9	44160852	44160991	-	0.009636
Vps11	MmuINT0173563	chr9	44157209	44160679	-	0.055141
Vps11	MmuINT0173564	chr9	44156668	44156985	-	0.01675
Vps11	MmuINT0173565	chr9	44167831	44167921	-	0.012672
Vps11	MmuINT0173566	chr9	44167385	44167694	-	0.018198
Vps11	MmuINT0173567	chr9	44166400	44167220	-	0.013888
Vps11	MmuINT0173568	chr9	44164513	44166151	-	0.026235
Vps11	MmuINT0173569	chr9	44163934	44164310	-	0.052857
Vps11	MmuINT0173570	chr9	44163234	44163781	-	0.013774

Vps11	MmuINT0173571	chr9	44162639	44163046	-	0.010412
Vps11	MmuINT0173572	chr9	44162375	44162491	-	0.007851
Vps13a	MmuINT0173577	chr19	16817549	16819275	-	0.050169
Vps13a	MmuINT0173585	chr19	16798263	16800046	-	0.05488
Vps13a	MmuINT0173590	chr19	16784918	16785276	-	0.035232
Vps13a	MmuINT0173591	chr19	16781897	16784760	-	0.030021
Vps13a	MmuINT0173593	chr19	16779176	16780364	-	0.048326
Vps13a	MmuINT0173597	chr19	16775779	16777993	-	0.069061
Vps13a	MmuINT0173609	chr19	16752894	16754499	-	0.027576
Vps13a	MmuINT0173610	chr19	16752600	16752734	-	0.027264
Vps13a	MmuINT0173611	chr19	16750697	16752343	-	0.084268
Vps13a	MmuINT0173612	chr19	16743192	16750535	-	0.063506
Vps13a	MmuINT0173613	chr19	16740927	16743087	-	0.0285
Vps13a	MmuINT0173614	chr19	16739395	16740643	-	0.033146
Vps13a	MmuINT0173615	chr19	16738603	16738998	-	0.028007
Vps13a	MmuINT0173616	chr19	16738389	16738497	-	0.028694
Vps13a	MmuINT0173617	chr19	16828852	16834076	-	0.054136
Vps13a	MmuINT0173619	chr19	16735072	16735486	-	0.035899
Vps13a	MmuINT0173620	chr19	16733224	16734937	-	0.031693
Vps13a	MmuINT0173621	chr19	16730582	16733093	-	0.021245
Vps13a	MmuINT0173622	chr19	16729850	16730348	-	0.031354
Vps13a	MmuINT0173623	chr19	16728978	16729698	-	0.015735
Vps13a	MmuINT0173624	chr19	16728413	16728830	-	0.024621
Vps13a	MmuINT0173625	chr19	16727247	16728330	-	0.035459
Vps13a	MmuINT0173626	chr19	16726015	16727176	-	0.021987
Vps13a	MmuINT0173627	chr19	16722197	16725908	-	0.027735
Vps13a	MmuINT0173630	chr19	16718321	16720338	-	0.021174
Vps13a	MmuINT0173632	chr19	16715350	16716047	-	0.02784
Vps13a	MmuINT0173633	chr19	16715191	16715273	-	0.01685
Vps13a	MmuINT0173634	chr19	16714738	16715026	-	0.027284
Vps13a	MmuINT0173635	chr19	16714604	16714691	-	0.024467
Vps13a	MmuINT0173636	chr19	16710371	16714479	-	0.017641
Vps13a	MmuINT0173637	chr19	16695200	16710258	-	0.027738
Vps13a	MmuINT0173638	chr19	16693992	16695113	-	0.019427
Vps13a	MmuINT0173640	chr19	16693659	16693867	-	0.021131
Vps13a	MmuINT0173641	chr19	16691406	16693583	-	0.023654
Vps13b	MmuINT0173645	chr15	35375916	35376377	+	0.053521
Vps13b	MmuINT0173650	chr15	35384907	35386369	+	0.039891
Vps13b	MmuINT0173651	chr15	35386495	35401637	+	0.076688
Vps13b	MmuINT0173654	chr15	35464116	35501814	+	0.061707
Vps13b	MmuINT0173655	chr15	35301863	35308643	+	0.067726
Vps13b	MmuINT0173657	chr15	35506282	35527149	+	0.076972
Vps13b	MmuINT0173660	chr15	35547574	35553356	+	0.072021
Vps13b	MmuINT0173661	chr15	35553561	35569607	+	0.044234
Vps13b	MmuINT0173662	chr15	35569780	35570284	+	0.058648
Vps13b	MmuINT0173667	chr15	35582122	35598455	+	0.063873
Vps13b	MmuINT0173668	chr15	35598660	35601053	+	0.050074
Vps13b	MmuINT0173670	chr15	35604708	35638880	+	0.052274
Vps13b	MmuINT0173672	chr15	35675540	35700210	+	0.040988
Vps13b	MmuINT0173673	chr15	35700619	35721793	+	0.051929

Vps13b	MmuINT0173674	chr15	35721997	35723588	+	0.058131
Vps13b	MmuINT0173675	chr15	35723794	35724059	+	0.041774
Vps13b	MmuINT0173676	chr15	35724245	35763938	+	0.052679
Vps13b	MmuINT0173683	chr15	35805581	35806134	+	0.048587
Vps13b	MmuINT0173685	chr15	35806573	35807251	+	0.039677
Vps13b	MmuINT0173686	chr15	35807423	35808397	+	0.05284
Vps13b	MmuINT0173688	chr15	35352231	35352870	+	0.054202
Vps13b	MmuINT0173691	chr15	35814546	35816631	+	0.034134
Vps13b	MmuINT0173692	chr15	35816760	35816937	+	0.06102
Vps13b	MmuINT0173693	chr15	35817138	35835026	+	0.034705
Vps13b	MmuINT0173694	chr15	35835146	35839901	+	0.034543
Vps13b	MmuINT0173695	chr15	35840705	35844528	+	0.035278
Vps13b	MmuINT0173696	chr15	35844706	35846801	+	0.062216
Vps13b	MmuINT0173697	chr15	35846973	35852941	+	0.04748
Vps13b	MmuINT0173698	chr15	35853119	35855058	+	0.060114
Vps13b	MmuINT0173699	chr15	35353053	35359864	+	0.050987
Vps13b	MmuINT0173700	chr15	35855162	35855795	+	0.041847
Vps13b	MmuINT0173701	chr15	35856046	35859609	+	0.077221
Vps13b	MmuINT0173702	chr15	35360040	35368467	+	0.059903
Vps13b	MmuINT0173703	chr15	35368734	35375324	+	0.102607
Vps13b	MmuINT0173704	chr15	35375421	35375792	+	0.046489
Vps13c	MmuINT0173705	chr9	67688334	67700297	+	0.062589
Vps13c	MmuINT0173708	chr9	67726943	67729136	+	0.032935
Vps13c	MmuINT0173709	chr9	67729265	67731259	+	0.041176
Vps13c	MmuINT0173710	chr9	67731367	67732378	+	0.041436
Vps13c	MmuINT0173711	chr9	67732551	67734063	+	0.043597
Vps13c	MmuINT0173712	chr9	67734127	67737492	+	0.024406
Vps13c	MmuINT0173713	chr9	67737620	67738101	+	0.045582
Vps13c	MmuINT0173714	chr9	67738197	67740887	+	0.03082
Vps13c	MmuINT0173715	chr9	67741031	67741764	+	0.022623
Vps13c	MmuINT0173717	chr9	67741958	67743136	+	0.025521
Vps13c	MmuINT0173718	chr9	67743252	67743894	+	0.027468
Vps13c	MmuINT0173719	chr9	67744032	67744880	+	0.029518
Vps13c	MmuINT0173720	chr9	67745005	67746439	+	0.027685
Vps13c	MmuINT0173721	chr9	67746558	67749251	+	0.03417
Vps13c	MmuINT0173722	chr9	67749382	67750647	+	0.026584
Vps13c	MmuINT0173723	chr9	67750727	67751365	+	0.036763
Vps13c	MmuINT0173724	chr9	67751506	67753599	+	0.027184
Vps13c	MmuINT0173725	chr9	67753754	67755798	+	0.026421
Vps13c	MmuINT0173726	chr9	67755879	67757368	+	0.046128
Vps13c	MmuINT0173727	chr9	67701546	67706596	+	0.045078
Vps13c	MmuINT0173728	chr9	67757429	67757902	+	0.038506
Vps13c	MmuINT0173729	chr9	67758063	67759313	+	0.029476
Vps13c	MmuINT0173730	chr9	67759431	67760737	+	0.029281
Vps13c	MmuINT0173731	chr9	67760842	67761012	+	0.025668
Vps13c	MmuINT0173732	chr9	67761181	67761613	+	0.028742
Vps13c	MmuINT0173733	chr9	67761919	67763387	+	0.028871
Vps13c	MmuINT0173734	chr9	67763536	67764152	+	0.042259
Vps13c	MmuINT0173735	chr9	67764262	67767044	+	0.022851
Vps13c	MmuINT0173736	chr9	67767179	67768665	+	0.023598

Vps13c	MmuINT0173737	chr9	67768823	67769646	+	0.026066
Vps13c	MmuINT0173739	chr9	67769727	67770650	+	0.041984
Vps13c	MmuINT0173740	chr9	67770711	67771486	+	0.023089
Vps13c	MmuINT0173741	chr9	67771650	67773576	+	0.018013
Vps13c	MmuINT0173742	chr9	67773691	67774726	+	0.028296
Vps13c	MmuINT0173743	chr9	67774831	67775168	+	0.024655
Vps13c	MmuINT0173744	chr9	67775337	67777167	+	0.017859
Vps13c	MmuINT0173745	chr9	67777473	67778420	+	0.017884
Vps13c	MmuINT0173746	chr9	67778569	67780246	+	0.016197
Vps13c	MmuINT0173747	chr9	67780398	67782247	+	0.027272
Vps13c	MmuINT0173748	chr9	67782358	67784098	+	0.023438
Vps13c	MmuINT0173750	chr9	67784269	67785465	+	0.013889
Vps13c	MmuINT0173751	chr9	67785714	67786729	+	0.013302
Vps13c	MmuINT0173752	chr9	67786960	67788265	+	0.021641
Vps13c	MmuINT0173753	chr9	67788359	67791163	+	0.015734
Vps13c	MmuINT0173754	chr9	67791530	67791851	+	0.01605
Vps13c	MmuINT0173755	chr9	67791939	67793293	+	0.01952
Vps13c	MmuINT0173756	chr9	67793444	67793630	+	0.014344
Vps13c	MmuINT0173757	chr9	67793896	67795923	+	0.027665
Vps13c	MmuINT0173758	chr9	67796085	67797122	+	0.020134
Vps13c	MmuINT0173759	chr9	67797245	67798039	+	0.020378
Vps13c	MmuINT0173761	chr9	67798335	67799116	+	0.00993
Vps13c	MmuINT0173762	chr9	67799507	67800740	+	0.019215
Vps13c	MmuINT0173763	chr9	67800846	67801530	+	0.01526
Vps13c	MmuINT0173764	chr9	67801696	67802344	+	0.013456
Vps13c	MmuINT0173765	chr9	67802474	67802738	+	0.012199
Vps13c	MmuINT0173766	chr9	67802873	67803473	+	0.009897
Vps13c	MmuINT0173767	chr9	67803601	67805307	+	0.011523
Vps13c	MmuINT0173768	chr9	67805544	67809400	+	0.008598
Vps13c	MmuINT0173769	chr9	67809543	67810855	+	0.01242
Vps13c	MmuINT0173770	chr9	67810997	67811865	+	0.014197
Vps13c	MmuINT0173772	chr9	67811948	67812050	+	0.014358
Vps13c	MmuINT0173773	chr9	67812121	67813271	+	0.014797
Vps13c	MmuINT0173774	chr9	67813384	67813491	+	0.012237
Vps13c	MmuINT0173775	chr9	67813606	67814846	+	0.010026
Vps13c	MmuINT0173776	chr9	67814987	67817081	+	0.016604
Vps13c	MmuINT0173777	chr9	67817164	67819794	+	0.012759
Vps13c	MmuINT0173778	chr9	67819909	67820667	+	0.01307
Vps13c	MmuINT0173779	chr9	67820744	67821088	+	0.009325
Vps13c	MmuINT0173780	chr9	67821253	67821518	+	0.018432
Vps13c	MmuINT0173781	chr9	67821565	67823588	+	0.012295
Vps13c	MmuINT0173782	chr9	67719093	67721661	+	0.037615
Vps13c	MmuINT0173783	chr9	67823713	67830311	+	0.015007
Vps13c	MmuINT0173784	chr9	67830427	67835769	+	0.024042
Vps13c	MmuINT0173785	chr9	67835859	67840744	+	0.026001
Vps13c	MmuINT0173786	chr9	67840869	67842666	+	0.027775
Vps13c	MmuINT0173787	chr9	67842751	67843094	+	0.011339
Vps13d	MmuINT0173797	chr4	1.45E+08	1.45E+08	-	0.011487
Vps13d	MmuINT0173798	chr4	1.45E+08	1.45E+08	-	0.023493
Vps13d	MmuINT0173799	chr4	1.45E+08	1.45E+08	-	0.031274

Vps13d	MmuINT0173801	chr4	1.45E+08	1.45E+08	-	0.02588
Vps13d	MmuINT0173802	chr4	1.45E+08	1.45E+08	-	0.016738
Vps13d	MmuINT0173803	chr4	1.45E+08	1.45E+08	-	0.01734
Vps13d	MmuINT0173804	chr4	1.45E+08	1.45E+08	-	0.018904
Vps13d	MmuINT0173805	chr4	1.45E+08	1.45E+08	-	0.011732
Vps13d	MmuINT0173806	chr4	1.45E+08	1.45E+08	-	0.01373
Vps13d	MmuINT0173807	chr4	1.45E+08	1.45E+08	-	0.00993
Vps13d	MmuINT0173808	chr4	1.45E+08	1.45E+08	-	0.014553
Vps13d	MmuINT0173809	chr4	1.45E+08	1.45E+08	-	0.017643
Vps13d	MmuINT0173810	chr4	1.45E+08	1.45E+08	-	0.012241
Vps13d	MmuINT0173812	chr4	1.45E+08	1.45E+08	-	0.012015
Vps13d	MmuINT0173813	chr4	1.45E+08	1.45E+08	-	0.011467
Vps13d	MmuINT0173814	chr4	1.45E+08	1.45E+08	-	0.008627
Vps13d	MmuINT0173815	chr4	1.45E+08	1.45E+08	-	0.016549
Vps13d	MmuINT0173816	chr4	1.45E+08	1.45E+08	-	0.010332
Vps13d	MmuINT0173817	chr4	1.45E+08	1.45E+08	-	0.008267
Vps13d	MmuINT0173818	chr4	1.45E+08	1.45E+08	-	0.00962
Vps13d	MmuINT0173819	chr4	1.45E+08	1.45E+08	-	0.010335
Vps13d	MmuINT0173821	chr4	1.45E+08	1.45E+08	-	0.008461
Vps13d	MmuINT0173823	chr4	1.45E+08	1.45E+08	-	0.010616
Vps13d	MmuINT0173824	chr4	1.45E+08	1.45E+08	-	0.012445
Vps13d	MmuINT0173825	chr4	1.45E+08	1.45E+08	-	0.011789
Vps13d	MmuINT0173826	chr4	1.45E+08	1.45E+08	-	0.010453
Vps13d	MmuINT0173827	chr4	1.45E+08	1.45E+08	-	0.008294
Vps13d	MmuINT0173828	chr4	1.45E+08	1.45E+08	-	0.007165
Vps13d	MmuINT0173829	chr4	1.45E+08	1.45E+08	-	0.007175
Vps13d	MmuINT0173830	chr4	1.45E+08	1.45E+08	-	0.009316
Vps13d	MmuINT0173831	chr4	1.45E+08	1.45E+08	-	0.010758
Vps13d	MmuINT0173832	chr4	1.45E+08	1.45E+08	-	0.010378
Vps13d	MmuINT0173834	chr4	1.45E+08	1.45E+08	-	0.008299
Vps13d	MmuINT0173835	chr4	1.45E+08	1.45E+08	-	0.01763
Vps13d	MmuINT0173836	chr4	1.45E+08	1.45E+08	-	0.010628
Vps13d	MmuINT0173837	chr4	1.45E+08	1.45E+08	-	0.008797
Vps13d	MmuINT0173838	chr4	1.45E+08	1.45E+08	-	0.006818
Vps13d	MmuINT0173839	chr4	1.45E+08	1.45E+08	-	0.006225
Vps13d	MmuINT0173840	chr4	1.45E+08	1.45E+08	-	0.005539
Vps13d	MmuINT0173841	chr4	1.45E+08	1.45E+08	-	0.007288
Vps13d	MmuINT0173842	chr4	1.45E+08	1.45E+08	-	0.006062
Vps13d	MmuINT0173843	chr4	1.45E+08	1.45E+08	-	0.005182
Vps13d	MmuINT0173844	chr4	1.45E+08	1.45E+08	-	0.02232
Vps13d	MmuINT0173845	chr4	1.45E+08	1.45E+08	-	0.009559
Vps13d	MmuINT0173846	chr4	1.45E+08	1.45E+08	-	0.006141
Vps13d	MmuINT0173847	chr4	1.45E+08	1.45E+08	-	0.006172
Vps13d	MmuINT0173848	chr4	1.45E+08	1.45E+08	-	0.004913
Vps13d	MmuINT0173849	chr4	1.45E+08	1.45E+08	-	0.004149
Vps13d	MmuINT0173850	chr4	1.45E+08	1.45E+08	-	0.005621
Vps13d	MmuINT0173851	chr4	1.45E+08	1.45E+08	-	0.013536
Vps13d	MmuINT0173852	chr4	1.45E+08	1.45E+08	-	0.007911
Vps13d	MmuINT0173854	chr4	1.45E+08	1.45E+08	-	0.019862
Vps16	MmuINT0173856	chr2	1.3E+08	1.3E+08	+	0.020505



Vps16	MmuINT0173857	chr2	1.3E+08	1.3E+08	+	0.015896
Vps16	MmuINT0173858	chr2	1.3E+08	1.3E+08	+	0.014483
Vps16	MmuINT0173859	chr2	1.3E+08	1.3E+08	+	0.160735
Vps16	MmuINT0173860	chr2	1.3E+08	1.3E+08	+	0.034449
Vps16	MmuINT0173861	chr2	1.3E+08	1.3E+08	+	0.01945
Vps16	MmuINT0173862	chr2	1.3E+08	1.3E+08	+	0.051279
Vps16	MmuINT0173863	chr2	1.3E+08	1.3E+08	+	0.035555
Vps16	MmuINT0173864	chr2	1.3E+08	1.3E+08	+	0.078961
Vps16	MmuINT0173865	chr2	1.3E+08	1.3E+08	+	0.029597
Vps16	MmuINT0173866	chr2	1.3E+08	1.3E+08	+	0.030509
Vps16	MmuINT0173867	chr2	1.3E+08	1.3E+08	+	0.021517
Vps16	MmuINT0173868	chr2	1.3E+08	1.3E+08	+	0.013736
Vps16	MmuINT0173869	chr2	1.3E+08	1.3E+08	+	0.017237
Vps16	MmuINT0173870	chr2	1.3E+08	1.3E+08	+	0.067044
Vps16	MmuINT0173871	chr2	1.3E+08	1.3E+08	+	0.045867
Vps16	MmuINT0173872	chr2	1.3E+08	1.3E+08	+	0.011018
Vps16	MmuINT0173873	chr2	1.3E+08	1.3E+08	+	0.016061
Vps16	MmuINT0173874	chr2	1.3E+08	1.3E+08	+	0.013399
Vps16	MmuINT0173875	chr2	1.3E+08	1.3E+08	+	0.043337
Vps16	MmuINT0173876	chr2	1.3E+08	1.3E+08	+	0.14678
Vps16	MmuINT0173877	chr2	1.3E+08	1.3E+08	+	0.122695
Vps16	MmuINT0173878	chr2	1.3E+08	1.3E+08	+	0.05451
Vps18	MmuINT0173879	chr2	1.19E+08	1.19E+08	+	0.024148
Vps18	MmuINT0173880	chr2	1.19E+08	1.19E+08	+	0.083357
Vps18	MmuINT0173881	chr2	1.19E+08	1.19E+08	+	0.022047
Vps18	MmuINT0173882	chr2	1.19E+08	1.19E+08	+	0.026482
Vps24	MmuINT0173886	chr6	71524231	71527724	+	0.028643
Vps25	MmuINT0173888	chr11	1.01E+08	1.01E+08	+	0.01871
Vps25	MmuINT0173889	chr11	1.01E+08	1.01E+08	+	0.011169
Vps25	MmuINT0173890	chr11	1.01E+08	1.01E+08	+	0.031311
Vps25	MmuINT0173891	chr11	1.01E+08	1.01E+08	+	0.031404
Vps25	MmuINT0173892	chr11	1.01E+08	1.01E+08	+	0.012882
Vps26a	MmuINT0173894	chr10	61943456	61949405	-	0.003185
Vps26a	MmuINT0173895	chr10	61933884	61943305	-	0.004291
Vps26a	MmuINT0173896	chr10	61932806	61933807	-	0.007208
Vps26a	MmuINT0173897	chr10	61931203	61932648	-	0.003594
Vps26a	MmuINT0173898	chr10	61927487	61931037	-	0.008301
Vps26a	MmuINT0173899	chr10	61926508	61927379	-	0.002984
Vps26a	MmuINT0173900	chr10	61921815	61926438	-	0.008163
Vps26a	MmuINT0173901	chr10	61919607	61921671	-	0.006906
Vps26b	MmuINT0173902	chr9	26827060	26836983	-	0.005195
Vps26b	MmuINT0173903	chr9	26822907	26826902	-	0.008003
Vps26b	MmuINT0173904	chr9	26820486	26822741	-	0.010643
Vps26b	MmuINT0173905	chr9	26818092	26820309	-	0.008511
Vps26b	MmuINT0173906	chr9	26817623	26817948	-	0.006425
Vps28	MmuINT0173907	chr15	76455636	76456418	-	0.004185
Vps28	MmuINT0173908	chr15	76455051	76455563	-	0.084721
Vps28	MmuINT0173909	chr15	76454916	76455021	-	0.006861
Vps28	MmuINT0173910	chr15	76454606	76454877	-	0.008558
Vps28	MmuINT0173911	chr15	76453925	76454515	-	0.033809

Vps28	MmuINT0173912	chr15	76453703	76453818	-	0.008278
Vps28	MmuINT0173913	chr15	76453139	76453600	-	0.005922
Vps28	MmuINT0173914	chr15	76452993	76453084	-	0.01566
Vps28	MmuINT0173915	chr15	76452781	76452900	-	0.006358
Vps29	MmuINT0173916	chr5	1.23E+08	1.23E+08	+	0.035387
Vps29	MmuINT0173917	chr5	1.23E+08	1.23E+08	+	0.022701
Vps29	MmuINT0173918	chr5	1.23E+08	1.23E+08	+	0.010655
Vps33a	MmuINT0173919	chr5	1.24E+08	1.24E+08	-	0.015432
Vps33a	MmuINT0173920	chr5	1.24E+08	1.24E+08	-	0.016684
Vps33a	MmuINT0173921	chr5	1.24E+08	1.24E+08	-	0.007186
Vps33a	MmuINT0173922	chr5	1.24E+08	1.24E+08	-	0.01306
Vps33a	MmuINT0173923	chr5	1.24E+08	1.24E+08	-	0.016241
Vps33a	MmuINT0173924	chr5	1.24E+08	1.24E+08	-	0.008603
Vps33a	MmuINT0173925	chr5	1.24E+08	1.24E+08	-	0.011831
Vps33a	MmuINT0173926	chr5	1.24E+08	1.24E+08	-	0.009716
Vps33a	MmuINT0173927	chr5	1.24E+08	1.24E+08	-	0.031498
Vps33a	MmuINT0173928	chr5	1.24E+08	1.24E+08	-	0.009534
Vps33a	MmuINT0173929	chr5	1.24E+08	1.24E+08	-	0.011956
Vps33a	MmuINT0173930	chr5	1.24E+08	1.24E+08	-	0.023702
Vps33b	MmuINT0173933	chr7	87429502	87429903	+	0.028048
Vps33b	MmuINT0173934	chr7	87429991	87430135	+	0.05922
Vps33b	MmuINT0173935	chr7	87430227	87430441	+	0.065913
Vps33b	MmuINT0173936	chr7	87430517	87430719	+	0.109528
Vps33b	MmuINT0173937	chr7	87430785	87430896	+	0.06129
Vps33b	MmuINT0173938	chr7	87430952	87431993	+	0.097234
Vps33b	MmuINT0173939	chr7	87432041	87432663	+	0.058433
Vps33b	MmuINT0173940	chr7	87432797	87433285	+	0.125147
Vps33b	MmuINT0173941	chr7	87433360	87434867	+	0.151182
Vps33b	MmuINT0173942	chr7	87419196	87419509	+	0.04307
Vps33b	MmuINT0173943	chr7	87434970	87435153	+	0.04028
Vps33b	MmuINT0173944	chr7	87435230	87435333	+	0.098038
Vps33b	MmuINT0173945	chr7	87435451	87436000	+	0.130005
Vps33b	MmuINT0173949	chr7	87424904	87427370	+	0.242109
Vps33b	MmuINT0173950	chr7	87427466	87428313	+	0.03726
Vps33b	MmuINT0173951	chr7	87428419	87428865	+	0.045911
Vps33b	MmuINT0173952	chr7	87428963	87429169	+	0.036456
Vps35	MmuINT0173953	chr8	87818857	87823353	-	0.007438
Vps35	MmuINT0173954	chr8	87798927	87802602	-	0.003353
Vps35	MmuINT0173955	chr8	87797527	87798718	-	0.002721
Vps35	MmuINT0173956	chr8	87794715	87797370	-	0.002152
Vps35	MmuINT0173957	chr8	87788223	87794591	-	0.002716
Vps35	MmuINT0173958	chr8	87787450	87788042	-	0.002488
Vps35	MmuINT0173959	chr8	87786038	87787209	-	0.006799
Vps35	MmuINT0173960	chr8	87785209	87785893	-	0.009539
Vps35	MmuINT0173961	chr8	87813702	87818757	-	0.005147
Vps35	MmuINT0173962	chr8	87811719	87813604	-	0.003333
Vps35	MmuINT0173963	chr8	87810423	87811594	-	0.002779
Vps35	MmuINT0173964	chr8	87808106	87810239	-	0.002502
Vps35	MmuINT0173965	chr8	87805824	87807891	-	0.002677
Vps35	MmuINT0173966	chr8	87805245	87805739	-	0.004248

Vps35	MmuINT0173967	chr8	87802956	87805134	-	0.002944
Vps35	MmuINT0173968	chr8	87802752	87802858	-	0.00223
Vps36	MmuINT0173969	chr8	23303439	23309369	+	0.006984
Vps36	MmuINT0173970	chr8	23324033	23326983	+	0.00725
Vps36	MmuINT0173971	chr8	23327049	23327596	+	0.007012
Vps36	MmuINT0173972	chr8	23327682	23328683	+	0.013887
Vps36	MmuINT0173973	chr8	23328761	23328870	+	0.016541
Vps36	MmuINT0173974	chr8	23309439	23312745	+	0.010048
Vps36	MmuINT0173975	chr8	23312817	23316138	+	0.00613
Vps36	MmuINT0173976	chr8	23316254	23317248	+	0.006951
Vps36	MmuINT0173977	chr8	23317339	23318328	+	0.010271
Vps36	MmuINT0173978	chr8	23318416	23320740	+	0.010273
Vps36	MmuINT0173979	chr8	23320774	23320860	+	0.008163
Vps36	MmuINT0173980	chr8	23320939	23322009	+	0.008634
Vps36	MmuINT0173981	chr8	23322145	23323966	+	0.008665
Vps37a	MmuINT0173982	chr8	41597588	41612280	+	0.020447
Vps37a	MmuINT0173983	chr8	41629308	41630297	+	0.005739
Vps37a	MmuINT0173984	chr8	41630379	41631629	+	0.011303
Vps37a	MmuINT0173985	chr8	41612356	41613671	+	0.009985
Vps37a	MmuINT0173986	chr8	41613787	41614462	+	0.010014
Vps37a	MmuINT0173987	chr8	41614564	41622223	+	0.00675
Vps37a	MmuINT0173988	chr8	41622450	41624663	+	0.008952
Vps37a	MmuINT0173989	chr8	41624735	41626032	+	0.006028
Vps37a	MmuINT0173990	chr8	41626161	41626242	+	0.007229
Vps37a	MmuINT0173991	chr8	41626302	41626378	+	0.012225
Vps37a	MmuINT0173992	chr8	41626448	41629163	+	0.151227
Vps37b	MmuINT0173993	chr5	1.24E+08	1.24E+08	-	0.011946
Vps37b	MmuINT0173994	chr5	1.24E+08	1.24E+08	-	0.039686
Vps37b	MmuINT0173995	chr5	1.24E+08	1.24E+08	-	0.03503
Vps37c	MmuINT0173996	chr19	10763470	10780699	+	0.030819
Vps37c	MmuINT0173997	chr19	10780799	10784759	+	0.011919
Vps37c	MmuINT0173998	chr19	10784932	10785760	+	0.017456
Vps37c	MmuINT0173999	chr19	10785844	10787013	+	0.01263
Vps39	MmuINT0174001	chr2	1.2E+08	1.2E+08	-	0.016464
Vps39	MmuINT0174002	chr2	1.2E+08	1.2E+08	-	0.014457
Vps39	MmuINT0174003	chr2	1.2E+08	1.2E+08	-	0.010334
Vps39	MmuINT0174005	chr2	1.2E+08	1.2E+08	-	0.014358
Vps39	MmuINT0174006	chr2	1.2E+08	1.2E+08	-	0.023066
Vps39	MmuINT0174007	chr2	1.2E+08	1.2E+08	-	0.029309
Vps39	MmuINT0174008	chr2	1.2E+08	1.2E+08	-	0.055564
Vps39	MmuINT0174009	chr2	1.2E+08	1.2E+08	-	0.023098
Vps39	MmuINT0174010	chr2	1.2E+08	1.2E+08	-	0.040821
Vps39	MmuINT0174011	chr2	1.2E+08	1.2E+08	-	0.028757
Vps39	MmuINT0174013	chr2	1.2E+08	1.2E+08	-	0.035116
Vps39	MmuINT0174014	chr2	1.2E+08	1.2E+08	-	0.036446
Vps39	MmuINT0174015	chr2	1.2E+08	1.2E+08	-	0.031151
Vps39	MmuINT0174016	chr2	1.2E+08	1.2E+08	-	0.019765
Vps39	MmuINT0174017	chr2	1.2E+08	1.2E+08	-	0.032485
Vps39	MmuINT0174018	chr2	1.2E+08	1.2E+08	-	0.020746
Vps39	MmuINT0174020	chr2	1.2E+08	1.2E+08	-	0.044339

Vps39	MmuINT0174021	chr2	1.2E+08	1.2E+08	-	0.022029
Vps39	MmuINT0174022	chr2	1.2E+08	1.2E+08	-	0.025814
Vps39	MmuINT0174023	chr2	1.2E+08	1.2E+08	-	0.021498
Vps39	MmuINT0174024	chr2	1.2E+08	1.2E+08	-	0.017324
Vps39	MmuINT0174025	chr2	1.2E+08	1.2E+08	-	0.012873
Vps41	MmuINT0174029	chr13	18809206	18815056	+	0.039116
Vps41	MmuINT0174030	chr13	18906163	18915648	+	0.009763
Vps41	MmuINT0174031	chr13	18915747	18919472	+	0.006177
Vps41	MmuINT0174032	chr13	18919603	18921091	+	0.04306
Vps41	MmuINT0174033	chr13	18921208	18922605	+	0.040573
Vps41	MmuINT0174034	chr13	18922663	18930520	+	0.009721
Vps41	MmuINT0174035	chr13	18930583	18931516	+	0.009229
Vps41	MmuINT0174036	chr13	18931599	18933026	+	0.008993
Vps41	MmuINT0174037	chr13	18933120	18934021	+	0.00778
Vps41	MmuINT0174038	chr13	18934150	18935337	+	0.011616
Vps41	MmuINT0174039	chr13	18935483	18937176	+	0.009686
Vps41	MmuINT0174040	chr13	18815096	18831310	+	0.00959
Vps41	MmuINT0174041	chr13	18937219	18937755	+	0.010487
Vps41	MmuINT0174042	chr13	18937807	18940754	+	0.007427
Vps41	MmuINT0174043	chr13	18940893	18944209	+	0.008247
Vps41	MmuINT0174044	chr13	18944265	18945215	+	0.006933
Vps41	MmuINT0174045	chr13	18945357	18946393	+	0.004815
Vps41	MmuINT0174046	chr13	18946531	18954405	+	0.006909
Vps41	MmuINT0174047	chr13	18954506	18954606	+	0.018206
Vps41	MmuINT0174048	chr13	18954652	18955901	+	0.008561
Vps41	MmuINT0174049	chr13	18955982	18957988	+	0.005721
Vps41	MmuINT0174050	chr13	18831416	18837130	+	0.008259
Vps41	MmuINT0174051	chr13	18837209	18874515	+	0.00894
Vps41	MmuINT0174052	chr13	18874591	18883455	+	0.012135
Vps41	MmuINT0174053	chr13	18883519	18886195	+	0.008419
Vps41	MmuINT0174054	chr13	18886262	18902300	+	0.007245
Vps41	MmuINT0174055	chr13	18902421	18903435	+	0.005963
Vps41	MmuINT0174056	chr13	18903583	18906095	+	0.006317
Vps45	MmuINT0174057	chr3	95861038	95861604	-	0.011421
Vps45	MmuINT0174058	chr3	95837747	95845260	-	0.024324
Vps45	MmuINT0174059	chr3	95836810	95837587	-	0.017786
Vps45	MmuINT0174060	chr3	95835051	95836701	-	0.012742
Vps45	MmuINT0174061	chr3	95823664	95834928	-	0.023029
Vps45	MmuINT0174062	chr3	95804075	95823531	-	0.055974
Vps45	MmuINT0174063	chr3	95857023	95860902	-	0.488545
Vps45	MmuINT0174064	chr3	95852311	95856961	-	0.042485
Vps45	MmuINT0174065	chr3	95851239	95852230	-	0.049531
Vps45	MmuINT0174066	chr3	95851059	95851169	-	0.032032
Vps45	MmuINT0174067	chr3	95850386	95850920	-	0.030106
Vps45	MmuINT0174068	chr3	95846852	95850274	-	0.034639
Vps45	MmuINT0174069	chr3	95846346	95846716	-	0.018348
Vps45	MmuINT0174070	chr3	95845429	95846231	-	0.017559
Vps4a	MmuINT0174071	chr8	1.1E+08	1.1E+08	+	0.003952
Vps4a	MmuINT0174072	chr8	1.1E+08	1.1E+08	+	0.052538
Vps4a	MmuINT0174073	chr8	1.1E+08	1.1E+08	+	0.004103

Vps4a	MmuINT0174074	chr8	1.1E+08	1.1E+08	+	0.015665
Vps4a	MmuINT0174075	chr8	1.1E+08	1.1E+08	+	0.00402
Vps4a	MmuINT0174076	chr8	1.1E+08	1.1E+08	+	0.008068
Vps4a	MmuINT0174077	chr8	1.1E+08	1.1E+08	+	0.03065
Vps4a	MmuINT0174078	chr8	1.1E+08	1.1E+08	+	0.022789
Vps4a	MmuINT0174080	chr8	1.1E+08	1.1E+08	+	0.021919
Vps4b	MmuINT0174082	chr1	1.09E+08	1.09E+08	-	0.001804
Vps4b	MmuINT0174084	chr1	1.09E+08	1.09E+08	-	0.010831
Vps4b	MmuINT0174086	chr1	1.09E+08	1.09E+08	-	0.005409
Vps4b	MmuINT0174087	chr1	1.09E+08	1.09E+08	-	0.00377
Vps4b	MmuINT0174090	chr1	1.09E+08	1.09E+08	-	0.012364
Vps52	MmuINT0174091	chr17	34093128	34093874	+	0.031257
Vps52	MmuINT0174092	chr17	34097450	34098055	+	0.012077
Vps52	MmuINT0174093	chr17	34098190	34098557	+	0.019074
Vps52	MmuINT0174096	chr17	34099492	34099670	+	0.022224
Vps52	MmuINT0174097	chr17	34099767	34099854	+	0.003151
Vps52	MmuINT0174098	chr17	34099963	34100122	+	0.005328
Vps52	MmuINT0174099	chr17	34100189	34102225	+	0.004551
Vps52	MmuINT0174100	chr17	34102338	34102605	+	0.031346
Vps52	MmuINT0174101	chr17	34102725	34102903	+	0.007075
Vps52	MmuINT0174102	chr17	34093960	34094793	+	0.010574
Vps52	MmuINT0174103	chr17	34094847	34094961	+	0.015887
Vps52	MmuINT0174104	chr17	34095038	34095234	+	0.008047
Vps52	MmuINT0174105	chr17	34095303	34095545	+	0.005338
Vps52	MmuINT0174106	chr17	34095722	34096169	+	0.059157
Vps52	MmuINT0174107	chr17	34096321	34096939	+	0.013644
Vps52	MmuINT0174108	chr17	34097041	34097131	+	0.003579
Vps52	MmuINT0174109	chr17	34097265	34097391	+	0.006151
Vps53	MmuINT0174110	chr11	75988210	75992914	-	0.013288
Vps53	MmuINT0174111	chr11	75927585	75930560	-	0.009153
Vps53	MmuINT0174112	chr11	75915591	75927442	-	0.007727
Vps53	MmuINT0174113	chr11	75905818	75915488	-	0.00945
Vps53	MmuINT0174114	chr11	75896187	75905722	-	0.00997
Vps53	MmuINT0174115	chr11	75894797	75895943	-	0.005879
Vps53	MmuINT0174116	chr11	75890625	75894648	-	0.015234
Vps53	MmuINT0174117	chr11	75890016	75890541	-	0.013214
Vps53	MmuINT0174118	chr11	75880392	75889936	-	0.011002
Vps53	MmuINT0174119	chr11	75876557	75880242	-	0.014373
Vps53	MmuINT0174120	chr11	75862080	75876486	-	0.031122
Vps53	MmuINT0174121	chr11	75979751	75988128	-	0.015832
Vps53	MmuINT0174122	chr11	75860672	75861941	-	0.010328
Vps53	MmuINT0174123	chr11	75860085	75860566	-	0.009069
Vps53	MmuINT0174124	chr11	75977367	75979700	-	0.019436
Vps53	MmuINT0174125	chr11	75951897	75977299	-	0.014832
Vps53	MmuINT0174126	chr11	75949817	75951809	-	0.00982
Vps53	MmuINT0174127	chr11	75948031	75949700	-	0.011013
Vps53	MmuINT0174128	chr11	75935099	75947910	-	0.010995
Vps53	MmuINT0174129	chr11	75931308	75935019	-	0.011692
Vps53	MmuINT0174130	chr11	75930704	75931163	-	0.005202
Vps54	MmuINT0174131	chr11	21139375	21163201	+	0.031341

Vps54	MmuINT0174132	chr11	21195400	21198756	+	0.01689
Vps54	MmuINT0174133	chr11	21198854	21199980	+	0.019124
Vps54	MmuINT0174134	chr11	21200322	21205653	+	0.014314
Vps54	MmuINT0174135	chr11	21205784	21206368	+	0.00911
Vps54	MmuINT0174136	chr11	21206551	21206911	+	0.013646
Vps54	MmuINT0174137	chr11	21207025	21208741	+	0.022478
Vps54	MmuINT0174138	chr11	21208806	21211079	+	0.061802
Vps54	MmuINT0174139	chr11	21211186	21212242	+	0.032068
Vps54	MmuINT0174140	chr11	21212331	21212853	+	0.151263
Vps54	MmuINT0174141	chr11	21212976	21213086	+	0.044365
Vps54	MmuINT0174142	chr11	21163358	21164632	+	0.051622
Vps54	MmuINT0174143	chr11	21213168	21214921	+	0.038335
Vps54	MmuINT0174144	chr11	21215030	21216794	+	0.044833
Vps54	MmuINT0174145	chr11	21216890	21219755	+	0.015945
Vps54	MmuINT0174146	chr11	21164875	21168787	+	0.014059
Vps54	MmuINT0174147	chr11	21168867	21171706	+	0.019785
Vps54	MmuINT0174148	chr11	21171742	21175000	+	0.016649
Vps54	MmuINT0174149	chr11	21175133	21177677	+	0.014023
Vps54	MmuINT0174150	chr11	21178064	21191035	+	0.014412
Vps54	MmuINT0174151	chr11	21191163	21192026	+	0.015569
Vps54	MmuINT0174152	chr11	21192135	21195343	+	0.019463
Vps72	MmuINT0174153	chr3	94915137	94922146	+	0.031648
Vps72	MmuINT0174155	chr3	94922686	94923052	+	0.006286
Vps72	MmuINT0174157	chr3	94925329	94926300	+	0.047924
Vps8	MmuINT0174159	chr16	21459882	21461194	+	0.022181
Vps8	MmuINT0174160	chr16	21461349	21461450	+	0.049832
Vps8	MmuINT0174161	chr16	21461511	21463667	+	0.037991
Vps8	MmuINT0174162	chr16	21463776	21466486	+	0.02277
Vps8	MmuINT0174163	chr16	21466568	21470189	+	0.017279
Vps8	MmuINT0174164	chr16	21470361	21475320	+	0.01575
Vps8	MmuINT0174165	chr16	21475396	21476546	+	0.029437
Vps8	MmuINT0174166	chr16	21476583	21477558	+	0.028822
Vps8	MmuINT0174167	chr16	21477650	21477917	+	0.024072
Vps8	MmuINT0174168	chr16	21477965	21478466	+	0.017449
Vps8	MmuINT0174169	chr16	21435137	21435825	+	0.019633
Vps8	MmuINT0174170	chr16	21478557	21495952	+	0.034207
Vps8	MmuINT0174171	chr16	21496000	21500260	+	0.026152
Vps8	MmuINT0174172	chr16	21500484	21504470	+	0.014717
Vps8	MmuINT0174173	chr16	21504561	21506842	+	0.018714
Vps8	MmuINT0174174	chr16	21506895	21511591	+	0.042542
Vps8	MmuINT0174175	chr16	21511635	21517355	+	0.033111
Vps8	MmuINT0174176	chr16	21517429	21518185	+	0.018582
Vps8	MmuINT0174177	chr16	21518306	21521956	+	0.017558
Vps8	MmuINT0174178	chr16	21522029	21526449	+	0.018421
Vps8	MmuINT0174179	chr16	21526570	21527608	+	0.025924
Vps8	MmuINT0174180	chr16	21435895	21442406	+	0.018254
Vps8	MmuINT0174181	chr16	21527666	21531352	+	0.023987
Vps8	MmuINT0174182	chr16	21531436	21532355	+	0.018715
Vps8	MmuINT0174183	chr16	21532441	21533135	+	0.014983
Vps8	MmuINT0174184	chr16	21533235	21540091	+	0.022915

Vps8	MmuINT0174185	chr16	21540182	21543340	+	0.022752
Vps8	MmuINT0174186	chr16	21543388	21554147	+	0.018632
Vps8	MmuINT0174187	chr16	21554296	21559406	+	0.01694
Vps8	MmuINT0174188	chr16	21559497	21560270	+	0.019543
Vps8	MmuINT0174189	chr16	21560314	21563202	+	0.026433
Vps8	MmuINT0174190	chr16	21563307	21568041	+	0.017051
Vps8	MmuINT0174191	chr16	21442538	21444161	+	0.020081
Vps8	MmuINT0174192	chr16	21568127	21568461	+	0.018105
Vps8	MmuINT0174193	chr16	21568545	21575039	+	0.01803
Vps8	MmuINT0174194	chr16	21575121	21576697	+	0.01356
Vps8	MmuINT0174195	chr16	21576868	21581605	+	0.009303
Vps8	MmuINT0174196	chr16	21581772	21608240	+	0.013921
Vps8	MmuINT0174197	chr16	21608295	21640751	+	0.019669
Vps8	MmuINT0174198	chr16	21640833	21644193	+	0.043441
Vps8	MmuINT0174199	chr16	21444256	21447327	+	0.035119
Vps8	MmuINT0174200	chr16	21447361	21448421	+	0.033439
Vps8	MmuINT0174202	chr16	21456427	21457451	+	0.019597
Vps8	MmuINT0174203	chr16	21457539	21459813	+	0.02982
Vrk1	MmuINT0174206	chr12	1.07E+08	1.07E+08	+	0.038188
Vrk1	MmuINT0174207	chr12	1.07E+08	1.07E+08	+	0.026267
Vrk1	MmuINT0174208	chr12	1.07E+08	1.07E+08	+	0.018478
Vrk1	MmuINT0174211	chr12	1.07E+08	1.07E+08	+	0.249496
Vrk1	MmuINT0174212	chr12	1.07E+08	1.07E+08	+	0.042085
Vrk1	MmuINT0174213	chr12	1.07E+08	1.07E+08	+	0.075665
Vrk1	MmuINT0174214	chr12	1.07E+08	1.07E+08	+	0.043251
Vrk1	MmuINT0174215	chr12	1.07E+08	1.07E+08	+	0.099677
Vrk1	MmuINT0174216	chr12	1.07E+08	1.07E+08	+	0.046376
Vrk1	MmuINT0174217	chr12	1.07E+08	1.07E+08	+	0.034586
Vrk1	MmuINT0174218	chr12	1.07E+08	1.07E+08	+	0.018922
Vrk1	MmuINT0174219	chr12	1.07E+08	1.07E+08	+	0.025474
Vrk2	MmuINT0174221	chr11	26383325	26386959	-	0.063025
Vrk2	MmuINT0174222	chr11	26376701	26383157	-	0.032269
Vrk2	MmuINT0174223	chr11	26450076	26491586	-	0.036873
Vrk2	MmuINT0174224	chr11	26449365	26450025	-	0.048926
Vrk2	MmuINT0174226	chr11	26435643	26447838	-	0.066949
Vrk2	MmuINT0174227	chr11	26434304	26435536	-	0.040635
Vrk2	MmuINT0174228	chr11	26399050	26434210	-	0.04267
Vrk2	MmuINT0174229	chr11	26389894	26398916	-	0.061649
Vrk2	MmuINT0174230	chr11	26387019	26389772	-	0.049023
Vrk3	MmuINT0174231	chr7	52004022	52007484	+	0.027706
Vrk3	MmuINT0174232	chr7	52022585	52023812	+	0.009019
Vrk3	MmuINT0174233	chr7	52023946	52024902	+	0.021523
Vrk3	MmuINT0174234	chr7	52025024	52026233	+	0.02542
Vrk3	MmuINT0174235	chr7	52026293	52030745	+	0.034842
Vrk3	MmuINT0174236	chr7	52030906	52032591	+	0.017179
Vrk3	MmuINT0174237	chr7	52007547	52009185	+	0.006999
Vrk3	MmuINT0174238	chr7	52009326	52013115	+	0.016333
Vrk3	MmuINT0174239	chr7	52013266	52015069	+	0.019461
Vrk3	MmuINT0174240	chr7	52015265	52016247	+	0.011187
Vrk3	MmuINT0174241	chr7	52016313	52018360	+	0.012096

Vrk3	MmuINT0174242	chr7	52018428	52019494	+	0.014245
Vrk3	MmuINT0174243	chr7	52019580	52020152	+	0.017323
Vrk3	MmuINT0174244	chr7	52020259	52022491	+	0.020815
Vsig10	MmuINT0174252	chr5	1.18E+08	1.18E+08	+	0.075008
Vsig10	MmuINT0174253	chr5	1.18E+08	1.18E+08	+	0.063404
Vsig10	MmuINT0174254	chr5	1.18E+08	1.18E+08	+	0.055771
Vsig10	MmuINT0174258	chr5	1.18E+08	1.18E+08	+	0.025615
Vsig10	MmuINT0174259	chr5	1.18E+08	1.18E+08	+	0.183832
Vsig10	MmuINT0174260	chr5	1.18E+08	1.18E+08	+	0.041662
Vsig2	MmuINT0174261	chr9	37347024	37347453	+	0.985451
Vsig2	MmuINT0174262	chr9	37347612	37347878	+	0.096059
Vsig2	MmuINT0174263	chr9	37348087	37348911	+	0.267261
Vsig2	MmuINT0174264	chr9	37349071	37349939	+	0.354911
Vsig2	MmuINT0174265	chr9	37350060	37350173	+	0.227735
Vsig2	MmuINT0174266	chr9	37350319	37351594	+	0.366811
Vta1	MmuINT0174302	chr10	14407515	14425155	-	0.008911
Vta1	MmuINT0174303	chr10	14404815	14407419	-	0.009319
Vta1	MmuINT0174304	chr10	14403946	14404686	-	0.0099
Vta1	MmuINT0174305	chr10	14395849	14403869	-	0.006267
Vta1	MmuINT0174306	chr10	14387915	14395739	-	0.013766
Vta1	MmuINT0174307	chr10	14380959	14387737	-	0.007275
Vta1	MmuINT0174308	chr10	14375652	14380871	-	0.016046
Vti1a	MmuINT0174314	chr19	55391035	55396428	+	0.017982
Vti1a	MmuINT0174315	chr19	55396488	55402835	+	0.014565
Vti1a	MmuINT0174316	chr19	55402947	55455431	+	0.018919
Vti1a	MmuINT0174317	chr19	55455510	55466273	+	0.020511
Vti1a	MmuINT0174318	chr19	55466359	55573000	+	0.032108
Vti1a	MmuINT0174319	chr19	55573072	55573732	+	0.020758
Vti1a	MmuINT0174320	chr19	55573795	55698306	+	0.036377
Vti1b	MmuINT0174321	chr12	80267397	80273206	-	0.006002
Vti1b	MmuINT0174322	chr12	80266127	80267337	-	0.004058
Vti1b	MmuINT0174323	chr12	80261570	80265934	-	0.00785
Vti1b	MmuINT0174324	chr12	80258897	80261395	-	0.001415
Vti1b	MmuINT0174325	chr12	80257559	80258834	-	0.001367
Vtn	MmuINT0174326	chr11	78312916	78313004	+	0.01472
Vtn	MmuINT0174327	chr11	78313125	78313202	+	0.010456
Vtn	MmuINT0174328	chr11	78313545	78313623	+	0.023938
Vtn	MmuINT0174329	chr11	78313764	78313930	+	0.04225
Vtn	MmuINT0174330	chr11	78314088	78314196	+	0.063181
Vtn	MmuINT0174331	chr11	78314350	78315075	+	0.043943
Vtn	MmuINT0174332	chr11	78315427	78315639	+	0.015445
Vwa1	MmuINT0174333	chr4	1.55E+08	1.55E+08	-	0.051842
Vwa1	MmuINT0174334	chr4	1.55E+08	1.55E+08	-	0.111499
Vwa1	MmuINT0174335	chr4	1.55E+08	1.55E+08	-	0.026499
Vwa3a	MmuINT0174351	chr7	1.28E+08	1.28E+08	+	0.435359
Vwa3a	MmuINT0174352	chr7	1.28E+08	1.28E+08	+	0.050315
Vwa3a	MmuINT0174363	chr7	1.28E+08	1.28E+08	+	0.437615
Vwa3a	MmuINT0174369	chr7	1.28E+08	1.28E+08	+	0.059125
Vwa3a	MmuINT0174372	chr7	1.28E+08	1.28E+08	+	0.218093
Vwa3a	MmuINT0174373	chr7	1.28E+08	1.28E+08	+	0.157025



Vwa3a	MmuINT0174374	chr7	1.28E+08	1.28E+08	+	0.120827
Vwa3a	MmuINT0174375	chr7	1.28E+08	1.28E+08	+	0.620127
Vwa5a	MmuINT0174383	chr9	38525973	38526842	+	0.017952
Vwa5a	MmuINT0174384	chr9	38535724	38536206	+	0.008049
Vwa5a	MmuINT0174385	chr9	38536287	38541449	+	0.014213
Vwa5a	MmuINT0174386	chr9	38541565	38542281	+	0.023829
Vwa5a	MmuINT0174387	chr9	38542447	38543143	+	0.024526
Vwa5a	MmuINT0174388	chr9	38543245	38543536	+	0.036432
Vwa5a	MmuINT0174389	chr9	38543791	38545327	+	0.015602
Vwa5a	MmuINT0174390	chr9	38545394	38545487	+	0.020053
Vwa5a	MmuINT0174391	chr9	38545587	38546070	+	0.012728
Vwa5a	MmuINT0174392	chr9	38546202	38548682	+	0.006991
Vwa5a	MmuINT0174393	chr9	38548810	38549278	+	0.011161
Vwa5a	MmuINT0174394	chr9	38526919	38529957	+	0.016883
Vwa5a	MmuINT0174395	chr9	38530016	38530130	+	0.016737
Vwa5a	MmuINT0174396	chr9	38530334	38530611	+	0.014164
Vwa5a	MmuINT0174397	chr9	38530835	38530951	+	0.007529
Vwa5a	MmuINT0174398	chr9	38531128	38531430	+	0.008449
Vwa5a	MmuINT0174399	chr9	38531546	38534527	+	0.007416
Vwa5a	MmuINT0174400	chr9	38534698	38535338	+	0.012898
Vwa5a	MmuINT0174401	chr9	38535428	38535578	+	0.009721
Vwf	MmuINT0174497	chr6	1.26E+08	1.26E+08	+	0.038379
Vwf	MmuINT0174498	chr6	1.26E+08	1.26E+08	+	0.03846
Vwf	MmuINT0174499	chr6	1.26E+08	1.26E+08	+	0.037942
Vwf	MmuINT0174500	chr6	1.26E+08	1.26E+08	+	0.026444
Vwf	MmuINT0174502	chr6	1.26E+08	1.26E+08	+	0.078061
Vwf	MmuINT0174503	chr6	1.26E+08	1.26E+08	+	0.021278
Vwf	MmuINT0174504	chr6	1.26E+08	1.26E+08	+	0.031933
Vwf	MmuINT0174505	chr6	1.26E+08	1.26E+08	+	0.033852
Vwf	MmuINT0174506	chr6	1.26E+08	1.26E+08	+	0.036387
Vwf	MmuINT0174507	chr6	1.26E+08	1.26E+08	+	0.025931
Vwf	MmuINT0174508	chr6	1.26E+08	1.26E+08	+	0.02345
Vwf	MmuINT0174509	chr6	1.26E+08	1.26E+08	+	0.02704
Vwf	MmuINT0174510	chr6	1.26E+08	1.26E+08	+	0.037793
Vwf	MmuINT0174511	chr6	1.26E+08	1.26E+08	+	0.037744
Vwf	MmuINT0174513	chr6	1.26E+08	1.26E+08	+	0.028154
Vwf	MmuINT0174514	chr6	1.26E+08	1.26E+08	+	0.021873
Vwf	MmuINT0174515	chr6	1.26E+08	1.26E+08	+	0.016489
Vwf	MmuINT0174516	chr6	1.26E+08	1.26E+08	+	0.017165
Vwf	MmuINT0174517	chr6	1.26E+08	1.26E+08	+	0.031939
Vwf	MmuINT0174518	chr6	1.26E+08	1.26E+08	+	0.025626
Vwf	MmuINT0174519	chr6	1.26E+08	1.26E+08	+	0.025863
Vwf	MmuINT0174520	chr6	1.26E+08	1.26E+08	+	0.018804
Vwf	MmuINT0174521	chr6	1.26E+08	1.26E+08	+	0.015483
Vwf	MmuINT0174522	chr6	1.26E+08	1.26E+08	+	0.030134
Vwf	MmuINT0174523	chr6	1.26E+08	1.26E+08	+	0.030691
Vwf	MmuINT0174524	chr6	1.26E+08	1.26E+08	+	0.03735
Vwf	MmuINT0174525	chr6	1.26E+08	1.26E+08	+	0.034477
Vwf	MmuINT0174527	chr6	1.26E+08	1.26E+08	+	0.050768
Wac	MmuINT0174534	chr18	7921607	7921853	+	0.004297

Wac	MmuINT0174536	chr18	7870026	7871546	+	0.070126
Wac	MmuINT0174537	chr18	7871743	7901493	+	0.000302
Wac	MmuINT0174540	chr18	7906043	7910513	+	0.024902
Wac	MmuINT0174541	chr18	7910823	7916049	+	0.009091
Wac	MmuINT0174542	chr18	7916296	7917550	+	0.01999
Wapal	MmuINT0174548	chr14	35487547	35490139	+	0.048031
Wapal	MmuINT0174549	chr14	35543847	35544694	+	0.013617
Wapal	MmuINT0174550	chr14	35544796	35546916	+	0.019134
Wapal	MmuINT0174551	chr14	35546994	35549855	+	0.028097
Wapal	MmuINT0174552	chr14	35550032	35550456	+	0.010775
Wapal	MmuINT0174553	chr14	35550573	35551041	+	0.008292
Wapal	MmuINT0174554	chr14	35551207	35552416	+	0.010473
Wapal	MmuINT0174555	chr14	35552625	35554242	+	0.013892
Wapal	MmuINT0174556	chr14	35554332	35557994	+	0.063356
Wapal	MmuINT0174557	chr14	35558091	35558810	+	0.019564
Wapal	MmuINT0174558	chr14	35490661	35504867	+	0.008768
Wapal	MmuINT0174559	chr14	35505921	35508172	+	0.008719
Wapal	MmuINT0174560	chr14	35508292	35535449	+	0.010322
Wapal	MmuINT0174561	chr14	35535546	35537891	+	0.014055
Wapal	MmuINT0174562	chr14	35538045	35538313	+	0.011359
Wapal	MmuINT0174563	chr14	35538451	35539085	+	0.016446
Wapal	MmuINT0174564	chr14	35539198	35542365	+	0.011584
Wapal	MmuINT0174565	chr14	35542594	35543734	+	0.008669
Wars	MmuINT0174566	chr12	1.1E+08	1.1E+08	-	0.010389
Wars	MmuINT0174567	chr12	1.1E+08	1.1E+08	-	0.007256
Wars	MmuINT0174568	chr12	1.1E+08	1.1E+08	-	0.005779
Wars	MmuINT0174569	chr12	1.1E+08	1.1E+08	-	0.008978
Wars	MmuINT0174570	chr12	1.1E+08	1.1E+08	-	0.007883
Wars	MmuINT0174571	chr12	1.1E+08	1.1E+08	-	0.01582
Wars	MmuINT0174572	chr12	1.1E+08	1.1E+08	-	0.013174
Wars	MmuINT0174573	chr12	1.1E+08	1.1E+08	-	0.028361
Wars	MmuINT0174574	chr12	1.1E+08	1.1E+08	-	0.852799
Wars2	MmuINT0174575	chr3	98945112	98991403	+	0.024438
Wars2	MmuINT0174576	chr3	98991662	99008458	+	0.045543
Wars2	MmuINT0174577	chr3	99008540	99009147	+	0.024227
Wars2	MmuINT0174578	chr3	99009234	99018578	+	0.049551
Wars2	MmuINT0174579	chr3	99018698	99020381	+	0.055425
Was	MmuINT0174582	chrX	7659116	7662631	-	0.070572
Wasf2	MmuINT0174599	chr4	1.33E+08	1.33E+08	+	0.010675
Wasf2	MmuINT0174600	chr4	1.33E+08	1.33E+08	+	0.010405
Wasf2	MmuINT0174601	chr4	1.33E+08	1.33E+08	+	0.017805
Wasf2	MmuINT0174602	chr4	1.33E+08	1.33E+08	+	0.009399
Wasf2	MmuINT0174603	chr4	1.33E+08	1.33E+08	+	0.008369
Wasf2	MmuINT0174604	chr4	1.33E+08	1.33E+08	+	0.026311
Wasf2	MmuINT0174605	chr4	1.33E+08	1.33E+08	+	0.007334
Wasf2	MmuINT0174606	chr4	1.33E+08	1.33E+08	+	0.015827
Wasl	MmuINT0174617	chr6	24587784	24614535	-	0.013654
Wasl	MmuINT0174619	chr6	24584659	24587648	-	0.015309
Wasl	MmuINT0174620	chr6	24583934	24584571	-	0.021906
Wasl	MmuINT0174621	chr6	24579949	24583836	-	0.018985

Wasl	MmuINT0174622	chr6	24576863	24579924	-	0.007759
Wasl	MmuINT0174623	chr6	24575097	24576693	-	0.03936
Wasl	MmuINT0174624	chr6	24574390	24575053	-	0.017783
Wasl	MmuINT0174625	chr6	24569703	24574235	-	0.205019
Wasl	MmuINT0174626	chr6	24568382	24569184	-	0.020511
Wbp1	MmuINT0174628	chr6	83070871	83071196	-	0.042956
Wbp1	MmuINT0174629	chr6	83070039	83070178	-	0.019173
Wbp1	MmuINT0174630	chr6	83069715	83069861	-	0.143953
Wbp11	MmuINT0174631	chr6	1.37E+08	1.37E+08	-	0.058729
Wbp11	MmuINT0174632	chr6	1.37E+08	1.37E+08	-	0.01562
Wbp11	MmuINT0174633	chr6	1.37E+08	1.37E+08	-	0.009201
Wbp11	MmuINT0174634	chr6	1.37E+08	1.37E+08	-	0.005125
Wbp11	MmuINT0174635	chr6	1.37E+08	1.37E+08	-	0.019675
Wbp11	MmuINT0174636	chr6	1.37E+08	1.37E+08	-	0.004468
Wbp11	MmuINT0174637	chr6	1.37E+08	1.37E+08	-	0.007732
Wbp11	MmuINT0174638	chr6	1.37E+08	1.37E+08	-	0.004596
Wbp11	MmuINT0174639	chr6	1.37E+08	1.37E+08	-	0.010212
Wbp11	MmuINT0174640	chr6	1.37E+08	1.37E+08	-	0.024364
Wbp11	MmuINT0174641	chr6	1.37E+08	1.37E+08	-	0.006294
Wbp2	MmuINT0174642	chr11	1.16E+08	1.16E+08	-	0.002246
Wbp2	MmuINT0174643	chr11	1.16E+08	1.16E+08	-	0.01075
Wbp2	MmuINT0174644	chr11	1.16E+08	1.16E+08	-	0.011531
Wbp2	MmuINT0174645	chr11	1.16E+08	1.16E+08	-	0.013314
Wbp2	MmuINT0174646	chr11	1.16E+08	1.16E+08	-	0.00523
Wbp2	MmuINT0174647	chr11	1.16E+08	1.16E+08	-	0.014024
Wbp2	MmuINT0174648	chr11	1.16E+08	1.16E+08	-	0.002725
Wbp4	MmuINT0174655	chr14	79876912	79880179	-	0.010594
Wbp4	MmuINT0174656	chr14	79876740	79876848	-	0.007485
Wbp4	MmuINT0174657	chr14	79872333	79876609	-	0.009178
Wbp4	MmuINT0174658	chr14	79870541	79872158	-	0.048528
Wbp4	MmuINT0174659	chr14	79869988	79870493	-	0.035371
Wbp4	MmuINT0174660	chr14	79867271	79869911	-	0.017894
Wbp4	MmuINT0174661	chr14	79866157	79867079	-	0.009265
Wbp4	MmuINT0174662	chr14	79861937	79865989	-	0.014491
Wbp7	MmuINT0174665	chr7	31372347	31373373	-	0.106244
Wbp7	MmuINT0174666	chr7	31367301	31367426	-	0.056372
Wbp7	MmuINT0174667	chr7	31367004	31367186	-	0.040688
Wbp7	MmuINT0174668	chr7	31366765	31366856	-	0.029933
Wbp7	MmuINT0174669	chr7	31366152	31366668	-	0.038702
Wbp7	MmuINT0174670	chr7	31365572	31366033	-	0.049224
Wbp7	MmuINT0174671	chr7	31365294	31365457	-	0.028969
Wbp7	MmuINT0174672	chr7	31365035	31365108	-	0.090305
Wbp7	MmuINT0174673	chr7	31364845	31364944	-	0.079232
Wbp7	MmuINT0174674	chr7	31364600	31364739	-	0.023998
Wbp7	MmuINT0174675	chr7	31364015	31364525	-	0.039016
Wbp7	MmuINT0174676	chr7	31372049	31372273	-	0.034738
Wbp7	MmuINT0174677	chr7	31363814	31363898	-	0.024232
Wbp7	MmuINT0174678	chr7	31363640	31363721	-	0.025244
Wbp7	MmuINT0174679	chr7	31362475	31363501	-	0.053178
Wbp7	MmuINT0174680	chr7	31362171	31362315	-	0.054219

Wbp7	MmuINT0174681	chr7	31361972	31362049	-	0.031247
Wbp7	MmuINT0174682	chr7	31361798	31361892	-	0.038888
Wbp7	MmuINT0174684	chr7	31360644	31360871	-	0.026486
Wbp7	MmuINT0174685	chr7	31359257	31359343	-	0.086138
Wbp7	MmuINT0174686	chr7	31359086	31359166	-	0.048641
Wbp7	MmuINT0174687	chr7	31369826	31370012	-	0.018718
Wbp7	MmuINT0174688	chr7	31355861	31358978	-	0.65341
Wbp7	MmuINT0174689	chr7	31355648	31355719	-	0.177328
Wbp7	MmuINT0174690	chr7	31355488	31355572	-	0.100906
Wbp7	MmuINT0174691	chr7	31355065	31355309	-	0.058469
Wbp7	MmuINT0174692	chr7	31354861	31354956	-	0.034809
Wbp7	MmuINT0174693	chr7	31354665	31354776	-	0.028567
Wbp7	MmuINT0174694	chr7	31354456	31354534	-	0.043561
Wbp7	MmuINT0174695	chr7	31369619	31369711	-	0.108909
Wbp7	MmuINT0174696	chr7	31369216	31369467	-	0.051554
Wbp7	MmuINT0174697	chr7	31368775	31368935	-	0.120622
Wbp7	MmuINT0174698	chr7	31368482	31368718	-	0.12874
Wbp7	MmuINT0174699	chr7	31367902	31368202	-	0.035469
Wbp7	MmuINT0174700	chr7	31367526	31367806	-	0.148923
Wbscr16	MmuINT0174701	chr5	1.35E+08	1.35E+08	-	0.025786
Wbscr16	MmuINT0174702	chr5	1.35E+08	1.35E+08	-	0.013383
Wbscr16	MmuINT0174703	chr5	1.35E+08	1.35E+08	-	0.005501
Wbscr16	MmuINT0174704	chr5	1.35E+08	1.35E+08	-	0.018523
Wbscr16	MmuINT0174705	chr5	1.35E+08	1.35E+08	-	0.042103
Wbscr16	MmuINT0174706	chr5	1.35E+08	1.35E+08	-	0.028277
Wbscr16	MmuINT0174707	chr5	1.35E+08	1.35E+08	-	0.022093
Wbscr16	MmuINT0174708	chr5	1.35E+08	1.35E+08	-	0.010466
Wbscr16	MmuINT0174709	chr5	1.35E+08	1.35E+08	-	0.010945
Wbscr16	MmuINT0174710	chr5	1.35E+08	1.35E+08	-	0.010029
Wbscr17	MmuINT0174712	chr5	1.31E+08	1.31E+08	-	0.036832
Wbscr17	MmuINT0174715	chr5	1.32E+08	1.32E+08	-	0.036567
Wbscr22	MmuINT0174721	chr5	1.36E+08	1.36E+08	-	0.021173
Wbscr22	MmuINT0174722	chr5	1.36E+08	1.36E+08	-	0.063543
Wbscr22	MmuINT0174723	chr5	1.36E+08	1.36E+08	-	0.010619
Wbscr22	MmuINT0174724	chr5	1.36E+08	1.36E+08	-	0.107146
Wbscr22	MmuINT0174725	chr5	1.36E+08	1.36E+08	-	0.061317
Wbscr22	MmuINT0174726	chr5	1.36E+08	1.36E+08	-	0.086207
Wbscr22	MmuINT0174727	chr5	1.36E+08	1.36E+08	-	0.022507
Wbscr22	MmuINT0174728	chr5	1.36E+08	1.36E+08	-	0.017507
Wbscr22	MmuINT0174729	chr5	1.36E+08	1.36E+08	-	0.056863
Wbscr22	MmuINT0174730	chr5	1.36E+08	1.36E+08	-	0.017004
Wbscr22	MmuINT0174731	chr5	1.36E+08	1.36E+08	-	0.023918
Wdfy1	MmuINT0174743	chr1	79736705	79758138	-	0.018373
Wdfy1	MmuINT0174744	chr1	79702928	79704026	-	0.023417
Wdfy1	MmuINT0174745	chr1	79702146	79702818	-	0.017124
Wdfy1	MmuINT0174746	chr1	79730449	79736636	-	0.013216
Wdfy1	MmuINT0174750	chr1	79710539	79711448	-	0.01536
Wdfy1	MmuINT0174751	chr1	79705770	79710432	-	0.034824
Wdfy1	MmuINT0174752	chr1	79704158	79705667	-	0.01582
Wdfy2	MmuINT0174753	chr14	63456895	63504646	+	0.069214

Wdfy2	MmuINT0174754	chr14	63571980	63573697	+	0.132482
Wdfy2	MmuINT0174755	chr14	63573807	63575116	+	0.040141
Wdfy2	MmuINT0174757	chr14	63519166	63543966	+	0.045052
Wdfy2	MmuINT0174758	chr14	63544022	63549064	+	0.082665
Wdfy2	MmuINT0174759	chr14	63549216	63553126	+	0.060318
Wdfy2	MmuINT0174760	chr14	63553240	63562857	+	0.036087
Wdfy2	MmuINT0174761	chr14	63562985	63567479	+	0.042857
Wdfy2	MmuINT0174762	chr14	63567586	63570751	+	0.059334
Wdfy2	MmuINT0174763	chr14	63570854	63571848	+	0.227827
Wdfy3	MmuINT0174765	chr5	1.02E+08	1.02E+08	-	0.034131
Wdfy3	MmuINT0174768	chr5	1.02E+08	1.02E+08	-	0.056982
Wdfy3	MmuINT0174773	chr5	1.02E+08	1.02E+08	-	0.023862
Wdfy3	MmuINT0174789	chr5	1.02E+08	1.02E+08	-	0.037608
Wdfy3	MmuINT0174792	chr5	1.02E+08	1.02E+08	-	0.029256
Wdfy3	MmuINT0174793	chr5	1.02E+08	1.02E+08	-	0.026985
Wdfy3	MmuINT0174794	chr5	1.02E+08	1.02E+08	-	0.034611
Wdfy3	MmuINT0174798	chr5	1.02E+08	1.02E+08	-	0.020052
Wdfy3	MmuINT0174799	chr5	1.02E+08	1.02E+08	-	0.026143
Wdfy3	MmuINT0174800	chr5	1.02E+08	1.02E+08	-	0.024487
Wdfy3	MmuINT0174801	chr5	1.02E+08	1.02E+08	-	0.023617
Wdfy3	MmuINT0174803	chr5	1.02E+08	1.02E+08	-	0.017068
Wdfy3	MmuINT0174804	chr5	1.02E+08	1.02E+08	-	0.021221
Wdfy3	MmuINT0174805	chr5	1.02E+08	1.02E+08	-	0.024421
Wdfy3	MmuINT0174806	chr5	1.02E+08	1.02E+08	-	0.028267
Wdfy3	MmuINT0174807	chr5	1.02E+08	1.02E+08	-	0.038643
Wdfy3	MmuINT0174810	chr5	1.02E+08	1.02E+08	-	0.034316
Wdfy3	MmuINT0174811	chr5	1.02E+08	1.02E+08	-	0.020004
Wdfy3	MmuINT0174812	chr5	1.02E+08	1.02E+08	-	0.033398
Wdfy3	MmuINT0174813	chr5	1.02E+08	1.02E+08	-	0.024534
Wdfy3	MmuINT0174814	chr5	1.02E+08	1.02E+08	-	0.028657
Wdfy3	MmuINT0174815	chr5	1.02E+08	1.02E+08	-	0.030438
Wdfy3	MmuINT0174816	chr5	1.02E+08	1.02E+08	-	0.017971
Wdfy3	MmuINT0174817	chr5	1.02E+08	1.02E+08	-	0.016788
Wdfy3	MmuINT0174818	chr5	1.02E+08	1.02E+08	-	0.022051
Wdfy3	MmuINT0174820	chr5	1.02E+08	1.02E+08	-	0.019545
Wdfy3	MmuINT0174821	chr5	1.02E+08	1.02E+08	-	0.016502
Wdfy3	MmuINT0174822	chr5	1.02E+08	1.02E+08	-	0.028832
Wdfy3	MmuINT0174823	chr5	1.02E+08	1.02E+08	-	0.054073
Wdfy3	MmuINT0174824	chr5	1.02E+08	1.02E+08	-	0.050501
Wdfy3	MmuINT0174825	chr5	1.02E+08	1.02E+08	-	0.017112
Wdfy3	MmuINT0174826	chr5	1.02E+08	1.02E+08	-	0.029012
Wdfy3	MmuINT0174829	chr5	1.02E+08	1.02E+08	-	0.038923
Wdr1	MmuINT0174912	chr5	38952441	38952754	-	0.006976
Wdr1	MmuINT0174913	chr5	38924811	38926422	-	0.001687
Wdr1	MmuINT0174914	chr5	38922365	38924722	-	0.013534
Wdr1	MmuINT0174915	chr5	38921350	38922253	-	0.00328
Wdr1	MmuINT0174916	chr5	38920909	38921175	-	0.003307
Wdr1	MmuINT0174917	chr5	38919152	38920763	-	0.015014
Wdr1	MmuINT0174918	chr5	38942707	38952318	-	0.00397
Wdr1	MmuINT0174919	chr5	38938331	38942615	-	0.004944

Wdr1	MmuINT0174920	chr5	38937094	38938182	-	0.012508
Wdr1	MmuINT0174921	chr5	38932118	38936912	-	0.002172
Wdr1	MmuINT0174922	chr5	38931824	38932039	-	0.002507
Wdr1	MmuINT0174923	chr5	38931486	38931742	-	0.00204
Wdr1	MmuINT0174924	chr5	38928466	38931251	-	0.001471
Wdr1	MmuINT0174925	chr5	38926578	38928375	-	0.005082
Wdr11	MmuINT0174926	chr7	1.37E+08	1.37E+08	+	0.035436
Wdr11	MmuINT0174927	chr7	1.37E+08	1.37E+08	+	0.015207
Wdr11	MmuINT0174928	chr7	1.37E+08	1.37E+08	+	0.030779
Wdr11	MmuINT0174929	chr7	1.37E+08	1.37E+08	+	0.032954
Wdr11	MmuINT0174930	chr7	1.37E+08	1.37E+08	+	0.019717
Wdr11	MmuINT0174931	chr7	1.37E+08	1.37E+08	+	0.015896
Wdr11	MmuINT0174932	chr7	1.37E+08	1.37E+08	+	0.012066
Wdr11	MmuINT0174933	chr7	1.37E+08	1.37E+08	+	0.015798
Wdr11	MmuINT0174934	chr7	1.37E+08	1.37E+08	+	0.040041
Wdr11	MmuINT0174935	chr7	1.37E+08	1.37E+08	+	0.028397
Wdr11	MmuINT0174936	chr7	1.37E+08	1.37E+08	+	0.016339
Wdr11	MmuINT0174937	chr7	1.37E+08	1.37E+08	+	0.016601
Wdr11	MmuINT0174938	chr7	1.37E+08	1.37E+08	+	0.023331
Wdr11	MmuINT0174939	chr7	1.37E+08	1.37E+08	+	0.037031
Wdr11	MmuINT0174940	chr7	1.37E+08	1.37E+08	+	0.026993
Wdr11	MmuINT0174941	chr7	1.37E+08	1.37E+08	+	0.058258
Wdr11	MmuINT0174942	chr7	1.37E+08	1.37E+08	+	0.014665
Wdr11	MmuINT0174943	chr7	1.37E+08	1.37E+08	+	0.013527
Wdr11	MmuINT0174944	chr7	1.37E+08	1.37E+08	+	0.024869
Wdr11	MmuINT0174945	chr7	1.37E+08	1.37E+08	+	0.027559
Wdr11	MmuINT0174946	chr7	1.37E+08	1.37E+08	+	0.038376
Wdr11	MmuINT0174947	chr7	1.37E+08	1.37E+08	+	0.018299
Wdr11	MmuINT0174948	chr7	1.37E+08	1.37E+08	+	0.02708
Wdr11	MmuINT0174949	chr7	1.37E+08	1.37E+08	+	0.01551
Wdr11	MmuINT0174950	chr7	1.37E+08	1.37E+08	+	0.013709
Wdr11	MmuINT0174951	chr7	1.37E+08	1.37E+08	+	0.014428
Wdr11	MmuINT0174952	chr7	1.37E+08	1.37E+08	+	0.016625
Wdr11	MmuINT0174953	chr7	1.37E+08	1.37E+08	+	0.018799
Wdr13	MmuINT0174966	chrX	7708752	7709412	-	0.297695
Wdr13	MmuINT0174967	chrX	7707260	7707381	-	0.015955
Wdr13	MmuINT0174968	chrX	7706403	7707128	-	0.083739
Wdr13	MmuINT0174969	chrX	7705341	7706094	-	0.218599
Wdr13	MmuINT0174970	chrX	7705079	7705159	-	0.007922
Wdr13	MmuINT0174971	chrX	7703326	7704936	-	0.005862
Wdr13	MmuINT0174972	chrX	7702856	7703206	-	0.026367
Wdr18	MmuINT0175017	chr10	79423118	79423746	+	0.006268
Wdr18	MmuINT0175018	chr10	79423858	79427670	+	0.005898
Wdr18	MmuINT0175019	chr10	79427805	79427954	+	0.017118
Wdr18	MmuINT0175020	chr10	79428097	79428724	+	0.023656
Wdr18	MmuINT0175021	chr10	79428869	79428950	+	0.00795
Wdr18	MmuINT0175022	chr10	79429016	79429089	+	0.013843
Wdr18	MmuINT0175023	chr10	79429215	79429304	+	0.017291
Wdr18	MmuINT0175024	chr10	79429472	79430064	+	0.045496
Wdr18	MmuINT0175025	chr10	79430134	79430215	+	0.008304

Wdr20a	MmuINT0175063	chr12	1.12E+08	1.12E+08	+	0.097869
Wdr20b	MmuINT0175064	chr12	66328485	66329194	+	0.942562
Wdr24	MmuINT0175065	chr17	25961632	25962598	+	0.025094
Wdr24	MmuINT0175066	chr17	25962777	25962896	+	0.116545
Wdr24	MmuINT0175067	chr17	25963570	25963979	+	0.029195
Wdr24	MmuINT0175068	chr17	25964099	25964179	+	0.036052
Wdr24	MmuINT0175069	chr17	25964302	25964372	+	0.1328
Wdr24	MmuINT0175070	chr17	25964478	25964597	+	0.041488
Wdr24	MmuINT0175071	chr17	25964939	25965098	+	0.019817
Wdr24	MmuINT0175072	chr17	25965284	25965359	+	0.030081
Wdr25	MmuINT0175074	chr12	1.1E+08	1.1E+08	+	0.046846
Wdr25	MmuINT0175075	chr12	1.1E+08	1.1E+08	+	0.055337
Wdr25	MmuINT0175076	chr12	1.1E+08	1.1E+08	+	0.04922
Wdr25	MmuINT0175077	chr12	1.1E+08	1.1E+08	+	0.039739
Wdr25	MmuINT0175078	chr12	1.1E+08	1.1E+08	+	0.049689
Wdr26	MmuINT0175079	chr1	1.83E+08	1.83E+08	-	0.006021
Wdr26	MmuINT0175080	chr1	1.83E+08	1.83E+08	-	0.010773
Wdr26	MmuINT0175081	chr1	1.83E+08	1.83E+08	-	0.004072
Wdr26	MmuINT0175082	chr1	1.83E+08	1.83E+08	-	0.015593
Wdr26	MmuINT0175083	chr1	1.83E+08	1.83E+08	-	0.079442
Wdr26	MmuINT0175084	chr1	1.83E+08	1.83E+08	-	0.007126
Wdr26	MmuINT0175085	chr1	1.83E+08	1.83E+08	-	0.040172
Wdr26	MmuINT0175086	chr1	1.83E+08	1.83E+08	-	0.014492
Wdr26	MmuINT0175088	chr1	1.83E+08	1.83E+08	-	0.002694
Wdr26	MmuINT0175089	chr1	1.83E+08	1.83E+08	-	0.002608
Wdr26	MmuINT0175090	chr1	1.83E+08	1.83E+08	-	0.002415
Wdr26	MmuINT0175091	chr1	1.83E+08	1.83E+08	-	0.003235
Wdr3	MmuINT0175116	chr3	99965146	99966266	-	0.051401
Wdr3	MmuINT0175117	chr3	99955117	99955830	-	0.028703
Wdr3	MmuINT0175118	chr3	99953884	99954885	-	0.029232
Wdr3	MmuINT0175119	chr3	99952130	99953789	-	0.031704
Wdr3	MmuINT0175120	chr3	99950710	99952027	-	0.028712
Wdr3	MmuINT0175121	chr3	99950491	99950623	-	0.029343
Wdr3	MmuINT0175122	chr3	99949615	99950354	-	0.038321
Wdr3	MmuINT0175123	chr3	99948583	99949557	-	0.038617
Wdr3	MmuINT0175124	chr3	99948354	99948481	-	0.042869
Wdr3	MmuINT0175125	chr3	99947751	99948241	-	0.028317
Wdr3	MmuINT0175126	chr3	99947377	99947615	-	0.044251
Wdr3	MmuINT0175127	chr3	99963899	99964942	-	0.057513
Wdr3	MmuINT0175128	chr3	99946469	99946877	-	0.077559
Wdr3	MmuINT0175129	chr3	99946184	99946375	-	0.108681
Wdr3	MmuINT0175130	chr3	99945522	99946135	-	0.204294
Wdr3	MmuINT0175131	chr3	99944231	99945477	-	0.110629
Wdr3	MmuINT0175132	chr3	99943076	99944101	-	0.037207
Wdr3	MmuINT0175133	chr3	99942766	99942981	-	0.020115
Wdr3	MmuINT0175134	chr3	99961366	99963688	-	0.023615
Wdr3	MmuINT0175135	chr3	99960382	99961246	-	0.030635
Wdr3	MmuINT0175136	chr3	99958942	99960302	-	0.027283
Wdr3	MmuINT0175137	chr3	99957899	99958845	-	0.021524
Wdr3	MmuINT0175138	chr3	99957571	99957784	-	0.020764

Wdr3	MmuINT0175139	chr3	99956828	99957468	-	0.031282
Wdr3	MmuINT0175140	chr3	99955936	99956729	-	0.03586
Wdr33	MmuINT0175151	chr18	31963909	31986915	+	0.00304
Wdr33	MmuINT0175152	chr18	31987143	31988885	+	0.003825
Wdr33	MmuINT0175153	chr18	31988955	31989528	+	0.004274
Wdr33	MmuINT0175154	chr18	31989634	31992963	+	0.00317
Wdr33	MmuINT0175155	chr18	31993389	31995037	+	0.675572
Wdr33	MmuINT0175157	chr18	32039671	32040825	+	0.02773
Wdr33	MmuINT0175158	chr18	32040937	32045029	+	0.017165
Wdr33	MmuINT0175159	chr18	32045125	32045670	+	0.01564
Wdr33	MmuINT0175160	chr18	32045758	32046308	+	0.018276
Wdr33	MmuINT0175161	chr18	32046449	32047350	+	0.022916
Wdr33	MmuINT0175162	chr18	32047504	32047723	+	0.01687
Wdr33	MmuINT0175163	chr18	32048795	32052643	+	0.027179
Wdr33	MmuINT0175164	chr18	32052753	32056254	+	0.027879
Wdr33	MmuINT0175165	chr18	32056691	32061977	+	0.033479
Wdr33	MmuINT0175166	chr18	32062142	32062235	+	0.043913
Wdr33	MmuINT0175167	chr18	32062332	32063889	+	0.026509
Wdr33	MmuINT0175168	chr18	32064106	32066419	+	0.071171
Wdr33	MmuINT0175170	chr18	32037805	32039324	+	0.015246
Wdr33	MmuINT0175171	chr18	32039480	32039591	+	0.023146
Wdr34	MmuINT0175172	chr2	29893947	29904203	-	0.033244
Wdr34	MmuINT0175173	chr2	29890393	29893694	-	0.066218
Wdr34	MmuINT0175174	chr2	29889484	29890282	-	0.057178
Wdr34	MmuINT0175175	chr2	29888904	29889325	-	0.052844
Wdr34	MmuINT0175176	chr2	29888438	29888793	-	0.047514
Wdr34	MmuINT0175177	chr2	29888155	29888269	-	0.017513
Wdr34	MmuINT0175178	chr2	29887751	29887921	-	0.060104
Wdr34	MmuINT0175179	chr2	29887493	29887592	-	0.035861
Wdr35	MmuINT0175181	chr12	8980986	8981739	+	0.039662
Wdr35	MmuINT0175184	chr12	9002936	9010802	+	0.036194
Wdr35	MmuINT0175188	chr12	9014918	9015284	+	0.021842
Wdr35	MmuINT0175189	chr12	9015496	9019466	+	0.033077
Wdr35	MmuINT0175190	chr12	9019548	9022775	+	0.02507
Wdr35	MmuINT0175191	chr12	9022913	9023242	+	0.024664
Wdr35	MmuINT0175193	chr12	9023447	9024891	+	0.042032
Wdr35	MmuINT0175194	chr12	9025039	9026683	+	0.028519
Wdr35	MmuINT0175195	chr12	9026817	9028535	+	0.022741
Wdr35	MmuINT0175196	chr12	9028647	9029524	+	0.031437
Wdr35	MmuINT0175197	chr12	9029690	9030999	+	0.036613
Wdr35	MmuINT0175198	chr12	9031141	9031691	+	0.044204
Wdr35	MmuINT0175199	chr12	9031849	9034288	+	0.017972
Wdr35	MmuINT0175200	chr12	9034530	9034811	+	0.010313
Wdr35	MmuINT0175201	chr12	8984241	8985403	+	0.037757
Wdr35	MmuINT0175202	chr12	8985497	8987837	+	0.038713
Wdr35	MmuINT0175203	chr12	8987967	8989566	+	0.020132
Wdr35	MmuINT0175204	chr12	8989701	8992434	+	0.041854
Wdr35	MmuINT0175205	chr12	8992601	8992772	+	0.034183
Wdr35	MmuINT0175206	chr12	8992919	8994083	+	0.043722
Wdr35	MmuINT0175207	chr12	8994210	8996710	+	0.042375



Wdr36	MmuINT0175208	chr18	32997213	32999085	+	0.009875
Wdr36	MmuINT0175209	chr18	33008016	33008726	+	0.016853
Wdr36	MmuINT0175210	chr18	33008814	33010040	+	0.007281
Wdr36	MmuINT0175211	chr18	33010190	33011634	+	0.007022
Wdr36	MmuINT0175212	chr18	33011750	33012138	+	0.008935
Wdr36	MmuINT0175213	chr18	33012305	33012517	+	0.027118
Wdr36	MmuINT0175214	chr18	33014514	33018873	+	0.034851
Wdr36	MmuINT0175215	chr18	33018982	33020680	+	0.01451
Wdr36	MmuINT0175216	chr18	33020779	33021155	+	0.010944
Wdr36	MmuINT0175217	chr18	33021302	33022578	+	0.014392
Wdr36	MmuINT0175218	chr18	32999114	33000696	+	0.014067
Wdr36	MmuINT0175219	chr18	33022699	33022834	+	0.009879
Wdr36	MmuINT0175220	chr18	33022917	33024306	+	0.010539
Wdr36	MmuINT0175221	chr18	33024495	33025506	+	0.025567
Wdr36	MmuINT0175222	chr18	33025573	33025841	+	0.810968
Wdr36	MmuINT0175223	chr18	33000798	33001550	+	0.015335
Wdr36	MmuINT0175224	chr18	33001669	33003415	+	0.015682
Wdr36	MmuINT0175225	chr18	33003549	33005244	+	0.022719
Wdr36	MmuINT0175226	chr18	33005300	33006483	+	0.01931
Wdr36	MmuINT0175227	chr18	33006617	33006795	+	0.012438
Wdr36	MmuINT0175228	chr18	33006972	33007242	+	0.014042
Wdr36	MmuINT0175229	chr18	33007364	33007949	+	0.011517
Wdr37	MmuINT0175231	chr13	8834685	8836028	-	0.015965
Wdr37	MmuINT0175232	chr13	8819792	8834542	-	0.014803
Wdr37	MmuINT0175233	chr13	8819224	8819656	-	0.012121
Wdr37	MmuINT0175234	chr13	8805193	8819108	-	0.0269
Wdr37	MmuINT0175235	chr13	8846933	8848779	-	0.033634
Wdr37	MmuINT0175236	chr13	8844078	8846860	-	0.046464
Wdr37	MmuINT0175237	chr13	8842053	8844032	-	0.020326
Wdr37	MmuINT0175238	chr13	8836270	8841975	-	0.020371
Wdr37	MmuINT0175239	chr13	8860512	8870115	-	0.03657
Wdr37	MmuINT0175240	chr13	8856175	8860333	-	0.009536
Wdr37	MmuINT0175241	chr13	8853342	8856077	-	0.011759
Wdr4	MmuINT0175250	chr17	31647592	31649111	-	0.072677
Wdr4	MmuINT0175251	chr17	31633874	31635442	-	0.046811
Wdr4	MmuINT0175252	chr17	31646858	31647522	-	0.057399
Wdr4	MmuINT0175253	chr17	31640612	31646713	-	0.152711
Wdr4	MmuINT0175254	chr17	31639829	31640454	-	0.080083
Wdr4	MmuINT0175255	chr17	31638221	31639715	-	0.078668
Wdr4	MmuINT0175256	chr17	31637658	31638159	-	0.072349
Wdr4	MmuINT0175257	chr17	31636819	31637558	-	0.044151
Wdr4	MmuINT0175258	chr17	31636118	31636753	-	0.079802
Wdr4	MmuINT0175259	chr17	31635513	31635933	-	0.030081
Wdr41	MmuINT0175260	chr13	95746545	95748424	+	0.021951
Wdr41	MmuINT0175261	chr13	95787404	95788071	+	0.0129
Wdr41	MmuINT0175262	chr13	95788161	95788786	+	0.017584
Wdr41	MmuINT0175263	chr13	95788921	95791624	+	0.009274
Wdr41	MmuINT0175264	chr13	95748541	95765204	+	0.009848
Wdr41	MmuINT0175265	chr13	95765254	95767010	+	0.012695
Wdr41	MmuINT0175266	chr13	95767143	95769820	+	0.017315

Wdr41	MmuINT0175267	chr13	95769884	95775685	+	0.039372
Wdr41	MmuINT0175268	chr13	95775798	95778762	+	0.012632
Wdr41	MmuINT0175269	chr13	95778826	95780239	+	0.012385
Wdr41	MmuINT0175270	chr13	95780351	95784985	+	0.009015
Wdr41	MmuINT0175271	chr13	95785171	95787281	+	0.009788
Wdr43	MmuINT0175272	chr17	71965826	71974692	+	0.012855
Wdr43	MmuINT0175273	chr17	71990759	71992044	+	0.072726
Wdr43	MmuINT0175274	chr17	71992174	71998112	+	0.014855
Wdr43	MmuINT0175275	chr17	71998200	71999356	+	0.019927
Wdr43	MmuINT0175276	chr17	71999389	71999907	+	0.022087
Wdr43	MmuINT0175277	chr17	71999972	72002120	+	0.017876
Wdr43	MmuINT0175278	chr17	72002235	72002792	+	0.018026
Wdr43	MmuINT0175279	chr17	72002863	72006680	+	0.024056
Wdr43	MmuINT0175280	chr17	72006731	72006815	+	0.015366
Wdr43	MmuINT0175281	chr17	71974831	71976112	+	0.012861
Wdr43	MmuINT0175282	chr17	71976235	71979500	+	0.011035
Wdr43	MmuINT0175283	chr17	71979622	71981344	+	0.012895
Wdr43	MmuINT0175284	chr17	71981482	71982963	+	0.013388
Wdr43	MmuINT0175285	chr17	71983067	71985896	+	0.019512
Wdr43	MmuINT0175286	chr17	71985962	71987648	+	0.022447
Wdr43	MmuINT0175287	chr17	71987821	71989573	+	0.016643
Wdr43	MmuINT0175288	chr17	71989661	71990626	+	0.091261
Wdr44	MmuINT0175289	chrX	23270666	23309443	+	0.037619
Wdr44	MmuINT0175290	chrX	23355902	23357928	+	0.036565
Wdr44	MmuINT0175291	chrX	23358068	23360413	+	0.03483
Wdr44	MmuINT0175292	chrX	23360479	23365177	+	0.045557
Wdr44	MmuINT0175293	chrX	23365292	23373109	+	0.028871
Wdr44	MmuINT0175294	chrX	23373233	23377495	+	0.020867
Wdr44	MmuINT0175295	chrX	23377688	23377859	+	0.028473
Wdr44	MmuINT0175296	chrX	23377962	23378165	+	0.021577
Wdr44	MmuINT0175297	chrX	23378282	23379440	+	0.09899
Wdr44	MmuINT0175299	chrX	23381030	23382014	+	0.022629
Wdr44	MmuINT0175300	chrX	23309478	23327031	+	0.045973
Wdr44	MmuINT0175301	chrX	23327107	23333565	+	0.044523
Wdr44	MmuINT0175302	chrX	23334212	23335220	+	0.025268
Wdr44	MmuINT0175303	chrX	23335352	23336308	+	0.031962
Wdr44	MmuINT0175304	chrX	23336405	23338529	+	0.036498
Wdr44	MmuINT0175305	chrX	23338667	23339402	+	0.027659
Wdr44	MmuINT0175306	chrX	23339487	23347015	+	0.038643
Wdr44	MmuINT0175307	chrX	23347123	23355749	+	0.034633
Wdr45	MmuINT0175308	chrX	7299505	7300978	+	0.15157
Wdr45	MmuINT0175309	chrX	7304619	7304875	+	0.026721
Wdr45	MmuINT0175310	chrX	7301047	7301149	+	0.006776
Wdr45	MmuINT0175311	chrX	7301225	7301312	+	0.006399
Wdr45	MmuINT0175312	chrX	7301418	7303056	+	0.083751
Wdr45	MmuINT0175313	chrX	7303163	7303323	+	0.046734
Wdr45	MmuINT0175314	chrX	7303419	7303811	+	0.05839
Wdr45	MmuINT0175315	chrX	7303892	7304003	+	0.012441
Wdr45	MmuINT0175316	chrX	7304213	7304295	+	0.005892
Wdr45	MmuINT0175317	chrX	7304398	7304472	+	0.009015

Wdr45l	MmulINT0175318	chr11	1.21E+08	1.21E+08	-	0.000564
Wdr45l	MmulINT0175319	chr11	1.21E+08	1.21E+08	-	0.005354
Wdr45l	MmulINT0175320	chr11	1.21E+08	1.21E+08	-	0.006402
Wdr45l	MmulINT0175321	chr11	1.21E+08	1.21E+08	-	0.00731
Wdr45l	MmulINT0175322	chr11	1.21E+08	1.21E+08	-	0.001796
Wdr45l	MmulINT0175325	chr11	1.21E+08	1.21E+08	-	0.004585
Wdr46	MmulINT0175327	chr17	34077752	34077829	+	0.023987
Wdr46	MmulINT0175328	chr17	34081527	34085164	+	0.061675
Wdr46	MmulINT0175329	chr17	34085479	34085587	+	0.064744
Wdr46	MmulINT0175330	chr17	34085683	34085780	+	0.032
Wdr46	MmulINT0175331	chr17	34085877	34086017	+	0.024019
Wdr46	MmulINT0175332	chr17	34086132	34086222	+	0.016071
Wdr46	MmulINT0175333	chr17	34078037	34078136	+	0.029564
Wdr46	MmulINT0175334	chr17	34078218	34078350	+	0.040887
Wdr46	MmulINT0175335	chr17	34078464	34078577	+	0.024436
Wdr46	MmulINT0175336	chr17	34078666	34078766	+	0.029185
Wdr46	MmulINT0175337	chr17	34078829	34080290	+	0.030314
Wdr46	MmulINT0175338	chr17	34080396	34080502	+	0.018753
Wdr46	MmulINT0175339	chr17	34080654	34080745	+	0.019164
Wdr46	MmulINT0175340	chr17	34080882	34081426	+	0.027652
Wdr47	MmulINT0175342	chr3	1.08E+08	1.08E+08	+	0.031004
Wdr47	MmulINT0175343	chr3	1.08E+08	1.08E+08	+	0.030085
Wdr47	MmulINT0175344	chr3	1.08E+08	1.08E+08	+	0.043123
Wdr47	MmulINT0175345	chr3	1.08E+08	1.08E+08	+	0.022756
Wdr47	MmulINT0175346	chr3	1.08E+08	1.08E+08	+	0.186669
Wdr47	MmulINT0175350	chr3	1.08E+08	1.08E+08	+	0.029709
Wdr47	MmulINT0175351	chr3	1.08E+08	1.08E+08	+	0.044535
Wdr47	MmulINT0175352	chr3	1.08E+08	1.08E+08	+	0.042478
Wdr47	MmulINT0175353	chr3	1.08E+08	1.08E+08	+	0.023216
Wdr47	MmulINT0175354	chr3	1.08E+08	1.08E+08	+	0.040342
Wdr48	MmulINT0175355	chr9	1.2E+08	1.2E+08	+	0.012726
Wdr48	MmulINT0175356	chr9	1.2E+08	1.2E+08	+	0.020204
Wdr48	MmulINT0175357	chr9	1.2E+08	1.2E+08	+	0.011875
Wdr48	MmulINT0175358	chr9	1.2E+08	1.2E+08	+	0.026911
Wdr48	MmulINT0175359	chr9	1.2E+08	1.2E+08	+	0.058273
Wdr48	MmulINT0175360	chr9	1.2E+08	1.2E+08	+	0.036755
Wdr48	MmulINT0175361	chr9	1.2E+08	1.2E+08	+	0.083616
Wdr48	MmulINT0175362	chr9	1.2E+08	1.2E+08	+	0.098838
Wdr48	MmulINT0175363	chr9	1.2E+08	1.2E+08	+	0.08441
Wdr48	MmulINT0175364	chr9	1.2E+08	1.2E+08	+	0.175542
Wdr48	MmulINT0175365	chr9	1.2E+08	1.2E+08	+	0.010893
Wdr48	MmulINT0175366	chr9	1.2E+08	1.2E+08	+	0.017822
Wdr48	MmulINT0175367	chr9	1.2E+08	1.2E+08	+	0.020067
Wdr48	MmulINT0175368	chr9	1.2E+08	1.2E+08	+	0.010102
Wdr48	MmulINT0175369	chr9	1.2E+08	1.2E+08	+	0.011394
Wdr48	MmulINT0175370	chr9	1.2E+08	1.2E+08	+	0.010692
Wdr48	MmulINT0175371	chr9	1.2E+08	1.2E+08	+	0.010414
Wdr48	MmulINT0175372	chr9	1.2E+08	1.2E+08	+	0.017277
Wdr5	MmulINT0175373	chr2	27370801	27374148	+	0.013437
Wdr5	MmulINT0175374	chr2	27387235	27388512	+	0.042847

Wdr5	MmuINT0175375	chr2	27388547	27388856	+	0.034723
Wdr5	MmuINT0175376	chr2	27388932	27389287	+	0.010565
Wdr5	MmuINT0175377	chr2	27389376	27390276	+	0.015711
Wdr5	MmuINT0175378	chr2	27374313	27374868	+	0.009408
Wdr5	MmuINT0175379	chr2	27374978	27375262	+	0.014067
Wdr5	MmuINT0175380	chr2	27375337	27375846	+	0.012593
Wdr5	MmuINT0175381	chr2	27375937	27376092	+	0.016051
Wdr5	MmuINT0175382	chr2	27376183	27376347	+	0.027434
Wdr5	MmuINT0175383	chr2	27376432	27380625	+	0.013512
Wdr5	MmuINT0175384	chr2	27380682	27383793	+	0.046385
Wdr5	MmuINT0175385	chr2	27383841	27387158	+	0.027486
Wdr53	MmuINT0175420	chr16	32247612	32251908	+	0.104439
Wdr53	MmuINT0175421	chr16	32252405	32256544	+	0.035195
Wdr55	MmuINT0175431	chr18	36920135	36921630	+	0.019613
Wdr55	MmuINT0175432	chr18	36921732	36921819	+	0.015872
Wdr55	MmuINT0175433	chr18	36921908	36922008	+	0.012766
Wdr55	MmuINT0175434	chr18	36922189	36922311	+	0.013251
Wdr55	MmuINT0175435	chr18	36922412	36922502	+	0.041805
Wdr55	MmuINT0175436	chr18	36922673	36922745	+	0.011615
Wdr59	MmuINT0175442	chr8	1.14E+08	1.14E+08	-	0.028005
Wdr59	MmuINT0175443	chr8	1.14E+08	1.14E+08	-	0.026121
Wdr59	MmuINT0175444	chr8	1.14E+08	1.14E+08	-	0.029987
Wdr59	MmuINT0175445	chr8	1.14E+08	1.14E+08	-	0.029735
Wdr59	MmuINT0175446	chr8	1.14E+08	1.14E+08	-	0.038701
Wdr59	MmuINT0175447	chr8	1.14E+08	1.14E+08	-	0.209202
Wdr59	MmuINT0175448	chr8	1.14E+08	1.14E+08	-	0.032168
Wdr59	MmuINT0175449	chr8	1.14E+08	1.14E+08	-	0.039612
Wdr59	MmuINT0175450	chr8	1.14E+08	1.14E+08	-	0.040056
Wdr59	MmuINT0175451	chr8	1.14E+08	1.14E+08	-	0.049171
Wdr59	MmuINT0175452	chr8	1.14E+08	1.14E+08	-	0.055618
Wdr59	MmuINT0175453	chr8	1.14E+08	1.14E+08	-	0.036565
Wdr59	MmuINT0175456	chr8	1.14E+08	1.14E+08	-	0.024887
Wdr59	MmuINT0175457	chr8	1.14E+08	1.14E+08	-	0.002833
Wdr59	MmuINT0175458	chr8	1.14E+08	1.14E+08	-	0.037548
Wdr59	MmuINT0175459	chr8	1.14E+08	1.14E+08	-	0.027036
Wdr59	MmuINT0175460	chr8	1.14E+08	1.14E+08	-	0.058088
Wdr59	MmuINT0175462	chr8	1.14E+08	1.14E+08	-	0.04723
Wdr59	MmuINT0175463	chr8	1.14E+08	1.14E+08	-	0.041548
Wdr59	MmuINT0175464	chr8	1.14E+08	1.14E+08	-	0.04576
Wdr59	MmuINT0175465	chr8	1.14E+08	1.14E+08	-	0.038321
Wdr6	MmuINT0175466	chr9	1.08E+08	1.08E+08	-	0.046671
Wdr6	MmuINT0175467	chr9	1.08E+08	1.08E+08	-	0.027836
Wdr6	MmuINT0175468	chr9	1.08E+08	1.08E+08	-	0.032842
Wdr6	MmuINT0175469	chr9	1.08E+08	1.08E+08	-	0.022283
Wdr6	MmuINT0175470	chr9	1.08E+08	1.08E+08	-	0.035671
Wdr60	MmuINT0175484	chr12	1.17E+08	1.17E+08	-	0.091395
Wdr61	MmuINT0175493	chr9	54565243	54567057	-	0.05009
Wdr61	MmuINT0175494	chr9	54578469	54579193	-	0.007683
Wdr61	MmuINT0175495	chr9	54575569	54575976	-	0.006008
Wdr61	MmuINT0175496	chr9	54572282	54575395	-	0.012667

Wdr61	MmuINT0175497	chr9	54571952	54572132	-	0.01431
Wdr61	MmuINT0175498	chr9	54570735	54571857	-	0.016335
Wdr61	MmuINT0175499	chr9	54568160	54570640	-	0.030934
Wdr61	MmuINT0175500	chr9	54567137	54568066	-	0.009168
Wdr67	MmuINT0175605	chr15	57795480	57799463	+	0.115904
Wdr67	MmuINT0175606	chr15	57799560	57801278	+	0.054967
Wdr67	MmuINT0175612	chr15	57784544	57785042	+	0.050342
Wdr67	MmuINT0175613	chr15	57785196	57786827	+	0.067048
Wdr67	MmuINT0175621	chr15	57769658	57772177	+	0.05451
Wdr7	MmuINT0175638	chr18	63899008	63899680	+	0.020694
Wdr7	MmuINT0175639	chr18	63899902	63914689	+	0.023681
Wdr7	MmuINT0175640	chr18	63914886	63920224	+	0.027205
Wdr7	MmuINT0175641	chr18	63920440	63937181	+	0.018561
Wdr7	MmuINT0175642	chr18	63937952	63939522	+	0.026007
Wdr7	MmuINT0175645	chr18	63953998	63955811	+	0.027808
Wdr7	MmuINT0175646	chr18	63955936	63984778	+	0.03625
Wdr7	MmuINT0175648	chr18	63984893	64024938	+	0.023683
Wdr7	MmuINT0175649	chr18	64025161	64063683	+	0.019013
Wdr7	MmuINT0175650	chr18	64063871	64084465	+	0.023507
Wdr7	MmuINT0175651	chr18	64084584	64086232	+	0.018655
Wdr7	MmuINT0175653	chr18	64087003	64095502	+	0.034455
Wdr7	MmuINT0175654	chr18	64095603	64138973	+	0.020506
Wdr7	MmuINT0175655	chr18	64139079	64146809	+	0.035016
Wdr7	MmuINT0175657	chr18	63883854	63887272	+	0.0386
Wdr70	MmuINT0175664	chr15	7874308	7926967	-	0.050605
Wdr70	MmuINT0175666	chr15	7870626	7872068	-	0.034385
Wdr70	MmuINT0175667	chr15	7839177	7870486	-	0.046439
Wdr70	MmuINT0175668	chr15	7837409	7839075	-	0.096653
Wdr70	MmuINT0175669	chr15	7835680	7837328	-	0.056854
Wdr70	MmuINT0175670	chr15	7834444	7835562	-	0.037286
Wdr70	MmuINT0175671	chr15	7823254	7834280	-	0.070967
Wdr70	MmuINT0175673	chr15	8032583	8043675	-	0.062503
Wdr70	MmuINT0175674	chr15	8029365	8032461	-	0.050676
Wdr70	MmuINT0175676	chr15	7992845	7996429	-	0.04584
Wdr70	MmuINT0175677	chr15	7985885	7992710	-	0.041473
Wdr70	MmuINT0175678	chr15	7969666	7985730	-	0.048857
Wdr70	MmuINT0175679	chr15	7927143	7969588	-	0.059915
Wdr73	MmuINT0175699	chr7	88045598	88046070	-	0.461291
Wdr73	MmuINT0175700	chr7	88043478	88045233	-	0.072018
Wdr73	MmuINT0175701	chr7	88042874	88043388	-	0.051211
Wdr73	MmuINT0175702	chr7	88038700	88042808	-	0.078786
Wdr73	MmuINT0175703	chr7	88038228	88038534	-	0.036503
Wdr73	MmuINT0175704	chr7	88036796	88037861	-	0.18165
Wdr74	MmuINT0175705	chr19	8810396	8810476	+	0.011996
Wdr74	MmuINT0175706	chr19	8814643	8814891	+	0.0201
Wdr74	MmuINT0175707	chr19	8810584	8810665	+	0.052109
Wdr74	MmuINT0175708	chr19	8810788	8812143	+	0.052184
Wdr74	MmuINT0175709	chr19	8812220	8812337	+	0.048989
Wdr74	MmuINT0175710	chr19	8812485	8812642	+	0.035286
Wdr74	MmuINT0175711	chr19	8812745	8813755	+	0.02705

Wdr74	MmuINT0175712	chr19	8813857	8813936	+	0.078983
Wdr74	MmuINT0175713	chr19	8813993	8814308	+	0.080611
Wdr74	MmuINT0175714	chr19	8814455	8814585	+	0.014234
Wdr75	MmuINT0175715	chr1	45852450	45855860	+	0.019912
Wdr75	MmuINT0175716	chr1	45869950	45870034	+	0.03125
Wdr75	MmuINT0175717	chr1	45870151	45871385	+	0.018258
Wdr75	MmuINT0175718	chr1	45871562	45873321	+	0.032072
Wdr75	MmuINT0175719	chr1	45873480	45874107	+	0.018813
Wdr75	MmuINT0175720	chr1	45874289	45875014	+	0.010956
Wdr75	MmuINT0175721	chr1	45875110	45875666	+	0.029974
Wdr75	MmuINT0175722	chr1	45875763	45876333	+	0.034476
Wdr75	MmuINT0175723	chr1	45876504	45876975	+	0.022938
Wdr75	MmuINT0175724	chr1	45877036	45879292	+	0.05586
Wdr75	MmuINT0175725	chr1	45879440	45879727	+	0.019607
Wdr75	MmuINT0175726	chr1	45855991	45858005	+	0.014082
Wdr75	MmuINT0175727	chr1	45879820	45880152	+	0.027339
Wdr75	MmuINT0175728	chr1	45858072	45858883	+	0.039787
Wdr75	MmuINT0175729	chr1	45858975	45860721	+	0.060127
Wdr75	MmuINT0175730	chr1	45860847	45862221	+	0.052283
Wdr75	MmuINT0175731	chr1	45862293	45863517	+	0.045721
Wdr75	MmuINT0175732	chr1	45863638	45864515	+	0.016774
Wdr75	MmuINT0175733	chr1	45864605	45868885	+	0.020704
Wdr75	MmuINT0175734	chr1	45869045	45869889	+	0.015305
Wdr77	MmuINT0175748	chr3	1.06E+08	1.06E+08	+	0.006789
Wdr77	MmuINT0175749	chr3	1.06E+08	1.06E+08	+	0.020656
Wdr77	MmuINT0175750	chr3	1.06E+08	1.06E+08	+	0.016069
Wdr77	MmuINT0175751	chr3	1.06E+08	1.06E+08	+	0.003465
Wdr77	MmuINT0175753	chr3	1.06E+08	1.06E+08	+	0.06643
Wdr77	MmuINT0175754	chr3	1.06E+08	1.06E+08	+	0.007965
Wdr8	MmuINT0175771	chr4	1.54E+08	1.54E+08	+	0.027354
Wdr8	MmuINT0175772	chr4	1.54E+08	1.54E+08	+	0.196767
Wdr8	MmuINT0175773	chr4	1.54E+08	1.54E+08	+	0.094689
Wdr8	MmuINT0175774	chr4	1.54E+08	1.54E+08	+	0.02994
Wdr8	MmuINT0175775	chr4	1.54E+08	1.54E+08	+	0.036085
Wdr8	MmuINT0175776	chr4	1.54E+08	1.54E+08	+	0.06744
Wdr8	MmuINT0175777	chr4	1.54E+08	1.54E+08	+	0.081138
Wdr8	MmuINT0175778	chr4	1.54E+08	1.54E+08	+	0.12618
Wdr8	MmuINT0175779	chr4	1.54E+08	1.54E+08	+	0.053013
Wdr8	MmuINT0175780	chr4	1.54E+08	1.54E+08	+	0.17472
Wdr8	MmuINT0175781	chr4	1.54E+08	1.54E+08	+	0.104681
Wdr81	MmuINT0175782	chr11	75263406	75264295	-	0.037314
Wdr81	MmuINT0175783	chr11	75263039	75263297	-	0.060354
Wdr81	MmuINT0175784	chr11	75262718	75262847	-	0.028083
Wdr81	MmuINT0175785	chr11	75261791	75262526	-	0.065473
Wdr81	MmuINT0175786	chr11	75261532	75261624	-	0.037623
Wdr81	MmuINT0175787	chr11	75259596	75261365	-	0.264054
Wdr81	MmuINT0175788	chr11	75258346	75258905	-	0.076591
Wdr81	MmuINT0175789	chr11	75257937	75258199	-	0.049375
Wdr81	MmuINT0175790	chr11	75255592	75257756	-	0.073783
Wdr82	MmuINT0175791	chr9	1.06E+08	1.06E+08	+	0.014877

Wdr82	MmuINT0175792	chr9	1.06E+08	1.06E+08	+	0.061597
Wdr82	MmuINT0175793	chr9	1.06E+08	1.06E+08	+	0.052664
Wdr82	MmuINT0175794	chr9	1.06E+08	1.06E+08	+	0.020775
Wdr82	MmuINT0175795	chr9	1.06E+08	1.06E+08	+	0.017792
Wdr82	MmuINT0175796	chr9	1.06E+08	1.06E+08	+	0.014909
Wdr82	MmuINT0175797	chr9	1.06E+08	1.06E+08	+	0.009973
Wdr82	MmuINT0175798	chr9	1.06E+08	1.06E+08	+	0.0071
Wdr83	MmuINT0175799	chr8	87604333	87604411	-	0.011796
Wdr83	MmuINT0175800	chr8	87604125	87604211	-	0.007419
Wdr83	MmuINT0175801	chr8	87603737	87604018	-	0.089695
Wdr83	MmuINT0175802	chr8	87603607	87603687	-	0.012343
Wdr83	MmuINT0175803	chr8	87600184	87603479	-	0.031819
Wdr83	MmuINT0175804	chr8	87600032	87600115	-	0.047298
Wdr83	MmuINT0175805	chr8	87599837	87599922	-	0.023985
Wdr83	MmuINT0175806	chr8	87599243	87599721	-	0.017369
Wdr85	MmuINT0175807	chr2	24818146	24818542	+	0.265884
Wdr85	MmuINT0175810	chr2	24821175	24822021	+	0.050905
Wdr85	MmuINT0175811	chr2	24822195	24824404	+	0.127068
Wdr85	MmuINT0175812	chr2	24824475	24824569	+	0.076986
Wdr85	MmuINT0175813	chr2	24824636	24825025	+	0.155959
Wdr85	MmuINT0175814	chr2	24825199	24827042	+	0.131935
Wdr90	MmuINT0175851	chr17	25982860	25982943	-	0.07318
Wdr90	MmuINT0175852	chr17	25982644	25982715	-	0.359407
Wdr90	MmuINT0175855	chr17	25982171	25982319	-	0.087746
Wdr91	MmuINT0175861	chr6	34859541	34860696	-	0.030568
Wdr91	MmuINT0175862	chr6	34839123	34839236	-	0.020318
Wdr91	MmuINT0175863	chr6	34836917	34838953	-	0.024672
Wdr91	MmuINT0175864	chr6	34836179	34836807	-	0.023726
Wdr91	MmuINT0175865	chr6	34834382	34836065	-	0.055975
Wdr91	MmuINT0175866	chr6	34830969	34834183	-	0.029305
Wdr91	MmuINT0175867	chr6	34858322	34859360	-	0.021552
Wdr91	MmuINT0175868	chr6	34856724	34858113	-	0.016513
Wdr91	MmuINT0175869	chr6	34855619	34856640	-	0.041646
Wdr91	MmuINT0175870	chr6	34854683	34855484	-	0.02077
Wdr91	MmuINT0175871	chr6	34846340	34854516	-	0.017338
Wdr91	MmuINT0175872	chr6	34842535	34846180	-	0.239491
Wdr91	MmuINT0175873	chr6	34841538	34842340	-	0.026946
Wdr91	MmuINT0175874	chr6	34839332	34841386	-	0.036969
Wdr92	MmuINT0175875	chr11	17112150	17119016	+	0.019662
Wdr92	MmuINT0175876	chr11	17119118	17122199	+	0.016885
Wdr92	MmuINT0175877	chr11	17122331	17124551	+	0.012016
Wdr92	MmuINT0175878	chr11	17124654	17127163	+	0.016858
Wdr92	MmuINT0175879	chr11	17127280	17128143	+	0.023944
Wdr92	MmuINT0175880	chr11	17128279	17129771	+	0.019975
Wdr92	MmuINT0175881	chr11	17129870	17132709	+	0.041662
Wdsub1	MmuINT0175901	chr2	59714909	59716186	-	0.013552
Wdsub1	MmuINT0175902	chr2	59712386	59714723	-	0.014077
Wdsub1	MmuINT0175903	chr2	59711367	59712295	-	0.015826
Wdsub1	MmuINT0175904	chr2	59702393	59711272	-	0.049397
Wdsub1	MmuINT0175905	chr2	59700915	59702358	-	0.018501

Wdsub1	MmuINT0175906	chr2	59700784	59700873	-	0.015946
Wdsub1	MmuINT0175907	chr2	59699795	59700676	-	0.05189
Wdsub1	MmuINT0175908	chr2	59696808	59699617	-	0.092033
Wdtdc1	MmuINT0175910	chr4	1.33E+08	1.33E+08	-	0.004102
Wdtdc1	MmuINT0175911	chr4	1.33E+08	1.33E+08	-	0.003585
Wdtdc1	MmuINT0175912	chr4	1.33E+08	1.33E+08	-	0.003087
Wdtdc1	MmuINT0175913	chr4	1.33E+08	1.33E+08	-	0.003219
Wdtdc1	MmuINT0175914	chr4	1.33E+08	1.33E+08	-	0.006032
Wdtdc1	MmuINT0175915	chr4	1.33E+08	1.33E+08	-	0.003553
Wdtdc1	MmuINT0175916	chr4	1.33E+08	1.33E+08	-	0.001785
Wdtdc1	MmuINT0175917	chr4	1.33E+08	1.33E+08	-	0.002577
Wdtdc1	MmuINT0175918	chr4	1.33E+08	1.33E+08	-	0.004428
Wdtdc1	MmuINT0175919	chr4	1.33E+08	1.33E+08	-	0.007149
Wdtdc1	MmuINT0175920	chr4	1.33E+08	1.33E+08	-	0.004223
Wdtdc1	MmuINT0175921	chr4	1.33E+08	1.33E+08	-	0.003198
Wdtdc1	MmuINT0175922	chr4	1.33E+08	1.33E+08	-	0.002875
Wdtdc1	MmuINT0175923	chr4	1.33E+08	1.33E+08	-	0.003367
Wdtdc1	MmuINT0175924	chr4	1.33E+08	1.33E+08	-	0.004548
Wdyhv1	MmuINT0175925	chr15	57973137	57979888	+	0.013087
Wdyhv1	MmuINT0175926	chr15	57979989	57982160	+	0.026774
Wdyhv1	MmuINT0175927	chr15	57982212	57984151	+	0.089582
Wdyhv1	MmuINT0175928	chr15	57984301	57985134	+	0.034828
Wdyhv1	MmuINT0175929	chr15	57985260	57989456	+	0.014447
Wee1	MmuINT0175930	chr7	1.17E+08	1.17E+08	+	0.168033
Wee1	MmuINT0175931	chr7	1.17E+08	1.17E+08	+	0.021876
Wee1	MmuINT0175932	chr7	1.17E+08	1.17E+08	+	0.017136
Wee1	MmuINT0175933	chr7	1.17E+08	1.17E+08	+	0.022541
Wee1	MmuINT0175934	chr7	1.17E+08	1.17E+08	+	0.022033
Wee1	MmuINT0175935	chr7	1.17E+08	1.17E+08	+	0.030211
Wee1	MmuINT0175936	chr7	1.17E+08	1.17E+08	+	0.021931
Wee1	MmuINT0175937	chr7	1.17E+08	1.17E+08	+	0.037989
Wee1	MmuINT0175938	chr7	1.17E+08	1.17E+08	+	0.022051
Wee1	MmuINT0175939	chr7	1.17E+08	1.17E+08	+	0.014205
Wfdc1	MmuINT0175951	chr8	1.22E+08	1.22E+08	+	0.007826
Wfdc1	MmuINT0175952	chr8	1.22E+08	1.22E+08	+	0.007504
Wfdc1	MmuINT0175953	chr8	1.22E+08	1.22E+08	+	0.009737
Wfdc1	MmuINT0175954	chr8	1.22E+08	1.22E+08	+	0.009643
Wfdc1	MmuINT0175955	chr8	1.22E+08	1.22E+08	+	0.02218
Wfdc1	MmuINT0175956	chr8	1.22E+08	1.22E+08	+	0.008552
Wfikkn2	MmuINT0175998	chr11	94100433	94103668	-	0.027033
Wfs1	MmuINT0175999	chr5	37373537	37380104	-	0.004881
Wfs1	MmuINT0176000	chr5	37368206	37373296	-	0.002711
Wfs1	MmuINT0176001	chr5	37366855	37368122	-	0.002658
Wfs1	MmuINT0176002	chr5	37365144	37366709	-	0.003615
Wfs1	MmuINT0176003	chr5	37364506	37364972	-	0.006202
Wfs1	MmuINT0176004	chr5	37362949	37364424	-	0.008343
Wfs1	MmuINT0176005	chr5	37359918	37362796	-	0.011779
Whamm	MmuINT0176006	chr7	88716796	88719431	+	0.049962
Whamm	MmuINT0176007	chr7	88719606	88723036	+	0.035894
Whamm	MmuINT0176008	chr7	88723188	88729987	+	0.028913



Whamm	MmuINT0176009	chr7	88730158	88731019	+	0.021723
Whamm	MmuINT0176010	chr7	88731186	88734223	+	0.05572
Whamm	MmuINT0176011	chr7	88734412	88736647	+	0.062175
Whamm	MmuINT0176012	chr7	88736735	88736892	+	0.032294
Whamm	MmuINT0176013	chr7	88736989	88738537	+	0.092868
Whamm	MmuINT0176014	chr7	88739007	88740772	+	0.112303
Whrn	MmuINT0176018	chr4	63133903	63155646	-	0.006618
Whrn	MmuINT0176019	chr4	63076701	63077035	-	0.009201
Whrn	MmuINT0176020	chr4	63122442	63133683	-	0.006775
Whrn	MmuINT0176024	chr4	63079657	63080455	-	0.013525
Whrn	MmuINT0176025	chr4	63077628	63079121	-	0.033114
Whsc1	MmuINT0176026	chr5	34186387	34188753	+	0.017021
Whsc1	MmuINT0176027	chr5	34188917	34197258	+	0.019029
Whsc1	MmuINT0176028	chr5	34197426	34197902	+	0.013419
Whsc1	MmuINT0176029	chr5	34198386	34203682	+	0.013505
Whsc1	MmuINT0176030	chr5	34203828	34207308	+	0.015965
Whsc1	MmuINT0176031	chr5	34207428	34210222	+	0.025632
Whsc1	MmuINT0176032	chr5	34211528	34214055	+	0.364781
Whsc1	MmuINT0176033	chr5	34222825	34223635	+	0.04628
Whsc1	MmuINT0176034	chr5	34223837	34224636	+	0.045335
Whsc1	MmuINT0176035	chr5	34224817	34225175	+	0.062326
Whsc1	MmuINT0176036	chr5	34225333	34225447	+	0.033944
Whsc1	MmuINT0176037	chr5	34225654	34227635	+	0.068407
Whsc1	MmuINT0176038	chr5	34227740	34228030	+	0.032329
Whsc1	MmuINT0176039	chr5	34228301	34229900	+	0.031286
Whsc1	MmuINT0176040	chr5	34230018	34234154	+	0.055871
Whsc1	MmuINT0176041	chr5	34234297	34234588	+	0.073551
Whsc1	MmuINT0176042	chr5	34234696	34236053	+	0.045347
Whsc1	MmuINT0176043	chr5	34236259	34237554	+	0.057246
Whsc1	MmuINT0176045	chr5	34221839	34222700	+	0.064651
Whsc1l1	MmuINT0176048	chr8	26791247	26792970	+	0.049953
Whsc1l1	MmuINT0176049	chr8	26793169	26793623	+	0.046833
Whsc1l1	MmuINT0176050	chr8	26793795	26801486	+	0.078694
Whsc1l1	MmuINT0176051	chr8	26801634	26805160	+	0.061717
Whsc1l1	MmuINT0176052	chr8	26805318	26809204	+	0.058033
Whsc1l1	MmuINT0176053	chr8	26809408	26810382	+	0.086232
Whsc1l1	MmuINT0176054	chr8	26810496	26810922	+	0.040125
Whsc1l1	MmuINT0176055	chr8	26811193	26816995	+	0.052329
Whsc1l1	MmuINT0176056	chr8	26817113	26819534	+	0.146422
Whsc1l1	MmuINT0176057	chr8	26758985	26760012	+	0.024068
Whsc1l1	MmuINT0176058	chr8	26819677	26821144	+	0.085207
Whsc1l1	MmuINT0176059	chr8	26821252	26823829	+	0.045646
Whsc1l1	MmuINT0176060	chr8	26824032	26824630	+	0.025493
Whsc1l1	MmuINT0176061	chr8	26760176	26770212	+	0.01575
Whsc1l1	MmuINT0176062	chr8	26770368	26773212	+	0.011561
Whsc1l1	MmuINT0176063	chr8	26773729	26776501	+	0.060309
Whsc1l1	MmuINT0176064	chr8	26776629	26783805	+	0.017455
Whsc1l1	MmuINT0176065	chr8	26783907	26786168	+	0.111146
Whsc1l1	MmuINT0176066	chr8	26786215	26789187	+	0.137902
Whsc2	MmuINT0176068	chr5	34264667	34278674	-	0.034794

Whsc2	MmuINT0176069	chr5	34241559	34241660	-	0.035187
Whsc2	MmuINT0176070	chr5	34263303	34264494	-	0.017691
Whsc2	MmuINT0176071	chr5	34246110	34263140	-	0.029905
Whsc2	MmuINT0176072	chr5	34244525	34246019	-	0.036245
Whsc2	MmuINT0176073	chr5	34244307	34244393	-	0.016497
Whsc2	MmuINT0176074	chr5	34243929	34244236	-	0.02343
Whsc2	MmuINT0176075	chr5	34243174	34243839	-	0.020323
Whsc2	MmuINT0176076	chr5	34242203	34243061	-	0.026541
Whsc2	MmuINT0176077	chr5	34241761	34241930	-	0.022591
Wipf1	MmuINT0176093	chr2	73282632	73285905	-	0.027089
Wipf1	MmuINT0176094	chr2	73278214	73282501	-	0.079825
Wipf1	MmuINT0176095	chr2	73275749	73278033	-	0.030031
Wipf1	MmuINT0176096	chr2	73273216	73275010	-	0.051282
Wipf1	MmuINT0176097	chr2	73272201	73273002	-	0.095499
Wipf1	MmuINT0176098	chr2	73270523	73272086	-	0.036286
Wipf2	MmuINT0176099	chr11	98725217	98746287	+	0.06333
Wipf2	MmuINT0176100	chr11	98746419	98752013	+	0.044447
Wipf2	MmuINT0176101	chr11	98752147	98752809	+	0.058951
Wipf2	MmuINT0176102	chr11	98752927	98753376	+	0.036201
Wipf2	MmuINT0176104	chr11	98757641	98760044	+	0.072049
Wipf2	MmuINT0176105	chr11	98760147	98760958	+	0.03929
Wipf3	MmuINT0176106	chr6	54403000	54431778	+	0.009657
Wipf3	MmuINT0176107	chr6	54431912	54433818	+	0.008281
Wipf3	MmuINT0176108	chr6	54433954	54435191	+	0.009611
Wipf3	MmuINT0176109	chr6	54435927	54437901	+	0.005759
Wipf3	MmuINT0176110	chr6	54438025	54439001	+	0.02531
Wipf3	MmuINT0176111	chr6	54439104	54446473	+	0.069675
Wipf3	MmuINT0176112	chr6	54446551	54450986	+	0.046987
Wipi1	MmuINT0176114	chr11	1.09E+08	1.09E+08	-	0.001966
Wipi1	MmuINT0176115	chr11	1.09E+08	1.09E+08	-	0.001454
Wipi1	MmuINT0176116	chr11	1.09E+08	1.09E+08	-	0.002086
Wipi1	MmuINT0176117	chr11	1.09E+08	1.09E+08	-	0.256451
Wipi1	MmuINT0176119	chr11	1.09E+08	1.09E+08	-	0.001816
Wipi1	MmuINT0176120	chr11	1.09E+08	1.09E+08	-	0.002181
Wipi1	MmuINT0176121	chr11	1.09E+08	1.09E+08	-	0.001901
Wipi1	MmuINT0176122	chr11	1.09E+08	1.09E+08	-	0.004644
Wipi1	MmuINT0176123	chr11	1.09E+08	1.09E+08	-	0.0045
Wipi1	MmuINT0176124	chr11	1.09E+08	1.09E+08	-	0.033664
Wipi1	MmuINT0176125	chr11	1.09E+08	1.09E+08	-	0.00751
Wipi2	MmuINT0176126	chr5	1.43E+08	1.43E+08	+	0.011582
Wipi2	MmuINT0176127	chr5	1.43E+08	1.43E+08	+	0.034086
Wipi2	MmuINT0176128	chr5	1.43E+08	1.43E+08	+	0.009996
Wipi2	MmuINT0176129	chr5	1.43E+08	1.43E+08	+	0.009508
Wipi2	MmuINT0176130	chr5	1.43E+08	1.43E+08	+	0.011913
Wipi2	MmuINT0176131	chr5	1.43E+08	1.43E+08	+	0.044217
Wipi2	MmuINT0176132	chr5	1.43E+08	1.43E+08	+	0.025889
Wipi2	MmuINT0176133	chr5	1.43E+08	1.43E+08	+	0.007548
Wipi2	MmuINT0176134	chr5	1.43E+08	1.43E+08	+	0.066728
Wipi2	MmuINT0176135	chr5	1.43E+08	1.43E+08	+	0.015871
Wipi2	MmuINT0176136	chr5	1.43E+08	1.43E+08	+	0.063966

Wisp2	MmuINT0176141	chr2	1.64E+08	1.64E+08	+	0.038302
Wisp2	MmuINT0176142	chr2	1.64E+08	1.64E+08	+	0.054227
Wisp2	MmuINT0176143	chr2	1.64E+08	1.64E+08	+	0.10142
Wisp2	MmuINT0176144	chr2	1.64E+08	1.64E+08	+	0.087748
Wiz	MmuINT0176153	chr17	32492129	32493367	-	0.018547
Wiz	MmuINT0176157	chr17	32498910	32499737	-	0.074666
Wiz	MmuINT0176158	chr17	32496440	32498405	-	0.075524
Wiz	MmuINT0176159	chr17	32494930	32495887	-	0.032107
Wiz	MmuINT0176160	chr17	32493564	32493833	-	0.01096
Wls	MmuINT0176161	chr3	1.6E+08	1.6E+08	+	0.003296
Wls	MmuINT0176162	chr3	1.6E+08	1.6E+08	+	0.005684
Wls	MmuINT0176163	chr3	1.6E+08	1.6E+08	+	0.005195
Wls	MmuINT0176164	chr3	1.6E+08	1.6E+08	+	0.004214
Wls	MmuINT0176165	chr3	1.6E+08	1.6E+08	+	0.006053
Wls	MmuINT0176166	chr3	1.6E+08	1.6E+08	+	0.008408
Wls	MmuINT0176167	chr3	1.6E+08	1.6E+08	+	0.003958
Wls	MmuINT0176168	chr3	1.6E+08	1.6E+08	+	0.003828
Wls	MmuINT0176169	chr3	1.6E+08	1.6E+08	+	0.024856
Wls	MmuINT0176170	chr3	1.6E+08	1.6E+08	+	0.016669
Wls	MmuINT0176171	chr3	1.6E+08	1.6E+08	+	0.017211
Wnk1	MmuINT0176175	chr6	1.2E+08	1.2E+08	-	0.00128
Wnk1	MmuINT0176178	chr6	1.2E+08	1.2E+08	-	0.006865
Wnk1	MmuINT0176179	chr6	1.2E+08	1.2E+08	-	0.001467
Wnk1	MmuINT0176180	chr6	1.2E+08	1.2E+08	-	0.002434
Wnk1	MmuINT0176181	chr6	1.2E+08	1.2E+08	-	0.001332
Wnk1	MmuINT0176182	chr6	1.2E+08	1.2E+08	-	0.004841
Wnk1	MmuINT0176183	chr6	1.2E+08	1.2E+08	-	0.002714
Wnk1	MmuINT0176184	chr6	1.2E+08	1.2E+08	-	0.00697
Wnk1	MmuINT0176185	chr6	1.2E+08	1.2E+08	-	0.003238
Wnk1	MmuINT0176186	chr6	1.2E+08	1.2E+08	-	0.00181
Wnk1	MmuINT0176187	chr6	1.2E+08	1.2E+08	-	0.006074
Wnk1	MmuINT0176188	chr6	1.2E+08	1.2E+08	-	0.008354
Wnk1	MmuINT0176189	chr6	1.2E+08	1.2E+08	-	0.004313
Wnk1	MmuINT0176190	chr6	1.2E+08	1.2E+08	-	0.001398
Wnk1	MmuINT0176191	chr6	1.2E+08	1.2E+08	-	0.001319
Wnk1	MmuINT0176192	chr6	1.2E+08	1.2E+08	-	0.001196
Wnk1	MmuINT0176193	chr6	1.2E+08	1.2E+08	-	0.010452
Wnk1	MmuINT0176194	chr6	1.2E+08	1.2E+08	-	0.002857
Wnk1	MmuINT0176195	chr6	1.2E+08	1.2E+08	-	0.001488
Wnk1	MmuINT0176196	chr6	1.2E+08	1.2E+08	-	0.00189
Wnk1	MmuINT0176197	chr6	1.2E+08	1.2E+08	-	0.002095
Wnk1	MmuINT0176198	chr6	1.2E+08	1.2E+08	-	0.001049
Wnk1	MmuINT0176199	chr6	1.2E+08	1.2E+08	-	0.001388
Wnk1	MmuINT0176200	chr6	1.2E+08	1.2E+08	-	0.001439
Wnk1	MmuINT0176201	chr6	1.2E+08	1.2E+08	-	0.002158
Wnk2	MmuINT0176208	chr13	49166256	49166323	-	0.006044
Wnk2	MmuINT0176209	chr13	49163613	49166138	-	0.005408
Wnk2	MmuINT0176210	chr13	49163332	49163441	-	0.008484
Wnk2	MmuINT0176211	chr13	49162736	49163285	-	0.011073
Wnk2	MmuINT0176216	chr13	49152884	49152980	-	0.008203

Wnk2	MmuINT0176217	chr13	49148143	49152203	-	0.005454
Wnk2	MmuINT0176219	chr13	49138236	49139742	-	0.080701
Wnk2	MmuINT0176220	chr13	49134573	49137996	-	0.017406
Wnk2	MmuINT0176221	chr13	49131875	49134460	-	0.069446
Wnk2	MmuINT0176226	chr13	49180911	49186185	-	0.008956
Wnk4	MmuINT0176231	chr11	1.01E+08	1.01E+08	+	0.156166
Wnk4	MmuINT0176232	chr11	1.01E+08	1.01E+08	+	0.175167
Wnk4	MmuINT0176234	chr11	1.01E+08	1.01E+08	+	0.172865
Wnk4	MmuINT0176235	chr11	1.01E+08	1.01E+08	+	0.078209
Wnk4	MmuINT0176236	chr11	1.01E+08	1.01E+08	+	0.126004
Wnk4	MmuINT0176237	chr11	1.01E+08	1.01E+08	+	0.214466
Wnk4	MmuINT0176238	chr11	1.01E+08	1.01E+08	+	0.31406
Wnk4	MmuINT0176242	chr11	1.01E+08	1.01E+08	+	0.015802
Wnk4	MmuINT0176243	chr11	1.01E+08	1.01E+08	+	0.07665
Wnt11	MmuINT0176258	chr7	1.06E+08	1.06E+08	+	0.043389
Wnt11	MmuINT0176259	chr7	1.06E+08	1.06E+08	+	0.18503
Wnt11	MmuINT0176260	chr7	1.06E+08	1.06E+08	+	0.040361
Wnt5b	MmuINT0176290	chr6	1.19E+08	1.19E+08	-	0.039348
Wrap53	MmuINT0176318	chr11	69392048	69392171	-	0.040456
Wrap53	MmuINT0176319	chr11	69391240	69391948	-	0.029697
Wrap53	MmuINT0176320	chr11	69377450	69391127	-	0.038343
Wrap53	MmuINT0176321	chr11	69377140	69377360	-	0.032108
Wrap53	MmuINT0176322	chr11	69376939	69377048	-	0.117547
Wrap53	MmuINT0176323	chr11	69376360	69376805	-	0.022487
Wrap53	MmuINT0176324	chr11	69376000	69376150	-	0.031759
Wrap53	MmuINT0176325	chr11	69375762	69375895	-	0.023945
Wrap53	MmuINT0176326	chr11	69375522	69375623	-	0.032408
Wrb	MmuINT0176327	chr16	96367186	96373419	+	0.034707
Wrb	MmuINT0176328	chr16	96373586	96374577	+	0.025335
Wrb	MmuINT0176329	chr16	96374646	96375687	+	0.073526
Wrb	MmuINT0176330	chr16	96375803	96377485	+	0.029106
Wrn	MmuINT0176354	chr8	34362309	34365969	-	0.079752
Wrnip1	MmuINT0176364	chr13	32894914	32897206	+	0.009489
Wrnip1	MmuINT0176365	chr13	32897399	32898627	+	0.00703
Wrnip1	MmuINT0176366	chr13	32898870	32908121	+	0.006104
Wrnip1	MmuINT0176367	chr13	32908352	32912087	+	0.042146
Wrnip1	MmuINT0176368	chr13	32912244	32912907	+	0.067078
Wrnip1	MmuINT0176369	chr13	32912988	32913752	+	0.037853
Wsb1	MmuINT0176370	chr11	79054298	79055096	-	0.055196
Wsb1	MmuINT0176371	chr11	79053965	79054189	-	0.025902
Wsb1	MmuINT0176372	chr11	79064652	79067854	-	0.020976
Wsb1	MmuINT0176373	chr11	79062162	79064482	-	0.010308
Wsb1	MmuINT0176374	chr11	79059804	79061892	-	0.01115
Wsb1	MmuINT0176375	chr11	79058066	79059671	-	0.017724
Wsb2	MmuINT0176378	chr5	1.18E+08	1.18E+08	+	0.000993
Wsb2	MmuINT0176379	chr5	1.18E+08	1.18E+08	+	0.00117
Wsb2	MmuINT0176381	chr5	1.18E+08	1.18E+08	+	0.002831
Wsb2	MmuINT0176382	chr5	1.18E+08	1.18E+08	+	0.001185
Wscd1	MmuINT0176388	chr11	71585477	71596759	+	0.050278
Wscd1	MmuINT0176389	chr11	71596920	71597770	+	0.051499

Wscd1	MmuINT0176390	chr11	71597936	71601219	+	0.117651
Wscd1	MmuINT0176391	chr11	71601421	71602170	+	0.035919
Wt1	MmuINT0176400	chr2	1.05E+08	1.05E+08	+	0.06377
Wt1	MmuINT0176401	chr2	1.05E+08	1.05E+08	+	0.044652
Wt1	MmuINT0176402	chr2	1.05E+08	1.05E+08	+	0.082152
Wt1	MmuINT0176405	chr2	1.05E+08	1.05E+08	+	0.036693
Wt1	MmuINT0176406	chr2	1.05E+08	1.05E+08	+	0.091007
Wt1	MmuINT0176407	chr2	1.05E+08	1.05E+08	+	0.179486
Wt1	MmuINT0176408	chr2	1.05E+08	1.05E+08	+	0.167136
Wtap	MmuINT0176409	chr17	13178820	13184942	-	0.032834
Wtap	MmuINT0176414	chr17	13160918	13162270	-	0.020268
Wtip	MmuINT0176417	chr7	34904226	34910503	-	0.05233
Wtip	MmuINT0176418	chr7	34904019	34904157	-	0.371941
Wtip	MmuINT0176419	chr7	34903825	34903955	-	0.157645
Wtip	MmuINT0176420	chr7	34902383	34903693	-	0.045344
Wtip	MmuINT0176421	chr7	34901682	34902330	-	0.059621
Wwc2	MmuINT0176445	chr8	49006053	49075419	-	0.014909
Wwc2	MmuINT0176446	chr8	48954146	48955132	-	0.006442
Wwc2	MmuINT0176447	chr8	48949989	48953525	-	0.007681
Wwc2	MmuINT0176448	chr8	48949487	48949858	-	0.009553
Wwc2	MmuINT0176449	chr8	48949294	48949405	-	0.012981
Wwc2	MmuINT0176450	chr8	48944277	48949206	-	0.007658
Wwc2	MmuINT0176451	chr8	48941703	48944083	-	0.010516
Wwc2	MmuINT0176452	chr8	48937381	48941537	-	0.009104
Wwc2	MmuINT0176453	chr8	48934844	48937258	-	0.006244
Wwc2	MmuINT0176454	chr8	48932913	48934659	-	0.006543
Wwc2	MmuINT0176455	chr8	48931594	48932747	-	0.008369
Wwc2	MmuINT0176456	chr8	48986211	49005942	-	0.007276
Wwc2	MmuINT0176457	chr8	48928462	48931500	-	0.007872
Wwc2	MmuINT0176458	chr8	48917094	48928218	-	0.009053
Wwc2	MmuINT0176459	chr8	48914139	48916965	-	0.006496
Wwc2	MmuINT0176460	chr8	48984867	48986006	-	0.007496
Wwc2	MmuINT0176461	chr8	48972506	48984789	-	0.011603
Wwc2	MmuINT0176462	chr8	48968978	48972425	-	0.008545
Wwc2	MmuINT0176463	chr8	48965602	48968847	-	0.005622
Wwc2	MmuINT0176464	chr8	48964256	48965454	-	0.007499
Wwc2	MmuINT0176465	chr8	48960826	48964181	-	0.009911
Wwc2	MmuINT0176466	chr8	48955223	48960582	-	0.011498
Wwox	MmuINT0176467	chr8	1.17E+08	1.17E+08	+	0.04644
Wwox	MmuINT0176468	chr8	1.17E+08	1.17E+08	+	0.056214
Wwox	MmuINT0176469	chr8	1.17E+08	1.17E+08	+	0.026152
Wwox	MmuINT0176470	chr8	1.17E+08	1.17E+08	+	0.076191
Wwox	MmuINT0176471	chr8	1.17E+08	1.17E+08	+	0.05598
Wwox	MmuINT0176473	chr8	1.17E+08	1.17E+08	+	0.059128
Wwox	MmuINT0176474	chr8	1.17E+08	1.18E+08	+	0.06986
Wwp1	MmuINT0176476	chr4	19569056	19570512	-	0.004501
Wwp1	MmuINT0176477	chr4	19567563	19568880	-	0.004804
Wwp1	MmuINT0176478	chr4	19567427	19567507	-	0.001252
Wwp1	MmuINT0176479	chr4	19567228	19567341	-	0.000683
Wwp1	MmuINT0176480	chr4	19565998	19567098	-	0.008283

Wwp1	MmuINT0176481	chr4	19565824	19565921	-	0.000356
Wwp1	MmuINT0176482	chr4	19562490	19565751	-	0.001278
Wwp1	MmuINT0176483	chr4	19558353	19562400	-	0.000315
Wwp1	MmuINT0176487	chr4	19550370	19554779	-	0.000517
Wwp1	MmuINT0176489	chr4	19546400	19549074	-	0.002973
Wwp1	MmuINT0176492	chr4	19600442	19605491	-	0.005528
Wwp1	MmuINT0176493	chr4	19599691	19600302	-	0.004784
Wwp1	MmuINT0176494	chr4	19589407	19599565	-	0.005229
Wwp1	MmuINT0176495	chr4	19589180	19589268	-	0.004951
Wwp1	MmuINT0176496	chr4	19586895	19589112	-	0.005522
Wwp1	MmuINT0176497	chr4	19577588	19586709	-	0.01421
Wwp1	MmuINT0176498	chr4	19570609	19577262	-	0.010925
Wwp2	MmuINT0176499	chr8	1.1E+08	1.1E+08	+	0.022713
Wwp2	MmuINT0176500	chr8	1.1E+08	1.1E+08	+	0.027093
Wwp2	MmuINT0176501	chr8	1.1E+08	1.1E+08	+	0.026384
Wwp2	MmuINT0176502	chr8	1.1E+08	1.1E+08	+	0.026799
Wwp2	MmuINT0176503	chr8	1.1E+08	1.1E+08	+	0.030036
Wwp2	MmuINT0176504	chr8	1.1E+08	1.1E+08	+	0.023695
Wwp2	MmuINT0176505	chr8	1.1E+08	1.1E+08	+	0.047872
Wwp2	MmuINT0176506	chr8	1.1E+08	1.1E+08	+	0.083763
Wwp2	MmuINT0176507	chr8	1.1E+08	1.1E+08	+	0.052355
Wwp2	MmuINT0176508	chr8	1.1E+08	1.1E+08	+	0.013275
Wwp2	MmuINT0176509	chr8	1.1E+08	1.1E+08	+	0.037599
Wwp2	MmuINT0176510	chr8	1.1E+08	1.1E+08	+	0.015979
Wwp2	MmuINT0176511	chr8	1.1E+08	1.1E+08	+	0.018693
Wwp2	MmuINT0176512	chr8	1.1E+08	1.1E+08	+	0.022128
Wwp2	MmuINT0176513	chr8	1.1E+08	1.1E+08	+	0.022724
Wwp2	MmuINT0176514	chr8	1.1E+08	1.1E+08	+	0.029408
Wwp2	MmuINT0176515	chr8	1.1E+08	1.1E+08	+	0.010428
Wwp2	MmuINT0176516	chr8	1.1E+08	1.1E+08	+	0.008258
Wwp2	MmuINT0176517	chr8	1.1E+08	1.1E+08	+	0.010584
Wwp2	MmuINT0176518	chr8	1.1E+08	1.1E+08	+	0.011274
Wwp2	MmuINT0176519	chr8	1.1E+08	1.1E+08	+	0.011862
Wwp2	MmuINT0176520	chr8	1.1E+08	1.1E+08	+	0.025057
Wwp2	MmuINT0176521	chr8	1.1E+08	1.1E+08	+	0.020582
Wwtr1	MmuINT0176522	chr3	57379180	57379522	-	0.005883
Wwtr1	MmuINT0176523	chr3	57305791	57378744	-	0.005864
Wwtr1	MmuINT0176524	chr3	57281479	57305653	-	0.002917
Wwtr1	MmuINT0176525	chr3	57267487	57281278	-	0.005009
Wwtr1	MmuINT0176526	chr3	57266554	57267364	-	0.004903
Wwtr1	MmuINT0176527	chr3	57263033	57266440	-	0.003919
X99384	MmuINT0176528	chr10	60818785	60846039	-	0.038375
X99384	MmuINT0176529	chr10	60806948	60809508	-	0.032844
X99384	MmuINT0176530	chr10	60806505	60806851	-	0.207814
X99384	MmuINT0176531	chr10	60805906	60806375	-	0.01434
X99384	MmuINT0176532	chr10	60805698	60805788	-	0.133862
X99384	MmuINT0176533	chr10	60805250	60805541	-	0.02994
X99384	MmuINT0176534	chr10	60804101	60805066	-	0.016511
X99384	MmuINT0176535	chr10	60803751	60803959	-	0.2647
X99384	MmuINT0176536	chr10	60802088	60803678	-	0.021956

X99384	MmuINT0176537	chr10	60786128	60801946	-	0.044995
X99384	MmuINT0176538	chr10	60783991	60785971	-	0.043596
X99384	MmuINT0176539	chr10	60815784	60818561	-	0.019317
X99384	MmuINT0176540	chr10	60813824	60815680	-	0.018355
X99384	MmuINT0176541	chr10	60813054	60813643	-	0.020816
X99384	MmuINT0176542	chr10	60811443	60812888	-	0.019475
X99384	MmuINT0176544	chr10	60810323	60811055	-	0.028856
X99384	MmuINT0176545	chr10	60809886	60810170	-	0.02658
X99384	MmuINT0176546	chr10	60809614	60809785	-	0.015164
Xab2	MmuINT0176547	chr8	3619094	3621227	-	0.016879
Xab2	MmuINT0176548	chr8	3613291	3613367	-	0.195232
Xab2	MmuINT0176549	chr8	3613077	3613158	-	0.017286
Xab2	MmuINT0176550	chr8	3611835	3612962	-	0.061254
Xab2	MmuINT0176551	chr8	3611585	3611671	-	0.027952
Xab2	MmuINT0176552	chr8	3611237	3611393	-	0.053797
Xab2	MmuINT0176553	chr8	3611019	3611113	-	0.010349
Xab2	MmuINT0176554	chr8	3610675	3610846	-	0.012411
Xab2	MmuINT0176555	chr8	3610421	3610544	-	0.017985
Xab2	MmuINT0176556	chr8	3610220	3610310	-	0.025173
Xab2	MmuINT0176557	chr8	3618667	3618944	-	0.022938
Xab2	MmuINT0176558	chr8	3618253	3618542	-	0.020351
Xab2	MmuINT0176559	chr8	3616385	3618054	-	0.010778
Xab2	MmuINT0176560	chr8	3616159	3616249	-	0.015656
Xab2	MmuINT0176561	chr8	3614390	3615993	-	0.041522
Xab2	MmuINT0176562	chr8	3613951	3614244	-	0.068517
Xab2	MmuINT0176563	chr8	3613710	3613798	-	0.031963
Xab2	MmuINT0176564	chr8	3613500	3613589	-	0.037902
Xaf1	MmuINT0176565	chr11	72115212	72116828	+	0.018775
Xaf1	MmuINT0176566	chr11	72116965	72118167	+	0.441085
Xaf1	MmuINT0176567	chr11	72118364	72120065	+	0.496041
Xaf1	MmuINT0176568	chr11	72120155	72122108	+	0.360497
Xaf1	MmuINT0176569	chr11	72122427	72125457	+	0.166156
Xbp1	MmuINT0176570	chr11	5421204	5421925	+	0.057478
Xbp1	MmuINT0176571	chr11	5422023	5423335	+	0.011391
Xbp1	MmuINT0176572	chr11	5423471	5424241	+	0.09103
Xbp1	MmuINT0176573	chr11	5424388	5424687	+	0.028879
Xdh	MmuINT0176577	chr17	74293245	74299417	-	0.014253
Xdh	MmuINT0176578	chr17	74271905	74272382	-	0.02111
Xdh	MmuINT0176579	chr17	74270701	74271752	-	0.028295
Xdh	MmuINT0176580	chr17	74269843	74270606	-	0.006522
Xdh	MmuINT0176581	chr17	74267898	74269732	-	0.007972
Xdh	MmuINT0176582	chr17	74266303	74267712	-	0.00694
Xdh	MmuINT0176583	chr17	74265101	74266127	-	0.014188
Xdh	MmuINT0176584	chr17	74263381	74265016	-	0.010815
Xdh	MmuINT0176585	chr17	74261881	74263210	-	0.006492
Xdh	MmuINT0176586	chr17	74259626	74261756	-	0.005605
Xdh	MmuINT0176587	chr17	74258684	74259505	-	0.007494
Xdh	MmuINT0176588	chr17	74290479	74293186	-	0.015501
Xdh	MmuINT0176589	chr17	74257086	74258586	-	0.009499
Xdh	MmuINT0176590	chr17	74256169	74256960	-	0.007155

Xdh	MmuINT0176591	chr17	74255632	74256034	-	0.012507
Xdh	MmuINT0176592	chr17	74255437	74255543	-	0.008238
Xdh	MmuINT0176593	chr17	74250064	74255349	-	0.019803
Xdh	MmuINT0176594	chr17	74249748	74249871	-	0.00436
Xdh	MmuINT0176595	chr17	74248383	74249601	-	0.005698
Xdh	MmuINT0176596	chr17	74247752	74248300	-	0.014663
Xdh	MmuINT0176597	chr17	74247151	74247655	-	0.00582
Xdh	MmuINT0176598	chr17	74246422	74247021	-	0.019074
Xdh	MmuINT0176599	chr17	74289202	74290381	-	0.013007
Xdh	MmuINT0176600	chr17	74245137	74246346	-	0.041106
Xdh	MmuINT0176601	chr17	74243055	74245083	-	0.010493
Xdh	MmuINT0176602	chr17	74242125	74242939	-	0.010772
Xdh	MmuINT0176603	chr17	74240640	74242058	-	0.00669
Xdh	MmuINT0176604	chr17	74235860	74240450	-	0.278312
Xdh	MmuINT0176605	chr17	74233824	74235682	-	0.022476
Xdh	MmuINT0176606	chr17	74285339	74289095	-	0.008815
Xdh	MmuINT0176607	chr17	74284204	74285211	-	0.00872
Xdh	MmuINT0176608	chr17	74275957	74284141	-	0.009969
Xdh	MmuINT0176609	chr17	74275601	74275887	-	0.007041
Xdh	MmuINT0176610	chr17	74274397	74275513	-	0.015324
Xdh	MmuINT0176611	chr17	74272476	74274254	-	0.018578
Xiap	MmuINT0176612	chrX	39421234	39421533	+	0.12069
Xiap	MmuINT0176613	chrX	39421660	39447543	+	0.063759
Xiap	MmuINT0176615	chrX	39449890	39451980	+	0.022057
Xiap	MmuINT0176616	chrX	39452060	39453013	+	0.015188
Xiap	MmuINT0176617	chrX	39453057	39455172	+	0.053593
Xiap	MmuINT0176618	chrX	39455374	39457967	+	0.024247
Xirp1	MmuINT0176619	chr9	1.2E+08	1.2E+08	-	0.003505
Xirp1	MmuINT0176620	chr9	1.2E+08	1.2E+08	-	0.356301
Xirp2	MmuINT0176621	chr2	67284212	67314774	+	0.005804
Xirp2	MmuINT0176622	chr2	67314924	67320302	+	0.005563
Xirp2	MmuINT0176623	chr2	67320441	67343090	+	0.007341
Xirp2	MmuINT0176624	chr2	67343181	67343559	+	0.009897
Xirp2	MmuINT0176625	chr2	67343633	67345103	+	0.007459
Xirp2	MmuINT0176626	chr2	67345238	67345965	+	0.014781
Xirp2	MmuINT0176627	chr2	67357411	67362828	+	0.001585
Xlr	MmuINT0176658	chrX	51099014	51099319	-	0.153941
Xpa	MmuINT0176730	chr4	46206030	46208920	-	0.055225
Xpa	MmuINT0176731	chr4	46198569	46205921	-	0.02879
Xpa	MmuINT0176732	chr4	46197326	46198462	-	0.015332
Xpa	MmuINT0176733	chr4	46196108	46197159	-	0.032503
Xpa	MmuINT0176734	chr4	46188288	46195989	-	0.123009
Xpc	MmuINT0176735	chr6	91460653	91465699	-	0.014515
Xpc	MmuINT0176736	chr6	91446164	91448023	-	0.080159
Xpc	MmuINT0176737	chr6	91443234	91446081	-	0.124894
Xpc	MmuINT0176738	chr6	91443006	91443098	-	0.017976
Xpc	MmuINT0176739	chr6	91442359	91442835	-	0.032931
Xpc	MmuINT0176740	chr6	91441305	91442264	-	0.026739
Xpc	MmuINT0176741	chr6	91440261	91441214	-	0.028805
Xpc	MmuINT0176742	chr6	91458590	91460450	-	0.014259



Xpc	MmuINT0176743	chr6	91456954	91458482	-	0.026942
Xpc	MmuINT0176744	chr6	91455470	91456832	-	0.020124
Xpc	MmuINT0176745	chr6	91454723	91455384	-	0.059911
Xpc	MmuINT0176746	chr6	91454116	91454564	-	0.01995
Xpc	MmuINT0176747	chr6	91451006	91453994	-	0.030296
Xpc	MmuINT0176748	chr6	91450132	91450915	-	0.023282
Xpc	MmuINT0176749	chr6	91448185	91449258	-	0.026042
Xpnpep1	MmuINT0176750	chr19	53106588	53113003	-	0.022707
Xpnpep1	MmuINT0176751	chr19	53079344	53080644	-	0.005603
Xpnpep1	MmuINT0176752	chr19	53078305	53079253	-	0.005445
Xpnpep1	MmuINT0176753	chr19	53077228	53078253	-	0.006904
Xpnpep1	MmuINT0176754	chr19	53077042	53077168	-	0.007671
Xpnpep1	MmuINT0176755	chr19	53074951	53076963	-	0.010519
Xpnpep1	MmuINT0176756	chr19	53073703	53074878	-	0.010924
Xpnpep1	MmuINT0176757	chr19	53072434	53073641	-	0.009055
Xpnpep1	MmuINT0176758	chr19	53071564	53072363	-	0.007062
Xpnpep1	MmuINT0176759	chr19	53070816	53071389	-	0.004397
Xpnpep1	MmuINT0176760	chr19	53070010	53070738	-	0.005104
Xpnpep1	MmuINT0176761	chr19	53099874	53106498	-	0.009343
Xpnpep1	MmuINT0176762	chr19	53066210	53069910	-	0.01422
Xpnpep1	MmuINT0176763	chr19	53089165	53099748	-	0.007492
Xpnpep1	MmuINT0176764	chr19	53087994	53089100	-	0.011666
Xpnpep1	MmuINT0176765	chr19	53086772	53087888	-	0.008174
Xpnpep1	MmuINT0176766	chr19	53086400	53086678	-	0.007833
Xpnpep1	MmuINT0176767	chr19	53084654	53086255	-	0.011964
Xpnpep1	MmuINT0176768	chr19	53082443	53084557	-	0.01512
Xpnpep1	MmuINT0176769	chr19	53080856	53082360	-	0.016001
Xpnpep3	MmuINT0176790	chr15	81230718	81244861	+	0.027484
Xpnpep3	MmuINT0176791	chr15	81244979	81257705	+	0.034085
Xpnpep3	MmuINT0176792	chr15	81258114	81261119	+	0.027506
Xpnpep3	MmuINT0176793	chr15	81261323	81267143	+	0.039439
Xpnpep3	MmuINT0176794	chr15	81267207	81268496	+	0.044498
Xpnpep3	MmuINT0176795	chr15	81268611	81272808	+	0.064037
Xpnpep3	MmuINT0176797	chr15	81281452	81283294	+	0.020384
Xpo1	MmuINT0176798	chr11	23156163	23156407	+	0.989196
Xpo1	MmuINT0176799	chr11	23178926	23180373	+	0.010982
Xpo1	MmuINT0176800	chr11	23180503	23181305	+	0.006571
Xpo1	MmuINT0176801	chr11	23181465	23182528	+	0.008615
Xpo1	MmuINT0176802	chr11	23182727	23184241	+	0.005634
Xpo1	MmuINT0176803	chr11	23184381	23184547	+	0.008889
Xpo1	MmuINT0176804	chr11	23184730	23184811	+	0.005886
Xpo1	MmuINT0176805	chr11	23184969	23185055	+	0.008181
Xpo1	MmuINT0176806	chr11	23185220	23185800	+	0.010635
Xpo1	MmuINT0176807	chr11	23185936	23186744	+	0.012293
Xpo1	MmuINT0176808	chr11	23186929	23187344	+	0.010402
Xpo1	MmuINT0176809	chr11	23187452	23189757	+	0.012749
Xpo1	MmuINT0176810	chr11	23189953	23191462	+	0.009515
Xpo1	MmuINT0176811	chr11	23191632	23193771	+	0.01714
Xpo1	MmuINT0176812	chr11	23193907	23193988	+	0.005578
Xpo1	MmuINT0176813	chr11	23194149	23194595	+	0.006609

Xpo1	MmuINT0176814	chr11	23194693	23195960	+	0.00364
Xpo1	MmuINT0176815	chr11	23161967	23167661	+	0.01163
Xpo1	MmuINT0176816	chr11	23167764	23171132	+	0.023862
Xpo1	MmuINT0176817	chr11	23171206	23176426	+	0.018983
Xpo1	MmuINT0176818	chr11	23176489	23177035	+	0.017809
Xpo1	MmuINT0176819	chr11	23177081	23178142	+	0.024212
Xpo1	MmuINT0176820	chr11	23178325	23178675	+	0.042423
Xpo1	MmuINT0176821	chr11	23178725	23178805	+	0.010653
Xpo4	MmuINT0176823	chr14	58223344	58223959	-	0.030984
Xpo4	MmuINT0176824	chr14	58222569	58223200	-	0.028719
Xpo4	MmuINT0176825	chr14	58221504	58222422	-	0.039027
Xpo4	MmuINT0176826	chr14	58216883	58221325	-	0.046542
Xpo4	MmuINT0176827	chr14	58215982	58216722	-	0.025218
Xpo4	MmuINT0176828	chr14	58212840	58215811	-	0.030245
Xpo4	MmuINT0176829	chr14	58209917	58212664	-	0.036086
Xpo4	MmuINT0176830	chr14	58208959	58209622	-	0.053164
Xpo4	MmuINT0176831	chr14	58206909	58208777	-	0.037776
Xpo4	MmuINT0176839	chr14	58248348	58249052	-	0.033515
Xpo4	MmuINT0176841	chr14	58232682	58236967	-	0.189103
Xpo4	MmuINT0176843	chr14	58224137	58232109	-	0.030313
Xpo5	MmuINT0176844	chr17	46339975	46341603	+	0.016181
Xpo5	MmuINT0176845	chr17	46355578	46356339	+	0.013075
Xpo5	MmuINT0176846	chr17	46356466	46357709	+	0.0199
Xpo5	MmuINT0176847	chr17	46357801	46358301	+	0.014976
Xpo5	MmuINT0176848	chr17	46358431	46359609	+	0.027265
Xpo5	MmuINT0176849	chr17	46359741	46361964	+	0.032188
Xpo5	MmuINT0176850	chr17	46362121	46363361	+	0.016248
Xpo5	MmuINT0176851	chr17	46363404	46363867	+	0.022665
Xpo5	MmuINT0176852	chr17	46363958	46364678	+	0.009213
Xpo5	MmuINT0176853	chr17	46364879	46366260	+	0.017773
Xpo5	MmuINT0176854	chr17	46366361	46367147	+	0.01525
Xpo5	MmuINT0176855	chr17	46341726	46343435	+	0.017882
Xpo5	MmuINT0176856	chr17	46367330	46370666	+	0.010465
Xpo5	MmuINT0176857	chr17	46370768	46371401	+	0.020156
Xpo5	MmuINT0176858	chr17	46371499	46372813	+	0.057645
Xpo5	MmuINT0176859	chr17	46372951	46373861	+	0.021855
Xpo5	MmuINT0176860	chr17	46373960	46375321	+	0.043168
Xpo5	MmuINT0176861	chr17	46375369	46375838	+	0.036648
Xpo5	MmuINT0176862	chr17	46375937	46376462	+	0.028926
Xpo5	MmuINT0176863	chr17	46376526	46377106	+	0.086799
Xpo5	MmuINT0176864	chr17	46377190	46377763	+	0.018138
Xpo5	MmuINT0176865	chr17	46377872	46378365	+	0.01573
Xpo5	MmuINT0176866	chr17	46343509	46344727	+	0.016547
Xpo5	MmuINT0176867	chr17	46378504	46378674	+	0.024697
Xpo5	MmuINT0176868	chr17	46378840	46379082	+	0.00682
Xpo5	MmuINT0176869	chr17	46344866	46345023	+	0.011282
Xpo5	MmuINT0176870	chr17	46345207	46351138	+	0.021346
Xpo5	MmuINT0176871	chr17	46351166	46351525	+	0.015807
Xpo5	MmuINT0176872	chr17	46351712	46352680	+	0.017176
Xpo5	MmuINT0176873	chr17	46352758	46354530	+	0.030905

Xpo5	MmulINT0176874	chr17	46354631	46355493	+	0.027269
Xpo6	MmulINT0176875	chr7	1.33E+08	1.33E+08	-	0.012758
Xpo6	MmulINT0176877	chr7	1.33E+08	1.33E+08	-	0.014934
Xpo6	MmulINT0176878	chr7	1.33E+08	1.33E+08	-	0.021989
Xpo6	MmulINT0176879	chr7	1.33E+08	1.33E+08	-	0.010957
Xpo6	MmulINT0176880	chr7	1.33E+08	1.33E+08	-	0.011521
Xpo6	MmulINT0176881	chr7	1.33E+08	1.33E+08	-	0.035239
Xpo6	MmulINT0176882	chr7	1.33E+08	1.33E+08	-	0.007879
Xpo6	MmulINT0176883	chr7	1.33E+08	1.33E+08	-	0.007796
Xpo6	MmulINT0176884	chr7	1.33E+08	1.33E+08	-	0.006158
Xpo6	MmulINT0176885	chr7	1.33E+08	1.33E+08	-	0.011803
Xpo6	MmulINT0176886	chr7	1.33E+08	1.33E+08	-	0.013747
Xpo6	MmulINT0176887	chr7	1.33E+08	1.33E+08	-	0.008058
Xpo6	MmulINT0176888	chr7	1.33E+08	1.33E+08	-	0.009293
Xpo6	MmulINT0176889	chr7	1.33E+08	1.33E+08	-	0.035648
Xpo6	MmulINT0176890	chr7	1.33E+08	1.33E+08	-	0.041527
Xpo6	MmulINT0176891	chr7	1.33E+08	1.33E+08	-	0.018467
Xpo6	MmulINT0176892	chr7	1.33E+08	1.33E+08	-	0.009876
Xpo6	MmulINT0176893	chr7	1.33E+08	1.33E+08	-	0.018243
Xpo6	MmulINT0176894	chr7	1.33E+08	1.33E+08	-	0.029722
Xpo6	MmulINT0176895	chr7	1.33E+08	1.33E+08	-	0.829849
Xpo6	MmulINT0176896	chr7	1.33E+08	1.33E+08	-	0.011501
Xpo6	MmulINT0176897	chr7	1.33E+08	1.33E+08	-	0.010423
Xpo7	MmulINT0176898	chr14	71107241	71166318	-	0.01617
Xpo7	MmulINT0176899	chr14	71090962	71092457	-	0.006257
Xpo7	MmulINT0176900	chr14	71088128	71090788	-	0.007008
Xpo7	MmulINT0176901	chr14	71087541	71087933	-	0.008657
Xpo7	MmulINT0176902	chr14	71085365	71087434	-	0.008137
Xpo7	MmulINT0176903	chr14	71084741	71085228	-	0.009179
Xpo7	MmulINT0176904	chr14	71083544	71084666	-	0.010036
Xpo7	MmulINT0176905	chr14	71082662	71083460	-	0.016204
Xpo7	MmulINT0176906	chr14	71082249	71082599	-	0.008617
Xpo7	MmulINT0176907	chr14	71081153	71082139	-	0.009753
Xpo7	MmulINT0176908	chr14	71077975	71081045	-	0.009236
Xpo7	MmulINT0176909	chr14	71104565	71107093	-	0.010333
Xpo7	MmulINT0176910	chr14	71076622	71077885	-	0.007518
Xpo7	MmulINT0176911	chr14	71071539	71076513	-	0.013719
Xpo7	MmulINT0176912	chr14	71071074	71071455	-	0.009445
Xpo7	MmulINT0176913	chr14	71070497	71070858	-	0.012236
Xpo7	MmulINT0176914	chr14	71069285	71070357	-	0.004959
Xpo7	MmulINT0176915	chr14	71068566	71069123	-	0.008921
Xpo7	MmulINT0176916	chr14	71066957	71068466	-	0.006229
Xpo7	MmulINT0176917	chr14	71065902	71066828	-	0.013071
Xpo7	MmulINT0176918	chr14	71103197	71104470	-	0.008668
Xpo7	MmulINT0176919	chr14	71101593	71103029	-	0.010656
Xpo7	MmulINT0176920	chr14	71098854	71101526	-	0.298483
Xpo7	MmulINT0176921	chr14	71096524	71098748	-	0.01001
Xpo7	MmulINT0176922	chr14	71095495	71096357	-	0.010904
Xpo7	MmulINT0176923	chr14	71093844	71095420	-	0.010736
Xpo7	MmulINT0176924	chr14	71092605	71093723	-	0.008151

Xpot	MmuINT0176926	chr10	1.21E+08	1.21E+08	-	0.005772
Xpot	MmuINT0176935	chr10	1.21E+08	1.21E+08	-	0.003416
Xpot	MmuINT0176944	chr10	1.21E+08	1.21E+08	-	0.010599
Xpot	MmuINT0176948	chr10	1.21E+08	1.21E+08	-	0.001931
Xpr1	MmuINT0176949	chr1	1.57E+08	1.57E+08	-	0.02342
Xpr1	MmuINT0176950	chr1	1.57E+08	1.57E+08	-	0.010565
Xpr1	MmuINT0176951	chr1	1.57E+08	1.57E+08	-	0.01215
Xpr1	MmuINT0176952	chr1	1.57E+08	1.57E+08	-	0.010059
Xpr1	MmuINT0176953	chr1	1.57E+08	1.57E+08	-	0.010087
Xpr1	MmuINT0176954	chr1	1.57E+08	1.57E+08	-	0.01751
Xpr1	MmuINT0176955	chr1	1.57E+08	1.57E+08	-	0.02296
Xpr1	MmuINT0176956	chr1	1.57E+08	1.57E+08	-	0.018035
Xpr1	MmuINT0176957	chr1	1.57E+08	1.57E+08	-	0.011683
Xpr1	MmuINT0176958	chr1	1.57E+08	1.57E+08	-	0.018589
Xpr1	MmuINT0176959	chr1	1.57E+08	1.57E+08	-	0.02461
Xpr1	MmuINT0176960	chr1	1.57E+08	1.57E+08	-	0.021374
Xpr1	MmuINT0176961	chr1	1.57E+08	1.57E+08	-	0.012801
Xpr1	MmuINT0176962	chr1	1.57E+08	1.57E+08	-	0.012623
Xrcc1	MmuINT0176963	chr7	25332379	25332808	+	0.009331
Xrcc1	MmuINT0176964	chr7	25352946	25355234	+	0.047507
Xrcc1	MmuINT0176965	chr7	25355329	25355467	+	0.026415
Xrcc1	MmuINT0176966	chr7	25355598	25355890	+	0.089795
Xrcc1	MmuINT0176967	chr7	25355946	25356033	+	0.016699
Xrcc1	MmuINT0176968	chr7	25356171	25357227	+	0.013914
Xrcc1	MmuINT0176969	chr7	25357319	25358072	+	0.014776
Xrcc1	MmuINT0176970	chr7	25358149	25358243	+	0.01756
Xrcc1	MmuINT0176971	chr7	25332902	25344754	+	0.014844
Xrcc1	MmuINT0176972	chr7	25344872	25350554	+	0.009741
Xrcc1	MmuINT0176973	chr7	25350714	25351237	+	0.020036
Xrcc1	MmuINT0176974	chr7	25351313	25351407	+	0.052859
Xrcc1	MmuINT0176975	chr7	25351520	25351876	+	0.030036
Xrcc1	MmuINT0176976	chr7	25351987	25352057	+	0.014419
Xrcc1	MmuINT0176977	chr7	25352164	25352332	+	0.007772
Xrcc1	MmuINT0176978	chr7	25352592	25352828	+	0.057806
Xrcc2	MmuINT0176979	chr5	25204151	25211495	-	0.063412
Xrcc2	MmuINT0176980	chr5	25198647	25204068	-	0.127998
Xrcc3	MmuINT0176986	chr12	1.13E+08	1.13E+08	-	0.874845
Xrcc3	MmuINT0176987	chr12	1.13E+08	1.13E+08	-	0.854772
Xrcc4	MmuINT0176988	chr13	90211295	90229101	-	0.035893
Xrcc4	MmuINT0176989	chr13	90201790	90211145	-	0.016193
Xrcc4	MmuINT0176991	chr13	90132212	90140522	-	0.012121
Xrcc4	MmuINT0176992	chr13	90130770	90132058	-	0.02171
Xrcc4	MmuINT0176993	chr13	90080715	90130677	-	0.018591
Xrcc4	MmuINT0176994	chr13	89989069	90080566	-	0.025892
Xrcc5	MmuINT0176995	chr1	72354142	72357008	+	0.118593
Xrcc5	MmuINT0176996	chr1	72381273	72385533	+	0.01859
Xrcc5	MmuINT0176997	chr1	72385672	72386562	+	0.016965
Xrcc5	MmuINT0176998	chr1	72386654	72389582	+	0.01261
Xrcc5	MmuINT0176999	chr1	72389717	72392801	+	0.010997
Xrcc5	MmuINT0177000	chr1	72392999	72400816	+	0.009983

Xrcc5	MmuINT0177001	chr1	72400911	72403390	+	0.010217
Xrcc5	MmuINT0177002	chr1	72403461	72428192	+	0.010514
Xrcc5	MmuINT0177003	chr1	72428303	72429931	+	0.02634
Xrcc5	MmuINT0177004	chr1	72430029	72430275	+	0.013601
Xrcc5	MmuINT0177005	chr1	72430344	72440469	+	0.02611
Xrcc5	MmuINT0177006	chr1	72357123	72358981	+	0.014027
Xrcc5	MmuINT0177007	chr1	72440542	72441281	+	0.010282
Xrcc5	MmuINT0177008	chr1	72359166	72360727	+	0.016822
Xrcc5	MmuINT0177009	chr1	72360777	72362032	+	0.018996
Xrcc5	MmuINT0177010	chr1	72362156	72365572	+	0.013973
Xrcc5	MmuINT0177011	chr1	72365765	72371647	+	0.016358
Xrcc5	MmuINT0177012	chr1	72371763	72372789	+	0.011919
Xrcc5	MmuINT0177013	chr1	72372929	72376499	+	0.016225
Xrcc5	MmuINT0177014	chr1	72376613	72381209	+	0.015847
Xrcc6	MmuINT0177015	chr15	81846906	81847539	+	0.014603
Xrcc6	MmuINT0177016	chr15	81861693	81866106	+	0.016719
Xrcc6	MmuINT0177017	chr15	81866208	81867886	+	0.016467
Xrcc6	MmuINT0177018	chr15	81868001	81870151	+	0.014122
Xrcc6	MmuINT0177019	chr15	81847629	81849410	+	0.009522
Xrcc6	MmuINT0177020	chr15	81849524	81852874	+	0.007212
Xrcc6	MmuINT0177021	chr15	81853014	81853236	+	0.007608
Xrcc6	MmuINT0177022	chr15	81853492	81855934	+	0.006466
Xrcc6	MmuINT0177023	chr15	81856119	81857654	+	0.004909
Xrcc6	MmuINT0177024	chr15	81857842	81859551	+	0.008195
Xrcc6	MmuINT0177025	chr15	81859721	81859992	+	0.015124
Xrcc6	MmuINT0177026	chr15	81860155	81861562	+	0.024563
Xrcc6bp1	MmuINT0177029	chr10	1.26E+08	1.26E+08	-	0.050876
Xrcc6bp1	MmuINT0177030	chr10	1.26E+08	1.26E+08	-	0.051785
Xrcc6bp1	MmuINT0177031	chr10	1.26E+08	1.26E+08	-	0.051935
Xrn1	MmuINT0177033	chr9	95855363	95864389	+	0.063661
Xrn1	MmuINT0177034	chr9	95875319	95877948	+	0.038348
Xrn1	MmuINT0177035	chr9	95878016	95878215	+	0.046987
Xrn1	MmuINT0177037	chr9	95879644	95882193	+	0.052337
Xrn1	MmuINT0177038	chr9	95882351	95885602	+	0.057187
Xrn1	MmuINT0177039	chr9	95885723	95889255	+	0.041931
Xrn1	MmuINT0177040	chr9	95889426	95891394	+	0.039798
Xrn1	MmuINT0177041	chr9	95891516	95891607	+	0.037482
Xrn1	MmuINT0177042	chr9	95891707	95895518	+	0.039349
Xrn1	MmuINT0177043	chr9	95895623	95898634	+	0.037446
Xrn1	MmuINT0177044	chr9	95864623	95868130	+	0.043439
Xrn1	MmuINT0177045	chr9	95898767	95899832	+	0.038993
Xrn1	MmuINT0177046	chr9	95899996	95902553	+	0.055509
Xrn1	MmuINT0177047	chr9	95902668	95904262	+	0.03126
Xrn1	MmuINT0177048	chr9	95904362	95906415	+	0.046914
Xrn1	MmuINT0177049	chr9	95906532	95907119	+	0.069317
Xrn1	MmuINT0177050	chr9	95907267	95911629	+	0.050249
Xrn1	MmuINT0177051	chr9	95911720	95911942	+	0.050288
Xrn1	MmuINT0177052	chr9	95912079	95918169	+	0.072876
Xrn1	MmuINT0177053	chr9	95918227	95918465	+	0.04662
Xrn1	MmuINT0177054	chr9	95918599	95922224	+	0.065383

Xrn1	MmulINT0177056	chr9	95922295	95924440	+	0.052936
Xrn1	MmulINT0177057	chr9	95924640	95927256	+	0.040085
Xrn1	MmulINT0177058	chr9	95927353	95934003	+	0.087985
Xrn1	MmulINT0177059	chr9	95934113	95936053	+	0.076898
Xrn1	MmulINT0177060	chr9	95936116	95939037	+	0.048672
Xrn1	MmulINT0177061	chr9	95939149	95939297	+	0.105045
Xrn1	MmulINT0177062	chr9	95939421	95940118	+	0.075292
Xrn1	MmulINT0177064	chr9	95946081	95948201	+	0.048556
Xrn1	MmulINT0177065	chr9	95948316	95948759	+	0.030136
Xrn1	MmulINT0177066	chr9	95869762	95869865	+	0.046365
Xrn1	MmulINT0177067	chr9	95948863	95952012	+	0.093739
Xrn1	MmulINT0177068	chr9	95952174	95952931	+	0.025168
Xrn1	MmulINT0177069	chr9	95869977	95871147	+	0.060659
Xrn2	MmulINT0177074	chr2	1.47E+08	1.47E+08	+	0.03052
Xrn2	MmulINT0177075	chr2	1.47E+08	1.47E+08	+	0.008814
Xrn2	MmulINT0177076	chr2	1.47E+08	1.47E+08	+	0.01732
Xrn2	MmulINT0177077	chr2	1.47E+08	1.47E+08	+	0.031713
Xrn2	MmulINT0177078	chr2	1.47E+08	1.47E+08	+	0.011493
Xrn2	MmulINT0177079	chr2	1.47E+08	1.47E+08	+	0.012394
Xrn2	MmulINT0177080	chr2	1.47E+08	1.47E+08	+	0.007296
Xrn2	MmulINT0177081	chr2	1.47E+08	1.47E+08	+	0.007168
Xrn2	MmulINT0177082	chr2	1.47E+08	1.47E+08	+	0.009595
Xrn2	MmulINT0177083	chr2	1.47E+08	1.47E+08	+	0.011233
Xrn2	MmulINT0177084	chr2	1.47E+08	1.47E+08	+	0.013554
Xrn2	MmulINT0177085	chr2	1.47E+08	1.47E+08	+	0.015597
Xrn2	MmulINT0177086	chr2	1.47E+08	1.47E+08	+	0.011046
Xrn2	MmulINT0177087	chr2	1.47E+08	1.47E+08	+	0.011152
Xrn2	MmulINT0177088	chr2	1.47E+08	1.47E+08	+	0.008277
Xrn2	MmulINT0177089	chr2	1.47E+08	1.47E+08	+	0.012624
Xrn2	MmulINT0177090	chr2	1.47E+08	1.47E+08	+	0.029636
Xrn2	MmulINT0177091	chr2	1.47E+08	1.47E+08	+	0.008257
Xrn2	MmulINT0177092	chr2	1.47E+08	1.47E+08	+	0.006205
Xrn2	MmulINT0177093	chr2	1.47E+08	1.47E+08	+	0.020374
Xrn2	MmulINT0177094	chr2	1.47E+08	1.47E+08	+	0.011117
Xrn2	MmulINT0177095	chr2	1.47E+08	1.47E+08	+	0.035173
Xrn2	MmulINT0177096	chr2	1.47E+08	1.47E+08	+	0.008265
Xrn2	MmulINT0177097	chr2	1.47E+08	1.47E+08	+	0.016637
Xrn2	MmulINT0177098	chr2	1.47E+08	1.47E+08	+	0.019083
Xrn2	MmulINT0177099	chr2	1.47E+08	1.47E+08	+	0.020966
Xrn2	MmulINT0177100	chr2	1.47E+08	1.47E+08	+	0.019559
Xrn2	MmulINT0177101	chr2	1.47E+08	1.47E+08	+	0.014866
Xrn2	MmulINT0177102	chr2	1.47E+08	1.47E+08	+	0.010211
Xylt2	MmulINT0177151	chr11	94526224	94527511	-	0.019562
Xylt2	MmulINT0177152	chr11	94531397	94531621	-	0.03938
Xylt2	MmulINT0177153	chr11	94530958	94531220	-	0.0292
Xylt2	MmulINT0177154	chr11	94530122	94530754	-	0.018415
Xylt2	MmulINT0177155	chr11	94529856	94530040	-	0.024653
Xylt2	MmulINT0177156	chr11	94529552	94529638	-	0.039212
Xylt2	MmulINT0177157	chr11	94529161	94529374	-	0.034718
Xylt2	MmulINT0177158	chr11	94528609	94528897	-	0.027093

Xylt2	MmuINT0177159	chr11	94527846	94528412	-	0.285128
Yaf2	MmuINT0177161	chr15	93116994	93166770	-	0.010176
Yaf2	MmuINT0177162	chr15	93116054	93116840	-	0.006409
Yap1	MmuINT0177165	chr9	8001708	8004114	-	0.007566
Yap1	MmuINT0177166	chr9	7973912	8001456	-	0.010312
Yap1	MmuINT0177167	chr9	7962403	7973795	-	0.002974
Yap1	MmuINT0177168	chr9	7953135	7962288	-	0.004866
Yap1	MmuINT0177169	chr9	7950540	7952952	-	0.025619
Yap1	MmuINT0177170	chr9	7938539	7950491	-	0.03632
Yap1	MmuINT0177171	chr9	7936628	7938407	-	0.007299
Yap1	MmuINT0177172	chr9	7934733	7936514	-	0.006366
Yars	MmuINT0177174	chr4	1.29E+08	1.29E+08	+	0.007829
Yars	MmuINT0177175	chr4	1.29E+08	1.29E+08	+	0.015856
Yars	MmuINT0177176	chr4	1.29E+08	1.29E+08	+	0.037827
Yars	MmuINT0177177	chr4	1.29E+08	1.29E+08	+	0.011403
Yars	MmuINT0177178	chr4	1.29E+08	1.29E+08	+	0.007069
Yars	MmuINT0177179	chr4	1.29E+08	1.29E+08	+	0.013166
Yars	MmuINT0177180	chr4	1.29E+08	1.29E+08	+	0.011298
Yars	MmuINT0177181	chr4	1.29E+08	1.29E+08	+	0.009985
Yars	MmuINT0177182	chr4	1.29E+08	1.29E+08	+	0.031826
Yars	MmuINT0177183	chr4	1.29E+08	1.29E+08	+	0.017101
Yars	MmuINT0177184	chr4	1.29E+08	1.29E+08	+	0.027532
Yars	MmuINT0177185	chr4	1.29E+08	1.29E+08	+	0.01094
Yars2	MmuINT0177186	chr16	16303841	16304628	+	0.007838
Yars2	MmuINT0177187	chr16	16304797	16306555	+	0.011402
Yars2	MmuINT0177188	chr16	16306712	16307302	+	0.004496
Yars2	MmuINT0177189	chr16	16307474	16309424	+	0.019403
Ybx1	MmuINT0177190	chr4	1.19E+08	1.19E+08	-	0.001706
Ybx2	MmuINT0177197	chr11	69749751	69750398	+	0.482006
Ybx2	MmuINT0177198	chr11	69750463	69751843	+	0.569259
Ybx2	MmuINT0177199	chr11	69751878	69752739	+	0.540576
Ybx2	MmuINT0177200	chr11	69752830	69753375	+	0.535675
Ybx2	MmuINT0177201	chr11	69753661	69753829	+	0.010854
Ybx2	MmuINT0177202	chr11	69753934	69754091	+	0.023971
Ybx2	MmuINT0177203	chr11	69754270	69754547	+	0.042967
Ybx2	MmuINT0177204	chr11	69754633	69754727	+	0.01094
Ydjc	MmuINT0177205	chr16	17147240	17147325	+	0.06186
Ydjc	MmuINT0177206	chr16	17147486	17147690	+	0.060427
Ydjc	MmuINT0177208	chr16	17148068	17148248	+	0.407497
Yeats2	MmuINT0177210	chr16	20186564	20189411	+	0.031863
Yeats2	MmuINT0177215	chr16	20203987	20206156	+	0.047503
Yeats2	MmuINT0177218	chr16	20208651	20210104	+	0.030481
Yeats2	MmuINT0177219	chr16	20210282	20211641	+	0.053748
Yeats2	MmuINT0177221	chr16	20211823	20213339	+	0.055391
Yeats2	MmuINT0177222	chr16	20213469	20214463	+	0.049039
Yeats2	MmuINT0177223	chr16	20214566	20218456	+	0.047413
Yeats2	MmuINT0177224	chr16	20218560	20219690	+	0.086463
Yeats2	MmuINT0177225	chr16	20219765	20221746	+	0.064477
Yeats2	MmuINT0177226	chr16	20221827	20222812	+	0.055536
Yeats2	MmuINT0177227	chr16	20223015	20227785	+	0.026382

Yeats2	MmulINT0177228	chr16	20228013	20228769	+	0.068408
Yeats2	MmulINT0177229	chr16	20228845	20229570	+	0.089101
Yeats2	MmulINT0177230	chr16	20229645	20230837	+	0.072455
Yeats4	MmulINT0177239	chr10	1.17E+08	1.17E+08	-	0.007176
Yeats4	MmulINT0177240	chr10	1.17E+08	1.17E+08	-	0.010904
Yeats4	MmulINT0177241	chr10	1.17E+08	1.17E+08	-	0.012036
Yeats4	MmulINT0177242	chr10	1.17E+08	1.17E+08	-	0.043772
Yeats4	MmulINT0177243	chr10	1.17E+08	1.17E+08	-	0.005303
Yeats4	MmulINT0177244	chr10	1.17E+08	1.17E+08	-	0.022038
Yes1	MmulINT0177246	chr5	32963279	32966641	+	0.01528
Yes1	MmulINT0177247	chr5	32966774	32986923	+	0.017714
Yes1	MmulINT0177248	chr5	32942977	32947380	+	0.033465
Yes1	MmulINT0177249	chr5	32947481	32954029	+	0.038871
Yes1	MmulINT0177250	chr5	32954129	32955335	+	0.02039
Yes1	MmulINT0177251	chr5	32955440	32955529	+	0.050161
Yes1	MmulINT0177252	chr5	32955680	32957478	+	0.024745
Yes1	MmulINT0177253	chr5	32957635	32957800	+	0.019491
Yes1	MmulINT0177254	chr5	32957981	32961407	+	0.076139
Yes1	MmulINT0177255	chr5	32961485	32963124	+	0.036254
Yif1a	MmulINT0177256	chr19	5088749	5089418	+	0.002361
Yif1a	MmulINT0177257	chr19	5089631	5089771	+	0.002185
Yif1a	MmulINT0177258	chr19	5089877	5090003	+	0.002201
Yif1a	MmulINT0177259	chr19	5090083	5091367	+	0.002704
Yif1a	MmulINT0177260	chr19	5091426	5091540	+	0.002657
Yif1a	MmulINT0177261	chr19	5091697	5092128	+	0.002004
Yif1a	MmulINT0177262	chr19	5092223	5092301	+	0.003365
Yif1b	MmulINT0177263	chr7	30029322	30029417	+	0.003893
Yif1b	MmulINT0177264	chr7	30029523	30029613	+	0.006313
Yif1b	MmulINT0177265	chr7	30029693	30029800	+	0.007237
Yif1b	MmulINT0177266	chr7	30029859	30030684	+	0.003733
Yif1b	MmulINT0177267	chr7	30030841	30030919	+	0.011382
Yif1b	MmulINT0177268	chr7	30031014	30032255	+	0.005054
Yipf1	MmulINT0177270	chr4	1.07E+08	1.07E+08	+	0.009119
Yipf1	MmulINT0177271	chr4	1.07E+08	1.07E+08	+	0.00983
Yipf1	MmulINT0177272	chr4	1.07E+08	1.07E+08	+	0.012937
Yipf1	MmulINT0177273	chr4	1.07E+08	1.07E+08	+	0.017035
Yipf1	MmulINT0177274	chr4	1.07E+08	1.07E+08	+	0.013375
Yipf1	MmulINT0177275	chr4	1.07E+08	1.07E+08	+	0.018755
Yipf1	MmulINT0177276	chr4	1.07E+08	1.07E+08	+	0.014134
Yipf1	MmulINT0177277	chr4	1.07E+08	1.07E+08	+	0.007666
Yipf1	MmulINT0177278	chr4	1.07E+08	1.07E+08	+	0.028943
Yipf2	MmulINT0177279	chr9	21396663	21396971	-	0.41586
Yipf2	MmulINT0177280	chr9	21396425	21396504	-	0.238209
Yipf2	MmulINT0177281	chr9	21395959	21396343	-	0.256623
Yipf2	MmulINT0177282	chr9	21394917	21395870	-	0.234817
Yipf2	MmulINT0177283	chr9	21394722	21394799	-	0.259593
Yipf2	MmulINT0177284	chr9	21394473	21394554	-	0.215786
Yipf2	MmulINT0177285	chr9	21394205	21394289	-	0.16691
Yipf3	MmulINT0177286	chr17	46385278	46385789	+	0.002889
Yipf3	MmulINT0177287	chr17	46385988	46386127	+	0.00501



Yipf3	MmulINT0177288	chr17	46386235	46387359	+	0.010604
Yipf3	MmulINT0177289	chr17	46387406	46387518	+	0.004528
Yipf3	MmulINT0177290	chr17	46387612	46387742	+	0.013103
Yipf3	MmulINT0177291	chr17	46387875	46388062	+	0.016537
Yipf3	MmulINT0177292	chr17	46388177	46388312	+	0.069909
Yipf3	MmulINT0177293	chr17	46388437	46388514	+	0.014911
Yipf4	MmulINT0177294	chr17	74889135	74891685	+	0.005806
Yipf4	MmulINT0177295	chr17	74891846	74893267	+	0.002362
Yipf4	MmulINT0177296	chr17	74893440	74895929	+	0.010418
Yipf4	MmulINT0177297	chr17	74896008	74897648	+	0.004006
Yipf4	MmulINT0177298	chr17	74897763	74898310	+	0.003419
Yipf5	MmulINT0177299	chr18	40378520	40378881	-	0.080517
Yipf5	MmulINT0177300	chr18	40371870	40378399	-	0.038808
Yipf5	MmulINT0177301	chr18	40370548	40371696	-	0.007855
Yipf5	MmulINT0177302	chr18	40367523	40370401	-	0.04
Yipf5	MmulINT0177303	chr18	40366055	40367340	-	0.002987
Yipf6	MmulINT0177304	chrX	96133628	96135111	+	0.015345
Yipf6	MmulINT0177305	chrX	96135241	96135460	+	0.016085
Yipf6	MmulINT0177306	chrX	96135540	96136125	+	0.049362
Yipf6	MmulINT0177307	chrX	96136169	96138116	+	0.045419
Yipf6	MmulINT0177308	chrX	96138246	96138816	+	0.06356
Yipf6	MmulINT0177309	chrX	96138975	96140211	+	0.104439
Yipf7	MmulINT0177310	chr5	69932403	69933799	-	0.00293
Yipf7	MmulINT0177311	chr5	69918594	69932285	-	0.007528
Yipf7	MmulINT0177312	chr5	69912410	69918435	-	0.002543
Yipf7	MmulINT0177313	chr5	69910614	69912263	-	0.011214
Yipf7	MmulINT0177314	chr5	69908438	69910431	-	0.004493
Ykt6	MmulINT0177315	chr11	5856008	5859299	+	0.009904
Ykt6	MmulINT0177316	chr11	5859383	5861190	+	0.00883
Ykt6	MmulINT0177317	chr11	5861292	5862339	+	0.003497
Ykt6	MmulINT0177318	chr11	5862445	5862695	+	0.003776
Ykt6	MmulINT0177319	chr11	5862762	5864563	+	0.03449
Ykt6	MmulINT0177320	chr11	5864666	5866011	+	0.006399
Ylpm1	MmulINT0177321	chr12	86338307	86353838	+	0.015823
Ylpm1	MmulINT0177322	chr12	86384011	86385319	+	0.014462
Ylpm1	MmulINT0177323	chr12	86385475	86389758	+	0.011538
Ylpm1	MmulINT0177324	chr12	86389822	86390082	+	0.017981
Ylpm1	MmulINT0177325	chr12	86390203	86390641	+	0.011805
Ylpm1	MmulINT0177326	chr12	86390819	86390893	+	0.011403
Ylpm1	MmulINT0177327	chr12	86390978	86391238	+	0.014035
Ylpm1	MmulINT0177328	chr12	86391323	86398171	+	0.015913
Ylpm1	MmulINT0177329	chr12	86398253	86401212	+	0.140583
Ylpm1	MmulINT0177330	chr12	86401265	86405920	+	0.057875
Ylpm1	MmulINT0177331	chr12	86406052	86410568	+	0.018679
Ylpm1	MmulINT0177332	chr12	86354076	86354853	+	0.017393
Ylpm1	MmulINT0177333	chr12	86410750	86411054	+	0.044876
Ylpm1	MmulINT0177334	chr12	86355073	86355599	+	0.017541
Ylpm1	MmulINT0177335	chr12	86356544	86369719	+	0.025976
Ylpm1	MmulINT0177336	chr12	86371838	86374866	+	0.01195
Ylpm1	MmulINT0177337	chr12	86374985	86381522	+	0.01558

Ylpm1	MmuINT0177338	chr12	86381944	86382772	+	0.01073
Ylpm1	MmuINT0177339	chr12	86382866	86383071	+	0.015221
Ylpm1	MmuINT0177340	chr12	86383262	86383891	+	0.008783
Yme1l1	MmuINT0177341	chr2	23012252	23015711	+	0.004388
Yme1l1	MmuINT0177342	chr2	23041851	23042385	+	0.013889
Yme1l1	MmuINT0177343	chr2	23042519	23043299	+	0.00441
Yme1l1	MmuINT0177344	chr2	23043363	23046532	+	0.005432
Yme1l1	MmuINT0177345	chr2	23046646	23047926	+	0.004892
Yme1l1	MmuINT0177346	chr2	23048083	23048607	+	0.004946
Yme1l1	MmuINT0177347	chr2	23048760	23050036	+	0.002782
Yme1l1	MmuINT0177348	chr2	23050164	23050254	+	0.006027
Yme1l1	MmuINT0177349	chr2	23050329	23050841	+	0.01144
Yme1l1	MmuINT0177350	chr2	23050929	23052407	+	0.033033
Yme1l1	MmuINT0177352	chr2	23018184	23020018	+	0.004032
Yme1l1	MmuINT0177353	chr2	23020118	23023804	+	0.004608
Yme1l1	MmuINT0177354	chr2	23023915	23028475	+	0.006245
Yme1l1	MmuINT0177355	chr2	23028627	23030688	+	0.008848
Yme1l1	MmuINT0177356	chr2	23030773	23036545	+	0.015766
Yme1l1	MmuINT0177357	chr2	23036629	23038732	+	0.007559
Yme1l1	MmuINT0177358	chr2	23038824	23041697	+	0.013649
Yod1	MmuINT0177359	chr1	1.33E+08	1.33E+08	+	0.116977
Ypel2	MmuINT0177364	chr11	86785625	86807093	-	0.028759
Ypel2	MmuINT0177365	chr11	86759479	86785310	-	0.022821
Ypel2	MmuINT0177366	chr11	86758184	86759434	-	0.019956
Ypel2	MmuINT0177367	chr11	86754191	86758074	-	0.028368
Ypel3	MmuINT0177368	chr7	1.34E+08	1.34E+08	+	0.875462
Ypel3	MmuINT0177369	chr7	1.34E+08	1.34E+08	+	0.016359
Ypel3	MmuINT0177370	chr7	1.34E+08	1.34E+08	+	0.040434
Ypel3	MmuINT0177371	chr7	1.34E+08	1.34E+08	+	0.031519
Ypel5	MmuINT0177376	chr17	73186132	73195618	+	0.005676
Ypel5	MmuINT0177377	chr17	73195784	73197919	+	0.004785
Yrdc	MmuINT0177378	chr4	1.25E+08	1.25E+08	+	0.107464
Yrdc	MmuINT0177379	chr4	1.25E+08	1.25E+08	+	0.033899
Yrdc	MmuINT0177380	chr4	1.25E+08	1.25E+08	+	0.038693
Yrdc	MmuINT0177381	chr4	1.25E+08	1.25E+08	+	0.014732
Ythdc1	MmuINT0177391	chr5	87233617	87244653	+	0.039065
Ythdc1	MmuINT0177392	chr5	87255837	87256979	+	0.015917
Ythdc1	MmuINT0177393	chr5	87257147	87259578	+	0.296818
Ythdc1	MmuINT0177394	chr5	87259662	87260688	+	0.081167
Ythdc1	MmuINT0177395	chr5	87260726	87260797	+	0.077056
Ythdc1	MmuINT0177396	chr5	87260862	87260972	+	0.027099
Ythdc1	MmuINT0177397	chr5	87261036	87262532	+	0.033438
Ythdc1	MmuINT0177398	chr5	87262668	87264708	+	0.043597
Ythdc1	MmuINT0177399	chr5	87244756	87245488	+	0.007936
Ythdc1	MmuINT0177400	chr5	87245818	87245931	+	0.032976
Ythdc1	MmuINT0177401	chr5	87246359	87249110	+	0.007154
Ythdc1	MmuINT0177402	chr5	87249201	87249657	+	0.016969
Ythdc1	MmuINT0177403	chr5	87249712	87250276	+	0.015007
Ythdc1	MmuINT0177404	chr5	87250372	87251620	+	0.01525
Ythdc1	MmuINT0177405	chr5	87251730	87251815	+	0.009874

Ythdc1	MmuINT0177406	chr5	87251934	87255751	+	0.012363
Ythdc2	MmuINT0177410	chr18	45010356	45014256	+	0.048517
Ythdc2	MmuINT0177413	chr18	45014913	45014997	+	0.061157
Ythdc2	MmuINT0177416	chr18	45017948	45019584	+	0.068651
Ythdc2	MmuINT0177417	chr18	45019705	45020030	+	0.044749
Ythdc2	MmuINT0177419	chr18	45020304	45022258	+	0.03185
Ythdc2	MmuINT0177420	chr18	45022386	45023918	+	0.042496
Ythdc2	MmuINT0177421	chr18	45024125	45024514	+	0.034313
Ythdc2	MmuINT0177422	chr18	45024711	45031103	+	0.039615
Ythdc2	MmuINT0177423	chr18	45031214	45032494	+	0.028068
Ythdc2	MmuINT0177424	chr18	45032788	45037271	+	0.05271
Ythdc2	MmuINT0177425	chr18	45037450	45044776	+	0.038829
Ythdc2	MmuINT0177426	chr18	45044981	45045893	+	0.050562
Ythdc2	MmuINT0177427	chr18	45046077	45047261	+	0.060573
Ythdc2	MmuINT0177428	chr18	45047350	45047442	+	0.040844
Ythdc2	MmuINT0177431	chr18	44997162	44999838	+	0.050822
Ythdc2	MmuINT0177432	chr18	44999942	45000916	+	0.048175
Ythdc2	MmuINT0177434	chr18	45004048	45005333	+	0.036568
Ythdf1	MmuINT0177436	chr2	1.81E+08	1.81E+08	-	0.100293
Ythdf1	MmuINT0177437	chr2	1.81E+08	1.81E+08	-	0.012441
Ythdf1	MmuINT0177438	chr2	1.81E+08	1.81E+08	-	0.012405
Ythdf1	MmuINT0177439	chr2	1.81E+08	1.81E+08	-	0.038001
Ythdf2	MmuINT0177440	chr4	1.32E+08	1.32E+08	-	0.025121
Ythdf2	MmuINT0177442	chr4	1.32E+08	1.32E+08	-	0.004981
Ythdf3	MmuINT0177444	chr3	16083521	16083921	+	0.026062
Ythdf3	MmuINT0177445	chr3	16083947	16089477	+	0.013068
Ythdf3	MmuINT0177446	chr3	16089564	16103825	+	0.065351
Ythdf3	MmuINT0177447	chr3	16105425	16113954	+	0.00602
Ywhab	MmuINT0177452	chr2	1.64E+08	1.64E+08	+	0.002693
Ywhab	MmuINT0177453	chr2	1.64E+08	1.64E+08	+	0.01958
Ywhab	MmuINT0177454	chr2	1.64E+08	1.64E+08	+	0.004119
Ywhab	MmuINT0177455	chr2	1.64E+08	1.64E+08	+	0.002432
Ywhab	MmuINT0177456	chr2	1.64E+08	1.64E+08	+	0.00799
Ywhae	MmuINT0177457	chr11	75546594	75565382	+	0.000844
Ywhae	MmuINT0177458	chr11	75565583	75569075	+	0.000506
Ywhae	MmuINT0177459	chr11	75569183	75570318	+	0.000821
Ywhae	MmuINT0177460	chr11	75570526	75572793	+	0.000773
Ywhae	MmuINT0177461	chr11	75572931	75578121	+	0.002085
Ywhag	MmuINT0177462	chr5	1.36E+08	1.36E+08	-	0.00175
Ywhah	MmuINT0177463	chr5	33361804	33369190	+	0.005235
Ywhaz	MmuINT0177468	chr15	36723431	36723899	-	0.281808
Yy1	MmuINT0177474	chr12	1.1E+08	1.1E+08	+	0.062856
Yy1	MmuINT0177475	chr12	1.1E+08	1.1E+08	+	0.020014
Yy1	MmuINT0177476	chr12	1.1E+08	1.1E+08	+	0.039427
Yy1	MmuINT0177477	chr12	1.1E+08	1.1E+08	+	0.008096
Zadh2	MmuINT0177478	chr18	84257766	84263801	+	0.079362
Zbed3	MmuINT0177600	chr13	96095300	96106010	+	0.053597
Zbp1	MmuINT0177604	chr2	1.73E+08	1.73E+08	-	0.063689
Zbtb10	MmuINT0177612	chr3	9252081	9264534	+	0.027101
Zbtb10	MmuINT0177613	chr3	9265421	9278253	+	0.042953

Zbtb10	MmuINT0177614	chr3	9278353	9279955	+	0.067521
Zbtb10	MmuINT0177615	chr3	9280133	9280290	+	0.084452
Zbtb10	MmuINT0177616	chr3	9280464	9280733	+	0.026565
Zbtb16	MmuINT0177629	chr9	48551667	48639847	-	0.008742
Zbtb16	MmuINT0177630	chr9	48525475	48551568	-	0.011887
Zbtb16	MmuINT0177631	chr9	48473431	48525387	-	0.007105
Zbtb16	MmuINT0177632	chr9	48467946	48473259	-	0.091987
Zbtb16	MmuINT0177633	chr9	48465477	48467777	-	0.051039
Zbtb17	MmuINT0177634	chr4	1.41E+08	1.41E+08	+	0.020534
Zbtb17	MmuINT0177635	chr4	1.41E+08	1.41E+08	+	0.041362
Zbtb17	MmuINT0177636	chr4	1.41E+08	1.41E+08	+	0.056985
Zbtb17	MmuINT0177637	chr4	1.41E+08	1.41E+08	+	0.059376
Zbtb17	MmuINT0177638	chr4	1.41E+08	1.41E+08	+	0.055947
Zbtb17	MmuINT0177639	chr4	1.41E+08	1.41E+08	+	0.012693
Zbtb17	MmuINT0177640	chr4	1.41E+08	1.41E+08	+	0.029193
Zbtb17	MmuINT0177641	chr4	1.41E+08	1.41E+08	+	0.022771
Zbtb17	MmuINT0177642	chr4	1.41E+08	1.41E+08	+	0.017037
Zbtb17	MmuINT0177643	chr4	1.41E+08	1.41E+08	+	0.011588
Zbtb17	MmuINT0177644	chr4	1.41E+08	1.41E+08	+	0.019812
Zbtb17	MmuINT0177645	chr4	1.41E+08	1.41E+08	+	0.029692
Zbtb17	MmuINT0177646	chr4	1.41E+08	1.41E+08	+	0.027192
Zbtb17	MmuINT0177647	chr4	1.41E+08	1.41E+08	+	0.02023
Zbtb17	MmuINT0177648	chr4	1.41E+08	1.41E+08	+	0.012197
Zbtb20	MmuINT0177656	chr16	43463100	43569793	+	0.025554
Zbtb20	MmuINT0177658	chr16	43577862	43609439	+	0.013971
Zbtb20	MmuINT0177659	chr16	43611045	43618435	+	0.019977
Zbtb24	MmuINT0177661	chr10	41170337	41170894	+	0.055573
Zbtb24	MmuINT0177662	chr10	41171875	41174833	+	0.302441
Zbtb24	MmuINT0177664	chr10	41175563	41176337	+	0.076171
Zbtb24	MmuINT0177665	chr10	41176422	41182084	+	0.135307
Zbtb24	MmuINT0177666	chr10	41182167	41184082	+	0.049776
Zbtb25	MmuINT0177668	chr12	77451261	77456875	-	0.043851
Zbtb26	MmuINT0177669	chr2	37292520	37298206	-	0.13003
Zbtb32	MmuINT0177672	chr7	31376985	31377930	-	0.936863
Zbtb33	MmuINT0177677	chrX	35543260	35545391	+	0.054699
Zbtb37	MmuINT0177681	chr1	1.63E+08	1.63E+08	-	0.064291
Zbtb37	MmuINT0177682	chr1	1.63E+08	1.63E+08	-	0.065129
Zbtb38	MmuINT0177683	chr9	96618729	96631710	-	0.310755
Zbtb38	MmuINT0177684	chr9	96589449	96618628	-	0.024224
Zbtb4	MmuINT0177686	chr11	69579588	69588877	+	0.034883
Zbtb4	MmuINT0177687	chr11	69588945	69589363	+	0.045662
Zbtb4	MmuINT0177688	chr11	69590392	69590973	+	0.166836
Zbtb40	MmuINT0177689	chr4	1.37E+08	1.37E+08	-	0.064506
Zbtb40	MmuINT0177690	chr4	1.37E+08	1.37E+08	-	0.054126
Zbtb40	MmuINT0177691	chr4	1.37E+08	1.37E+08	-	0.052306
Zbtb40	MmuINT0177692	chr4	1.37E+08	1.37E+08	-	0.139773
Zbtb40	MmuINT0177693	chr4	1.37E+08	1.37E+08	-	0.139794
Zbtb40	MmuINT0177695	chr4	1.37E+08	1.37E+08	-	0.071892
Zbtb40	MmuINT0177698	chr4	1.37E+08	1.37E+08	-	0.051397
Zbtb40	MmuINT0177699	chr4	1.37E+08	1.37E+08	-	0.059372

Zbtb40	MmuINT0177700	chr4	1.37E+08	1.37E+08	-	0.064051
Zbtb40	MmuINT0177702	chr4	1.37E+08	1.37E+08	-	0.073223
Zbtb40	MmuINT0177704	chr4	1.37E+08	1.37E+08	-	0.064202
Zbtb40	MmuINT0177705	chr4	1.37E+08	1.37E+08	-	0.057396
Zbtb41	MmuINT0177708	chr1	1.41E+08	1.41E+08	+	0.034673
Zbtb41	MmuINT0177709	chr1	1.41E+08	1.41E+08	+	0.027207
Zbtb41	MmuINT0177710	chr1	1.41E+08	1.41E+08	+	0.029015
Zbtb41	MmuINT0177711	chr1	1.41E+08	1.41E+08	+	0.072453
Zbtb41	MmuINT0177712	chr1	1.41E+08	1.41E+08	+	0.026606
Zbtb41	MmuINT0177713	chr1	1.41E+08	1.41E+08	+	0.043773
Zbtb41	MmuINT0177714	chr1	1.41E+08	1.41E+08	+	0.030282
Zbtb41	MmuINT0177715	chr1	1.41E+08	1.41E+08	+	0.036503
Zbtb41	MmuINT0177716	chr1	1.41E+08	1.41E+08	+	0.068461
Zbtb43	MmuINT0177719	chr2	33320495	33323952	-	0.368008
Zbtb44	MmuINT0177723	chr9	30838544	30860824	+	0.023048
Zbtb44	MmuINT0177724	chr9	30861899	30869625	+	0.008502
Zbtb44	MmuINT0177725	chr9	30871928	30874243	+	0.004186
Zbtb44	MmuINT0177726	chr9	30874328	30876329	+	0.073221
Zbtb45	MmuINT0177727	chr7	13593679	13595030	-	0.834728
Zbtb45	MmuINT0177728	chr7	13591730	13592372	-	0.041113
Zbtb46	MmuINT0177729	chr2	1.81E+08	1.81E+08	-	0.190599
Zbtb48	MmuINT0177731	chr4	1.51E+08	1.51E+08	-	0.135714
Zbtb48	MmuINT0177732	chr4	1.51E+08	1.51E+08	-	0.152103
Zbtb48	MmuINT0177733	chr4	1.51E+08	1.51E+08	-	0.395101
Zbtb48	MmuINT0177734	chr4	1.51E+08	1.51E+08	-	0.11352
Zbtb48	MmuINT0177735	chr4	1.51E+08	1.51E+08	-	0.430363
Zbtb48	MmuINT0177736	chr4	1.51E+08	1.51E+08	-	0.191413
Zbtb48	MmuINT0177737	chr4	1.51E+08	1.51E+08	-	0.104594
Zbtb48	MmuINT0177738	chr4	1.51E+08	1.51E+08	-	0.111409
Zbtb48	MmuINT0177739	chr4	1.51E+08	1.51E+08	-	0.271402
Zbtb48	MmuINT0177740	chr4	1.51E+08	1.51E+08	-	0.055472
Zbtb49	MmuINT0177747	chr5	38592553	38594734	-	0.288252
Zbtb7a	MmuINT0177751	chr10	80607963	80610714	+	0.015967
Zbtb7b	MmuINT0177752	chr3	89185438	89196956	-	0.053701
Zbtb7b	MmuINT0177753	chr3	89183917	89184265	-	0.011634
Zbtb8a	MmuINT0177761	chr4	1.29E+08	1.29E+08	-	0.171331
Zbtb9	MmuINT0177771	chr17	27110260	27110500	+	0.193551
Zc3h10	MmuINT0177772	chr10	1.28E+08	1.28E+08	-	0.08916
Zc3h10	MmuINT0177773	chr10	1.28E+08	1.28E+08	-	0.038454
Zc3h11a	MmuINT0177774	chr1	1.36E+08	1.36E+08	-	0.895243
Zc3h11a	MmuINT0177775	chr1	1.36E+08	1.36E+08	-	0.002841
Zc3h11a	MmuINT0177777	chr1	1.36E+08	1.36E+08	-	0.006411
Zc3h11a	MmuINT0177778	chr1	1.36E+08	1.36E+08	-	0.000627
Zc3h11a	MmuINT0177780	chr1	1.36E+08	1.36E+08	-	0.008777
Zc3h11a	MmuINT0177781	chr1	1.36E+08	1.36E+08	-	0.004199
Zc3h11a	MmuINT0177782	chr1	1.36E+08	1.36E+08	-	0.008306
Zc3h11a	MmuINT0177783	chr1	1.36E+08	1.36E+08	-	0.00347
Zc3h11a	MmuINT0177785	chr1	1.36E+08	1.36E+08	-	0.000898
Zc3h11a	MmuINT0177786	chr1	1.36E+08	1.36E+08	-	0.005632
Zc3h11a	MmuINT0177788	chr1	1.36E+08	1.36E+08	-	0.009266

Zc3h11a	MmuINT0177789	chr1	1.36E+08	1.36E+08	-	0.003215
Zc3h12a	MmuINT0177790	chr4	1.25E+08	1.25E+08	-	0.033544
Zc3h12a	MmuINT0177791	chr4	1.25E+08	1.25E+08	-	0.121488
Zc3h12a	MmuINT0177792	chr4	1.25E+08	1.25E+08	-	0.03901
Zc3h12a	MmuINT0177793	chr4	1.25E+08	1.25E+08	-	0.032771
Zc3h12a	MmuINT0177794	chr4	1.25E+08	1.25E+08	-	0.037582
Zc3h12c	MmuINT0177804	chr9	51934808	51951779	-	0.056735
Zc3h12c	MmuINT0177805	chr9	51928497	51934667	-	0.039033
Zc3h12c	MmuINT0177806	chr9	51925751	51928261	-	0.05534
Zc3h13	MmuINT0177814	chr14	75723682	75724219	+	0.016679
Zc3h13	MmuINT0177815	chr14	75724412	75727350	+	0.053369
Zc3h13	MmuINT0177816	chr14	75727952	75729480	+	0.026048
Zc3h13	MmuINT0177817	chr14	75729585	75729875	+	0.018328
Zc3h13	MmuINT0177818	chr14	75731067	75731512	+	0.00798
Zc3h13	MmuINT0177819	chr14	75732026	75735731	+	0.023179
Zc3h13	MmuINT0177820	chr14	75735882	75737176	+	0.016228
Zc3h13	MmuINT0177821	chr14	75737378	75739115	+	0.016977
Zc3h13	MmuINT0177822	chr14	75739280	75743400	+	0.03943
Zc3h13	MmuINT0177823	chr14	75691502	75691984	+	0.025385
Zc3h13	MmuINT0177824	chr14	75692095	75693697	+	0.030596
Zc3h13	MmuINT0177825	chr14	75693810	75705595	+	0.021402
Zc3h13	MmuINT0177826	chr14	75705705	75708715	+	0.017799
Zc3h13	MmuINT0177827	chr14	75708856	75709451	+	0.02232
Zc3h13	MmuINT0177828	chr14	75709610	75715687	+	0.027236
Zc3h13	MmuINT0177829	chr14	75715886	75721403	+	0.019416
Zc3h13	MmuINT0177830	chr14	75721712	75723030	+	0.009636
Zc3h14	MmuINT0177835	chr12	1E+08	1E+08	+	0.03026
Zc3h14	MmuINT0177836	chr12	1E+08	1E+08	+	0.004204
Zc3h14	MmuINT0177837	chr12	99985733	99990987	+	0.008937
Zc3h14	MmuINT0177838	chr12	99991103	99994394	+	0.003917
Zc3h14	MmuINT0177839	chr12	99994436	99995218	+	0.00483
Zc3h14	MmuINT0177840	chr12	99995415	99996721	+	0.002063
Zc3h14	MmuINT0177843	chr12	99998621	1E+08	+	0.002167
Zc3h14	MmuINT0177844	chr12	1E+08	1E+08	+	0.076583
Zc3h15	MmuINT0177850	chr2	83484885	83493514	+	0.001622
Zc3h15	MmuINT0177852	chr2	83497285	83498165	+	0.003125
Zc3h15	MmuINT0177855	chr2	83500398	83501303	+	0.001057
Zc3h15	MmuINT0177856	chr2	83501451	83501589	+	0.00075
Zc3h15	MmuINT0177858	chr2	83502430	83503976	+	0.003635
Zc3h18	MmuINT0177859	chr8	1.25E+08	1.25E+08	+	0.008903
Zc3h18	MmuINT0177860	chr8	1.25E+08	1.25E+08	+	0.006202
Zc3h18	MmuINT0177861	chr8	1.25E+08	1.25E+08	+	0.044443
Zc3h18	MmuINT0177862	chr8	1.25E+08	1.25E+08	+	0.028711
Zc3h18	MmuINT0177863	chr8	1.25E+08	1.25E+08	+	0.017146
Zc3h18	MmuINT0177864	chr8	1.25E+08	1.25E+08	+	0.091262
Zc3h18	MmuINT0177869	chr8	1.25E+08	1.25E+08	+	0.002628
Zc3h18	MmuINT0177873	chr8	1.25E+08	1.25E+08	+	0.001035
Zc3h18	MmuINT0177876	chr8	1.25E+08	1.25E+08	+	0.017346
Zc3h3	MmuINT0177883	chr15	75616068	75639957	-	0.031918
Zc3h4	MmuINT0177890	chr7	17011170	17014339	+	0.049254

Zc3h4	MmuINT0177891	chr7	17014699	17014879	+	0.025918
Zc3h4	MmuINT0177892	chr7	17015260	17018122	+	0.094096
Zc3h4	MmuINT0177893	chr7	17018372	17019369	+	0.074104
Zc3h4	MmuINT0177894	chr7	17002342	17002639	+	0.010265
Zc3h4	MmuINT0177895	chr7	17002751	17005506	+	0.008548
Zc3h4	MmuINT0177896	chr7	17005730	17006704	+	0.01494
Zc3h4	MmuINT0177897	chr7	17006857	17007537	+	0.014007
Zc3h4	MmuINT0177898	chr7	17007635	17007726	+	0.020793
Zc3h4	MmuINT0177899	chr7	17007867	17009196	+	0.02133
Zc3h4	MmuINT0177900	chr7	17009308	17010603	+	0.015799
Zc3h4	MmuINT0177901	chr7	17010716	17011059	+	0.014374
Zc3h6	MmuINT0177902	chr2	1.29E+08	1.29E+08	+	0.629535
Zc3h6	MmuINT0177904	chr2	1.29E+08	1.29E+08	+	0.052748
Zc3h6	MmuINT0177905	chr2	1.29E+08	1.29E+08	+	0.060004
Zc3h6	MmuINT0177906	chr2	1.29E+08	1.29E+08	+	0.061553
Zc3h6	MmuINT0177907	chr2	1.29E+08	1.29E+08	+	0.040073
Zc3h6	MmuINT0177908	chr2	1.29E+08	1.29E+08	+	0.047245
Zc3h6	MmuINT0177909	chr2	1.29E+08	1.29E+08	+	0.056451
Zc3h6	MmuINT0177910	chr2	1.29E+08	1.29E+08	+	0.063133
Zc3h6	MmuINT0177912	chr2	1.29E+08	1.29E+08	+	0.060499
Zc3h7a	MmuINT0177914	chr16	11164787	11176312	-	0.023493
Zc3h7a	MmuINT0177915	chr16	11152024	11153151	-	0.435681
Zc3h7a	MmuINT0177916	chr16	11151419	11151958	-	0.569855
Zc3h7a	MmuINT0177917	chr16	11150850	11151231	-	0.027017
Zc3h7a	MmuINT0177919	chr16	11148639	11149303	-	0.013441
Zc3h7a	MmuINT0177920	chr16	11147544	11148537	-	0.009551
Zc3h7a	MmuINT0177921	chr16	11146537	11147361	-	0.044176
Zc3h7a	MmuINT0177922	chr16	11145873	11146459	-	0.010929
Zc3h7a	MmuINT0177923	chr16	11145379	11145738	-	0.098805
Zc3h7a	MmuINT0177924	chr16	11162771	11164682	-	0.023559
Zc3h7a	MmuINT0177925	chr16	11140944	11141755	-	0.065601
Zc3h7a	MmuINT0177926	chr16	11139278	11140809	-	0.020219
Zc3h7a	MmuINT0177927	chr16	11137579	11139113	-	0.015547
Zc3h7a	MmuINT0177928	chr16	11161295	11162732	-	0.019662
Zc3h7a	MmuINT0177929	chr16	11159218	11161096	-	0.021188
Zc3h7a	MmuINT0177930	chr16	11158857	11159058	-	0.037401
Zc3h7a	MmuINT0177931	chr16	11158686	11158775	-	0.048066
Zc3h7a	MmuINT0177933	chr16	11156394	11156620	-	0.022504
Zc3h7a	MmuINT0177934	chr16	11153357	11156112	-	0.082655
Zc3h7b	MmuINT0177935	chr15	81575777	81598424	+	0.006259
Zc3h7b	MmuINT0177936	chr15	81607533	81608302	+	0.005062
Zc3h7b	MmuINT0177937	chr15	81608362	81609039	+	0.007946
Zc3h7b	MmuINT0177938	chr15	81609140	81609538	+	0.003807
Zc3h7b	MmuINT0177939	chr15	81609701	81610833	+	0.003168
Zc3h7b	MmuINT0177940	chr15	81611040	81612388	+	0.024143
Zc3h7b	MmuINT0177941	chr15	81612490	81613454	+	0.00323
Zc3h7b	MmuINT0177942	chr15	81613637	81616311	+	0.030663
Zc3h7b	MmuINT0177943	chr15	81616398	81622361	+	0.003961
Zc3h7b	MmuINT0177944	chr15	81622496	81622659	+	0.004132
Zc3h7b	MmuINT0177945	chr15	81622766	81622892	+	0.006098

Zc3h7b	MmuINT0177946	chr15	81598484	81599262	+	0.005745
Zc3h7b	MmuINT0177947	chr15	81623002	81623209	+	0.003862
Zc3h7b	MmuINT0177948	chr15	81623344	81623449	+	0.003246
Zc3h7b	MmuINT0177949	chr15	81623614	81623930	+	0.010365
Zc3h7b	MmuINT0177950	chr15	81599297	81599413	+	0.004698
Zc3h7b	MmuINT0177951	chr15	81599612	81602167	+	0.004795
Zc3h7b	MmuINT0177952	chr15	81602327	81602857	+	0.005088
Zc3h7b	MmuINT0177953	chr15	81602939	81603715	+	0.00699
Zc3h7b	MmuINT0177954	chr15	81603773	81606235	+	0.006476
Zc3h7b	MmuINT0177955	chr15	81606279	81606707	+	0.010175
Zc3h7b	MmuINT0177956	chr15	81606902	81607210	+	0.004652
Zc3h8	MmuINT0177957	chr2	1.29E+08	1.29E+08	-	0.021468
Zc3h8	MmuINT0177958	chr2	1.29E+08	1.29E+08	-	0.013054
Zc3h8	MmuINT0177959	chr2	1.29E+08	1.29E+08	-	0.037681
Zc3h8	MmuINT0177960	chr2	1.29E+08	1.29E+08	-	0.013426
Zc3h8	MmuINT0177961	chr2	1.29E+08	1.29E+08	-	0.017882
Zc3h8	MmuINT0177962	chr2	1.29E+08	1.29E+08	-	0.131871
Zc3h8	MmuINT0177963	chr2	1.29E+08	1.29E+08	-	0.063405
Zc3h8	MmuINT0177964	chr2	1.29E+08	1.29E+08	-	0.233507
Zc3hav1	MmuINT0177965	chr6	38261721	38262393	-	0.061584
Zc3hav1	MmuINT0177966	chr6	38261312	38261589	-	0.034465
Zc3hav1	MmuINT0177967	chr6	38290356	38303914	-	0.021678
Zc3hav1	MmuINT0177968	chr6	38286665	38290219	-	0.0315
Zc3hav1	MmuINT0177969	chr6	38283189	38286411	-	0.020855
Zc3hav1	MmuINT0177970	chr6	38281862	38282141	-	0.040944
Zc3hav1	MmuINT0177971	chr6	38279273	38281762	-	0.028555
Zc3hav1	MmuINT0177972	chr6	38275367	38279148	-	0.029828
Zc3hav1	MmuINT0177973	chr6	38269825	38275191	-	0.030113
Zc3hc1	MmuINT0177977	chr6	30337533	30340856	-	0.017337
Zc3hc1	MmuINT0177979	chr6	30332688	30337420	-	0.009583
Zc3hc1	MmuINT0177980	chr6	30331865	30332536	-	0.015869
Zc3hc1	MmuINT0177981	chr6	30326067	30331780	-	0.01581
Zc3hc1	MmuINT0177982	chr6	30324920	30325938	-	0.018225
Zc3hc1	MmuINT0177983	chr6	30323484	30324764	-	0.008909
Zc3hc1	MmuINT0177984	chr6	30322951	30323242	-	0.010325
Zc3hc1	MmuINT0177985	chr6	30320472	30322737	-	0.009354
Zcchc10	MmuINT0177991	chr11	53138244	53140770	+	0.028854
Zcchc10	MmuINT0177992	chr11	53140930	53144188	+	0.067899
Zcchc10	MmuINT0177993	chr11	53144234	53145803	+	0.111215
Zcchc11	MmuINT0177995	chr4	1.08E+08	1.08E+08	+	0.013142
Zcchc11	MmuINT0177996	chr4	1.08E+08	1.08E+08	+	0.013103
Zcchc11	MmuINT0177997	chr4	1.08E+08	1.08E+08	+	0.012478
Zcchc11	MmuINT0177998	chr4	1.08E+08	1.08E+08	+	0.014013
Zcchc11	MmuINT0177999	chr4	1.08E+08	1.08E+08	+	0.021528
Zcchc11	MmuINT0178000	chr4	1.08E+08	1.08E+08	+	0.015659
Zcchc11	MmuINT0178001	chr4	1.08E+08	1.08E+08	+	0.027358
Zcchc11	MmuINT0178002	chr4	1.08E+08	1.08E+08	+	0.04585
Zcchc11	MmuINT0178003	chr4	1.08E+08	1.08E+08	+	0.026162
Zcchc11	MmuINT0178004	chr4	1.08E+08	1.08E+08	+	0.020822
Zcchc11	MmuINT0178005	chr4	1.08E+08	1.08E+08	+	0.043407



Zcchc11	MmuINT0178006	chr4	1.08E+08	1.08E+08	+	0.015994
Zcchc11	MmuINT0178007	chr4	1.08E+08	1.08E+08	+	0.016367
Zcchc11	MmuINT0178008	chr4	1.08E+08	1.08E+08	+	0.013079
Zcchc11	MmuINT0178009	chr4	1.08E+08	1.08E+08	+	0.024916
Zcchc11	MmuINT0178010	chr4	1.08E+08	1.08E+08	+	0.027728
Zcchc11	MmuINT0178011	chr4	1.08E+08	1.08E+08	+	0.016564
Zcchc11	MmuINT0178012	chr4	1.08E+08	1.08E+08	+	0.178197
Zcchc11	MmuINT0178013	chr4	1.08E+08	1.08E+08	+	0.013856
Zcchc11	MmuINT0178014	chr4	1.08E+08	1.08E+08	+	0.026676
Zcchc11	MmuINT0178015	chr4	1.08E+08	1.08E+08	+	0.016504
Zcchc11	MmuINT0178016	chr4	1.08E+08	1.08E+08	+	0.015109
Zcchc11	MmuINT0178017	chr4	1.08E+08	1.08E+08	+	0.016157
Zcchc11	MmuINT0178018	chr4	1.08E+08	1.08E+08	+	0.015608
Zcchc11	MmuINT0178019	chr4	1.08E+08	1.08E+08	+	0.019893
Zcchc11	MmuINT0178020	chr4	1.08E+08	1.08E+08	+	0.023104
Zcchc11	MmuINT0178021	chr4	1.08E+08	1.08E+08	+	0.024646
Zcchc11	MmuINT0178022	chr4	1.08E+08	1.08E+08	+	0.046082
Zcchc11	MmuINT0178023	chr4	1.08E+08	1.08E+08	+	0.025827
Zcchc14	MmuINT0178028	chr8	1.24E+08	1.24E+08	-	0.039404
Zcchc14	MmuINT0178029	chr8	1.24E+08	1.24E+08	-	0.167957
Zcchc14	MmuINT0178030	chr8	1.24E+08	1.24E+08	-	0.015642
Zcchc14	MmuINT0178032	chr8	1.24E+08	1.24E+08	-	0.031024
Zcchc14	MmuINT0178033	chr8	1.24E+08	1.24E+08	-	0.04065
Zcchc14	MmuINT0178035	chr8	1.24E+08	1.24E+08	-	0.035085
Zcchc14	MmuINT0178036	chr8	1.24E+08	1.24E+08	-	0.040552
Zcchc14	MmuINT0178038	chr8	1.24E+08	1.24E+08	-	0.111795
Zcchc14	MmuINT0178039	chr8	1.24E+08	1.24E+08	-	0.014148
Zcchc17	MmuINT0178046	chr4	1.3E+08	1.3E+08	-	0.008768
Zcchc17	MmuINT0178047	chr4	1.3E+08	1.3E+08	-	0.007076
Zcchc17	MmuINT0178048	chr4	1.3E+08	1.3E+08	-	0.007884
Zcchc17	MmuINT0178050	chr4	1.3E+08	1.3E+08	-	0.015057
Zcchc17	MmuINT0178052	chr4	1.3E+08	1.3E+08	-	0.002367
Zcchc2	MmuINT0178056	chr1	1.08E+08	1.08E+08	+	0.060405
Zcchc2	MmuINT0178057	chr1	1.08E+08	1.08E+08	+	0.041664
Zcchc2	MmuINT0178058	chr1	1.08E+08	1.08E+08	+	0.293718
Zcchc2	MmuINT0178059	chr1	1.08E+08	1.08E+08	+	0.252809
Zcchc2	MmuINT0178060	chr1	1.08E+08	1.08E+08	+	0.432264
Zcchc2	MmuINT0178061	chr1	1.08E+08	1.08E+08	+	0.059952
Zcchc2	MmuINT0178062	chr1	1.08E+08	1.08E+08	+	0.05948
Zcchc2	MmuINT0178063	chr1	1.08E+08	1.08E+08	+	0.037571
Zcchc2	MmuINT0178064	chr1	1.08E+08	1.08E+08	+	0.037278
Zcchc2	MmuINT0178068	chr1	1.08E+08	1.08E+08	+	0.031512
Zcchc24	MmuINT0178069	chr14	26576698	26588096	-	0.00987
Zcchc24	MmuINT0178070	chr14	26539278	26576496	-	0.00663
Zcchc24	MmuINT0178071	chr14	26534889	26539112	-	0.025818
Zcchc4	MmuINT0178072	chr5	53174454	53175227	+	0.058522
Zcchc4	MmuINT0178073	chr5	53207477	53209845	+	0.106803
Zcchc4	MmuINT0178074	chr5	53209898	53210359	+	0.049467
Zcchc4	MmuINT0178075	chr5	53175347	53176336	+	0.045297
Zcchc4	MmuINT0178076	chr5	53176420	53187215	+	0.032005

Zcchc4	MmuINT0178077	chr5	53187492	53187820	+	0.038346
Zcchc4	MmuINT0178078	chr5	53187899	53195617	+	0.065763
Zcchc4	MmuINT0178079	chr5	53195691	53198195	+	0.045524
Zcchc4	MmuINT0178080	chr5	53198347	53199498	+	0.025292
Zcchc4	MmuINT0178081	chr5	53199600	53207039	+	0.032007
Zcchc4	MmuINT0178082	chr5	53207162	53207400	+	0.03892
Zcchc6	MmuINT0178084	chr13	59923472	59924441	-	0.292859
Zcchc6	MmuINT0178085	chr13	59906737	59909406	-	0.014484
Zcchc6	MmuINT0178086	chr13	59903558	59906583	-	0.029047
Zcchc6	MmuINT0178087	chr13	59902078	59903376	-	0.022686
Zcchc6	MmuINT0178088	chr13	59900510	59901001	-	0.008472
Zcchc6	MmuINT0178089	chr13	59899118	59900358	-	0.011331
Zcchc6	MmuINT0178090	chr13	59898282	59899030	-	0.028249
Zcchc6	MmuINT0178091	chr13	59895866	59898180	-	0.02193
Zcchc6	MmuINT0178092	chr13	59893241	59895807	-	0.015217
Zcchc6	MmuINT0178093	chr13	59891299	59893136	-	0.010931
Zcchc6	MmuINT0178095	chr13	59918201	59922920	-	0.118576
Zcchc6	MmuINT0178096	chr13	59890623	59890772	-	0.008685
Zcchc6	MmuINT0178097	chr13	59889999	59890544	-	0.007944
Zcchc6	MmuINT0178098	chr13	59887304	59889820	-	0.015645
Zcchc6	MmuINT0178099	chr13	59887174	59887255	-	0.026047
Zcchc6	MmuINT0178100	chr13	59886242	59887081	-	0.023933
Zcchc6	MmuINT0178101	chr13	59883705	59886125	-	0.059006
Zcchc6	MmuINT0178102	chr13	59880177	59883378	-	0.279303
Zcchc6	MmuINT0178103	chr13	59917749	59918018	-	0.012522
Zcchc6	MmuINT0178104	chr13	59917085	59917631	-	0.008166
Zcchc6	MmuINT0178105	chr13	59916316	59916906	-	0.020744
Zcchc6	MmuINT0178106	chr13	59912928	59916226	-	0.047271
Zcchc6	MmuINT0178107	chr13	59912002	59912875	-	0.022496
Zcchc6	MmuINT0178108	chr13	59910866	59911931	-	0.019734
Zcchc7	MmuINT0178110	chr4	44938943	44941989	+	0.0487
Zcchc7	MmuINT0178111	chr4	44942108	44943907	+	0.014899
Zcchc7	MmuINT0178112	chr4	44769565	44774721	+	0.196989
Zcchc7	MmuINT0178113	chr4	44775347	44906404	+	0.042769
Zcchc7	MmuINT0178114	chr4	44906443	44907787	+	0.064721
Zcchc7	MmuINT0178115	chr4	44907914	44908690	+	0.052507
Zcchc8	MmuINT0178116	chr5	1.24E+08	1.24E+08	-	0.055489
Zcchc8	MmuINT0178117	chr5	1.24E+08	1.24E+08	-	0.042267
Zcchc8	MmuINT0178118	chr5	1.24E+08	1.24E+08	-	0.21519
Zcchc8	MmuINT0178119	chr5	1.24E+08	1.24E+08	-	0.050071
Zcchc8	MmuINT0178120	chr5	1.24E+08	1.24E+08	-	0.033445
Zcchc8	MmuINT0178121	chr5	1.24E+08	1.24E+08	-	0.075758
Zcchc8	MmuINT0178122	chr5	1.24E+08	1.24E+08	-	0.036288
Zcchc8	MmuINT0178123	chr5	1.24E+08	1.24E+08	-	0.018116
Zcchc8	MmuINT0178124	chr5	1.24E+08	1.24E+08	-	0.081717
Zcchc8	MmuINT0178125	chr5	1.24E+08	1.24E+08	-	0.086996
Zcchc8	MmuINT0178126	chr5	1.24E+08	1.24E+08	-	0.064987
Zcchc8	MmuINT0178127	chr5	1.24E+08	1.24E+08	-	0.058356
Zcchc8	MmuINT0178128	chr5	1.24E+08	1.24E+08	-	0.017496
Zcchc9	MmuINT0178129	chr13	91945766	91947214	-	0.015944

Zcchc9	MmuINT0178130	chr13	91940622	91945355	-	0.028713
Zcchc9	MmuINT0178131	chr13	91940309	91940470	-	0.02258
Zcchc9	MmuINT0178133	chr13	91936860	91938427	-	0.085629
Zcrb1	MmuINT0178134	chr15	93227687	93228593	-	0.001193
Zcrb1	MmuINT0178138	chr15	93218291	93221481	-	0.006021
Zcrb1	MmuINT0178139	chr15	93218084	93218177	-	0.003295
Zdhhc1	MmuINT0178163	chr8	1.08E+08	1.08E+08	-	0.066205
Zdhhc1	MmuINT0178164	chr8	1.08E+08	1.08E+08	-	0.135875
Zdhhc1	MmuINT0178165	chr8	1.08E+08	1.08E+08	-	0.154612
Zdhhc1	MmuINT0178166	chr8	1.08E+08	1.08E+08	-	0.087476
Zdhhc1	MmuINT0178169	chr8	1.08E+08	1.08E+08	-	0.24847
Zdhhc1	MmuINT0178170	chr8	1.08E+08	1.08E+08	-	0.260069
Zdhhc1	MmuINT0178171	chr8	1.08E+08	1.08E+08	-	0.036908
Zdhhc1	MmuINT0178172	chr8	1.08E+08	1.08E+08	-	0.136653
Zdhhc1	MmuINT0178173	chr8	1.08E+08	1.08E+08	-	0.098584
Zdhhc1	MmuINT0178174	chr8	1.08E+08	1.08E+08	-	0.065819
Zdhhc12	MmuINT0178185	chr2	29947586	29947924	-	0.063878
Zdhhc12	MmuINT0178186	chr2	29947354	29947507	-	0.092365
Zdhhc12	MmuINT0178187	chr2	29947087	29947186	-	0.222236
Zdhhc13	MmuINT0178188	chr7	56044508	56051270	+	0.044106
Zdhhc13	MmuINT0178189	chr7	56066796	56070821	+	0.018747
Zdhhc13	MmuINT0178190	chr7	56070947	56071789	+	0.028663
Zdhhc13	MmuINT0178191	chr7	56071853	56072515	+	0.028343
Zdhhc13	MmuINT0178192	chr7	56072610	56074006	+	0.015302
Zdhhc13	MmuINT0178193	chr7	56074091	56077939	+	0.028023
Zdhhc13	MmuINT0178194	chr7	56078098	56080003	+	0.018648
Zdhhc13	MmuINT0178195	chr7	56080102	56082238	+	0.022417
Zdhhc13	MmuINT0178196	chr7	56051417	56055198	+	0.016241
Zdhhc13	MmuINT0178197	chr7	56055322	56056676	+	0.022312
Zdhhc13	MmuINT0178198	chr7	56056755	56058285	+	0.027003
Zdhhc13	MmuINT0178199	chr7	56058431	56059719	+	0.022186
Zdhhc13	MmuINT0178200	chr7	56059785	56060559	+	0.0201
Zdhhc13	MmuINT0178201	chr7	56060723	56060938	+	0.011803
Zdhhc13	MmuINT0178202	chr7	56061065	56064162	+	0.013341
Zdhhc13	MmuINT0178203	chr7	56064297	56066694	+	0.020772
Zdhhc14	MmuINT0178209	chr17	5725330	5726824	+	0.056588
Zdhhc14	MmuINT0178210	chr17	5726935	5731471	+	0.03586
Zdhhc16	MmuINT0178223	chr19	42008156	42009227	+	0.034885
Zdhhc16	MmuINT0178224	chr19	42016497	42018071	+	0.077113
Zdhhc16	MmuINT0178225	chr19	42009374	42012092	+	0.032244
Zdhhc16	MmuINT0178226	chr19	42012341	42012512	+	0.023566
Zdhhc16	MmuINT0178227	chr19	42012708	42012853	+	0.041583
Zdhhc16	MmuINT0178228	chr19	42012943	42013297	+	0.146269
Zdhhc16	MmuINT0178229	chr19	42013327	42014089	+	0.077283
Zdhhc16	MmuINT0178230	chr19	42014224	42015139	+	0.234086
Zdhhc16	MmuINT0178231	chr19	42015226	42016005	+	0.083036
Zdhhc16	MmuINT0178232	chr19	42016130	42016425	+	0.035556
Zdhhc17	MmuINT0178233	chr10	1.1E+08	1.1E+08	-	0.023617
Zdhhc17	MmuINT0178234	chr10	1.1E+08	1.1E+08	-	0.032667
Zdhhc17	MmuINT0178235	chr10	1.1E+08	1.1E+08	-	0.138333

Zdhhc17	MmuINT0178236	chr10	1.1E+08	1.1E+08	-	0.17948
Zdhhc17	MmuINT0178237	chr10	1.1E+08	1.1E+08	-	0.136837
Zdhhc17	MmuINT0178238	chr10	1.1E+08	1.1E+08	-	0.030441
Zdhhc17	MmuINT0178239	chr10	1.1E+08	1.1E+08	-	0.030633
Zdhhc17	MmuINT0178240	chr10	1.1E+08	1.1E+08	-	0.081662
Zdhhc17	MmuINT0178241	chr10	1.1E+08	1.1E+08	-	0.022791
Zdhhc17	MmuINT0178242	chr10	1.1E+08	1.1E+08	-	0.027144
Zdhhc17	MmuINT0178243	chr10	1.1E+08	1.1E+08	-	0.025201
Zdhhc17	MmuINT0178244	chr10	1.1E+08	1.1E+08	-	0.025724
Zdhhc17	MmuINT0178245	chr10	1.1E+08	1.1E+08	-	0.073961
Zdhhc17	MmuINT0178246	chr10	1.1E+08	1.1E+08	-	0.019424
Zdhhc17	MmuINT0178247	chr10	1.1E+08	1.1E+08	-	0.01312
Zdhhc17	MmuINT0178248	chr10	1.1E+08	1.1E+08	-	0.025437
Zdhhc18	MmuINT0178249	chr4	1.33E+08	1.33E+08	-	0.014139
Zdhhc18	MmuINT0178250	chr4	1.33E+08	1.33E+08	-	0.025101
Zdhhc18	MmuINT0178251	chr4	1.33E+08	1.33E+08	-	0.013619
Zdhhc18	MmuINT0178252	chr4	1.33E+08	1.33E+08	-	0.022419
Zdhhc18	MmuINT0178253	chr4	1.33E+08	1.33E+08	-	0.046773
Zdhhc18	MmuINT0178254	chr4	1.33E+08	1.33E+08	-	0.027602
Zdhhc18	MmuINT0178255	chr4	1.33E+08	1.33E+08	-	0.018036
Zdhhc2	MmuINT0178265	chr8	41553358	41558266	+	0.058837
Zdhhc2	MmuINT0178266	chr8	41558380	41560088	+	0.047996
Zdhhc2	MmuINT0178274	chr8	41549645	41552782	+	0.047095
Zdhhc2	MmuINT0178275	chr8	41552910	41553264	+	0.060315
Zdhhc20	MmuINT0178276	chr14	58497297	58508899	-	0.031264
Zdhhc20	MmuINT0178277	chr14	58458043	58459665	-	0.403642
Zdhhc20	MmuINT0178279	chr14	58455484	58456427	-	0.210088
Zdhhc20	MmuINT0178280	chr14	58492834	58497269	-	0.044037
Zdhhc20	MmuINT0178281	chr14	58484479	58492729	-	0.043511
Zdhhc20	MmuINT0178282	chr14	58477447	58484357	-	0.044378
Zdhhc20	MmuINT0178283	chr14	58476498	58477376	-	0.117165
Zdhhc20	MmuINT0178284	chr14	58475568	58476464	-	0.052603
Zdhhc20	MmuINT0178285	chr14	58465900	58475446	-	0.050576
Zdhhc20	MmuINT0178286	chr14	58462152	58465757	-	0.020192
Zdhhc20	MmuINT0178287	chr14	58459756	58462024	-	0.039908
Zdhhc21	MmuINT0178289	chr4	82493644	82499872	-	0.073368
Zdhhc21	MmuINT0178290	chr4	82490107	82493446	-	0.057199
Zdhhc21	MmuINT0178291	chr4	82484292	82490007	-	0.058461
Zdhhc21	MmuINT0178292	chr4	82481489	82484179	-	0.051011
Zdhhc21	MmuINT0178293	chr4	82466351	82481349	-	0.073497
Zdhhc21	MmuINT0178294	chr4	82452961	82466233	-	0.115276
Zdhhc21	MmuINT0178295	chr4	82452366	82452916	-	0.052465
Zdhhc24	MmuINT0178300	chr19	4880399	4883475	+	0.100671
Zdhhc3	MmuINT0178302	chr9	1.23E+08	1.23E+08	-	0.007837
Zdhhc3	MmuINT0178303	chr9	1.23E+08	1.23E+08	-	0.006897
Zdhhc3	MmuINT0178304	chr9	1.23E+08	1.23E+08	-	0.006546
Zdhhc3	MmuINT0178305	chr9	1.23E+08	1.23E+08	-	0.00961
Zdhhc3	MmuINT0178306	chr9	1.23E+08	1.23E+08	-	0.006642
Zdhhc3	MmuINT0178307	chr9	1.23E+08	1.23E+08	-	0.008808
Zdhhc4	MmuINT0178308	chr5	1.44E+08	1.44E+08	-	0.113806

Zdhhc4	MmuINT0178309	chr5	1.44E+08	1.44E+08	-	0.040453
Zdhhc4	MmuINT0178310	chr5	1.44E+08	1.44E+08	-	0.154872
Zdhhc4	MmuINT0178311	chr5	1.44E+08	1.44E+08	-	0.257775
Zdhhc4	MmuINT0178312	chr5	1.44E+08	1.44E+08	-	0.036938
Zdhhc4	MmuINT0178313	chr5	1.44E+08	1.44E+08	-	0.033101
Zdhhc4	MmuINT0178314	chr5	1.44E+08	1.44E+08	-	0.01259
Zdhhc5	MmuINT0178315	chr2	84551630	84555139	-	0.021148
Zdhhc5	MmuINT0178316	chr2	84530867	84531282	-	0.009081
Zdhhc5	MmuINT0178317	chr2	84529602	84530006	-	0.011009
Zdhhc5	MmuINT0178318	chr2	84542612	84550474	-	0.012127
Zdhhc5	MmuINT0178319	chr2	84536558	84542489	-	0.005289
Zdhhc5	MmuINT0178320	chr2	84534900	84536399	-	0.003691
Zdhhc5	MmuINT0178321	chr2	84534575	84534726	-	0.00508
Zdhhc5	MmuINT0178322	chr2	84533598	84534471	-	0.004102
Zdhhc5	MmuINT0178323	chr2	84532623	84533505	-	0.004082
Zdhhc5	MmuINT0178324	chr2	84532167	84532489	-	0.005119
Zdhhc5	MmuINT0178325	chr2	84531396	84532042	-	0.009099
Zdhhc6	MmuINT0178332	chr19	55379068	55383393	-	0.003253
Zdhhc6	MmuINT0178335	chr19	55377095	55377180	-	0.013149
Zdhhc7	MmuINT0178336	chr8	1.23E+08	1.23E+08	-	0.018647
Zdhhc7	MmuINT0178337	chr8	1.23E+08	1.23E+08	-	0.006625
Zdhhc7	MmuINT0178338	chr8	1.23E+08	1.23E+08	-	0.046177
Zdhhc7	MmuINT0178339	chr8	1.23E+08	1.23E+08	-	0.005788
Zdhhc7	MmuINT0178340	chr8	1.23E+08	1.23E+08	-	0.034193
Zdhhc7	MmuINT0178341	chr8	1.23E+08	1.23E+08	-	0.01413
Zdhhc7	MmuINT0178342	chr8	1.23E+08	1.23E+08	-	0.010843
Zdhhc8	MmuINT0178343	chr16	18228850	18234999	-	0.01167
Zdhhc8	MmuINT0178344	chr16	18223471	18224310	-	0.224991
Zdhhc8	MmuINT0178345	chr16	18228565	18228727	-	0.01692
Zdhhc8	MmuINT0178346	chr16	18228325	18228406	-	0.02119
Zdhhc8	MmuINT0178347	chr16	18227972	18228151	-	0.026435
Zdhhc8	MmuINT0178348	chr16	18227540	18227868	-	0.042673
Zdhhc8	MmuINT0178349	chr16	18227282	18227447	-	0.024693
Zdhhc8	MmuINT0178350	chr16	18226860	18227145	-	0.015941
Zdhhc8	MmuINT0178351	chr16	18226662	18226738	-	0.048983
Zdhhc8	MmuINT0178352	chr16	18225309	18226551	-	0.040965
Zdhhc9	MmuINT0178353	chrX	45560135	45561656	-	0.004845
Zdhhc9	MmuINT0178354	chrX	45547898	45559844	-	0.00607
Zdhhc9	MmuINT0178355	chrX	45544557	45547736	-	0.007117
Zdhhc9	MmuINT0178356	chrX	45536336	45544397	-	0.00733
Zdhhc9	MmuINT0178357	chrX	45535325	45536197	-	0.006075
Zdhhc9	MmuINT0178358	chrX	45534527	45535275	-	0.017801
Zdhhc9	MmuINT0178359	chrX	45531790	45534423	-	0.007672
Zdhhc9	MmuINT0178360	chrX	45531314	45531685	-	0.005571
Zdhhc9	MmuINT0178361	chrX	45526819	45531216	-	0.005122
Zeb1	MmuINT0178362	chr18	5591966	5705040	+	0.015907
Zeb1	MmuINT0178363	chr18	5705242	5748691	+	0.011716
Zeb1	MmuINT0178364	chr18	5748854	5758962	+	0.00877
Zeb1	MmuINT0178365	chr18	5759166	5761325	+	0.010126
Zeb1	MmuINT0178366	chr18	5761432	5766218	+	0.0181

Zeb1	MmuINT0178367	chr18	5768024	5770381	+	0.009806
Zeb1	MmuINT0178368	chr18	5770563	5772426	+	0.012216
Zeb2	MmuINT0178369	chr2	44965678	44968342	-	0.241943
Zeb2	MmuINT0178370	chr2	44878625	44965535	-	0.023305
Zeb2	MmuINT0178371	chr2	44872989	44878366	-	0.032339
Zeb2	MmuINT0178372	chr2	44858225	44872916	-	0.027253
Zeb2	MmuINT0178373	chr2	44857335	44858035	-	0.033582
Zeb2	MmuINT0178374	chr2	44854513	44857119	-	0.019114
Zeb2	MmuINT0178375	chr2	44853516	44854403	-	0.017439
Zeb2	MmuINT0178376	chr2	44850180	44851545	-	0.025328
Zeb2	MmuINT0178377	chr2	44844674	44849998	-	0.031327
Zer1	MmuINT0178378	chr2	29969002	29979795	-	0.016107
Zer1	MmuINT0178379	chr2	29958957	29959058	-	0.016481
Zer1	MmuINT0178380	chr2	29958365	29958836	-	0.009517
Zer1	MmuINT0178381	chr2	29957474	29958248	-	0.006844
Zer1	MmuINT0178382	chr2	29956654	29957284	-	0.107391
Zer1	MmuINT0178383	chr2	29955937	29956555	-	0.047394
Zer1	MmuINT0178384	chr2	29954364	29955833	-	0.033323
Zer1	MmuINT0178385	chr2	29966853	29968765	-	0.007944
Zer1	MmuINT0178386	chr2	29966619	29966701	-	0.009538
Zer1	MmuINT0178388	chr2	29963856	29965724	-	0.006775
Zer1	MmuINT0178389	chr2	29963643	29963740	-	0.015867
Zer1	MmuINT0178390	chr2	29963189	29963495	-	0.029436
Zer1	MmuINT0178391	chr2	29960543	29963014	-	0.107978
Zer1	MmuINT0178392	chr2	29959101	29960326	-	0.04346
Zfand2a	MmuINT0178400	chr5	1.4E+08	1.4E+08	-	0.017898
Zfand2a	MmuINT0178401	chr5	1.4E+08	1.4E+08	-	0.039427
Zfand2a	MmuINT0178402	chr5	1.4E+08	1.4E+08	-	0.013121
Zfand2a	MmuINT0178403	chr5	1.4E+08	1.4E+08	-	0.032636
Zfand2a	MmuINT0178404	chr5	1.4E+08	1.4E+08	-	0.025893
Zfand2b	MmuINT0178406	chr1	75165854	75166073	+	0.027573
Zfand2b	MmuINT0178407	chr1	75166206	75166338	+	0.011326
Zfand2b	MmuINT0178408	chr1	75166491	75166940	+	0.02736
Zfand2b	MmuINT0178409	chr1	75167034	75167112	+	0.11737
Zfand2b	MmuINT0178410	chr1	75167174	75167259	+	0.062108
Zfand2b	MmuINT0178411	chr1	75167328	75167549	+	0.047264
Zfand2b	MmuINT0178412	chr1	75167623	75167809	+	0.015972
Zfand3	MmuINT0178413	chr17	30142254	30197754	+	0.005765
Zfand3	MmuINT0178414	chr17	30197796	30272267	+	0.003248
Zfand3	MmuINT0178415	chr17	30272451	30329507	+	0.028
Zfand3	MmuINT0178416	chr17	30329676	30344962	+	0.004682
Zfand5	MmuINT0178417	chr19	21347233	21350915	+	0.006783
Zfand5	MmuINT0178418	chr19	21351076	21351467	+	0.01185
Zfand5	MmuINT0178420	chr19	21352249	21354114	+	0.012568
Zfand5	MmuINT0178421	chr19	21354241	21354912	+	0.002205
Zfand6	MmuINT0178424	chr7	91782504	91782748	-	0.004075
Zfand6	MmuINT0178426	chr7	91769423	91781165	-	0.010866
Zfand6	MmuINT0178427	chr7	91766474	91769377	-	0.086209
Zfand6	MmuINT0178428	chr7	91764479	91766359	-	0.003108
Zfat	MmuINT0178433	chr15	67950637	67978064	-	0.040659

Zfc3h1	MmuINT0178444	chr10	1.15E+08	1.15E+08	+	0.089918
Zfc3h1	MmuINT0178445	chr10	1.15E+08	1.15E+08	+	0.014005
Zfc3h1	MmuINT0178446	chr10	1.15E+08	1.15E+08	+	0.017413
Zfc3h1	MmuINT0178447	chr10	1.15E+08	1.15E+08	+	0.029046
Zfc3h1	MmuINT0178448	chr10	1.15E+08	1.15E+08	+	0.019184
Zfc3h1	MmuINT0178449	chr10	1.15E+08	1.15E+08	+	0.024294
Zfc3h1	MmuINT0178450	chr10	1.15E+08	1.15E+08	+	0.024694
Zfc3h1	MmuINT0178451	chr10	1.15E+08	1.15E+08	+	0.040418
Zfc3h1	MmuINT0178452	chr10	1.15E+08	1.15E+08	+	0.021103
Zfc3h1	MmuINT0178453	chr10	1.15E+08	1.15E+08	+	0.028869
Zfc3h1	MmuINT0178454	chr10	1.15E+08	1.15E+08	+	0.024217
Zfc3h1	MmuINT0178455	chr10	1.15E+08	1.15E+08	+	0.031062
Zfc3h1	MmuINT0178456	chr10	1.15E+08	1.15E+08	+	0.017727
Zfc3h1	MmuINT0178457	chr10	1.15E+08	1.15E+08	+	0.020923
Zfc3h1	MmuINT0178458	chr10	1.15E+08	1.15E+08	+	0.019421
Zfc3h1	MmuINT0178459	chr10	1.15E+08	1.15E+08	+	0.020261
Zfc3h1	MmuINT0178460	chr10	1.15E+08	1.15E+08	+	0.112432
Zfc3h1	MmuINT0178461	chr10	1.15E+08	1.15E+08	+	0.171509
Zfc3h1	MmuINT0178462	chr10	1.15E+08	1.15E+08	+	0.027073
Zfc3h1	MmuINT0178463	chr10	1.15E+08	1.15E+08	+	0.030953
Zfc3h1	MmuINT0178464	chr10	1.15E+08	1.15E+08	+	0.087228
Zfc3h1	MmuINT0178465	chr10	1.15E+08	1.15E+08	+	0.04953
Zfc3h1	MmuINT0178466	chr10	1.15E+08	1.15E+08	+	0.023247
Zfc3h1	MmuINT0178467	chr10	1.15E+08	1.15E+08	+	0.200102
Zfc3h1	MmuINT0178468	chr10	1.15E+08	1.15E+08	+	0.112418
Zfc3h1	MmuINT0178469	chr10	1.15E+08	1.15E+08	+	0.40066
Zfc3h1	MmuINT0178470	chr10	1.15E+08	1.15E+08	+	0.109729
Zfc3h1	MmuINT0178471	chr10	1.15E+08	1.15E+08	+	0.266641
Zfc3h1	MmuINT0178472	chr10	1.15E+08	1.15E+08	+	0.027218
Zfc3h1	MmuINT0178473	chr10	1.15E+08	1.15E+08	+	0.035898
Zfc3h1	MmuINT0178474	chr10	1.15E+08	1.15E+08	+	0.054668
Zfc3h1	MmuINT0178475	chr10	1.15E+08	1.15E+08	+	0.033687
Zfc3h1	MmuINT0178476	chr10	1.15E+08	1.15E+08	+	0.021238
Zfc3h1	MmuINT0178477	chr10	1.15E+08	1.15E+08	+	0.02198
Zfhx2	MmuINT0178478	chr14	55690937	55691383	-	0.152303
Zfml	MmuINT0178505	chr6	83903382	83904704	+	0.036009
Zfml	MmuINT0178507	chr6	83907587	83908177	+	0.041962
Zfml	MmuINT0178508	chr6	83908247	83909924	+	0.022859
Zfml	MmuINT0178509	chr6	83909963	83911970	+	0.016308
Zfml	MmuINT0178510	chr6	83912103	83915522	+	0.012225
Zfml	MmuINT0178511	chr6	83915652	83916440	+	0.015505
Zfml	MmuINT0178512	chr6	83916483	83917286	+	0.019101
Zfml	MmuINT0178513	chr6	83917422	83919110	+	0.01223
Zfml	MmuINT0178514	chr6	83919234	83922239	+	0.0161
Zfml	MmuINT0178515	chr6	83880160	83884942	+	0.013656
Zfml	MmuINT0178516	chr6	83922278	83926195	+	0.082636
Zfml	MmuINT0178517	chr6	83929904	83931677	+	0.387558
Zfml	MmuINT0178518	chr6	83931780	83933969	+	0.348678
Zfml	MmuINT0178519	chr6	83934069	83934770	+	0.010445
Zfml	MmuINT0178520	chr6	83934890	83936551	+	0.030226

Zfml	MmulINT0178521	chr6	83885005	83891238	+	0.018292
Zfml	MmulINT0178522	chr6	83891278	83892827	+	0.017949
Zfml	MmulINT0178523	chr6	83893136	83894606	+	0.010424
Zfml	MmulINT0178524	chr6	83894882	83896210	+	0.012399
Zfml	MmulINT0178525	chr6	83896358	83897812	+	0.012533
Zfml	MmulINT0178526	chr6	83897936	83903077	+	0.027491
Zfml	MmulINT0178527	chr6	83903137	83903328	+	0.0323
Zfml	MmulINT0178531	chr6	83927424	83928015	+	0.049117
Zfml	MmulINT0178532	chr6	83928082	83928987	+	0.035857
Zfp1	MmulINT0178535	chr8	1.14E+08	1.14E+08	+	0.108426
Zfp1	MmulINT0178536	chr8	1.14E+08	1.14E+08	+	0.040062
Zfp101	MmulINT0178539	chr17	33519532	33523366	-	0.530283
Zfp105	MmulINT0178542	chr9	1.23E+08	1.23E+08	+	0.073367
Zfp106	MmulINT0178543	chr2	1.2E+08	1.2E+08	-	0.002914
Zfp106	MmulINT0178545	chr2	1.2E+08	1.2E+08	-	0.000894
Zfp106	MmulINT0178546	chr2	1.2E+08	1.2E+08	-	0.00093
Zfp106	MmulINT0178547	chr2	1.2E+08	1.2E+08	-	0.001298
Zfp106	MmulINT0178548	chr2	1.2E+08	1.2E+08	-	0.000927
Zfp106	MmulINT0178549	chr2	1.2E+08	1.2E+08	-	0.0009
Zfp106	MmulINT0178550	chr2	1.2E+08	1.2E+08	-	0.001278
Zfp106	MmulINT0178551	chr2	1.2E+08	1.2E+08	-	0.003634
Zfp106	MmulINT0178552	chr2	1.2E+08	1.2E+08	-	0.007134
Zfp106	MmulINT0178553	chr2	1.2E+08	1.2E+08	-	0.007038
Zfp106	MmulINT0178554	chr2	1.2E+08	1.2E+08	-	0.001902
Zfp106	MmulINT0178555	chr2	1.2E+08	1.2E+08	-	0.00189
Zfp106	MmulINT0178556	chr2	1.2E+08	1.2E+08	-	0.002939
Zfp106	MmulINT0178557	chr2	1.2E+08	1.2E+08	-	0.274528
Zfp106	MmulINT0178558	chr2	1.2E+08	1.2E+08	-	0.000679
Zfp106	MmulINT0178560	chr2	1.2E+08	1.2E+08	-	0.001062
Zfp106	MmulINT0178562	chr2	1.2E+08	1.2E+08	-	0.003133
Zfp106	MmulINT0178563	chr2	1.2E+08	1.2E+08	-	0.002542
Zfp11	MmulINT0178570	chr5	1.3E+08	1.3E+08	-	0.12176
Zfp110	MmulINT0178571	chr7	13420514	13420795	+	0.02119
Zfp110	MmulINT0178572	chr7	13420877	13421641	+	0.005425
Zfp110	MmulINT0178573	chr7	13421769	13422437	+	0.018419
Zfp110	MmulINT0178574	chr7	13422534	13429780	+	0.010229
Zfp110	MmulINT0178575	chr7	13430255	13432144	+	0.009879
Zfp110	MmulINT0178576	chr7	13432246	13433320	+	0.013648
Zfp112	MmulINT0178583	chr7	24907380	24908937	+	0.057008
Zfp113	MmulINT0178585	chr5	1.39E+08	1.39E+08	-	0.044499
Zfp142	MmulINT0178623	chr1	74620291	74622353	-	0.031019
Zfp142	MmulINT0178624	chr1	74619158	74620112	-	0.045879
Zfp142	MmulINT0178625	chr1	74615231	74616252	-	0.034308
Zfp142	MmulINT0178626	chr1	74613922	74615124	-	0.035269
Zfp143	MmulINT0178627	chr7	1.17E+08	1.17E+08	+	0.046319
Zfp143	MmulINT0178628	chr7	1.17E+08	1.17E+08	+	0.026646
Zfp143	MmulINT0178629	chr7	1.17E+08	1.17E+08	+	0.054323
Zfp143	MmulINT0178630	chr7	1.17E+08	1.17E+08	+	0.053452
Zfp143	MmulINT0178631	chr7	1.17E+08	1.17E+08	+	0.038537
Zfp143	MmulINT0178632	chr7	1.17E+08	1.17E+08	+	0.036787



Zfp143	MmuINT0178633	chr7	1.17E+08	1.17E+08	+	0.028579
Zfp143	MmuINT0178634	chr7	1.17E+08	1.17E+08	+	0.042958
Zfp143	MmuINT0178635	chr7	1.17E+08	1.17E+08	+	0.056653
Zfp143	MmuINT0178637	chr7	1.17E+08	1.17E+08	+	0.046021
Zfp143	MmuINT0178638	chr7	1.17E+08	1.17E+08	+	0.049476
Zfp143	MmuINT0178639	chr7	1.17E+08	1.17E+08	+	0.048965
Zfp143	MmuINT0178640	chr7	1.17E+08	1.17E+08	+	0.043159
Zfp143	MmuINT0178641	chr7	1.17E+08	1.17E+08	+	0.03742
Zfp146	MmuINT0178642	chr7	30948248	30954677	-	0.059018
Zfp148	MmuINT0178643	chr16	33381114	33421406	+	0.026623
Zfp148	MmuINT0178644	chr16	33421489	33427279	+	0.011918
Zfp148	MmuINT0178645	chr16	33427416	33434711	+	0.008476
Zfp148	MmuINT0178646	chr16	33435061	33456961	+	0.013004
Zfp148	MmuINT0178647	chr16	33457088	33466940	+	0.022737
Zfp148	MmuINT0178648	chr16	33467065	33468185	+	0.01442
Zfp148	MmuINT0178649	chr16	33468270	33495430	+	0.019026
Zfp148	MmuINT0178650	chr16	33495550	33495831	+	0.07663
Zfp157	MmuINT0178652	chr5	1.39E+08	1.39E+08	+	0.053211
Zfp157	MmuINT0178653	chr5	1.39E+08	1.39E+08	+	0.175099
Zfp160	MmuINT0178656	chr17	21148737	21157035	+	0.04002
Zfp160	MmuINT0178657	chr17	21157163	21157669	+	0.035579
Zfp160	MmuINT0178658	chr17	21157799	21162424	+	0.439073
Zfp180	MmuINT0178672	chr7	24867258	24870444	+	0.030806
Zfp180	MmuINT0178673	chr7	24870526	24882839	+	0.070065
Zfp180	MmuINT0178674	chr7	24882915	24886466	+	0.044007
Zfp180	MmuINT0178675	chr7	24886588	24889423	+	0.023512
Zfp182	MmuINT0178678	chrX	20608779	20613462	-	0.070329
Zfp187	MmuINT0178702	chr13	21541386	21545446	-	0.035266
Zfp187	MmuINT0178703	chr13	21539764	21541309	-	0.903072
Zfp187	MmuINT0178704	chr13	21537699	21539654	-	0.012319
Zfp191	MmuINT0178707	chr18	24176670	24179212	-	0.067261
Zfp191	MmuINT0178708	chr18	24175933	24176168	-	0.005405
Zfp192	MmuINT0178710	chr13	21618891	21622813	-	0.076774
Zfp192	MmuINT0178711	chr13	21617176	21618387	-	0.076798
Zfp192	MmuINT0178713	chr13	21613779	21614092	-	0.062314
Zfp192	MmuINT0178714	chr13	21612832	21613654	-	0.079356
Zfp2	MmuINT0178719	chr11	50719660	50723937	-	0.072813
Zfp202	MmuINT0178722	chr9	40016101	40016462	+	0.100949
Zfp202	MmuINT0178725	chr9	40018146	40018480	+	0.056497
Zfp207	MmuINT0178730	chr11	80196998	80199404	+	0.006939
Zfp207	MmuINT0178731	chr11	80208764	80208891	+	0.005969
Zfp207	MmuINT0178732	chr11	80199532	80201303	+	0.011565
Zfp207	MmuINT0178733	chr11	80201443	80202479	+	0.003296
Zfp207	MmuINT0178734	chr11	80202648	80202756	+	0.006473
Zfp207	MmuINT0178735	chr11	80202833	80203275	+	0.017916
Zfp207	MmuINT0178736	chr11	80203324	80204832	+	0.025611
Zfp207	MmuINT0178737	chr11	80205495	80207787	+	0.050199
Zfp207	MmuINT0178738	chr11	80208034	80208603	+	0.041393
Zfp212	MmuINT0178739	chr6	47870749	47876505	+	0.026178
Zfp212	MmuINT0178740	chr6	47876896	47877018	+	0.055565

Zfp212	MmuINT0178741	chr6	47877146	47879048	+	0.020473
Zfp213	MmuINT0178743	chr17	23698628	23700935	-	0.071084
Zfp213	MmuINT0178744	chr17	23697070	23698112	-	0.075034
Zfp213	MmuINT0178745	chr17	23696672	23696951	-	0.032985
Zfp213	MmuINT0178746	chr17	23696516	23696600	-	0.029718
Zfp213	MmuINT0178747	chr17	23695280	23696349	-	0.0223
Zfp217	MmuINT0178751	chr2	1.7E+08	1.7E+08	-	0.053914
Zfp217	MmuINT0178752	chr2	1.7E+08	1.7E+08	-	0.116617
Zfp217	MmuINT0178753	chr2	1.7E+08	1.7E+08	-	0.111905
Zfp217	MmuINT0178754	chr2	1.7E+08	1.7E+08	-	0.100486
Zfp219	MmuINT0178755	chr14	52629734	52640197	-	0.721956
Zfp219	MmuINT0178756	chr14	52629338	52629644	-	0.049591
Zfp219	MmuINT0178757	chr14	52627171	52627902	-	0.029107
Zfp219	MmuINT0178758	chr14	52626823	52627038	-	0.016241
Zfp235	MmuINT0178766	chr7	24922192	24925318	+	0.512421
Zfp236	MmuINT0178770	chr18	82806382	82808711	-	0.044843
Zfp236	MmuINT0178774	chr18	82799515	82799978	-	0.039178
Zfp236	MmuINT0178778	chr18	82850149	82851536	-	0.041232
Zfp236	MmuINT0178780	chr18	82789856	82790482	-	0.049027
Zfp236	MmuINT0178781	chr18	82788376	82789709	-	0.03725
Zfp236	MmuINT0178782	chr18	82787282	82788134	-	0.039969
Zfp236	MmuINT0178783	chr18	82778868	82787101	-	0.044229
Zfp236	MmuINT0178784	chr18	82777272	82778679	-	0.044208
Zfp236	MmuINT0178785	chr18	82773779	82777139	-	0.050381
Zfp236	MmuINT0178786	chr18	82770782	82773580	-	0.040103
Zfp236	MmuINT0178787	chr18	82768516	82770651	-	0.05303
Zfp236	MmuINT0178788	chr18	82767147	82768338	-	0.060745
Zfp236	MmuINT0178789	chr18	82843878	82849983	-	0.041919
Zfp236	MmuINT0178790	chr18	82841203	82843698	-	0.048999
Zfp236	MmuINT0178791	chr18	82838137	82841077	-	0.046793
Zfp238	MmuINT0178796	chr1	1.79E+08	1.79E+08	+	0.213382
Zfp251	MmuINT0178807	chr15	76700351	76700711	-	0.034365
Zfp251	MmuINT0178808	chr15	76685045	76700236	-	0.018863
Zfp259	MmuINT0178809	chr9	46081451	46081560	+	0.02001
Zfp259	MmuINT0178810	chr9	46085819	46086386	+	0.023577
Zfp259	MmuINT0178811	chr9	46086498	46087751	+	0.012294
Zfp259	MmuINT0178812	chr9	46087839	46087998	+	0.023487
Zfp259	MmuINT0178813	chr9	46088065	46089120	+	0.022521
Zfp259	MmuINT0178814	chr9	46081723	46082138	+	0.012687
Zfp259	MmuINT0178815	chr9	46082230	46082739	+	0.048253
Zfp259	MmuINT0178816	chr9	46082811	46083446	+	0.039518
Zfp259	MmuINT0178817	chr9	46083534	46083813	+	0.046155
Zfp259	MmuINT0178818	chr9	46083937	46084282	+	0.012234
Zfp259	MmuINT0178819	chr9	46084331	46084494	+	0.015616
Zfp259	MmuINT0178820	chr9	46084562	46084874	+	0.043984
Zfp259	MmuINT0178821	chr9	46084946	46085728	+	0.100346
Zfp26	MmuINT0178824	chr9	20249430	20250189	-	0.040373
Zfp26	MmuINT0178825	chr9	20248812	20249337	-	0.083099
Zfp26	MmuINT0178826	chr9	20246710	20248702	-	0.12483
Zfp26	MmuINT0178829	chr9	20244049	20244635	-	0.061508

Zfp26	MmuINT0178830	chr9	20243105	20243965	-	0.058846
Zfp260	MmuINT0178831	chr7	30880231	30884546	+	0.02607
Zfp260	MmuINT0178832	chr7	30884742	30889248	+	0.084263
Zfp263	MmuINT0178833	chr16	3744768	3745776	+	0.067866
Zfp263	MmuINT0178834	chr16	3745958	3746421	+	0.154102
Zfp263	MmuINT0178835	chr16	3746496	3746770	+	0.267548
Zfp263	MmuINT0178836	chr16	3746895	3748148	+	0.40707
Zfp263	MmuINT0178837	chr16	3748266	3748711	+	0.017365
Zfp27	MmuINT0178839	chr7	30689079	30691072	-	0.051329
Zfp276	MmuINT0178851	chr8	1.26E+08	1.26E+08	+	0.032798
Zfp276	MmuINT0178852	chr8	1.26E+08	1.26E+08	+	0.400601
Zfp276	MmuINT0178853	chr8	1.26E+08	1.26E+08	+	0.052381
Zfp276	MmuINT0178854	chr8	1.26E+08	1.26E+08	+	0.063027
Zfp276	MmuINT0178855	chr8	1.26E+08	1.26E+08	+	0.02622
Zfp276	MmuINT0178856	chr8	1.26E+08	1.26E+08	+	0.056318
Zfp276	MmuINT0178857	chr8	1.26E+08	1.26E+08	+	0.025407
Zfp276	MmuINT0178858	chr8	1.26E+08	1.26E+08	+	0.540703
Zfp276	MmuINT0178859	chr8	1.26E+08	1.26E+08	+	0.108721
Zfp276	MmuINT0178860	chr8	1.26E+08	1.26E+08	+	0.247515
Zfp277	MmuINT0178863	chr12	41105462	41172252	-	0.01467
Zfp277	MmuINT0178865	chr12	41042491	41043677	-	0.008506
Zfp277	MmuINT0178866	chr12	41090758	41105259	-	0.008886
Zfp277	MmuINT0178867	chr12	41089804	41090668	-	0.018148
Zfp277	MmuINT0178868	chr12	41061963	41089720	-	0.014074
Zfp277	MmuINT0178869	chr12	41056183	41061870	-	0.00998
Zfp277	MmuINT0178871	chr12	41049185	41055261	-	0.020711
Zfp277	MmuINT0178872	chr12	41047286	41049116	-	0.033208
Zfp277	MmuINT0178873	chr12	41045165	41047188	-	0.007257
Zfp28	MmuINT0178878	chr7	6343271	6344891	+	0.082489
Zfp280c	MmuINT0178886	chrX	45901873	45903228	-	0.045688
Zfp280c	MmuINT0178887	chrX	45900505	45901734	-	0.037233
Zfp280c	MmuINT0178888	chrX	45896881	45900441	-	0.496613
Zfp280c	MmuINT0178889	chrX	45896619	45896761	-	0.259309
Zfp280c	MmuINT0178890	chrX	45896467	45896581	-	0.054083
Zfp280d	MmuINT0178899	chr9	72167123	72170259	+	0.031994
Zfp280d	MmuINT0178900	chr9	72170418	72170806	+	0.040118
Zfp280d	MmuINT0178901	chr9	72170908	72171814	+	0.04481
Zfp280d	MmuINT0178902	chr9	72171962	72176834	+	0.046711
Zfp280d	MmuINT0178903	chr9	72176970	72178672	+	0.028442
Zfp280d	MmuINT0178904	chr9	72178981	72179099	+	0.020292
Zfp280d	MmuINT0178905	chr9	72179241	72182853	+	0.035413
Zfp280d	MmuINT0178906	chr9	72182917	72186552	+	0.05145
Zfp280d	MmuINT0178907	chr9	72186672	72186818	+	0.046889
Zfp280d	MmuINT0178909	chr9	72143130	72143781	+	0.05875
Zfp280d	MmuINT0178910	chr9	72199378	72208092	+	0.078908
Zfp280d	MmuINT0178911	chr9	72208149	72209740	+	0.036081
Zfp280d	MmuINT0178915	chr9	72149814	72155757	+	0.031658
Zfp280d	MmuINT0178916	chr9	72155876	72159884	+	0.034699
Zfp280d	MmuINT0178917	chr9	72160056	72160457	+	0.02759
Zfp282	MmuINT0178920	chr6	47827836	47829998	+	0.107666

Zfp282	MmuINT0178921	chr6	47830419	47840064	+	0.057687
Zfp282	MmuINT0178922	chr6	47840192	47840602	+	0.03051
Zfp282	MmuINT0178923	chr6	47840723	47842853	+	0.054375
Zfp282	MmuINT0178924	chr6	47842974	47847813	+	0.036501
Zfp282	MmuINT0178925	chr6	47847928	47848892	+	0.047878
Zfp282	MmuINT0178926	chr6	47849007	47854559	+	0.041196
Zfp292	MmuINT0178938	chr4	34786717	34786817	-	0.068134
Zfp292	MmuINT0178939	chr4	34774145	34786580	-	0.057176
Zfp292	MmuINT0178940	chr4	34766850	34773941	-	0.04876
Zfp292	MmuINT0178941	chr4	34763665	34766712	-	0.06536
Zfp292	MmuINT0178942	chr4	34759293	34763522	-	0.059135
Zfp295	MmuINT0178944	chr16	98178066	98183578	-	0.349344
Zfp295	MmuINT0178945	chr16	98174259	98177922	-	0.195748
Zfp295	MmuINT0178946	chr16	98172035	98172634	-	0.397282
Zfp3	MmuINT0178949	chr11	70578052	70584710	+	0.114454
Zfp30	MmuINT0178953	chr7	30574456	30577378	+	0.235037
Zfp316	MmuINT0178959	chr5	1.44E+08	1.44E+08	-	0.029073
Zfp316	MmuINT0178960	chr5	1.44E+08	1.44E+08	-	0.064064
Zfp316	MmuINT0178963	chr5	1.44E+08	1.44E+08	-	0.030426
Zfp317	MmuINT0178964	chr9	19426730	19433540	+	0.038085
Zfp317	MmuINT0178965	chr9	19433651	19436777	+	0.043502
Zfp317	MmuINT0178966	chr9	19436833	19445509	+	0.025406
Zfp317	MmuINT0178967	chr9	19445699	19446407	+	0.032976
Zfp317	MmuINT0178968	chr9	19446548	19447041	+	0.044884
Zfp317	MmuINT0178969	chr9	19447169	19448052	+	0.015456
Zfp317	MmuINT0178970	chr9	19448149	19449668	+	0.495076
Zfp317	MmuINT0178971	chr9	19449752	19451145	+	0.30493
Zfp318	MmuINT0178975	chr17	46534254	46535588	+	0.020629
Zfp318	MmuINT0178977	chr17	46539783	46542731	+	0.029956
Zfp318	MmuINT0178978	chr17	46543034	46545967	+	0.029892
Zfp318	MmuINT0178979	chr17	46546169	46546628	+	0.266848
Zfp318	MmuINT0178980	chr17	46546729	46547221	+	0.06321
Zfp318	MmuINT0178981	chr17	46547341	46547582	+	0.035463
Zfp319	MmuINT0178982	chr8	97853713	97855420	-	0.21726
Zfp322a	MmuINT0178983	chr13	23460075	23461003	-	0.077392
Zfp322a	MmuINT0178984	chr13	23454745	23459988	-	0.048225
Zfp326	MmuINT0178991	chr5	1.06E+08	1.06E+08	+	0.192251
Zfp326	MmuINT0178993	chr5	1.06E+08	1.06E+08	+	0.027785
Zfp326	MmuINT0178995	chr5	1.06E+08	1.06E+08	+	0.010082
Zfp326	MmuINT0178996	chr5	1.06E+08	1.06E+08	+	0.012834
Zfp326	MmuINT0178997	chr5	1.06E+08	1.06E+08	+	0.01737
Zfp326	MmuINT0178998	chr5	1.06E+08	1.06E+08	+	0.116307
Zfp326	MmuINT0178999	chr5	1.06E+08	1.06E+08	+	0.02403
Zfp326	MmuINT0179000	chr5	1.06E+08	1.06E+08	+	0.042413
Zfp330	MmuINT0179002	chr8	85296911	85297955	-	0.001484
Zfp330	MmuINT0179007	chr8	85290673	85291111	-	0.003353
Zfp335	MmuINT0179015	chr2	1.65E+08	1.65E+08	-	0.479428
Zfp335	MmuINT0179016	chr2	1.65E+08	1.65E+08	-	0.050161
Zfp335	MmuINT0179017	chr2	1.65E+08	1.65E+08	-	0.033158
Zfp335	MmuINT0179018	chr2	1.65E+08	1.65E+08	-	0.096027

Zfp335	MmuINT0179019	chr2	1.65E+08	1.65E+08	-	0.145211
Zfp335	MmuINT0179020	chr2	1.65E+08	1.65E+08	-	0.040325
Zfp335	MmuINT0179021	chr2	1.65E+08	1.65E+08	-	0.025864
Zfp335	MmuINT0179022	chr2	1.65E+08	1.65E+08	-	0.045787
Zfp335	MmuINT0179023	chr2	1.65E+08	1.65E+08	-	0.087289
Zfp335	MmuINT0179024	chr2	1.65E+08	1.65E+08	-	0.065868
Zfp335	MmuINT0179025	chr2	1.65E+08	1.65E+08	-	0.164829
Zfp335	MmuINT0179026	chr2	1.65E+08	1.65E+08	-	0.022771
Zfp335	MmuINT0179027	chr2	1.65E+08	1.65E+08	-	0.308168
Zfp335	MmuINT0179028	chr2	1.65E+08	1.65E+08	-	0.426759
Zfp335	MmuINT0179029	chr2	1.65E+08	1.65E+08	-	0.419637
Zfp335	MmuINT0179030	chr2	1.65E+08	1.65E+08	-	0.426196
Zfp335	MmuINT0179031	chr2	1.65E+08	1.65E+08	-	0.343288
Zfp335	MmuINT0179032	chr2	1.65E+08	1.65E+08	-	0.551116
Zfp335	MmuINT0179033	chr2	1.65E+08	1.65E+08	-	0.431329
Zfp335	MmuINT0179034	chr2	1.65E+08	1.65E+08	-	0.411826
Zfp335	MmuINT0179035	chr2	1.65E+08	1.65E+08	-	0.029646
Zfp335	MmuINT0179036	chr2	1.65E+08	1.65E+08	-	0.041108
Zfp335	MmuINT0179038	chr2	1.65E+08	1.65E+08	-	0.036718
Zfp335	MmuINT0179039	chr2	1.65E+08	1.65E+08	-	0.041242
Zfp335	MmuINT0179040	chr2	1.65E+08	1.65E+08	-	0.03464
Zfp335	MmuINT0179041	chr2	1.65E+08	1.65E+08	-	0.032503
Zfp341	MmuINT0179047	chr2	1.54E+08	1.54E+08	+	0.10277
Zfp346	MmuINT0179059	chr13	55206880	55214396	+	0.015244
Zfp346	MmuINT0179060	chr13	55214501	55215038	+	0.01039
Zfp346	MmuINT0179061	chr13	55215132	55216840	+	0.171665
Zfp346	MmuINT0179062	chr13	55216986	55223690	+	0.292354
Zfp346	MmuINT0179063	chr13	55223877	55231894	+	0.058898
Zfp346	MmuINT0179064	chr13	55231989	55233667	+	0.061472
Zfp35	MmuINT0179065	chr18	24148233	24148678	+	0.054501
Zfp35	MmuINT0179066	chr18	24148892	24161150	+	0.035619
Zfp354b	MmuINT0179072	chr11	50744488	50745006	-	0.045933
Zfp358	MmuINT0179080	chr8	3493310	3495381	+	0.084931
Zfp36	MmuINT0179081	chr7	29163513	29164192	-	0.024062
Zfp362	MmuINT0179084	chr4	1.28E+08	1.28E+08	-	0.019461
Zfp362	MmuINT0179085	chr4	1.28E+08	1.28E+08	-	0.01767
Zfp362	MmuINT0179086	chr4	1.28E+08	1.28E+08	-	0.03577
Zfp362	MmuINT0179087	chr4	1.28E+08	1.28E+08	-	0.024042
Zfp362	MmuINT0179088	chr4	1.28E+08	1.28E+08	-	0.010726
Zfp362	MmuINT0179089	chr4	1.28E+08	1.28E+08	-	0.0143
Zfp367	MmuINT0179098	chr13	64246989	64253907	-	0.056823
Zfp367	MmuINT0179099	chr13	64245583	64246837	-	0.008446
Zfp367	MmuINT0179100	chr13	64243655	64245462	-	0.007369
Zfp367	MmuINT0179101	chr13	64236845	64243515	-	0.006823
Zfp369	MmuINT0179102	chr13	65380296	65380568	+	0.276066
Zfp369	MmuINT0179103	chr13	65380649	65381569	+	0.03678
Zfp369	MmuINT0179104	chr13	65381697	65386228	+	0.05035
Zfp369	MmuINT0179105	chr13	65386325	65393130	+	0.177655
Zfp369	MmuINT0179106	chr13	65393614	65395703	+	0.063802
Zfp369	MmuINT0179107	chr13	65395793	65396907	+	0.072732

Zfp36l1	MmulINT0179109	chr12	81211536	81213805	-	0.003441
Zfp36l2	MmulINT0179110	chr17	84586497	84586983	-	0.087403
Zfp384	MmulINT0179119	chr6	1.25E+08	1.25E+08	+	0.1123
Zfp384	MmulINT0179121	chr6	1.25E+08	1.25E+08	+	0.013863
Zfp384	MmulINT0179123	chr6	1.25E+08	1.25E+08	+	0.024799
Zfp384	MmulINT0179126	chr6	1.25E+08	1.25E+08	+	0.203473
Zfp384	MmulINT0179127	chr6	1.25E+08	1.25E+08	+	0.038434
Zfp385a	MmulINT0179131	chr15	1.03E+08	1.03E+08	-	0.149811
Zfp385a	MmulINT0179132	chr15	1.03E+08	1.03E+08	-	0.054008
Zfp385a	MmulINT0179133	chr15	1.03E+08	1.03E+08	-	0.043338
Zfp385a	MmulINT0179134	chr15	1.03E+08	1.03E+08	-	0.05953
Zfp385a	MmulINT0179135	chr15	1.03E+08	1.03E+08	-	0.083108
Zfp385b	MmulINT0179138	chr2	77314903	77341596	-	0.046914
Zfp385b	MmulINT0179139	chr2	77288371	77314791	-	0.018219
Zfp385b	MmulINT0179140	chr2	77254033	77288207	-	0.027783
Zfp385b	MmulINT0179141	chr2	77252809	77253786	-	0.017385
Zfp385b	MmulINT0179142	chr2	77252113	77252629	-	0.017974
Zfp385b	MmulINT0179143	chr2	77250198	77252010	-	0.019214
Zfp386	MmulINT0179155	chr12	1.17E+08	1.17E+08	+	0.017704
Zfp395	MmulINT0179162	chr14	66004498	66005163	+	0.021599
Zfp395	MmulINT0179163	chr14	66005397	66007626	+	0.031407
Zfp395	MmulINT0179164	chr14	66007737	66010123	+	0.031403
Zfp395	MmulINT0179165	chr14	66010354	66010891	+	0.067808
Zfp395	MmulINT0179166	chr14	66010993	66011756	+	0.023443
Zfp395	MmulINT0179167	chr14	66012058	66013592	+	0.094176
Zfp395	MmulINT0179168	chr14	66013686	66014691	+	0.048536
Zfp395	MmulINT0179169	chr14	66014796	66015055	+	0.020356
Zfp397	MmulINT0179170	chr18	24113363	24114839	+	0.657815
Zfp397	MmulINT0179171	chr18	24115355	24115555	+	0.016746
Zfp397	MmulINT0179172	chr18	24115698	24118516	+	0.022687
Zfp398	MmulINT0179175	chr6	47809055	47809417	+	0.048214
Zfp407	MmulINT0179185	chr18	84722377	84727718	-	0.037855
Zfp407	MmulINT0179187	chr18	84524084	84601751	-	0.045111
Zfp407	MmulINT0179188	chr18	84520376	84523916	-	0.049923
Zfp407	MmulINT0179189	chr18	84512459	84520291	-	0.041062
Zfp407	MmulINT0179190	chr18	84485377	84512337	-	0.05629
Zfp407	MmulINT0179191	chr18	84379474	84485197	-	0.028591
Zfp408	MmulINT0179194	chr2	91486631	91487752	-	0.039425
Zfp410	MmulINT0179197	chr12	85658125	85662761	+	0.056877
Zfp410	MmulINT0179198	chr12	85679733	85681051	+	0.036746
Zfp410	MmulINT0179199	chr12	85681180	85683944	+	0.055727
Zfp410	MmulINT0179200	chr12	85662942	85663833	+	0.010286
Zfp410	MmulINT0179201	chr12	85663970	85666520	+	0.016558
Zfp410	MmulINT0179202	chr12	85666740	85668228	+	0.011236
Zfp410	MmulINT0179203	chr12	85668421	85670751	+	0.021305
Zfp410	MmulINT0179204	chr12	85670903	85672584	+	0.053886
Zfp410	MmulINT0179205	chr12	85672767	85673884	+	0.024473
Zfp410	MmulINT0179206	chr12	85673975	85678565	+	0.03074
Zfp410	MmulINT0179207	chr12	85678692	85679591	+	0.058062
Zfp414	MmulINT0179208	chr17	33766162	33766741	+	0.098934

Zfp414	MmuINT0179209	chr17	33767025	33767311	+	0.078384
Zfp414	MmuINT0179210	chr17	33767420	33767520	+	0.028524
Zfp414	MmuINT0179211	chr17	33767627	33768073	+	0.215614
Zfp414	MmuINT0179212	chr17	33768409	33768486	+	0.166502
Zfp422	MmuINT0179224	chr6	1.17E+08	1.17E+08	-	0.011851
Zfp423	MmuINT0179231	chr8	90186407	90210327	-	0.056853
Zfp426	MmuINT0179232	chr9	20296896	20297141	-	0.791997
Zfp426	MmuINT0179236	chr9	20280923	20282576	-	0.037977
Zfp426	MmuINT0179239	chr9	20276226	20277471	-	0.031031
Zfp426	MmuINT0179240	chr9	20275693	20276142	-	0.030621
Zfp428	MmuINT0179241	chr7	25292456	25295564	+	0.041047
Zfp428	MmuINT0179242	chr7	25295773	25300094	+	0.166914
Zfp438	MmuINT0179245	chr18	5288937	5334343	-	0.086429
Zfp438	MmuINT0179246	chr18	5245452	5288858	-	0.031742
Zfp438	MmuINT0179248	chr18	5211197	5213116	-	0.038612
Zfp444	MmuINT0179254	chr7	6124177	6135463	+	0.233754
Zfp444	MmuINT0179255	chr7	6135805	6139735	+	0.020854
Zfp444	MmuINT0179256	chr7	6139845	6141007	+	0.027261
Zfp445	MmuINT0179258	chr9	1.23E+08	1.23E+08	-	0.059891
Zfp445	MmuINT0179259	chr9	1.23E+08	1.23E+08	-	0.076942
Zfp445	MmuINT0179262	chr9	1.23E+08	1.23E+08	-	0.025723
Zfp446	MmuINT0179263	chr7	13567277	13567467	+	0.293793
Zfp446	MmuINT0179264	chr7	13563568	13564346	+	0.496824
Zfp449	MmuINT0179269	chrX	53606845	53615643	+	0.05341
Zfp451	MmuINT0179271	chr1	33870656	33871182	-	0.041424
Zfp451	MmuINT0179272	chr1	33829879	33833113	-	0.027941
Zfp451	MmuINT0179273	chr1	33827745	33829737	-	0.109435
Zfp451	MmuINT0179274	chr1	33826753	33827613	-	0.030776
Zfp451	MmuINT0179275	chr1	33822755	33826565	-	0.063882
Zfp451	MmuINT0179276	chr1	33819055	33822688	-	0.119502
Zfp451	MmuINT0179277	chr1	33862265	33870571	-	0.044006
Zfp451	MmuINT0179279	chr1	33840810	33843251	-	0.063913
Zfp451	MmuINT0179280	chr1	33840037	33840697	-	0.043039
Zfp451	MmuINT0179281	chr1	33839040	33839885	-	0.093712
Zfp451	MmuINT0179282	chr1	33836895	33838912	-	0.041446
Zfp451	MmuINT0179283	chr1	33836037	33836740	-	0.040712
Zfp451	MmuINT0179284	chr1	33834709	33835888	-	0.038707
Zfp46	MmuINT0179304	chr4	1.36E+08	1.36E+08	+	0.011149
Zfp46	MmuINT0179305	chr4	1.36E+08	1.36E+08	+	0.013329
Zfp462	MmuINT0179307	chr4	55073110	55085844	+	0.069599
Zfp462	MmuINT0179309	chr4	55092260	55093537	+	0.07749
Zfp467	MmuINT0179319	chr6	48392738	48393410	-	0.072786
Zfp467	MmuINT0179320	chr6	48392060	48392623	-	0.045392
Zfp467	MmuINT0179321	chr6	48389454	48391945	-	0.719382
Zfp498	MmuINT0179336	chr5	1.46E+08	1.46E+08	+	0.070457
Zfp498	MmuINT0179337	chr5	1.46E+08	1.46E+08	+	0.076653
Zfp498	MmuINT0179338	chr5	1.46E+08	1.46E+08	+	0.028048
Zfp498	MmuINT0179339	chr5	1.46E+08	1.46E+08	+	0.043485
Zfp507	MmuINT0179344	chr7	36572852	36576666	-	0.039021
Zfp507	MmuINT0179345	chr7	36561592	36572736	-	0.039857

Zfp507	MmulINT0179346	chr7	36561347	36561456	-	0.025216
Zfp51	MmulINT0179348	chr17	21589492	21593260	+	0.072786
Zfp51	MmulINT0179349	chr17	21593353	21598624	+	0.048515
Zfp51	MmulINT0179350	chr17	21598752	21600335	+	0.049508
Zfp511	MmulINT0179351	chr7	1.47E+08	1.47E+08	+	0.077542
Zfp511	MmulINT0179352	chr7	1.47E+08	1.47E+08	+	0.076966
Zfp511	MmulINT0179353	chr7	1.47E+08	1.47E+08	+	0.027751
Zfp511	MmulINT0179354	chr7	1.47E+08	1.47E+08	+	0.095541
Zfp511	MmulINT0179355	chr7	1.47E+08	1.47E+08	+	0.26159
Zfp512	MmulINT0179356	chr5	31754951	31755527	+	0.672041
Zfp512	MmulINT0179357	chr5	31775335	31775825	+	0.054878
Zfp512	MmulINT0179358	chr5	31775928	31778045	+	0.036895
Zfp512	MmulINT0179359	chr5	31778109	31779153	+	0.015936
Zfp512	MmulINT0179360	chr5	31779253	31782342	+	0.014918
Zfp512	MmulINT0179361	chr5	31755587	31767818	+	0.070738
Zfp512	MmulINT0179362	chr5	31768007	31768604	+	0.03018
Zfp512	MmulINT0179363	chr5	31768710	31768964	+	0.089735
Zfp512	MmulINT0179364	chr5	31769049	31769694	+	0.012434
Zfp512	MmulINT0179366	chr5	31770614	31772730	+	0.042749
Zfp512	MmulINT0179367	chr5	31772830	31773369	+	0.013654
Zfp512	MmulINT0179368	chr5	31773538	31775142	+	0.009922
Zfp513	MmulINT0179369	chr5	31502521	31502607	-	0.048093
Zfp513	MmulINT0179370	chr5	31504112	31504359	-	0.183984
Zfp516	MmulINT0179373	chr18	83126842	83156135	+	0.034832
Zfp516	MmulINT0179374	chr18	83157591	83162461	+	0.047304
Zfp516	MmulINT0179375	chr18	83162582	83163861	+	0.069314
Zfp516	MmulINT0179376	chr18	83163930	83170664	+	0.077707
Zfp518a	MmulINT0179378	chr19	40971656	40982548	+	0.060361
Zfp518a	MmulINT0179379	chr19	40982694	40985522	+	0.063853
Zfp518a	MmulINT0179380	chr19	40985600	40985987	+	0.044957
Zfp52	MmulINT0179385	chr17	21672798	21675536	+	0.078058
Zfp52	MmulINT0179387	chr17	21692040	21694098	+	0.055253
Zfp52	MmulINT0179388	chr17	21694226	21697012	+	0.075893
Zfp521	MmulINT0179389	chr18	14129914	14131009	-	0.441369
Zfp521	MmulINT0179392	chr18	13975832	14002290	-	0.026826
Zfp521	MmulINT0179393	chr18	13876257	13975746	-	0.025464
Zfp521	MmulINT0179394	chr18	13873766	13876124	-	0.019879
Zfp521	MmulINT0179395	chr18	13847534	13873649	-	0.020052
Zfp523	MmulINT0179397	chr17	28338386	28339059	+	0.305253
Zfp523	MmulINT0179398	chr17	28339294	28339379	+	0.037226
Zfp523	MmulINT0179399	chr17	28339544	28340030	+	0.030504
Zfp523	MmulINT0179400	chr17	28340196	28341399	+	0.02683
Zfp523	MmulINT0179401	chr17	28341514	28342055	+	0.019845
Zfp523	MmulINT0179403	chr17	28326898	28331910	+	0.018016
Zfp523	MmulINT0179404	chr17	28331992	28332092	+	0.032084
Zfp523	MmulINT0179405	chr17	28332171	28334718	+	0.056388
Zfp523	MmulINT0179406	chr17	28334919	28337055	+	0.014291
Zfp523	MmulINT0179407	chr17	28337173	28337383	+	0.01773
Zfp523	MmulINT0179408	chr17	28337460	28337952	+	0.055331
Zfp523	MmulINT0179409	chr17	28338079	28338205	+	0.016329



Zfp524	MmuINT0179410	chr7	4967163	4969038	+	0.028273
Zfp526	MmuINT0179412	chr7	26009227	26009319	+	0.049598
Zfp53	MmuINT0179413	chr17	21626230	21628189	+	0.045222
Zfp53	MmuINT0179414	chr17	21628281	21637174	+	0.052791
Zfp53	MmuINT0179415	chr17	21637267	21641944	+	0.054875
Zfp532	MmuINT0179417	chr18	65740165	65742550	+	0.726913
Zfp532	MmuINT0179420	chr18	65842662	65845178	+	0.042332
Zfp532	MmuINT0179421	chr18	65845345	65846615	+	0.117683
Zfp553	MmuINT0179448	chr7	1.34E+08	1.34E+08	+	0.069857
Zfp560	MmuINT0179456	chr9	20158694	20189460	-	0.011897
Zfp560	MmuINT0179457	chr9	20157286	20158507	-	0.013013
Zfp563	MmuINT0179463	chr17	33239303	33239487	+	0.049322
Zfp563	MmuINT0179464	chr17	33239549	33241568	+	0.061611
Zfp568	MmuINT0179469	chr7	30769248	30770278	+	0.03598
Zfp568	MmuINT0179470	chr7	30770346	30772600	+	0.025286
Zfp568	MmuINT0179471	chr7	30774127	30782768	+	0.024609
Zfp568	MmuINT0179472	chr7	30782896	30783133	+	0.016225
Zfp568	MmuINT0179473	chr7	30798909	30800084	+	0.02939
Zfp568	MmuINT0179474	chr7	30800209	30802185	+	0.025892
Zfp568	MmuINT0179475	chr7	30802282	30807236	+	0.02185
Zfp579	MmuINT0179481	chr7	4946515	4947605	-	0.811995
Zfp58	MmuINT0179483	chr13	67595039	67595538	-	0.064362
Zfp58	MmuINT0179484	chr13	67593087	67594942	-	0.059128
Zfp580	MmuINT0179485	chr7	5003317	5004406	+	0.154955
Zfp592	MmuINT0179495	chr7	88154426	88168156	+	0.018401
Zfp592	MmuINT0179496	chr7	88170396	88174334	+	0.02896
Zfp592	MmuINT0179497	chr7	88174514	88182235	+	0.017749
Zfp592	MmuINT0179498	chr7	88182413	88182690	+	0.051403
Zfp592	MmuINT0179499	chr7	88182851	88182949	+	0.09938
Zfp592	MmuINT0179500	chr7	88183238	88183438	+	0.014028
Zfp592	MmuINT0179501	chr7	88183552	88184015	+	0.026111
Zfp592	MmuINT0179502	chr7	88184152	88186233	+	0.017011
Zfp593	MmuINT0179503	chr4	1.34E+08	1.34E+08	-	0.037532
Zfp593	MmuINT0179504	chr4	1.34E+08	1.34E+08	-	0.051563
Zfp598	MmuINT0179511	chr17	24806919	24813498	+	0.014806
Zfp598	MmuINT0179512	chr17	24817744	24817825	+	0.052785
Zfp598	MmuINT0179513	chr17	24817977	24818053	+	0.138905
Zfp598	MmuINT0179514	chr17	24813612	24814000	+	0.011607
Zfp598	MmuINT0179515	chr17	24814131	24814354	+	0.030573
Zfp598	MmuINT0179516	chr17	24814567	24814779	+	0.044913
Zfp598	MmuINT0179517	chr17	24814998	24815540	+	0.365217
Zfp598	MmuINT0179518	chr17	24815659	24815981	+	0.368251
Zfp598	MmuINT0179519	chr17	24816170	24816265	+	0.021468
Zfp598	MmuINT0179520	chr17	24816351	24816453	+	0.044512
Zfp598	MmuINT0179521	chr17	24817221	24817568	+	0.119724
Zfp60	MmuINT0179529	chr7	28526075	28533186	+	0.08347
Zfp606	MmuINT0179539	chr7	13064056	13065012	+	0.055007
Zfp606	MmuINT0179540	chr7	13065096	13065783	+	0.03742
Zfp606	MmuINT0179541	chr7	13065841	13066283	+	0.028178
Zfp606	MmuINT0179542	chr7	13075046	13075297	+	0.021107

Zfp606	MmuINT0179543	chr7	13075394	13077705	+	0.030146
Zfp608	MmuINT0179552	chr18	55055292	55056818	-	0.052814
Zfp608	MmuINT0179553	chr18	55054278	55054873	-	0.09112
Zfp608	MmuINT0179554	chr18	55051558	55054104	-	0.061017
Zfp608	MmuINT0179555	chr18	55049550	55051403	-	0.154577
Zfp608	MmuINT0179556	chr18	55048736	55049467	-	0.088009
Zfp609	MmuINT0179558	chr9	65579009	65642428	-	0.018514
Zfp609	MmuINT0179559	chr9	65553986	65578782	-	0.031555
Zfp609	MmuINT0179560	chr9	65552426	65553897	-	0.015456
Zfp609	MmuINT0179561	chr9	65548996	65550078	-	0.025952
Zfp609	MmuINT0179562	chr9	65545477	65548628	-	0.059429
Zfp609	MmuINT0179563	chr9	65545056	65545300	-	0.024186
Zfp609	MmuINT0179564	chr9	65544029	65544838	-	0.035555
Zfp609	MmuINT0179565	chr9	65543502	65543949	-	0.029107
Zfp617	MmuINT0179580	chr8	74452228	74453036	+	0.016756
Zfp617	MmuINT0179581	chr8	74453098	74455917	+	0.052983
Zfp62	MmuINT0179601	chr11	49017041	49026196	+	0.053402
Zfp62	MmuINT0179602	chr11	49026279	49027091	+	0.031414
Zfp62	MmuINT0179603	chr11	49027145	49028565	+	0.104492
Zfp622	MmuINT0179604	chr15	25914939	25916552	+	0.005496
Zfp622	MmuINT0179605	chr15	25916802	25916915	+	0.005242
Zfp622	MmuINT0179606	chr15	25917079	25921207	+	0.004794
Zfp622	MmuINT0179607	chr15	25921321	25925860	+	0.019098
Zfp622	MmuINT0179608	chr15	25926005	25926921	+	0.011144
Zfp623	MmuINT0179609	chr15	75771590	75777552	+	0.110006
Zfp628	MmuINT0179610	chr7	4867008	4869011	+	0.065241
Zfp628	MmuINT0179611	chr7	4869119	4870377	+	0.09213
Zfp637	MmuINT0179614	chr6	1.18E+08	1.18E+08	+	0.023278
Zfp637	MmuINT0179615	chr6	1.18E+08	1.18E+08	+	0.063883
Zfp639	MmuINT0179616	chr3	32409512	32411922	+	0.629898
Zfp639	MmuINT0179617	chr3	32412115	32413305	+	0.029069
Zfp639	MmuINT0179618	chr3	32413377	32414205	+	0.046216
Zfp639	MmuINT0179619	chr3	32414275	32415950	+	0.057859
Zfp639	MmuINT0179620	chr3	32416062	32418031	+	0.067168
Zfp639	MmuINT0179621	chr3	32418167	32418453	+	0.035552
Zfp64	MmuINT0179623	chr2	1.69E+08	1.69E+08	-	0.047318
Zfp64	MmuINT0179624	chr2	1.69E+08	1.69E+08	-	0.041284
Zfp64	MmuINT0179625	chr2	1.69E+08	1.69E+08	-	0.04904
Zfp64	MmuINT0179626	chr2	1.69E+08	1.69E+08	-	0.068846
Zfp64	MmuINT0179627	chr2	1.69E+08	1.69E+08	-	0.033611
Zfp641	MmuINT0179631	chr15	98121023	98121601	-	0.059158
Zfp644	MmuINT0179634	chr5	1.07E+08	1.07E+08	-	0.051218
Zfp644	MmuINT0179635	chr5	1.07E+08	1.07E+08	-	0.414382
Zfp644	MmuINT0179636	chr5	1.07E+08	1.07E+08	-	0.01952
Zfp644	MmuINT0179637	chr5	1.07E+08	1.07E+08	-	0.020877
Zfp644	MmuINT0179638	chr5	1.07E+08	1.07E+08	-	0.016138
Zfp646	MmuINT0179640	chr7	1.35E+08	1.35E+08	+	0.100548
Zfp651	MmuINT0179647	chr9	1.22E+08	1.22E+08	+	0.025316
Zfp651	MmuINT0179648	chr9	1.22E+08	1.22E+08	+	0.006974
Zfp651	MmuINT0179649	chr9	1.22E+08	1.22E+08	+	0.01107

Zfp651	MmuINT0179650	chr9	1.22E+08	1.22E+08	+	0.005625
Zfp651	MmuINT0179651	chr9	1.22E+08	1.22E+08	+	0.006466
Zfp652	MmuINT0179652	chr11	95611462	95614188	+	0.05043
Zfp652	MmuINT0179653	chr11	95614337	95614675	+	0.014479
Zfp652	MmuINT0179654	chr11	95614792	95615224	+	0.017465
Zfp652	MmuINT0179655	chr11	95615370	95624852	+	0.015904
Zfp653	MmuINT0179656	chr9	21872636	21875492	-	0.144493
Zfp653	MmuINT0179657	chr9	21870361	21872591	-	0.076427
Zfp653	MmuINT0179658	chr9	21862860	21870144	-	0.047006
Zfp653	MmuINT0179659	chr9	21862123	21862247	-	0.617593
Zfp653	MmuINT0179660	chr9	21861843	21861944	-	0.073907
Zfp653	MmuINT0179661	chr9	21860973	21861730	-	0.084969
Zfp653	MmuINT0179662	chr9	21860537	21860857	-	0.174711
Zfp653	MmuINT0179663	chr9	21860338	21860436	-	0.117203
Zfp654	MmuINT0179664	chr16	64783103	64784332	-	0.205125
Zfp655	MmuINT0179665	chr5	1.46E+08	1.46E+08	+	0.023484
Zfp655	MmuINT0179666	chr5	1.46E+08	1.46E+08	+	0.036161
Zfp655	MmuINT0179667	chr5	1.46E+08	1.46E+08	+	0.066755
Zfp655	MmuINT0179669	chr5	1.46E+08	1.46E+08	+	0.018046
Zfp664	MmuINT0179683	chr5	1.25E+08	1.25E+08	+	0.035158
Zfp664	MmuINT0179684	chr5	1.25E+08	1.25E+08	+	0.009278
Zfp664	MmuINT0179685	chr5	1.25E+08	1.25E+08	+	0.009026
Zfp667	MmuINT0179687	chr7	6241040	6242137	+	0.044961
Zfp667	MmuINT0179689	chr7	6245544	6256189	+	0.060324
Zfp668	MmuINT0179690	chr7	1.35E+08	1.35E+08	-	0.270722
Zfp668	MmuINT0179691	chr7	1.35E+08	1.35E+08	-	0.044502
Zfp672	MmuINT0179695	chr11	58136232	58136771	-	0.081435
Zfp672	MmuINT0179696	chr11	58131037	58132825	-	0.11881
Zfp68	MmuINT0179701	chr5	1.39E+08	1.39E+08	-	0.021731
Zfp68	MmuINT0179702	chr5	1.39E+08	1.39E+08	-	0.028308
Zfp68	MmuINT0179703	chr5	1.39E+08	1.39E+08	-	0.086392
Zfp68	MmuINT0179704	chr5	1.39E+08	1.39E+08	-	0.03932
Zfp687	MmuINT0179706	chr3	94814145	94814266	-	0.018404
Zfp687	MmuINT0179707	chr3	94813442	94813965	-	0.066537
Zfp687	MmuINT0179708	chr3	94813161	94813264	-	0.039897
Zfp687	MmuINT0179709	chr3	94812840	94812997	-	0.034644
Zfp687	MmuINT0179710	chr3	94812415	94812506	-	0.051899
Zfp687	MmuINT0179711	chr3	94812136	94812301	-	0.038841
Zfp687	MmuINT0179712	chr3	94811889	94811993	-	0.025281
Zfp688	MmuINT0179713	chr7	1.35E+08	1.35E+08	-	0.498234
Zfp691	MmuINT0179722	chr4	1.19E+08	1.19E+08	-	0.24681
Zfp697	MmuINT0179734	chr3	98186502	98229145	+	0.71349
Zfp697	MmuINT0179735	chr3	98229424	98231084	+	0.050066
Zfp704	MmuINT0179743	chr3	9565300	9609269	-	0.032955
Zfp704	MmuINT0179744	chr3	9474603	9565063	-	0.047129
Zfp704	MmuINT0179745	chr3	9471119	9474498	-	0.051679
Zfp704	MmuINT0179746	chr3	9452365	9470891	-	0.036718
Zfp704	MmuINT0179747	chr3	9447543	9452263	-	0.047881
Zfp704	MmuINT0179748	chr3	9446065	9447274	-	0.028749
Zfp704	MmuINT0179749	chr3	9439883	9445959	-	0.050626

Zfp704	MmulINT0179750	chr3	9438899	9439784	-	0.036094
Zfp707	MmulINT0179754	chr15	75799835	75803552	+	0.914727
Zfp707	MmulINT0179755	chr15	75803639	75803971	+	0.068842
Zfp707	MmulINT0179756	chr15	75804086	75804899	+	0.259247
Zfp71-rs1	MmulINT0179767	chr13	67809867	67811251	-	0.07688
Zfp710	MmulINT0179772	chr7	87227427	87230836	+	0.017624
Zfp710	MmulINT0179773	chr7	87231029	87231319	+	0.030667
Zfp710	MmulINT0179774	chr7	87231495	87235220	+	0.421822
Zfp715	MmulINT0179786	chr7	50566556	50568473	-	0.777455
Zfp715	MmulINT0179789	chr7	50555547	50556539	-	0.014491
Zfp719	MmulINT0179790	chr7	50835137	50839437	+	0.059976
Zfp719	MmulINT0179791	chr7	50839667	50841723	+	0.087325
Zfp719	MmulINT0179792	chr7	50841851	50844624	+	0.066658
Zfp738	MmulINT0179800	chr13	67772549	67773934	-	0.617313
Zfp74	MmulINT0179804	chr7	30721063	30722618	-	0.069845
Zfp740	MmulINT0179805	chr15	1.02E+08	1.02E+08	+	0.129234
Zfp740	MmulINT0179806	chr15	1.02E+08	1.02E+08	+	0.066677
Zfp746	MmulINT0179808	chr6	48033174	48033304	-	0.071778
Zfp746	MmulINT0179809	chr6	48032267	48033091	-	0.046216
Zfp746	MmulINT0179810	chr6	48017360	48032152	-	0.123269
Zfp746	MmulINT0179811	chr6	48016554	48017167	-	0.036024
Zfp746	MmulINT0179812	chr6	48014952	48016427	-	0.183378
Zfp758	MmulINT0179819	chr17	22498675	22508957	+	0.041729
Zfp758	MmulINT0179820	chr17	22509056	22510609	+	0.008629
Zfp758	MmulINT0179821	chr17	22510737	22511754	+	0.050579
Zfp759	MmulINT0179822	chr13	67229251	67237653	+	0.031989
Zfp760	MmulINT0179825	chr17	21844861	21845577	+	0.057392
Zfp764	MmulINT0179833	chr7	1.35E+08	1.35E+08	-	0.415578
Zfp768	MmulINT0179835	chr7	1.34E+08	1.34E+08	-	0.013682
Zfp770	MmulINT0179836	chr2	1.14E+08	1.14E+08	-	0.02126
Zfp771	MmulINT0179837	chr7	1.34E+08	1.34E+08	+	0.050417
Zfp771	MmulINT0179838	chr7	1.34E+08	1.34E+08	+	0.049463
Zfp775	MmulINT0179846	chr6	48563259	48569223	+	0.015347
Zfp777	MmulINT0179848	chr6	47992155	47993842	-	0.017615
Zfp777	MmulINT0179849	chr6	47987668	47992027	-	0.023112
Zfp777	MmulINT0179850	chr6	47979374	47987553	-	0.029605
Zfp777	MmulINT0179851	chr6	47975818	47979121	-	0.109838
Zfp780b	MmulINT0179858	chr7	28761853	28764108	-	0.147708
Zfp784	MmulINT0179871	chr7	4988082	4989936	-	0.157308
Zfp788	MmulINT0179879	chr7	48898803	48902852	+	0.354686
Zfp788	MmulINT0179880	chr7	48902988	48903188	+	0.032247
Zfp788	MmulINT0179881	chr7	48903250	48903562	+	0.029196
Zfp790	MmulINT0179883	chr7	30609973	30610710	+	0.038217
Zfp790	MmulINT0179884	chr7	30610807	30613139	+	0.029726
Zfp800	MmulINT0179895	chr6	28194664	28197140	-	0.016788
Zfp800	MmulINT0179896	chr6	28191658	28192976	-	0.234639
Zfp809	MmulINT0179906	chr9	22030277	22039463	+	0.033053
Zfp809	MmulINT0179907	chr9	22040739	22042118	+	0.035635
Zfp81	MmulINT0179911	chr17	33472599	33473399	-	0.056056
Zfp810	MmulINT0179912	chr9	22110047	22111992	-	0.177674

Zfp810	MmuINT0179913	chr9	22102954	22109955	-	0.054397
Zfp810	MmuINT0179917	chr9	22085004	22087611	-	0.078179
Zfp810	MmuINT0179918	chr9	22083725	22084896	-	0.071877
Zfp82	MmuINT0179930	chr7	30847338	30851259	-	0.80916
Zfp820	MmuINT0179934	chr17	21958164	21960810	-	0.774498
Zfp821	MmuINT0179936	chr8	1.12E+08	1.12E+08	+	0.119367
Zfp821	MmuINT0179937	chr8	1.12E+08	1.12E+08	+	0.041913
Zfp821	MmuINT0179938	chr8	1.12E+08	1.12E+08	+	0.07656
Zfp821	MmuINT0179939	chr8	1.12E+08	1.12E+08	+	0.088208
Zfp821	MmuINT0179940	chr8	1.12E+08	1.12E+08	+	0.052754
Zfp827	MmuINT0179945	chr8	81552629	81584148	+	0.042711
Zfp827	MmuINT0179949	chr8	81710253	81712047	+	0.269491
Zfp827	MmuINT0179952	chr8	81594443	81599956	+	0.02599
Zfp827	MmuINT0179953	chr8	81600438	81615731	+	0.022789
Zfp828	MmuINT0179959	chr8	13869812	13877797	+	0.082452
Zfp839	MmuINT0179967	chr12	1.12E+08	1.12E+08	+	0.026463
Zfp839	MmuINT0179968	chr12	1.12E+08	1.12E+08	+	0.0556
Zfp839	MmuINT0179969	chr12	1.12E+08	1.12E+08	+	0.086141
Zfp839	MmuINT0179970	chr12	1.12E+08	1.12E+08	+	0.026995
Zfp84	MmuINT0179971	chr7	30553715	30556357	+	0.039093
Zfp84	MmuINT0179972	chr7	30556423	30560356	+	0.102041
Zfp84	MmuINT0179973	chr7	30560484	30560923	+	0.025424
Zfp84	MmuINT0179974	chr7	30561011	30561150	+	0.038572
Zfp846	MmuINT0179977	chr9	20393080	20395256	+	0.130865
Zfp846	MmuINT0179978	chr9	20395329	20395782	+	0.080608
Zfp846	MmuINT0179979	chr9	20395866	20397604	+	0.316734
Zfp865	MmuINT0179988	chr7	4972258	4980592	+	0.309695
Zfp865	MmuINT0179989	chr7	4983810	4984364	+	0.989197
Zfp867	MmuINT0179995	chr11	59277789	59278513	-	0.043532
Zfp87	MmuINT0180007	chr13	67621658	67622128	-	0.917187
Zfp870	MmuINT0180011	chr17	33021111	33022647	-	0.030247
Zfp871	MmuINT0180014	chr17	32912954	32914101	-	0.018353
Zfp882	MmuINT0180030	chr8	74432638	74437020	+	0.127079
Zfp9	MmuINT0180032	chr6	1.18E+08	1.18E+08	-	0.066002
Zfp9	MmuINT0180035	chr6	1.18E+08	1.18E+08	-	0.176276
Zfp9	MmuINT0180036	chr6	1.18E+08	1.18E+08	-	0.08146
Zfp90	MmuINT0180037	chr8	1.09E+08	1.09E+08	+	0.146825
Zfp90	MmuINT0180038	chr8	1.09E+08	1.09E+08	+	0.254967
Zfp90	MmuINT0180039	chr8	1.09E+08	1.09E+08	+	0.181589
Zfp94	MmuINT0180049	chr7	25097515	25099368	-	0.061186
Zfpl1	MmuINT0180061	chr19	6084462	6084863	-	0.505327
Zfpl1	MmuINT0180062	chr19	6084061	6084351	-	0.045612
Zfpl1	MmuINT0180063	chr19	6082779	6083948	-	0.047453
Zfpl1	MmuINT0180064	chr19	6082472	6082584	-	0.017068
Zfpl1	MmuINT0180065	chr19	6082328	6082398	-	0.033526
Zfpl1	MmuINT0180066	chr19	6081965	6082180	-	0.020697
Zfpl1	MmuINT0180067	chr19	6081215	6081846	-	0.232155
Zfpm1	MmuINT0180068	chr8	1.25E+08	1.25E+08	+	0.037134
Zfpm1	MmuINT0180069	chr8	1.25E+08	1.25E+08	+	0.007908
Zfpm1	MmuINT0180070	chr8	1.25E+08	1.25E+08	+	0.009745

Zfpm1	MmuINT0180071	chr8	1.25E+08	1.25E+08	+	0.016546
Zfpm1	MmuINT0180072	chr8	1.25E+08	1.25E+08	+	0.022517
Zfpm1	MmuINT0180073	chr8	1.25E+08	1.25E+08	+	0.010581
Zfpm1	MmuINT0180074	chr8	1.25E+08	1.25E+08	+	0.013362
Zfpm1	MmuINT0180075	chr8	1.25E+08	1.25E+08	+	0.025008
Zfpm1	MmuINT0180076	chr8	1.25E+08	1.25E+08	+	0.018892
Zfpm2	MmuINT0180077	chr15	40487130	40584441	+	0.044262
Zfpm2	MmuINT0180078	chr15	40584601	40605590	+	0.01386
Zfpm2	MmuINT0180079	chr15	40605693	40702073	+	0.014101
Zfpm2	MmuINT0180080	chr15	40702193	40786238	+	0.023404
Zfr	MmuINT0180084	chr15	12047703	12047993	+	0.048057
Zfr	MmuINT0180085	chr15	12084321	12086017	+	0.005166
Zfr	MmuINT0180086	chr15	12086164	12089353	+	0.004159
Zfr	MmuINT0180087	chr15	12089517	12090239	+	0.004685
Zfr	MmuINT0180088	chr15	12090446	12091868	+	0.004412
Zfr	MmuINT0180089	chr15	12092020	12095899	+	0.004754
Zfr	MmuINT0180090	chr15	12096042	12100570	+	0.037339
Zfr	MmuINT0180091	chr15	12100669	12101513	+	0.038597
Zfr	MmuINT0180092	chr15	12101610	12110376	+	0.021381
Zfr	MmuINT0180093	chr15	12110489	12110597	+	0.004776
Zfr	MmuINT0180094	chr15	12110696	12113713	+	0.003874
Zfr	MmuINT0180095	chr15	12048094	12066150	+	0.013408
Zfr	MmuINT0180096	chr15	12066434	12067659	+	0.005883
Zfr	MmuINT0180097	chr15	12067805	12070188	+	0.004718
Zfr	MmuINT0180098	chr15	12070408	12075903	+	0.006645
Zfr	MmuINT0180099	chr15	12076152	12079282	+	0.006934
Zfr	MmuINT0180100	chr15	12079475	12079927	+	0.006272
Zfr	MmuINT0180101	chr15	12080220	12082555	+	0.004131
Zfr	MmuINT0180102	chr15	12082753	12084200	+	0.00641
Zfx	MmuINT0180123	chrX	91344192	91347629	-	0.04245
Zfx	MmuINT0180124	chrX	91327639	91343621	-	0.081482
Zfx	MmuINT0180125	chrX	91327308	91327488	-	0.044933
Zfx	MmuINT0180126	chrX	91326826	91327163	-	0.021659
Zfx	MmuINT0180128	chrX	91325319	91326058	-	0.014295
Zfyve1	MmuINT0180145	chr12	84936273	84937946	-	0.121908
Zfyve1	MmuINT0180146	chr12	84891885	84892415	-	0.028845
Zfyve1	MmuINT0180147	chr12	84889066	84891770	-	0.061343
Zfyve1	MmuINT0180148	chr12	84916087	84935347	-	0.019325
Zfyve1	MmuINT0180149	chr12	84910014	84915581	-	0.021345
Zfyve1	MmuINT0180150	chr12	84899671	84909798	-	0.039483
Zfyve1	MmuINT0180151	chr12	84896660	84899563	-	0.017943
Zfyve1	MmuINT0180152	chr12	84896213	84896550	-	0.020031
Zfyve1	MmuINT0180153	chr12	84896011	84896114	-	0.019574
Zfyve1	MmuINT0180154	chr12	84893497	84895892	-	0.021751
Zfyve1	MmuINT0180155	chr12	84892597	84893325	-	0.055527
Zfyve16	MmuINT0180156	chr13	93294294	93300653	-	0.054556
Zfyve16	MmuINT0180157	chr13	93275698	93278076	-	0.026639
Zfyve16	MmuINT0180158	chr13	93274536	93275614	-	0.034268
Zfyve16	MmuINT0180159	chr13	93274042	93274430	-	0.029393
Zfyve16	MmuINT0180160	chr13	93270249	93273893	-	0.057451

Zfyve16	MmuINT0180161	chr13	93265053	93270167	-	0.068223
Zfyve16	MmuINT0180162	chr13	93263919	93264889	-	0.011631
Zfyve16	MmuINT0180163	chr13	93262626	93263812	-	0.016274
Zfyve16	MmuINT0180164	chr13	93258579	93262457	-	0.025592
Zfyve16	MmuINT0180166	chr13	93289519	93291070	-	0.024849
Zfyve16	MmuINT0180169	chr13	93281812	93283741	-	0.017476
Zfyve16	MmuINT0180170	chr13	93280079	93281432	-	0.02334
Zfyve16	MmuINT0180171	chr13	93279002	93279955	-	0.046615
Zfyve16	MmuINT0180172	chr13	93278302	93278845	-	0.02656
Zfyve19	MmuINT0180174	chr2	1.19E+08	1.19E+08	+	0.044163
Zfyve19	MmuINT0180175	chr2	1.19E+08	1.19E+08	+	0.037082
Zfyve19	MmuINT0180176	chr2	1.19E+08	1.19E+08	+	0.02359
Zfyve19	MmuINT0180177	chr2	1.19E+08	1.19E+08	+	0.069375
Zfyve19	MmuINT0180178	chr2	1.19E+08	1.19E+08	+	0.023801
Zfyve19	MmuINT0180179	chr2	1.19E+08	1.19E+08	+	0.068235
Zfyve19	MmuINT0180180	chr2	1.19E+08	1.19E+08	+	0.07964
Zfyve19	MmuINT0180181	chr2	1.19E+08	1.19E+08	+	0.065256
Zfyve19	MmuINT0180182	chr2	1.19E+08	1.19E+08	+	0.046016
Zfyve19	MmuINT0180183	chr2	1.19E+08	1.19E+08	+	0.066444
Zfyve20	MmuINT0180184	chr6	92161896	92164704	-	0.024075
Zfyve20	MmuINT0180185	chr6	92141348	92143122	-	0.031987
Zfyve20	MmuINT0180186	chr6	92140453	92141242	-	0.025986
Zfyve20	MmuINT0180187	chr6	92157180	92161581	-	0.022544
Zfyve20	MmuINT0180188	chr6	92152665	92157038	-	0.035554
Zfyve20	MmuINT0180189	chr6	92151772	92152563	-	0.036591
Zfyve20	MmuINT0180190	chr6	92151628	92151725	-	0.046215
Zfyve20	MmuINT0180191	chr6	92149930	92151465	-	0.017074
Zfyve20	MmuINT0180192	chr6	92148249	92149687	-	0.020218
Zfyve20	MmuINT0180193	chr6	92144025	92148177	-	0.044262
Zfyve20	MmuINT0180194	chr6	92143226	92143937	-	0.04022
Zfyve21	MmuINT0180195	chr12	1.13E+08	1.13E+08	+	0.011506
Zfyve21	MmuINT0180196	chr12	1.13E+08	1.13E+08	+	0.01635
Zfyve21	MmuINT0180197	chr12	1.13E+08	1.13E+08	+	0.014
Zfyve21	MmuINT0180198	chr12	1.13E+08	1.13E+08	+	0.015216
Zfyve21	MmuINT0180199	chr12	1.13E+08	1.13E+08	+	0.441759
Zfyve21	MmuINT0180200	chr12	1.13E+08	1.13E+08	+	0.022145
Zfyve26	MmuINT0180211	chr12	80371928	80373053	-	0.065321
Zfyve26	MmuINT0180213	chr12	80370089	80371824	-	0.041806
Zfyve26	MmuINT0180214	chr12	80367542	80369345	-	0.048689
Zfyve26	MmuINT0180216	chr12	80365421	80366674	-	0.055255
Zfyve26	MmuINT0180217	chr12	80364937	80365297	-	0.041286
Zfyve26	MmuINT0180218	chr12	80362812	80364759	-	0.092964
Zfyve26	MmuINT0180219	chr12	80361887	80362564	-	0.07842
Zfyve26	MmuINT0180220	chr12	80358566	80361787	-	0.038557
Zfyve26	MmuINT0180221	chr12	80356354	80358401	-	0.040981
Zfyve26	MmuINT0180222	chr12	80353168	80356216	-	0.046176
Zfyve26	MmuINT0180224	chr12	80352278	80353135	-	0.080911
Zfyve26	MmuINT0180225	chr12	80350671	80352140	-	0.051198
Zfyve26	MmuINT0180226	chr12	80347606	80350449	-	0.053237
Zfyve26	MmuINT0180227	chr12	80347232	80347457	-	0.029074

Zfyve26	MmuINT0180228	chr12	80345478	80347021	-	0.053664
Zfyve26	MmuINT0180229	chr12	80342081	80345258	-	0.024962
Zfyve26	MmuINT0180230	chr12	80341044	80341882	-	0.030046
Zfyve26	MmuINT0180231	chr12	80340033	80340843	-	0.12005
Zfyve26	MmuINT0180232	chr12	80339369	80339890	-	0.071804
Zfyve26	MmuINT0180233	chr12	80338343	80339308	-	0.131351
Zfyve26	MmuINT0180235	chr12	80337646	80338159	-	0.061363
Zfyve26	MmuINT0180236	chr12	80335157	80337600	-	0.051574
Zfyve26	MmuINT0180241	chr12	80383990	80385022	-	0.047117
Zfyve27	MmuINT0180243	chr19	42245276	42246035	+	0.030159
Zfyve27	MmuINT0180244	chr19	42260440	42263686	+	0.02066
Zfyve27	MmuINT0180245	chr19	42263734	42264011	+	0.022984
Zfyve27	MmuINT0180246	chr19	42264094	42264872	+	0.012478
Zfyve27	MmuINT0180247	chr19	42246234	42251878	+	0.020357
Zfyve27	MmuINT0180248	chr19	42251950	42253778	+	0.034012
Zfyve27	MmuINT0180249	chr19	42253981	42255991	+	0.014954
Zfyve27	MmuINT0180250	chr19	42256088	42257148	+	0.012748
Zfyve27	MmuINT0180251	chr19	42257262	42257917	+	0.01919
Zfyve27	MmuINT0180252	chr19	42258055	42258607	+	0.023094
Zfyve27	MmuINT0180253	chr19	42258680	42260109	+	0.927782
Zfyve27	MmuINT0180254	chr19	42260131	42260294	+	0.930533
Zfyve9	MmuINT0180268	chr4	1.08E+08	1.08E+08	-	0.00888
Zfyve9	MmuINT0180269	chr4	1.08E+08	1.08E+08	-	0.015854
Zfyve9	MmuINT0180270	chr4	1.08E+08	1.08E+08	-	0.01111
Zfyve9	MmuINT0180271	chr4	1.08E+08	1.08E+08	-	0.009838
Zfyve9	MmuINT0180272	chr4	1.08E+08	1.08E+08	-	0.014305
Zfyve9	MmuINT0180273	chr4	1.08E+08	1.08E+08	-	0.017794
Zfyve9	MmuINT0180274	chr4	1.08E+08	1.08E+08	-	0.014156
Zfyve9	MmuINT0180275	chr4	1.08E+08	1.08E+08	-	0.010683
Zfyve9	MmuINT0180276	chr4	1.08E+08	1.08E+08	-	0.015694
Zfyve9	MmuINT0180277	chr4	1.08E+08	1.08E+08	-	0.014002
Zfyve9	MmuINT0180278	chr4	1.08E+08	1.08E+08	-	0.013477
Zfyve9	MmuINT0180279	chr4	1.08E+08	1.08E+08	-	0.014803
Zfyve9	MmuINT0180280	chr4	1.08E+08	1.08E+08	-	0.011651
Zfyve9	MmuINT0180281	chr4	1.08E+08	1.08E+08	-	0.011358
Zgpat	MmuINT0180288	chr2	1.81E+08	1.81E+08	+	0.045148
Zgpat	MmuINT0180289	chr2	1.81E+08	1.81E+08	+	0.008536
Zgpat	MmuINT0180290	chr2	1.81E+08	1.81E+08	+	0.016064
Zgpat	MmuINT0180291	chr2	1.81E+08	1.81E+08	+	0.023621
Zhx1	MmuINT0180294	chr15	57900985	57907711	-	0.029691
Zhx1	MmuINT0180295	chr15	57886638	57900873	-	0.020628
Zhx1	MmuINT0180296	chr15	57880341	57883778	-	0.056007
Zhx2	MmuINT0180297	chr15	57526560	57594200	+	0.022482
Zhx2	MmuINT0180298	chr15	57594275	57652586	+	0.015775
Zhx2	MmuINT0180299	chr15	57655307	57670145	+	0.012489
Zhx3	MmuINT0180301	chr2	1.61E+08	1.61E+08	-	0.050552
Zhx3	MmuINT0180302	chr2	1.61E+08	1.61E+08	-	0.151616
Zkscan1	MmuINT0180328	chr5	1.39E+08	1.39E+08	+	0.033235
Zkscan1	MmuINT0180332	chr5	1.39E+08	1.39E+08	+	0.035198
Zkscan14	MmuINT0180334	chr5	1.46E+08	1.46E+08	-	0.096108



Zkscan14	MmuINT0180335	chr5	1.46E+08	1.46E+08	-	0.030568
Zkscan17	MmuINT0180341	chr11	59319465	59319665	-	0.226198
Zkscan17	MmuINT0180342	chr11	59316603	59316885	-	0.010872
Zkscan17	MmuINT0180343	chr11	59313123	59316421	-	0.0189
Zkscan17	MmuINT0180344	chr11	59307350	59313045	-	0.040792
Zkscan17	MmuINT0180345	chr11	59306784	59307216	-	0.015721
Zkscan17	MmuINT0180346	chr11	59305731	59306672	-	0.016404
Zkscan17	MmuINT0180347	chr11	59301320	59305616	-	0.046312
Zkscan3	MmuINT0180357	chr13	21486451	21486627	-	0.007659
Zkscan3	MmuINT0180358	chr13	21485955	21486385	-	0.013235
Zkscan5	MmuINT0180362	chr5	1.46E+08	1.46E+08	+	0.036256
Zkscan5	MmuINT0180364	chr5	1.46E+08	1.46E+08	+	0.072276
Zkscan5	MmuINT0180366	chr5	1.46E+08	1.46E+08	+	0.038994
Zkscan6	MmuINT0180370	chr11	65628354	65629419	+	0.041431
Zkscan6	MmuINT0180371	chr11	65629628	65629990	+	0.048958
Zkscan6	MmuINT0180372	chr11	65630083	65635431	+	0.244162
Zkscan6	MmuINT0180373	chr11	65635517	65636326	+	0.097406
Zkscan6	MmuINT0180374	chr11	65636441	65641543	+	0.045207
Zmat1	MmuINT0180375	chrX	1.32E+08	1.32E+08	-	0.095988
Zmat2	MmuINT0180381	chr18	36953614	36953950	+	0.019027
Zmat2	MmuINT0180382	chr18	36954045	36954694	+	0.002906
Zmat2	MmuINT0180383	chr18	36954819	36955690	+	0.023408
Zmat2	MmuINT0180384	chr18	36955765	36956152	+	0.016863
Zmat2	MmuINT0180385	chr18	36956299	36957532	+	0.003596
Zmat3	MmuINT0180386	chr3	32260139	32264425	-	0.047635
Zmat3	MmuINT0180387	chr3	32244503	32259811	-	0.030989
Zmat3	MmuINT0180388	chr3	32242641	32244379	-	0.046286
Zmat3	MmuINT0180389	chr3	32242357	32242473	-	0.039888
Zmat3	MmuINT0180390	chr3	32240618	32242255	-	0.040808
Zmat5	MmuINT0180397	chr11	4604725	4622360	+	0.030056
Zmat5	MmuINT0180398	chr11	4622515	4628587	+	0.010892
Zmat5	MmuINT0180399	chr11	4628651	4630189	+	0.004359
Zmat5	MmuINT0180400	chr11	4630271	4632069	+	0.006001
Zmat5	MmuINT0180401	chr11	4632182	4637334	+	0.016275
Zmiz1	MmuINT0180402	chr14	26279043	26322140	+	0.017727
Zmiz1	MmuINT0180404	chr14	26466494	26469153	+	0.009415
Zmiz1	MmuINT0180405	chr14	26469337	26470010	+	0.018045
Zmiz1	MmuINT0180406	chr14	26470092	26470704	+	0.014322
Zmiz1	MmuINT0180407	chr14	26470880	26471332	+	0.012176
Zmiz1	MmuINT0180408	chr14	26471475	26472808	+	0.010899
Zmiz1	MmuINT0180409	chr14	26473020	26473984	+	0.004926
Zmiz1	MmuINT0180410	chr14	26474091	26474582	+	0.010119
Zmiz1	MmuINT0180411	chr14	26474744	26475508	+	0.011497
Zmiz1	MmuINT0180412	chr14	26475577	26475809	+	0.017945
Zmiz1	MmuINT0180413	chr14	26322246	26356230	+	0.014686
Zmiz1	MmuINT0180414	chr14	26475879	26476231	+	0.009894
Zmiz1	MmuINT0180415	chr14	26476477	26477592	+	0.010157
Zmiz1	MmuINT0180416	chr14	26477760	26480752	+	0.030353
Zmiz1	MmuINT0180417	chr14	26481008	26482425	+	0.07923
Zmiz1	MmuINT0180418	chr14	26356311	26391505	+	0.018548

Zmiz1	MmuINT0180419	chr14	26391615	26395616	+	0.014467
Zmiz1	MmuINT0180420	chr14	26395731	26401053	+	0.017551
Zmiz1	MmuINT0180421	chr14	26401160	26455358	+	0.014212
Zmiz1	MmuINT0180422	chr14	26455504	26463043	+	0.015892
Zmiz1	MmuINT0180423	chr14	26463159	26464141	+	0.010554
Zmiz1	MmuINT0180424	chr14	26464360	26465144	+	0.014308
Zmiz2	MmuINT0180426	chr11	6298728	6299506	+	0.004317
Zmiz2	MmuINT0180427	chr11	6299652	6299725	+	0.01597
Zmiz2	MmuINT0180428	chr11	6299937	6300772	+	0.005719
Zmiz2	MmuINT0180429	chr11	6300879	6301100	+	0.005056
Zmiz2	MmuINT0180430	chr11	6301259	6302409	+	0.018127
Zmiz2	MmuINT0180431	chr11	6302478	6302806	+	0.016033
Zmiz2	MmuINT0180432	chr11	6302876	6303122	+	0.02941
Zmiz2	MmuINT0180433	chr11	6303368	6303788	+	0.015443
Zmiz2	MmuINT0180434	chr11	6303959	6304042	+	0.002945
Zmiz2	MmuINT0180435	chr11	6304286	6304992	+	0.004122
Zmiz2	MmuINT0180436	chr11	6295292	6295570	+	0.01288
Zmiz2	MmuINT0180437	chr11	6295682	6295760	+	0.006939
Zmiz2	MmuINT0180438	chr11	6295876	6296234	+	0.016779
Zmiz2	MmuINT0180439	chr11	6296852	6297031	+	0.008788
Zmiz2	MmuINT0180440	chr11	6297293	6297509	+	0.007987
Zmiz2	MmuINT0180441	chr11	6297690	6298264	+	0.068377
Zmiz2	MmuINT0180442	chr11	6298343	6298558	+	0.060467
Zmpste24	MmuINT0180443	chr4	1.21E+08	1.21E+08	-	0.006757
Zmpste24	MmuINT0180444	chr4	1.21E+08	1.21E+08	-	0.009127
Zmpste24	MmuINT0180445	chr4	1.21E+08	1.21E+08	-	0.00876
Zmpste24	MmuINT0180446	chr4	1.21E+08	1.21E+08	-	0.009713
Zmpste24	MmuINT0180447	chr4	1.21E+08	1.21E+08	-	0.0052
Zmpste24	MmuINT0180448	chr4	1.21E+08	1.21E+08	-	0.009872
Zmpste24	MmuINT0180449	chr4	1.21E+08	1.21E+08	-	0.004919
Zmpste24	MmuINT0180450	chr4	1.21E+08	1.21E+08	-	0.0077
Zmpste24	MmuINT0180451	chr4	1.21E+08	1.21E+08	-	0.007001
Zmym1	MmuINT0180454	chr4	1.27E+08	1.27E+08	-	0.106135
Zmym1	MmuINT0180455	chr4	1.27E+08	1.27E+08	-	0.059
Zmym1	MmuINT0180456	chr4	1.27E+08	1.27E+08	-	0.122832
Zmym1	MmuINT0180457	chr4	1.27E+08	1.27E+08	-	0.168724
Zmym1	MmuINT0180458	chr4	1.27E+08	1.27E+08	-	0.097503
Zmym2	MmuINT0180460	chr14	57547175	57550925	+	0.014912
Zmym2	MmuINT0180461	chr14	57551099	57556346	+	0.011038
Zmym2	MmuINT0180462	chr14	57556513	57557241	+	0.016296
Zmym2	MmuINT0180463	chr14	57557277	57560834	+	0.016096
Zmym2	MmuINT0180464	chr14	57560965	57562089	+	0.015358
Zmym2	MmuINT0180465	chr14	57562206	57562902	+	0.011109
Zmym2	MmuINT0180466	chr14	57563075	57565327	+	0.014521
Zmym2	MmuINT0180467	chr14	57565454	57566783	+	0.018924
Zmym2	MmuINT0180468	chr14	57566879	57568346	+	0.013311
Zmym2	MmuINT0180469	chr14	57568516	57569013	+	0.011142
Zmym2	MmuINT0180470	chr14	57522390	57529914	+	0.01025
Zmym2	MmuINT0180471	chr14	57569166	57575016	+	0.008491
Zmym2	MmuINT0180472	chr14	57575132	57575688	+	0.02294

Zmym2	MmuINT0180473	chr14	57575941	57577018	+	0.070543
Zmym2	MmuINT0180474	chr14	57577140	57578551	+	0.020267
Zmym2	MmuINT0180475	chr14	57530198	57531788	+	0.01374
Zmym2	MmuINT0180476	chr14	57531955	57532792	+	0.018598
Zmym2	MmuINT0180477	chr14	57533006	57538107	+	0.015615
Zmym2	MmuINT0180478	chr14	57538180	57539423	+	0.023035
Zmym2	MmuINT0180479	chr14	57539575	57540338	+	0.020461
Zmym2	MmuINT0180480	chr14	57540455	57544677	+	0.012203
Zmym2	MmuINT0180481	chr14	57544795	57547023	+	0.014312
Zmym3	MmuINT0180482	chrX	98614292	98615036	-	0.157258
Zmym3	MmuINT0180484	chrX	98609001	98609242	-	0.023436
Zmym3	MmuINT0180485	chrX	98608617	98608827	-	0.197913
Zmym3	MmuINT0180486	chrX	98607815	98608450	-	0.028967
Zmym3	MmuINT0180488	chrX	98607297	98607476	-	0.018401
Zmym3	MmuINT0180489	chrX	98607046	98607183	-	0.01396
Zmym3	MmuINT0180490	chrX	98606699	98606870	-	0.017207
Zmym3	MmuINT0180491	chrX	98605500	98606551	-	0.023912
Zmym3	MmuINT0180492	chrX	98605120	98605395	-	0.026514
Zmym3	MmuINT0180493	chrX	98612670	98613611	-	0.120863
Zmym3	MmuINT0180494	chrX	98603931	98604492	-	0.025115
Zmym3	MmuINT0180496	chrX	98601143	98601243	-	0.016052
Zmym3	MmuINT0180497	chrX	98612321	98612625	-	0.128744
Zmym3	MmuINT0180498	chrX	98611801	98612247	-	0.048674
Zmym3	MmuINT0180499	chrX	98611278	98611505	-	0.021746
Zmym3	MmuINT0180500	chrX	98610746	98611099	-	0.049546
Zmym4	MmuINT0180512	chr4	1.27E+08	1.27E+08	-	0.013959
Zmym4	MmuINT0180514	chr4	1.27E+08	1.27E+08	-	0.027593
Zmym4	MmuINT0180515	chr4	1.27E+08	1.27E+08	-	0.053141
Zmym4	MmuINT0180516	chr4	1.27E+08	1.27E+08	-	0.029933
Zmym4	MmuINT0180518	chr4	1.27E+08	1.27E+08	-	0.023008
Zmym4	MmuINT0180519	chr4	1.27E+08	1.27E+08	-	0.018247
Zmym4	MmuINT0180521	chr4	1.27E+08	1.27E+08	-	0.028962
Zmym4	MmuINT0180522	chr4	1.27E+08	1.27E+08	-	0.021538
Zmym4	MmuINT0180523	chr4	1.27E+08	1.27E+08	-	0.017729
Zmym4	MmuINT0180524	chr4	1.27E+08	1.27E+08	-	0.019452
Zmym4	MmuINT0180525	chr4	1.27E+08	1.27E+08	-	0.028371
Zmym4	MmuINT0180526	chr4	1.27E+08	1.27E+08	-	0.019171
Zmym4	MmuINT0180527	chr4	1.27E+08	1.27E+08	-	0.023627
Zmym4	MmuINT0180528	chr4	1.27E+08	1.27E+08	-	0.025039
Zmym4	MmuINT0180529	chr4	1.27E+08	1.27E+08	-	0.035089
Zmym4	MmuINT0180531	chr4	1.27E+08	1.27E+08	-	0.036297
Zmym5	MmuINT0180540	chr14	57418030	57422985	-	0.010727
Zmym5	MmuINT0180541	chr14	57416668	57417746	-	0.010949
Zmym6	MmuINT0180544	chr4	1.27E+08	1.27E+08	+	0.874984
Zmym6	MmuINT0180545	chr4	1.27E+08	1.27E+08	+	0.020775
Zmym6	MmuINT0180546	chr4	1.27E+08	1.27E+08	+	0.051575
Zmym6	MmuINT0180547	chr4	1.27E+08	1.27E+08	+	0.022824
Zmym6	MmuINT0180548	chr4	1.27E+08	1.27E+08	+	0.056343
Zmym6	MmuINT0180549	chr4	1.27E+08	1.27E+08	+	0.012797
Zmym6	MmuINT0180550	chr4	1.27E+08	1.27E+08	+	0.026534

Zmym6	MmuINT0180551	chr4	1.27E+08	1.27E+08	+	0.031144
Zmym6	MmuINT0180552	chr4	1.27E+08	1.27E+08	+	0.036398
Zmym6	MmuINT0180553	chr4	1.27E+08	1.27E+08	+	0.051066
Zmym6	MmuINT0180554	chr4	1.27E+08	1.27E+08	+	0.02229
Zmym6	MmuINT0180555	chr4	1.27E+08	1.27E+08	+	0.022582
Zmym6	MmuINT0180556	chr4	1.27E+08	1.27E+08	+	0.014565
Zmym6	MmuINT0180557	chr4	1.27E+08	1.27E+08	+	0.015239
Zmynd11	MmuINT0180569	chr13	9734713	9764300	-	0.10568
Zmynd11	MmuINT0180570	chr13	9689761	9690148	-	0.034219
Zmynd11	MmuINT0180571	chr13	9688971	9689691	-	0.064931
Zmynd11	MmuINT0180572	chr13	9688495	9688697	-	0.03982
Zmynd11	MmuINT0180573	chr13	9686231	9688308	-	0.005941
Zmynd11	MmuINT0180574	chr13	9720179	9734577	-	0.002366
Zmynd11	MmuINT0180575	chr13	9697952	9720018	-	0.004885
Zmynd11	MmuINT0180576	chr13	9696983	9697873	-	0.010623
Zmynd11	MmuINT0180577	chr13	9695073	9696889	-	0.043443
Zmynd11	MmuINT0180578	chr13	9694431	9694984	-	0.090524
Zmynd11	MmuINT0180579	chr13	9693593	9694374	-	0.044313
Zmynd11	MmuINT0180580	chr13	9692795	9693514	-	0.003138
Zmynd11	MmuINT0180581	chr13	9690357	9692675	-	0.021231
Zmynd15	MmuINT0180589	chr11	70273583	70274053	+	0.849823
Zmynd15	MmuINT0180590	chr11	70278134	70278281	+	0.293995
Zmynd15	MmuINT0180592	chr11	70278668	70278840	+	0.668886
Zmynd15	MmuINT0180593	chr11	70279002	70279416	+	0.643903
Zmynd15	MmuINT0180594	chr11	70274643	70275285	+	0.92261
Zmynd15	MmuINT0180595	chr11	70275524	70275612	+	0.354861
Zmynd15	MmuINT0180598	chr11	70277094	70277417	+	0.273095
Zmynd17	MmuINT0180605	chr14	21304424	21305368	-	0.826889
Zmynd17	MmuINT0180606	chr14	21302866	21303856	-	0.951512
Zmynd17	MmuINT0180607	chr14	21302464	21302771	-	0.658545
Zmynd19	MmuINT0180608	chr2	24805568	24806992	+	0.011605
Zmynd19	MmuINT0180609	chr2	24807053	24808105	+	0.00432
Zmynd19	MmuINT0180612	chr2	24813737	24814437	+	0.003328
Zmynd8	MmuINT0180613	chr2	1.66E+08	1.66E+08	-	0.081467
Zmynd8	MmuINT0180614	chr2	1.66E+08	1.66E+08	-	0.013557
Zmynd8	MmuINT0180615	chr2	1.66E+08	1.66E+08	-	0.000751
Zmynd8	MmuINT0180616	chr2	1.66E+08	1.66E+08	-	0.319889
Zmynd8	MmuINT0180617	chr2	1.66E+08	1.66E+08	-	0.008721
Zmynd8	MmuINT0180618	chr2	1.66E+08	1.66E+08	-	0.005281
Zmynd8	MmuINT0180619	chr2	1.66E+08	1.66E+08	-	0.01784
Zmynd8	MmuINT0180620	chr2	1.66E+08	1.66E+08	-	0.033313
Zmynd8	MmuINT0180621	chr2	1.66E+08	1.66E+08	-	0.011215
Zmynd8	MmuINT0180622	chr2	1.66E+08	1.66E+08	-	0.004888
Zmynd8	MmuINT0180623	chr2	1.66E+08	1.66E+08	-	0.012577
Zmynd8	MmuINT0180625	chr2	1.66E+08	1.66E+08	-	0.01966
Zmynd8	MmuINT0180626	chr2	1.66E+08	1.66E+08	-	0.015158
Zmynd8	MmuINT0180627	chr2	1.66E+08	1.66E+08	-	0.117797
Zmynd8	MmuINT0180628	chr2	1.66E+08	1.66E+08	-	0.063712
Zmynd8	MmuINT0180631	chr2	1.66E+08	1.66E+08	-	0.130481
Zmynd8	MmuINT0180632	chr2	1.66E+08	1.66E+08	-	0.02681

Zmynd8	MmuINT0180633	chr2	1.66E+08	1.66E+08	-	0.011977
Zmynd8	MmuINT0180634	chr2	1.66E+08	1.66E+08	-	0.026175
Zmynd8	MmuINT0180635	chr2	1.66E+08	1.66E+08	-	0.027639
Znf512b	MmuINT0180637	chr2	1.81E+08	1.81E+08	-	0.054051
Znf512b	MmuINT0180638	chr2	1.81E+08	1.81E+08	-	0.058981
Znf512b	MmuINT0180639	chr2	1.81E+08	1.81E+08	-	0.176539
Znf512b	MmuINT0180640	chr2	1.81E+08	1.81E+08	-	0.055013
Znf512b	MmuINT0180641	chr2	1.81E+08	1.81E+08	-	0.322831
Znf512b	MmuINT0180642	chr2	1.81E+08	1.81E+08	-	0.050139
Znf512b	MmuINT0180644	chr2	1.81E+08	1.81E+08	-	0.19956
Znf512b	MmuINT0180645	chr2	1.81E+08	1.81E+08	-	0.834848
Znf512b	MmuINT0180646	chr2	1.81E+08	1.81E+08	-	0.040231
Znf512b	MmuINT0180647	chr2	1.81E+08	1.81E+08	-	0.0574
Znf512b	MmuINT0180648	chr2	1.81E+08	1.81E+08	-	0.021874
Znf512b	MmuINT0180649	chr2	1.81E+08	1.81E+08	-	0.07475
Znf512b	MmuINT0180650	chr2	1.81E+08	1.81E+08	-	0.017369
Znfx1	MmuINT0180652	chr2	1.67E+08	1.67E+08	-	0.042803
Znfx1	MmuINT0180653	chr2	1.67E+08	1.67E+08	-	0.06933
Znfx1	MmuINT0180654	chr2	1.67E+08	1.67E+08	-	0.024627
Znfx1	MmuINT0180655	chr2	1.67E+08	1.67E+08	-	0.016131
Znfx1	MmuINT0180656	chr2	1.67E+08	1.67E+08	-	0.0134
Znfx1	MmuINT0180657	chr2	1.67E+08	1.67E+08	-	0.014186
Znfx1	MmuINT0180658	chr2	1.67E+08	1.67E+08	-	0.015171
Znfx1	MmuINT0180659	chr2	1.67E+08	1.67E+08	-	0.029087
Znfx1	MmuINT0180660	chr2	1.67E+08	1.67E+08	-	0.015822
Znfx1	MmuINT0180662	chr2	1.67E+08	1.67E+08	-	0.015326
Znfx1	MmuINT0180663	chr2	1.67E+08	1.67E+08	-	0.011008
Znhit1	MmuINT0180664	chr5	1.37E+08	1.37E+08	-	0.007234
Znhit1	MmuINT0180665	chr5	1.37E+08	1.37E+08	-	0.002482
Znhit1	MmuINT0180666	chr5	1.37E+08	1.37E+08	-	0.037723
Znhit3	MmuINT0180667	chr11	84729633	84729757	-	0.014929
Znhit3	MmuINT0180668	chr11	84727788	84729600	-	0.03832
Znhit3	MmuINT0180669	chr11	84726805	84727712	-	0.060377
Znhit3	MmuINT0180670	chr11	84725151	84726723	-	0.029624
Znhit6	MmuINT0180671	chr3	1.45E+08	1.45E+08	+	0.053118
Znhit6	MmuINT0180672	chr3	1.45E+08	1.45E+08	+	0.060489
Znhit6	MmuINT0180673	chr3	1.45E+08	1.45E+08	+	0.018202
Znhit6	MmuINT0180674	chr3	1.45E+08	1.45E+08	+	0.017805
Znhit6	MmuINT0180675	chr3	1.45E+08	1.45E+08	+	0.019637
Znhit6	MmuINT0180676	chr3	1.45E+08	1.45E+08	+	0.021018
Znhit6	MmuINT0180677	chr3	1.45E+08	1.45E+08	+	0.01739
Znhit6	MmuINT0180678	chr3	1.45E+08	1.45E+08	+	0.014936
Znrd1	MmuINT0180680	chr17	37094878	37095093	-	0.014663
Znrd1	MmuINT0180681	chr17	37094621	37094776	-	0.019078
Znrd1	MmuINT0180682	chr17	37091498	37094510	-	0.034772
Znrd1as	MmuINT0180683	chr17	37095648	37101301	+	0.091121
Znrd1as	MmuINT0180684	chr17	37101378	37101778	+	0.009293
Znrf1	MmuINT0180687	chr8	1.14E+08	1.14E+08	+	0.860749
Znrf1	MmuINT0180688	chr8	1.14E+08	1.14E+08	+	0.019248
Znrf1	MmuINT0180689	chr8	1.14E+08	1.14E+08	+	0.003531

Znrf2	MmuINT0180690	chr6	54767467	54813893	+	0.030489
Znrf2	MmuINT0180691	chr6	54813990	54828342	+	0.019381
Znrf2	MmuINT0180692	chr6	54828449	54834758	+	0.008943
Znrf2	MmuINT0180693	chr6	54834841	54838449	+	0.006631
Znrf3	MmuINT0180695	chr11	5189741	5238640	-	0.061568
Znrf3	MmuINT0180697	chr11	5187487	5189028	-	0.069214
Znrf3	MmuINT0180698	chr11	5186265	5187375	-	0.07573
Znrf3	MmuINT0180699	chr11	5183444	5186096	-	0.057129
Znrf3	MmuINT0180700	chr11	5182509	5183340	-	0.058836
Znrf3	MmuINT0180701	chr11	5179765	5180810	-	0.580505
Zpbp	MmuINT0180756	chr11	11315341	11318164	-	0.048009
Zranb1	MmuINT0180780	chr7	1.4E+08	1.4E+08	+	0.006638
Zranb1	MmuINT0180781	chr7	1.4E+08	1.4E+08	+	0.010194
Zranb1	MmuINT0180782	chr7	1.4E+08	1.4E+08	+	0.017382
Zranb1	MmuINT0180783	chr7	1.4E+08	1.4E+08	+	0.007155
Zranb1	MmuINT0180784	chr7	1.4E+08	1.4E+08	+	0.006957
Zranb1	MmuINT0180785	chr7	1.4E+08	1.4E+08	+	0.026499
Zranb1	MmuINT0180786	chr7	1.4E+08	1.4E+08	+	0.04198
Zranb1	MmuINT0180787	chr7	1.4E+08	1.4E+08	+	0.017336
Zranb2	MmuINT0180788	chr3	1.57E+08	1.57E+08	+	0.006378
Zranb2	MmuINT0180789	chr3	1.57E+08	1.57E+08	+	0.005602
Zranb2	MmuINT0180790	chr3	1.57E+08	1.57E+08	+	0.004337
Zranb2	MmuINT0180791	chr3	1.57E+08	1.57E+08	+	0.00742
Zranb2	MmuINT0180792	chr3	1.57E+08	1.57E+08	+	0.004601
Zranb2	MmuINT0180793	chr3	1.57E+08	1.57E+08	+	0.00439
Zranb2	MmuINT0180794	chr3	1.57E+08	1.57E+08	+	0.079351
Zranb2	MmuINT0180795	chr3	1.57E+08	1.57E+08	+	0.177752
Zranb2	MmuINT0180796	chr3	1.57E+08	1.57E+08	+	0.223876
Zranb3	MmuINT0180799	chr1	1.3E+08	1.3E+08	-	0.042977
Zranb3	MmuINT0180800	chr1	1.3E+08	1.3E+08	-	0.094979
Zranb3	MmuINT0180801	chr1	1.3E+08	1.3E+08	-	0.049926
Zranb3	MmuINT0180804	chr1	1.3E+08	1.3E+08	-	0.057337
Zranb3	MmuINT0180805	chr1	1.3E+08	1.3E+08	-	0.09357
Zranb3	MmuINT0180806	chr1	1.3E+08	1.3E+08	-	0.052868
Zranb3	MmuINT0180807	chr1	1.3E+08	1.3E+08	-	0.09779
Zranb3	MmuINT0180808	chr1	1.3E+08	1.3E+08	-	0.036826
Zranb3	MmuINT0180809	chr1	1.3E+08	1.3E+08	-	0.069502
Zrsr2	MmuINT0180817	chrX	1.6E+08	1.6E+08	-	0.03516
Zrsr2	MmuINT0180818	chrX	1.6E+08	1.6E+08	-	0.1416
Zrsr2	MmuINT0180819	chrX	1.6E+08	1.6E+08	-	0.031066
Zrsr2	MmuINT0180820	chrX	1.6E+08	1.6E+08	-	0.020109
Zrsr2	MmuINT0180821	chrX	1.6E+08	1.6E+08	-	0.016733
Zrsr2	MmuINT0180822	chrX	1.6E+08	1.6E+08	-	0.018954
Zrsr2	MmuINT0180823	chrX	1.6E+08	1.6E+08	-	0.033224
Zrsr2	MmuINT0180824	chrX	1.6E+08	1.6E+08	-	0.052987
Zrsr2	MmuINT0180825	chrX	1.6E+08	1.6E+08	-	0.046231
Zscan12	MmuINT0180831	chr13	21454742	21455448	+	0.054339
Zscan12	MmuINT0180832	chr13	21455921	21458483	+	0.035733
Zscan12	MmuINT0180833	chr13	21458626	21460420	+	0.052375
Zscan20	MmuINT0180847	chr4	1.28E+08	1.28E+08	-	0.032575

Zscan21	MmuINT0180849	chr5	1.39E+08	1.39E+08	+	0.135865
Zscan21	MmuINT0180850	chr5	1.39E+08	1.39E+08	+	0.02564
Zscan21	MmuINT0180851	chr5	1.39E+08	1.39E+08	+	0.022032
Zscan21	MmuINT0180852	chr5	1.39E+08	1.39E+08	+	0.058536
Zscan29	MmuINT0180855	chr2	1.21E+08	1.21E+08	-	0.196169
Zscan29	MmuINT0180856	chr2	1.21E+08	1.21E+08	-	0.388609
Zscan29	MmuINT0180859	chr2	1.21E+08	1.21E+08	-	0.100387
Zswim1	MmuINT0180884	chr2	1.65E+08	1.65E+08	+	0.041069
Zswim4	MmuINT0180894	chr8	86759004	86760765	-	0.04462
Zswim4	MmuINT0180895	chr8	86743880	86747118	-	0.04939
Zswim4	MmuINT0180896	chr8	86741308	86743724	-	0.029631
Zswim4	MmuINT0180897	chr8	86738004	86741143	-	0.032496
Zswim4	MmuINT0180898	chr8	86736705	86737921	-	0.034954
Zswim4	MmuINT0180899	chr8	86754997	86758801	-	0.032023
Zswim4	MmuINT0180900	chr8	86753071	86754639	-	0.023273
Zswim4	MmuINT0180901	chr8	86752842	86752921	-	0.023398
Zswim4	MmuINT0180902	chr8	86750739	86752690	-	0.05058
Zswim4	MmuINT0180903	chr8	86750066	86750570	-	0.031346
Zswim4	MmuINT0180904	chr8	86748180	86749714	-	0.054937
Zswim4	MmuINT0180905	chr8	86747825	86748041	-	0.029382
Zswim4	MmuINT0180906	chr8	86747255	86747569	-	0.04835
Zswim6	MmuINT0180921	chr13	1.09E+08	1.09E+08	-	0.079501
Zswim6	MmuINT0180922	chr13	1.09E+08	1.09E+08	-	0.05614
Zswim6	MmuINT0180923	chr13	1.09E+08	1.09E+08	-	0.069127
Zswim6	MmuINT0180924	chr13	1.09E+08	1.09E+08	-	0.060023
Zswim6	MmuINT0180925	chr13	1.09E+08	1.09E+08	-	0.042812
Zswim6	MmuINT0180926	chr13	1.09E+08	1.09E+08	-	0.045471
Zswim6	MmuINT0180927	chr13	1.09E+08	1.09E+08	-	0.061543
Zswim6	MmuINT0180928	chr13	1.09E+08	1.09E+08	-	0.043332
Zswim6	MmuINT0180929	chr13	1.09E+08	1.09E+08	-	0.045527
Zswim6	MmuINT0180930	chr13	1.09E+08	1.09E+08	-	0.057262
Zswim6	MmuINT0180931	chr13	1.09E+08	1.09E+08	-	0.047738
Zswim6	MmuINT0180932	chr13	1.09E+08	1.09E+08	-	0.072907
Zswim7	MmuINT0180933	chr11	62090142	62094758	-	0.046054
Zswim7	MmuINT0180934	chr11	62087317	62090119	-	0.016323
Zswim7	MmuINT0180935	chr11	62082311	62087213	-	0.016826
Zswim7	MmuINT0180936	chr11	62081109	62082205	-	0.012254
Zufsp	MmuINT0180937	chr10	33669671	33670936	-	0.105973
Zufsp	MmuINT0180938	chr10	33669305	33669553	-	0.072714
Zufsp	MmuINT0180939	chr10	33663567	33668734	-	0.040214
Zufsp	MmuINT0180940	chr10	33660086	33663455	-	0.027552
Zufsp	MmuINT0180941	chr10	33655064	33659963	-	0.071157
Zufsp	MmuINT0180942	chr10	33650151	33654894	-	0.179661
Zufsp	MmuINT0180943	chr10	33649793	33649961	-	0.04541
Zufsp	MmuINT0180944	chr10	33647970	33649626	-	0.044879
Zufsp	MmuINT0180945	chr10	33647428	33647817	-	0.034078
Zw10	MmuINT0180946	chr9	48863893	48865747	+	0.019274
Zw10	MmuINT0180947	chr9	48877918	48879686	+	0.022166
Zw10	MmuINT0180948	chr9	48879759	48881307	+	0.238191
Zw10	MmuINT0180949	chr9	48881478	48882123	+	0.039294

Zw10	MmuINT0180950	chr9	48882255	48883009	+	0.020604
Zw10	MmuINT0180951	chr9	48883142	48885556	+	0.022336
Zw10	MmuINT0180952	chr9	48885760	48886303	+	0.010354
Zw10	MmuINT0180953	chr9	48865883	48868674	+	0.029331
Zw10	MmuINT0180954	chr9	48868777	48868972	+	0.019819
Zw10	MmuINT0180955	chr9	48869051	48869159	+	0.024473
Zw10	MmuINT0180956	chr9	48869320	48870297	+	0.110519
Zw10	MmuINT0180957	chr9	48870451	48872114	+	0.015943
Zw10	MmuINT0180958	chr9	48872307	48874783	+	0.015399
Zw10	MmuINT0180959	chr9	48874948	48876764	+	0.020175
Zw10	MmuINT0180960	chr9	48876948	48877678	+	0.013821
Zwint	MmuINT0180978	chr10	72117726	72118730	+	0.002734
Zwint	MmuINT0180979	chr10	72118822	72118985	+	0.002043
Zwint	MmuINT0180980	chr10	72119110	72119277	+	0.002269
Zwint	MmuINT0180982	chr10	72119622	72119793	+	0.002766
Zwint	MmuINT0180984	chr10	72120137	72130646	+	0.856042
Zxdc	MmuINT0180985	chr6	90320563	90322535	+	0.022528
Zxdc	MmuINT0180986	chr6	90322689	90322780	+	0.02105
Zxdc	MmuINT0180987	chr6	90322860	90323704	+	0.022894
Zxdc	MmuINT0180988	chr6	90323836	90328777	+	0.020214
Zxdc	MmuINT0180989	chr6	90332515	90334161	+	0.194351
Zxdc	MmuINT0180990	chr6	90348926	90350775	+	0.138532
Zxdc	MmuINT0180991	chr6	90350878	90352013	+	0.044453
Zyg11b	MmuINT0181005	chr4	1.08E+08	1.08E+08	-	0.008154
Zyg11b	MmuINT0181006	chr4	1.08E+08	1.08E+08	-	0.013053
Zyg11b	MmuINT0181007	chr4	1.08E+08	1.08E+08	-	0.010806
Zyg11b	MmuINT0181008	chr4	1.08E+08	1.08E+08	-	0.02317
Zyg11b	MmuINT0181009	chr4	1.08E+08	1.08E+08	-	0.0105
Zyg11b	MmuINT0181010	chr4	1.08E+08	1.08E+08	-	0.01214
Zyg11b	MmuINT0181011	chr4	1.08E+08	1.08E+08	-	0.00958
Zyg11b	MmuINT0181012	chr4	1.08E+08	1.08E+08	-	0.01235
Zyg11b	MmuINT0181013	chr4	1.08E+08	1.08E+08	-	0.013253
Zyg11b	MmuINT0181014	chr4	1.08E+08	1.08E+08	-	0.013729
Zyg11b	MmuINT0181015	chr4	1.08E+08	1.08E+08	-	0.01663
Zyg11b	MmuINT0181016	chr4	1.08E+08	1.08E+08	-	0.009857
Zyg11b	MmuINT0181017	chr4	1.08E+08	1.08E+08	-	0.012068
Zyx	MmuINT0181018	chr6	42300119	42300255	+	0.20211
Zyx	MmuINT0181019	chr6	42300476	42300944	+	0.011979
Zyx	MmuINT0181020	chr6	42301148	42301268	+	0.05492
Zyx	MmuINT0181021	chr6	42301362	42301473	+	0.022987
Zyx	MmuINT0181022	chr6	42301969	42305915	+	0.007987
Zyx	MmuINT0181023	chr6	42306037	42306160	+	0.004555
Zyx	MmuINT0181024	chr6	42306331	42306430	+	0.051082
Zyx	MmuINT0181025	chr6	42306610	42307311	+	0.06301
Zyx	MmuINT0181026	chr6	42307433	42307850	+	0.022357
Zzef1	MmuINT0181027	chr11	72610153	72631432	+	0.046418
Zzef1	MmuINT0181028	chr11	72656850	72657840	+	0.092858
Zzef1	MmuINT0181029	chr11	72657990	72662143	+	0.034149
Zzef1	MmuINT0181030	chr11	72662256	72664060	+	0.033532
Zzef1	MmuINT0181031	chr11	72664274	72665335	+	0.049032



Zzef1	MmuINT0181032	chr11	72665437	72666660	+	0.052813
Zzef1	MmuINT0181034	chr11	72669019	72671832	+	0.042028
Zzef1	MmuINT0181036	chr11	72673199	72677376	+	0.036089
Zzef1	MmuINT0181037	chr11	72677537	72678237	+	0.045817
Zzef1	MmuINT0181038	chr11	72631578	72635256	+	0.048605
Zzef1	MmuINT0181039	chr11	72678360	72678458	+	0.035952
Zzef1	MmuINT0181040	chr11	72678582	72679326	+	0.040331
Zzef1	MmuINT0181041	chr11	72679494	72679573	+	0.039709
Zzef1	MmuINT0181042	chr11	72679656	72680105	+	0.047917
Zzef1	MmuINT0181043	chr11	72680308	72681423	+	0.044002
Zzef1	MmuINT0181044	chr11	72681573	72683188	+	0.033559
Zzef1	MmuINT0181045	chr11	72683430	72686105	+	0.037271
Zzef1	MmuINT0181047	chr11	72687460	72688399	+	0.034675
Zzef1	MmuINT0181048	chr11	72688863	72690057	+	0.037041
Zzef1	MmuINT0181049	chr11	72635452	72636881	+	0.030565
Zzef1	MmuINT0181050	chr11	72690223	72694072	+	0.027006
Zzef1	MmuINT0181051	chr11	72694193	72694717	+	0.043016
Zzef1	MmuINT0181052	chr11	72694880	72697843	+	0.025479
Zzef1	MmuINT0181053	chr11	72697974	72700135	+	0.034331
Zzef1	MmuINT0181054	chr11	72700275	72701644	+	0.031004
Zzef1	MmuINT0181055	chr11	72701811	72702498	+	0.028736
Zzef1	MmuINT0181056	chr11	72702762	72704593	+	0.072989
Zzef1	MmuINT0181057	chr11	72704728	72706763	+	0.04012
Zzef1	MmuINT0181058	chr11	72706915	72708647	+	0.02496
Zzef1	MmuINT0181059	chr11	72708788	72713005	+	0.029709
Zzef1	MmuINT0181060	chr11	72637054	72637576	+	0.053311
Zzef1	MmuINT0181062	chr11	72714309	72714828	+	0.017717
Zzef1	MmuINT0181063	chr11	72714962	72720333	+	0.034579
Zzef1	MmuINT0181064	chr11	72720534	72721895	+	0.03655
Zzef1	MmuINT0181065	chr11	72722016	72723631	+	0.015943
Zzef1	MmuINT0181066	chr11	72723824	72724663	+	0.020983
Zzef1	MmuINT0181067	chr11	72724765	72726324	+	0.054716
Zzef1	MmuINT0181068	chr11	72726461	72726552	+	0.02326
Zzef1	MmuINT0181069	chr11	72726913	72728718	+	0.034786
Zzef1	MmuINT0181071	chr11	72637777	72639553	+	0.063252
Zzef1	MmuINT0181072	chr11	72730090	72730670	+	0.019151
Zzef1	MmuINT0181073	chr11	72730770	72731205	+	0.0371
Zzef1	MmuINT0181074	chr11	72731372	72735831	+	0.104898
Zzef1	MmuINT0181075	chr11	72735986	72736611	+	0.0237
Zzef1	MmuINT0181076	chr11	72736684	72738138	+	0.020651
Zzef1	MmuINT0181077	chr11	72639765	72644079	+	0.027983
Zzef1	MmuINT0181078	chr11	72644197	72645044	+	0.036243
Zzef1	MmuINT0181079	chr11	72645224	72650684	+	0.028305
Zzef1	MmuINT0181080	chr11	72650784	72656757	+	0.034469
Zzz3	MmuINT0181081	chr3	1.52E+08	1.52E+08	+	0.056909
Zzz3	MmuINT0181084	chr3	1.52E+08	1.52E+08	+	0.039031
Zzz3	MmuINT0181086	chr3	1.52E+08	1.52E+08	+	0.022703
Zzz3	MmuINT0181087	chr3	1.52E+08	1.52E+08	+	0.029468
Zzz3	MmuINT0181088	chr3	1.52E+08	1.52E+08	+	0.143227
Zzz3	MmuINT0181091	chr3	1.52E+08	1.52E+08	+	0.015377

Zzz3	MmuINT0181093	chr3	1.52E+08	1.52E+08	+	0.011595
l7Rn6	MmuINT0181098	chr7	97084475	97089478	-	0.000735
l7Rn6	MmuINT0181099	chr7	97072226	97084236	-	0.007008
l7Rn6	MmuINT0181100	chr7	97068702	97072073	-	0.004058
l7Rn6	MmuINT0181101	chr7	97067518	97068582	-	0.003859
rp9	MmuINT0181103	chr9	22261947	22263154	-	0.004189
rp9	MmuINT0181104	chr9	22258315	22261816	-	0.005151
rp9	MmuINT0181105	chr9	22254308	22258222	-	0.010183
rp9	MmuINT0181106	chr9	22253299	22254245	-	0.018418

	max(x)@P( delta	SRSF3_UE_	SRSF3_RI_	SRSF3_RI_	SRSF3_DE	Sum of SRSF3
SRSF3_KO_PSI	Psi  > x)>0.95	up	up	dw	_up	tags
0.005034	0	0	0	0	0	0
0.010501	0	0	0	0	0	0
0.041087	0	0	0	0	3	3
0.035453	0	3	0	0	0	3
0.022644	0	0	0	0	0	0
0.009592	0	0	0	0	0	0
0.003629	0	0	0	0	0	0
0.009962	0	0	0	0	0	0
0.004103	0	0	0	0	0	0
0.006401	0	0	0	0	0	0
0.002888	0	0	0	0	0	0
0.18512	0	0	0	0	0	0
0.041973	0	0	0	0	0	0
0.047077	0	0	0	0	0	0
0.08303	0	0	0	0	0	0
0.164685	0	0	0	0	0	0
0.061499	0	0	0	0	0	0
0.207944	0	0	0	0	0	0
0.047141	0	0	0	0	0	0
0.04829	0	0	0	0	0	0
0.043601	0	0	0	0	0	0
0.048185	0	0	0	0	0	0
0.017167	0	0	0	0	0	0
0.025428	0	0	0	0	0	0
0.017528	0	0	0	0	0	0
0.018198	0	0	0	0	0	0
0.068437	0	0	0	0	0	0
0.067993	0	0	0	0	0	0
0.097519	0	0	0	0	0	0
0.099491	0	0	0	0	0	0
0.070148	0	0	0	0	0	0
0.046105	0	0	0	0	0	0
0.001838	0	0	0	0	0	0
0.039453	0	0	0	0	0	0
0.030468	0	0	0	0	0	0
0.026316	0	0	0	0	0	0
0.001632	0	0	0	0	0	0
0.008008	0	0	0	0	0	0
0.015597	0	0	0	0	0	0
0.006388	0	0	0	0	0	0
0.002593	0	0	0	0	0	0
0.003504	0	0	0	0	0	0
0.002701	0	0	0	0	0	0
0.003451	0	0	0	0	0	0
0.005509	0	0	0	0	0	0
0.00183	0	0	0	0	0	0
0.006693	0	0	0	0	0	0
0.031596	0	0	0	0	0	0

0.009323	0	0	0	0	0	0
0.005542	0	0	0	0	0	0
0.024653	0	0	0	0	0	0
0.039848	0	0	0	0	0	0
0.014106	0	0	0	0	0	0
0.008522	0	0	0	0	0	0
0.010841	0	0	0	0	0	0
0.014624	0	0	0	0	0	0
0.013098	0	0	0	0	0	0
0.0137	0	0	0	0	0	0
0.00976	0	0	0	0	0	0
0.013229	0	0	0	0	0	0
0.009968	0	0	0	0	0	0
0.142836	0	0	0	0	0	0
0.022503	0	0	0	0	0	0
0.017559	0	0	0	0	0	0
0.017544	0	0	0	0	0	0
0.040918	0	0	0	0	0	0
0.019934	0	0	0	0	0	0
0.030961	0	0	0	0	0	0
0.029203	0	0	0	0	0	0
0.025678	0	0	0	0	0	0
0.01982	0	0	0	0	0	0
0.058247	0	0	0	0	0	0
0.036696	0	0	0	0	0	0
0.001402	0	0	0	1	0	1
0.009179	0	0	0	0	0	0
0.004658	0	0	0	0	0	0
0.006462	0	0	0	0	0	0
0.00633	0.01	0	0	0	0	0
0.014791	0.02	0	0	0	0	0
0.374812	0.06	0	0	0	0	0
0.008439	0	0	0	0	0	0
0.029412	0	0	0	0	0	0
0.014182	0	0	0	0	0	0
0.144686	0.26	1	0	0	0	1
0.036043	0.15	0	0	0	0	0
0.151389	0.09	0	0	0	0	0
0.031032	0	0	0	0	0	0
0.050904	0	0	0	0	0	0
0.002833	0	0	0	0	0	0
0.010844	0	0	0	0	0	0
0.004118	0	0	0	0	0	0
0.002915	0	0	0	0	0	0
0.003446	0	0	0	0	0	0
0.003477	0	0	0	0	0	0
0.011318	0	0	0	0	0	0
0.089148	0.14	0	0	0	0	0
0.0056	0	0	0	0	0	0
0.010525	0	0	0	0	0	0

0.004198	0	0	0	0	0	0
0.008315	0.01	0	0	0	0	0
0.029862	0	0	0	0	0	0
0.002996	0	0	0	0	0	0
0.000088	0	0	0	0	0	0
0.02024	0	0	0	0	0	0
0.018964	0	0	0	0	0	0
0.001191	0	0	0	0	0	0
0.016505	0	0	0	0	0	0
0.079736	0	0	0	0	0	0
0.169406	0	0	0	0	0	0
0.112361	0	0	0	0	0	0
0.022315	0	0	0	0	0	0
0.006053	0	0	0	0	0	0
0.006002	0	0	0	0	0	0
0.003791	0	0	0	0	0	0
0.010452	0	0	0	0	0	0
0.004914	0	0	0	0	0	0
0.009672	0	0	0	0	0	0
0.01103	0	0	0	0	0	0
0.004508	0	0	0	0	0	0
0.004285	0	0	0	0	0	0
0.020726	0	0	0	0	0	0
0.00457	0	0	0	0	0	0
0.005081	0	0	0	0	0	0
0.010918	0	0	0	0	0	0
0.017774	0	0	0	0	0	0
0.024342	0	0	0	0	0	0
0.28709	0.01	0	0	0	0	0
0.006919	0	0	0	0	0	0
0.005667	0	0	0	0	0	0
0.004555	0	0	0	0	0	0
0.034477	0	0	0	0	0	0
0.179438	0	0	0	0	0	0
0.027199	0	0	0	0	0	0
0.026886	0	0	0	0	0	0
0.026711	0	0	0	0	0	0
0.080653	0	0	0	0	0	0
0.020112	0	0	0	0	0	0
0.010008	0	0	0	0	0	0
0.406695	0	0	0	0	0	0
0.04861	0	0	0	0	0	0
0.105042	0.13	0	0	0	0	0
0.0456	0	0	0	0	0	0
0.030154	0	0	0	0	0	0
0.117467	0	0	0	0	0	0
0.010777	0	0	0	0	0	0
0.00348	0	0	0	0	0	0
0.020976	0	0	0	0	0	0
0.101106	0	0	0	0	0	0

0.030342	0	0	0	0	0	0
0.032707	0	0	0	0	0	0
0.100928	0	0	0	0	0	0
0.080011	0	0	0	0	0	0
0.064838	0	0	0	0	0	0
0.020204	0	0	0	0	0	0
0.140928	0	0	0	0	0	0
0.059969	0	0	0	0	0	0
0.017424	0	0	0	0	0	0
0.058123	0	0	0	0	0	0
0.024359	0	0	0	0	0	0
0.028502	0	0	0	0	0	0
0.015578	0	0	0	0	0	0
0.017544	0	0	0	0	0	0
0.025273	0	0	0	0	0	0
0.040014	0	0	0	0	0	0
0.032198	0	0	0	0	0	0
0.0603	0	0	0	0	0	0
0.084095	0	0	0	0	0	0
0.02959	0	0	0	0	0	0
0.026338	0	0	0	0	0	0
0.02486	0	0	0	0	0	0
0.034193	0	0	0	0	0	0
0.019483	0	0	0	0	0	0
0.020382	0	0	0	0	0	0
0.014156	0	0	0	0	0	0
0.081839	0	0	0	0	0	0
0.028469	0	0	0	0	0	0
0.0148	0	0	0	0	0	0
0.022144	0	0	0	0	0	0
0.06941	0	0	0	0	0	0
0.00543	0	0	0	0	0	0
0.005677	0	0	0	0	0	0
0.006469	0	0	0	0	0	0
0.019682	0	0	0	0	0	0
0.00297	0	0	0	0	0	0
0.003472	0	0	0	0	0	0
0.002503	0	0	0	0	0	0
0.002736	0	0	0	0	0	0
0.002575	0	0	0	0	0	0
0.003825	0	0	0	0	0	0
0.004309	0	0	0	0	0	0
0.004038	0	0	0	0	0	0
0.098916	0	0	0	0	0	0
0.086743	0.03	0	0	0	0	0
0.17709	0.15	0	0	0	0	0
0.036295	0	0	0	0	0	0
0.034351	0	0	0	0	0	0
0.032037	0	0	0	0	0	0
0.028022	0	0	0	0	0	0

0.021849	0	0	0	0	0	0
0.224859	0	0	0	0	0	0
0.032128	0	0	0	0	0	0
0.016827	0	7	0	0	0	7
0.133279	0.01	0	0	0	0	0
0.009974	0	0	0	0	0	0
0.06732	0	0	0	0	0	0
0.038169	0	0	0	0	0	0
0.004732	0	0	0	0	0	0
0.005459	0	0	0	0	0	0
0.011714	0	0	0	0	0	0
0.006924	0	0	0	0	0	0
0.006474	0	0	0	0	0	0
0.002615	0	0	0	0	0	0
0.00244	0	0	0	0	0	0
0.015563	0	0	0	0	0	0
0.017818	0	0	0	0	0	0
0.014313	0	0	0	0	0	0
0.019067	0	0	0	0	0	0
0.018219	0	0	0	0	0	0
0.0611	0	0	0	0	0	0
0.122461	0	0	0	0	0	0
0.138419	0	0	0	0	0	0
0.046793	0	0	0	0	0	0
0.070331	0	0	0	0	0	0
0.080756	0	0	0	0	0	0
0.067628	0	0	0	0	0	0
0.055354	0	0	0	0	0	0
0.03613	0	0	0	0	0	0
0.208524	0	0	0	0	0	0
0.030238	0	0	0	0	0	0
0.015859	0	0	0	0	0	0
0.019683	0	0	0	0	0	0
0.022396	0	0	0	0	0	0
0.029936	0	0	0	0	0	0
0.055372	0	0	0	0	0	0
0.014654	0	0	0	0	0	0
0.012996	0	0	0	0	0	0
0.011691	0	0	0	0	0	0
0.07583	0	0	0	0	0	0
0.016231	0	0	0	0	0	0
0.130444	0	0	0	0	0	0
0.058663	0	0	0	0	0	0
0.032447	0	0	0	0	0	0
0.078854	0	0	5	5	0	10
0.166186	0	0	0	0	0	0
0.334394	0	0	0	5	0	5
0.215861	0	0	0	0	0	0
0.020968	0	0	0	0	0	0
0.02389	0	0	0	0	0	0

0.016856	0	0	0	0	0	0
0.205088	0	0	0	0	0	0
0.102371	0	0	0	0	0	0
0.015937	0	0	0	0	0	0
0.053642	0.01	0	0	0	0	0
0.004217	0	0	0	0	0	0
0.021174	0	0	0	0	0	0
0.015838	0	0	0	0	0	0
0.012077	0	0	0	0	0	0
0.019946	0	0	0	0	0	0
0.005959	0	0	0	0	0	0
0.012751	0	0	0	0	0	0
0.022624	0	0	0	0	1	1
0.048232	0	1	0	0	0	1
0.076963	0	0	0	0	0	0
0.495496	0.06	0	0	0	0	0
0.501744	0.02	0	0	0	0	0
0.444487	0	0	0	0	0	0
0.366042	0	0	0	0	0	0
0.043858	0	0	0	0	0	0
0.102886	0	0	0	0	0	0
0.264936	0	0	0	0	0	0
0.046096	0	0	0	0	0	0
0.015199	0	0	0	0	0	0
0.007428	0	0	0	0	0	0
0.009886	0	0	0	0	0	0
0.007148	0	0	0	0	0	0
0.010504	0	0	0	0	0	0
0.008702	0	0	0	0	0	0
0.004871	0	0	0	0	0	0
0.023056	0	0	0	0	0	0
0.014453	0	0	0	0	0	0
0.009298	0	0	0	0	0	0
0.057348	0	0	0	0	0	0
0.05713	0	0	0	0	0	0
0.107757	0	0	0	0	0	0
0.004862	0	0	0	0	0	0
0.018231	0	0	0	0	0	0
0.02282	0	0	0	0	0	0
0.017163	0	0	0	0	0	0
0.039827	0	0	0	0	0	0
0.029838	0	0	0	0	0	0
0.029884	0	0	0	0	0	0
0.018966	0	0	0	0	0	0
0.031623	0	0	0	0	0	0
0.179134	0.03	0	0	0	0	0
0.032892	0	0	0	0	0	0
0.010715	0	0	0	0	0	0
0.025489	0	0	0	0	0	0
0.034104	0	0	0	0	0	0



0.014165	0	0	0	0	0	0
0.023389	0	0	0	0	0	0
0.035823	0	0	0	0	0	0
0.058425	0	0	0	0	0	0
0.204719	0.06	0	0	0	0	0
0.026077	0	0	0	0	0	0
0.073107	0	0	0	0	0	0
0.040084	0	0	0	0	0	0
0.094185	0	0	0	0	0	0
0.936271	0.31	0	0	0	0	0
0.061625	0	0	0	0	0	0
0.027204	0	0	0	0	0	0
0.023719	0	0	0	0	0	0
0.021542	0	0	0	0	0	0
0.007815	0	0	0	0	0	0
0.010488	0	0	0	0	0	0
0.007775	0	0	0	0	0	0
0.01112	0	0	0	0	0	0
0.0285	0	0	0	0	0	0
0.016091	0	0	0	0	0	0
0.014706	0	0	0	0	0	0
0.03103	0	0	0	0	0	0
0.013346	0	0	0	0	0	0
0.05495	0	0	0	0	0	0
0.009397	0	0	0	0	0	0
0.016995	0	0	0	0	0	0
0.014286	0	0	0	0	0	0
0.012155	0	0	0	0	0	0
0.011897	0	0	0	0	0	0
0.017987	0	0	0	0	0	0
0.019394	0	0	0	0	0	0
0.013366	0	0	0	0	0	0
0.029116	0	0	0	0	0	0
0.04205	0	0	0	0	0	0
0.033323	0	0	0	0	0	0
0.039325	0	0	0	0	0	0
0.051756	0	0	0	0	0	0
0.018858	0	0	0	0	0	0
0.051074	0	0	0	0	0	0
0.039375	0	0	0	0	0	0
0.059833	0	0	0	0	0	0
0.027359	0	0	0	0	0	0
0.048792	0	0	0	0	0	0
0.09649	0	0	0	0	0	0
0.054407	0	0	0	0	0	0
0.062013	0	0	0	0	0	0
0.048779	0	0	0	0	0	0
0.010681	0	0	0	0	0	0
0.00158	0	0	0	0	0	0
0.002812	0	0	0	0	0	0

0.002942	0	0	0	0	0	0
0.009792	0	0	0	0	0	0
0.012069	0	0	0	0	6	6
0.034598	0	6	0	0	0	6
0.014421	0	0	0	0	0	0
0.00636	0	0	0	0	1	1
0.017076	0	1	0	0	0	1
0.001544	0	0	0	0	0	0
0.002329	0	0	0	0	0	0
0.00232	0	0	0	0	0	0
0.002306	0	0	0	0	0	0
0.010882	0	0	0	0	0	0
0.005132	0.03	0	0	0	0	0
0.001984	0	0	0	0	0	0
0.007444	0	0	0	1	0	1
0.003663	0	0	0	0	0	0
0.011093	0.01	0	0	0	0	0
0.004154	0	0	0	0	0	0
0.002923	0	0	0	0	0	0
0.005604	0	0	0	0	0	0
0.004202	0	0	0	0	0	0
0.002233	0	0	0	1	0	1
0.008645	0	0	0	0	0	0
0.034928	0	0	0	0	0	0
0.006606	0	0	0	0	0	0
0.012393	0	0	0	0	0	0
0.01187	0	0	0	0	0	0
0.005992	0	0	0	0	0	0
0.004769	0	0	0	0	0	0
0.066828	0	0	0	0	0	0
0.009322	0	0	0	0	0	0
0.003614	0	0	0	0	0	0
0.004211	0	0	0	0	0	0
0.003497	0	0	0	0	0	0
0.003266	0	0	0	0	0	0
0.003296	0	0	0	0	0	0
0.002537	0	0	0	0	0	0
0.002999	0	0	0	0	0	0
0.002158	0	0	0	0	0	0
0.002335	0	0	0	0	0	0
0.006479	0	0	0	0	0	0
0.002402	0	0	0	0	0	0
0.003825	0	0	0	0	0	0
0.004329	0	0	0	0	0	0
0.002278	0	0	0	0	0	0
0.001959	0	0	0	0	0	0
0.004813	0	0	0	0	0	0
0.002309	0	0	0	0	0	0
0.001648	0	0	0	0	0	0
0.002207	0	0	0	0	0	0

0.002555	0	0	0	0	0	0
0.005947	0	0	0	0	0	0
0.002671	0	0	0	0	0	0
0.002988	0	0	0	0	0	0
0.005064	0	0	0	0	0	0
0.002521	0	0	0	0	0	0
0.002184	0	0	0	0	0	0
0.003823	0	0	0	0	0	0
0.007905	0	0	0	0	0	0
0.005491	0	0	0	0	0	0
0.009553	0	0	0	0	0	0
0.005119	0	0	0	0	0	0
0.002711	0	0	0	0	0	0
0.002454	0	0	0	0	0	0
0.015854	0	0	0	0	0	0
0.024932	0	0	0	0	0	0
0.042774	0	0	0	0	0	0
0.072697	0	0	0	0	0	0
0.018303	0	0	0	0	0	0
0.040367	0	0	0	0	0	0
0.044695	0	0	0	0	0	0
0.092464	0	0	0	0	0	0
0.037384	0	0	0	0	0	0
0.022208	0	0	0	0	0	0
0.025937	0	0	0	0	0	0
0.017092	0	0	0	0	0	0
0.029928	0	0	0	0	0	0
0.026136	0	0	0	0	0	0
0.202911	0.01	0	0	0	0	0
0.027286	0	0	0	0	0	0
0.155626	0	0	0	0	0	0
0.015247	0	0	0	0	0	0
0.038097	0	0	0	0	0	0
0.071356	0	0	0	0	0	0
0.01964	0	0	0	0	0	0
0.018052	0	0	0	0	0	0
0.1249	0	0	0	0	0	0
0.308308	0	0	0	0	0	0
0.001253	0	0	0	0	0	0
0.008301	0	0	0	0	0	0
0.006045	0	0	0	0	0	0
0.006557	0	0	0	0	0	0
0.006663	0	0	0	0	0	0
0.01494	0	0	0	0	0	0
0.079605	0	0	0	0	0	0
0.150647	0	0	0	0	0	0
0.021398	0	0	0	0	0	0
0.012613	0	0	0	0	0	0
0.034517	0	0	0	0	0	0
0.021819	0	0	0	0	0	0

0.082533	0	0	0	0	0	0
0.078282	0	0	0	0	0	0
0.020154	0	0	0	0	0	0
0.094567	0	0	0	0	0	0
0.022626	0	0	0	0	0	0
0.032053	0	0	0	0	0	0
0.041437	0	0	0	0	0	0
0.004298	0	0	0	0	0	0
0.003893	0	0	0	0	0	0
0.045249	0	0	0	0	0	0
0.040622	0	0	0	0	0	0
0.057682	0	0	0	0	0	0
0.024593	0	0	0	0	0	0
0.049835	0	0	0	0	0	0
0.024092	0	0	0	0	0	0
0.025334	0	0	0	0	0	0
0.053306	0	0	0	0	0	0
0.059508	0	0	0	0	0	0
0.124655	0	0	0	0	0	0
0.047719	0	0	0	0	0	0
0.122571	0	0	0	0	0	0
0.125539	0	0	0	0	0	0
0.053007	0	0	0	0	0	0
0.032462	0	0	0	0	0	0
0.067863	0	0	0	0	0	0
0.076265	0	0	0	0	0	0
0.036017	0	0	0	0	0	0
0.075566	0	0	0	0	0	0
0.028652	0	0	0	0	0	0
0.03157	0	0	0	0	0	0
0.241844	0	0	0	0	0	0
0.04865	0	0	0	0	0	0
0.044087	0	0	0	0	0	0
0.003073	0	0	0	0	0	0
0.035583	0	0	0	0	0	0
0.175621	0	0	0	0	0	0
0.001367	0	0	0	0	0	0
0.059607	0	0	8	8	4	20
0.036782	0	4	0	13	0	17
0.245788	0	0	17	17	0	34
0.0819	0	0	0	0	0	0
0.016326	0	0	0	0	0	0
0.020928	0	0	0	0	0	0
0.079661	0	0	0	0	0	0
0.033808	0	0	0	0	0	0
0.038823	0	0	0	0	0	0
0.040507	0	0	0	0	0	0
0.006598	0	0	0	0	0	0
0.001172	0	0	0	0	0	0
0.569324	0	0	1	1	0	2

0.095624	0	0	0	0	0	0
0.019986	0	0	0	0	0	0
0.0215	0	0	0	0	0	0
0.109439	0	0	0	0	0	0
0.068521	0	0	0	0	0	0
0.015616	0	0	0	0	0	0
0.865663	0.04	0	0	0	0	0
0.354216	0.02	0	0	0	0	0
0.029638	0	0	0	0	0	0
0.167039	0	0	0	0	0	0
0.050911	0	0	0	0	0	0
0.067673	0	0	0	0	7	7
0.533742	0	7	0	0	0	7
0.06885	0	0	0	0	0	0
0.786649	0	0	0	0	0	0
0.963637	0	0	0	0	0	0
0.961286	0	0	0	0	0	0
0.019496	0	0	0	0	0	0
0.020515	0	0	0	0	0	0
0.006857	0	0	0	0	0	0
0.013553	0.05	0	0	0	0	0
0.008557	0	0	0	0	0	0
0.022195	0	0	0	0	0	0
0.362144	0.27	0	0	0	0	0
0.061111	0.24	0	0	0	0	0
0.064794	0	0	0	0	0	0
0.064332	0	0	0	0	0	0
0.007844	0	0	0	0	0	0
0.005361	0	0	0	0	0	0
0.018076	0	0	0	0	0	0
0.021423	0	0	0	0	0	0
0.01094	0	0	0	0	0	0
0.004784	0	0	0	0	0	0
0.961423	0	0	0	0	0	0
0.768944	0	0	0	0	0	0
0.008921	0	0	0	0	0	0
0.944841	0	0	0	0	0	0
0.029295	0	0	0	0	0	0
0.05749	0	0	0	0	0	0
0.039342	0	0	0	0	0	0
0.021852	0	0	0	0	0	0
0.019788	0	0	0	0	0	0
0.053425	0	0	0	0	0	0
0.052777	0	0	0	0	0	0
0.021225	0	0	0	0	0	0
0.017646	0	0	0	0	0	0
0.009359	0.01	0	0	0	0	0
0.023205	0	0	0	0	0	0
0.060625	0	0	0	0	0	0
0.001417	0	0	0	0	0	0

0.002671	0	0	0	0	0	0
0.060922	0	0	0	0	0	0
0.081187	0	0	0	0	0	0
0.042941	0	0	0	0	0	0
0.06943	0	0	0	0	0	0
0.016046	0	0	0	0	0	0
0.011875	0	0	0	0	0	0
0.073438	0	0	0	0	0	0
0.037536	0	0	0	0	0	0
0.036593	0	0	0	0	0	0
0.007067	0	0	0	0	0	0
0.031509	0	0	0	0	0	0
0.031211	0	0	0	0	0	0
0.018052	0	0	0	0	0	0
0.037542	0	0	0	0	0	0
0.07153	0	0	0	0	0	0
0.024177	0	0	0	0	0	0
0.025089	0	0	0	0	0	0
0.008983	0	0	0	0	0	0
0.004038	0	0	0	0	0	0
0.004097	0	0	0	0	0	0
0.003413	0	0	0	0	0	0
0.004839	0	0	0	0	0	0
0.068189	0	0	0	0	0	0
0.049568	0	0	0	0	0	0
0.056955	0	0	0	0	0	0
0.057137	0	0	0	0	0	0
0.019168	0	0	0	0	0	0
0.034891	0	0	0	0	0	0
0.011621	0	0	0	0	0	0
0.019494	0	0	0	0	0	0
0.090803	0	0	0	0	0	0
0.120215	0	0	0	2	0	2
0.066615	0	0	0	0	0	0
0.045881	0	0	0	0	0	0
0.047023	0	0	0	0	0	0
0.152957	0	0	0	0	0	0
0.050582	0	0	0	0	0	0
0.096404	0	0	0	0	0	0
0.15426	0	0	0	0	0	0
0.003565	0	0	0	0	0	0
0.032084	0	0	0	0	0	0
0.006582	0	0	0	0	0	0
0.013508	0	0	0	0	0	0
0.057717	0	0	0	0	0	0
0.184807	0	0	0	0	0	0
0.154839	0	0	0	0	0	0
0.066726	0.02	0	0	0	0	0
0.1104	0	0	0	0	0	0
0.09987	0	0	0	0	0	0

0.078287	0	0	0	0	0	0
0.222027	0	0	0	0	0	0
0.164646	0	0	0	0	0	0
0.049691	0	0	0	0	0	0
0.058471	0	0	0	0	0	0
0.063215	0	0	0	0	0	0
0.049961	0	0	0	0	0	0
0.063248	0	0	0	0	0	0
0.043456	0	0	0	0	0	0
0.035633	0	0	0	0	0	0
0.050002	0	0	0	0	0	0
0.038324	0	0	0	0	0	0
0.052945	0	0	0	0	0	0
0.076372	0	0	0	0	0	0
0.986074	0	0	0	0	0	0
0.020758	0	0	0	0	0	0
0.040083	0	0	0	0	0	0
0.050359	0	0	0	0	0	0
0.011057	0	0	0	0	0	0
0.030878	0	0	0	0	0	0
0.042326	0	0	0	0	0	0
0.042541	0	0	0	0	0	0
0.017326	0	0	0	0	0	0
0.027272	0	0	0	0	0	0
0.021196	0	0	0	0	0	0
0.120968	0	0	0	0	0	0
0.998956	0	0	0	0	6	6
0.848653	0.04	6	0	0	0	6
0.81835	0.04	0	0	0	0	0
0.939927	0	0	0	0	0	0
0.145582	0.07	0	0	0	0	0
0.048173	0	0	0	0	0	0
0.016085	0	0	0	0	0	0
0.015363	0	0	0	0	0	0
0.939878	0	0	0	0	0	0
0.053001	0	0	0	0	0	0
0.018106	0	0	0	0	0	0
0.245009	0	0	0	0	0	0
0.020515	0	0	0	0	0	0
0.023869	0	0	0	0	0	0
0.004509	0	0	0	0	0	0
0.008485	0	0	0	0	0	0
0.005567	0	0	0	0	0	0
0.016923	0	0	0	0	0	0
0.008443	0	0	0	0	0	0
0.004017	0	0	0	0	0	0
0.001164	0	0	0	0	0	0
0.003926	0	0	0	0	0	0
0.001581	0	0	0	0	0	0
0.007641	0	0	0	0	0	0

0.026973	0	0	0	0	0	0
0.006497	0	0	0	0	0	0
0.004267	0	0	0	0	0	0
0.002738	0	0	0	0	0	0
0.478288	0.05	0	0	0	0	0
0.025314	0	0	0	0	0	0
0.00241	0	0	0	0	0	0
0.017809	0.05	0	0	0	0	0
0.007814	0.01	0	0	0	0	0
0.026771	0.01	0	0	0	0	0
0.002756	0	0	0	0	0	0
0.004322	0	0	0	0	0	0
0.019222	0	0	0	0	0	0
0.012296	0	0	0	0	0	0
0.004659	0	0	0	0	0	0
0.010279	0	0	0	0	0	0
0.006119	0	0	0	0	0	0
0.059654	0	0	0	0	0	0
0.007598	0	0	0	0	0	0
0.000536	0	0	0	0	0	0
0.001142	0	0	0	0	0	0
0.000901	0	0	0	0	0	0
0.098763	0	0	0	0	0	0
0.022554	0	0	0	0	0	0
0.027204	0	0	0	0	0	0
0.015855	0	0	0	0	0	0
0.025158	0	0	0	0	0	0
0.066219	0	0	0	4	0	4
0.598407	0.1	0	0	3	0	3
0.013465	0	0	0	0	0	0
0.007278	0	0	0	0	4	4
0.022552	0	4	0	0	0	4
0.009693	0	0	0	0	0	0
0.028581	0	0	0	0	0	0
0.020379	0	0	0	0	0	0
0.051129	0	0	0	0	0	0
0.023907	0	0	0	0	0	0
0.007803	0.01	0	0	0	0	0
0.567759	0	0	0	0	5	5
0.000474	0	0	0	0	0	0
0.0024	0	0	0	0	0	0
0.006226	0	0	0	0	0	0
0.011059	0	0	0	0	0	0
0.036371	0	0	0	0	0	0
0.020846	0	0	0	0	0	0
0.052297	0.02	0	0	0	0	0
0.03487	0.01	0	0	2	0	2
0.062599	0.01	0	0	0	0	0
0.036498	0	0	0	0	0	0
0.001219	0	0	0	0	0	0



0.00853	0	0	0	0	0	0
0.009028	0	0	0	0	0	0
0.005402	0	0	0	0	0	0
0.030269	0	0	0	0	0	0
0.052719	0	0	0	0	0	0
0.574457	0	0	0	0	0	0
0.07615	0	0	0	0	0	0
0.032353	0	0	0	0	0	0
0.020947	0	0	0	0	0	0
0.153003	0	0	0	0	0	0
0.06565	0	0	0	0	0	0
0.020745	0	0	0	0	0	0
0.000623	0	0	0	0	4	4
0.017593	0	0	0	0	0	0
0.062498	0	0	0	0	0	0
0.063612	0	0	0	0	0	0
0.009744	0	0	0	0	0	0
0.011142	0	0	0	0	0	0
0.012906	0	0	0	0	0	0
0.013596	0	0	0	0	0	0
0.012725	0	0	0	0	0	0
0.03948	0	0	0	0	0	0
0.021824	0	0	0	0	0	0
0.007317	0	0	0	0	0	0
0.00642	0	0	0	0	0	0
0.024207	0	0	0	0	0	0
0.013584	0	0	0	0	0	0
0.014385	0	0	0	0	0	0
0.016267	0	0	0	0	0	0
0.018324	0	0	0	0	0	0
0.020794	0	0	0	0	0	0
0.013327	0	0	0	0	0	0
0.013133	0	0	0	0	0	0
0.050509	0.05	0	0	0	0	0
0.933174	0	0	0	0	0	0
0.014423	0	0	0	0	0	0
0.124886	0	0	0	0	0	0
0.194301	0	0	0	0	0	0
0.13193	0	0	0	0	0	0
0.006131	0	0	0	0	0	0
0.017766	0	0	0	0	0	0
0.134707	0	0	0	0	0	0
0.010793	0	0	0	0	0	0
0.018309	0	0	0	0	0	0
0.02775	0	0	0	0	0	0
0.016139	0	0	0	0	0	0
0.01663	0	0	0	0	0	0
0.008768	0	0	0	0	0	0
0.010675	0	0	0	0	0	0
0.003822	0	0	0	0	0	0

0.005994	0	0	0	0	0	0
0.011279	0	0	0	0	0	0
0.007492	0	0	0	0	0	0
0.004663	0	0	0	0	0	0
0.011887	0	0	0	0	0	0
0.005613	0	0	0	0	0	0
0.010098	0	0	0	0	0	0
0.010212	0	0	0	0	0	0
0.000277	0	0	0	0	0	0
0.000846	0	0	0	0	0	0
0.000345	0	0	0	0	0	0
0.01829	0.01	0	0	0	0	0
0.96942	0	0	0	5	0	5
0.009732	0	0	0	0	0	0
0.003637	0	0	11	0	16	27
0.136922	0.06	16	9	22	5	52
0.004553	0	5	0	0	3	8
0.006579	0	0	0	0	0	0
0.003981	0	0	0	0	0	0
0.007969	0	0	0	0	0	0
0.022986	0	0	0	0	0	0
0.018157	0	0	0	0	0	0
0.003509	0	0	0	0	0	0
0.021299	0	0	0	0	0	0
0.007956	0	0	0	0	0	0
0.007489	0	0	0	0	0	0
0.012081	0.01	0	0	0	0	0
0.02623	0	0	0	0	0	0
0.05155	0	0	0	0	0	0
0.04333	0	0	0	0	0	0
0.022503	0	0	0	0	0	0
0.017493	0	0	0	0	0	0
0.040267	0	0	0	0	0	0
0.014458	0	0	0	0	0	0
0.016257	0	0	0	0	0	0
0.010699	0	0	0	0	0	0
0.040602	0	0	0	0	0	0
0.366905	0.01	0	0	0	0	0
0.124569	0	0	0	0	0	0
0.002545	0	0	0	0	3	3
0.005143	0	3	0	0	0	3
0.001619	0	0	0	0	0	0
0.011891	0	0	0	0	0	0
0.021626	0	0	0	0	0	0
0.016907	0	0	0	0	0	0
0.042212	0	0	0	0	0	0
0.020308	0	0	0	0	0	0
0.292404	0.09	0	0	0	0	0
0.0742	0	0	0	0	0	0
0.043567	0	0	0	0	0	0

0.032399	0	0	0	0	0	0
0.03171	0	0	0	0	0	0
0.03974	0	0	0	0	0	0
0.079983	0	0	0	0	0	0
0.073681	0	0	0	0	0	0
0.345677	0	0	0	0	0	0
0.072078	0	0	0	0	0	0
0.0581	0	0	0	0	0	0
0.042752	0	0	0	0	0	0
0.081355	0	0	0	0	0	0
0.066189	0	0	0	0	0	0
0.040881	0	0	0	0	0	0
0.076977	0	0	0	0	0	0
0.041939	0	0	0	0	0	0
0.01275	0	0	0	0	0	0
0.017562	0	0	0	0	0	0
0.008194	0	0	0	3	0	3
0.363747	0.22	0	0	18	8	26
0.02178	0	0	0	0	0	0
0.022638	0	0	0	0	0	0
0.106178	0	0	0	0	0	0
0.11531	0	0	0	0	0	0
0.393838	0	0	0	0	0	0
0.306829	0	0	0	0	0	0
0.003296	0	0	0	0	0	0
0.004375	0	0	0	0	0	0
0.00269	0	0	0	0	0	0
0.003269	0	0	0	0	0	0
0.004636	0	0	0	0	0	0
0.036913	0	0	0	0	0	0
0.034117	0	0	0	0	0	0
0.313525	0	0	0	0	0	0
0.033859	0	0	0	0	0	0
0.004497	0	0	0	0	0	0
0.002486	0	0	0	0	0	0
0.005697	0	0	0	0	0	0
0.007125	0	0	0	0	0	0
0.003379	0	0	0	0	0	0
0.012936	0	0	0	0	0	0
0.008973	0	0	0	0	0	0
0.004126	0	0	0	0	0	0
0.00443	0	0	0	0	0	0
0.021479	0	0	0	0	0	0
0.013716	0	0	0	0	0	0
0.015224	0	0	0	0	0	0
0.004958	0	0	0	0	0	0
0.040897	0	0	0	0	0	0
0.047759	0	0	0	0	0	0
0.046945	0	0	0	0	0	0
0.101887	0	0	0	0	0	0

0.055832	0	0	0	0	0	0
0.025205	0	0	0	0	0	0
0.01443	0	0	0	0	0	0
0.021901	0	0	0	0	0	0
0.005727	0	0	0	0	0	0
0.009484	0	0	0	0	0	0
0.007192	0	0	0	0	0	0
0.006936	0	0	0	0	0	0
0.007602	0	0	0	0	0	0
0.006072	0	0	0	0	0	0
0.005356	0	0	0	0	0	0
0.005116	0	0	0	0	0	0
0.020444	0	0	0	0	0	0
0.042263	0	0	0	0	0	0
0.046872	0	0	0	0	0	0
0.04648	0	0	0	0	0	0
0.131988	0.08	0	0	0	0	0
0.064189	0	0	0	0	0	0
0.009305	0	0	0	0	0	0
0.007451	0	0	0	0	0	0
0.048178	0	0	0	0	0	0
0.00976	0	0	0	0	0	0
0.009595	0	0	0	0	0	0
0.002892	0	0	0	0	0	0
0.046269	0	0	0	0	0	0
0.03713	0	0	0	0	0	0
0.005398	0	0	0	0	0	0
0.100272	0	0	0	0	0	0
0.005267	0	0	0	0	0	0
0.006609	0.04	0	0	0	0	0
0.007291	0	0	0	0	0	0
0.033455	0	0	0	0	0	0
0.164983	0	0	0	0	0	0
0.145962	0	0	0	0	0	0
0.023375	0	0	0	0	0	0
0.182037	0	0	0	0	0	0
0.03465	0	0	0	0	0	0
0.070404	0	0	0	0	8	8
0.060128	0	8	0	0	3	11
0.065313	0	3	0	0	0	3
0.083242	0	0	0	0	0	0
0.288059	0	0	0	0	0	0
0.13293	0	0	0	0	0	0
0.404711	0.19	0	0	0	0	0
0.515997	0.37	0	0	0	0	0
0.305327	0.14	0	0	0	10	10
0.193433	0.06	10	0	0	0	10
0.112145	0	0	0	0	0	0
0.029419	0	0	0	0	0	0
0.026167	0	0	0	0	0	0

0.049997	0	0	0	0	0	0
0.04944	0	0	0	0	0	0
0.033231	0	0	0	0	0	0
0.250238	0.08	0	0	0	0	0
0.03895	0	0	0	0	0	0
0.069658	0	0	0	0	0	0
0.004017	0	0	0	0	0	0
0.003903	0	0	0	0	0	0
0.003979	0	0	0	0	0	0
0.010636	0	0	0	0	0	0
0.007134	0	0	0	0	0	0
0.009492	0	0	0	0	0	0
0.230282	0	0	0	0	0	0
0.015445	0	0	0	0	0	0
0.010551	0	0	0	0	0	0
0.005922	0	0	0	0	0	0
0.001611	0	0	0	0	0	0
0.02152	0	0	0	0	0	0
0.133269	0.17	0	0	0	0	0
0.006356	0	0	0	0	0	0
0.005314	0	0	0	0	0	0
0.007812	0	0	0	0	0	0
0.001224	0	0	0	0	0	0
0.00081	0	0	0	0	0	0
0.124482	0	0	0	0	0	0
0.041394	0	0	0	0	0	0
0.012566	0	0	0	0	0	0
0.02448	0	0	0	0	0	0
0.034315	0	0	0	0	0	0
0.026207	0	0	0	0	0	0
0.025034	0	0	0	0	0	0
0.015756	0	0	0	0	0	0
0.019975	0	0	0	0	0	0
0.026424	0	0	0	0	0	0
0.023669	0	0	0	0	0	0
0.038343	0	0	0	0	0	0
0.01525	0	0	0	0	0	0
0.072436	0	0	0	0	0	0
0.122401	0	0	0	0	0	0
0.085069	0	0	0	0	0	0
0.034691	0	0	0	0	0	0
0.055227	0	0	0	0	0	0
0.046497	0	0	0	0	0	0
0.068419	0	0	0	0	0	0
0.033367	0	0	0	0	0	0
0.078447	0	0	0	0	0	0
0.065472	0	0	0	0	0	0
0.128162	0	0	0	0	0	0
0.172148	0	0	0	0	0	0
0.231075	0	0	0	0	0	0

0.045816	0	0	0	0	0	0
0.025499	0	0	0	0	0	0
0.065631	0	0	0	0	0	0
0.096777	0	0	0	0	0	0
0.111785	0	0	0	0	0	0
0.058541	0	0	0	0	0	0
0.045094	0	0	0	0	0	0
0.053221	0	0	0	0	0	0
0.091873	0	0	0	0	0	0
0.102527	0	0	0	0	0	0
0.049594	0.04	0	0	0	0	0
0.054034	0	0	0	0	0	0
0.033702	0	0	0	0	0	0
0.050994	0	0	0	0	0	0
0.102077	0	0	0	0	0	0
0.00601	0	0	0	0	0	0
0.031737	0	0	2	0	0	2
0.356117	0.21	0	0	0	2	2
0.002293	0	0	0	0	0	0
0.002468	0	0	0	0	0	0
0.001804	0	0	0	0	0	0
0.00134	0	0	0	0	0	0
0.002832	0	0	0	0	0	0
0.015557	0	0	0	0	0	0
0.047409	0	0	0	0	0	0
0.003423	0	0	0	0	0	0
0.00375	0	0	0	0	0	0
0.122081	0	0	0	0	0	0
0.020172	0	0	0	0	0	0
0.002981	0	0	0	0	0	0
0.002622	0	0	0	0	0	0
0.019019	0	0	0	1	0	1
0.000817	0	0	0	0	0	0
0.000804	0	0	0	0	0	0
0.002455	0	0	0	0	0	0
0.042708	0	0	0	0	0	0
0.05174	0	0	0	0	0	0
0.170125	0	0	0	0	0	0
0.26568	0	0	0	0	0	0
0.553161	0	0	0	0	0	0
0.532107	0.33	0	0	0	0	0
0.005675	0	0	0	0	0	0
0.002719	0	0	0	0	0	0
0.003737	0	0	0	0	0	0
0.012953	0	0	0	0	0	0
0.013426	0	0	0	0	0	0
0.002291	0	0	0	0	0	0
0.014584	0	0	0	0	0	0
0.001069	0	0	0	0	0	0
0.035681	0	0	0	0	11	11

0.007933	0	11	0	0	0	11
0.019224	0	0	0	0	0	0
0.009457	0	0	0	0	0	0
0.066045	0	0	0	0	0	0
0.049279	0	0	0	0	0	0
0.068488	0	0	0	0	0	0
0.034714	0	0	0	0	0	0
0.036354	0	0	0	0	0	0
0.081202	0	0	0	0	0	0
0.026778	0	0	0	0	0	0
0.027754	0	0	0	0	0	0
0.02287	0	0	0	0	0	0
0.080173	0	0	0	0	0	0
0.026968	0	0	0	0	0	0
0.082151	0	0	0	0	0	0
0.032367	0	0	0	0	0	0
0.031994	0	0	0	0	0	0
0.042332	0	0	0	0	0	0
0.074487	0	0	0	0	0	0
0.030836	0	0	0	0	0	0
0.03068	0	0	0	0	0	0
0.025674	0	0	0	0	0	0
0.041369	0	0	0	0	0	0
0.029104	0	0	0	0	0	0
0.016821	0	0	0	0	0	0
0.015626	0	0	0	0	0	0
0.032845	0	0	0	0	0	0
0.087981	0	0	0	0	0	0
0.052994	0	0	0	0	0	0
0.111148	0	0	0	0	7	7
0.085079	0	7	0	0	0	7
0.118115	0	0	0	0	0	0
0.050334	0	0	0	0	0	0
0.027615	0	0	0	0	0	0
0.056687	0	0	0	0	0	0
0.024554	0	0	0	0	0	0
0.041406	0	0	0	0	0	0
0.006569	0	0	0	0	0	0
0.003649	0	0	0	0	0	0
0.004292	0	0	0	0	0	0
0.005106	0	0	0	0	0	0
0.004875	0	0	0	0	0	0
0.193109	0	0	0	0	0	0
0.775965	0.12	0	0	0	0	0
0.012936	0	0	0	0	0	0
0.002152	0	0	0	0	0	0
0.001964	0	0	0	0	0	0
0.032736	0	0	0	0	0	0
0.001732	0	0	0	0	0	0
0.01885	0	0	0	0	0	0

0.579707	0	0	0	0	9	9
0.110854	0	0	0	0	0	0
0.325055	0	0	0	0	0	0
0.061119	0	0	0	0	0	0
0.150956	0	0	0	0	0	0
0.184284	0	0	0	0	0	0
0.051315	0	0	0	0	0	0
0.154276	0	0	0	0	0	0
0.035319	0	0	0	0	0	0
0.053791	0	0	0	0	0	0
0.041144	0	0	0	0	0	0
0.078748	0	0	0	0	0	0
0.021627	0	0	0	0	0	0
0.007474	0	0	0	0	0	0
0.015148	0	0	0	0	0	0
0.020246	0	0	0	0	0	0
0.007133	0	0	0	0	0	0
0.007061	0	0	0	0	0	0
0.007497	0	0	0	0	0	0
0.008949	0	0	0	0	0	0
0.007301	0	0	0	0	0	0
0.070336	0	0	0	0	0	0
0.003347	0	0	0	0	0	0
0.002124	0	0	0	0	0	0
0.018398	0	0	0	0	0	0
0.0188	0	0	0	0	0	0
0.020385	0	0	0	0	0	0
0.111915	0	0	0	0	0	0
0.073856	0	0	5	5	0	10
0.081977	0	0	0	0	0	0
0.056235	0	0	0	0	0	0
0.110485	0	0	13	13	0	26
0.001798	0	0	0	0	0	0
0.002109	0	0	0	0	0	0
0.000468	0	0	0	0	0	0
0.012912	0	0	0	0	0	0
0.028797	0	0	0	0	0	0
0.058904	0	0	0	0	0	0
0.032301	0	0	0	0	0	0
0.04574	0	0	0	0	0	0
0.042862	0	0	0	0	0	0
0.063876	0	0	0	0	0	0
0.135829	0	0	0	0	0	0
0.046309	0	0	0	0	0	0
0.061475	0	0	0	0	0	0
0.043183	0	0	0	0	0	0
0.054648	0	0	0	0	0	0
0.048331	0	0	0	0	0	0
0.07506	0	0	0	0	0	0
0.05945	0	0	0	0	0	0



0.064152	0	0	0	0	0	0
0.038449	0	0	0	0	0	0
0.023651	0	0	0	0	0	0
0.083227	0	0	0	0	0	0
0.113046	0	0	0	0	0	0
0.018696	0	0	0	0	0	0
0.110647	0	0	0	0	0	0
0.025267	0	0	0	0	0	0
0.011255	0	0	0	0	0	0
0.010007	0	0	0	0	0	0
0.006837	0	0	0	0	0	0
0.006922	0	0	0	0	0	0
0.007229	0	0	0	0	0	0
0.007215	0	0	0	0	0	0
0.017993	0	0	0	0	0	0
0.012397	0	0	0	0	0	0
0.006344	0	0	0	0	0	0
0.010152	0	0	0	0	0	0
0.010554	0	0	0	0	0	0
0.007059	0	0	0	0	0	0
0.006022	0	0	0	0	0	0
0.141288	0	0	0	0	0	0
0.004668	0	0	0	0	0	0
0.005026	0	0	0	0	0	0
0.104535	0	0	0	0	0	0
0.045847	0	0	0	0	0	0
0.012447	0	0	0	0	0	0
0.011559	0	0	0	0	0	0
0.01322	0	0	0	0	0	0
0.008148	0	0	0	0	0	0
0.021415	0	0	0	0	0	0
0.034674	0	0	0	0	0	0
0.013941	0	0	0	0	0	0
0.008869	0	0	0	0	0	0
0.008243	0	0	0	0	0	0
0.067786	0	0	0	0	0	0
0.07858	0	0	0	0	0	0
0.018024	0	0	0	0	0	0
0.014017	0	0	0	0	0	0
0.030987	0	0	0	0	0	0
0.06795	0	0	0	0	0	0
0.010815	0	0	0	0	0	0
0.0092	0	0	0	0	0	0
0.058269	0	0	0	0	0	0
0.062892	0	0	0	0	0	0
0.077055	0	0	0	0	0	0
0.056541	0	0	0	0	0	0
0.007281	0	0	0	0	0	0
0.078147	0	0	0	0	0	0
0.069846	0	0	0	0	0	0

0.098604	0	0	0	0	0	0
0.105348	0	0	0	0	0	0
0.060845	0	0	0	0	0	0
0.18727	0	0	0	0	0	0
0.01947	0	0	0	0	0	0
0.036758	0	0	0	0	0	0
0.048787	0	0	0	0	0	0
0.025924	0	0	0	0	0	0
0.047909	0	0	0	0	0	0
0.035048	0	0	0	0	0	0
0.034377	0	0	0	0	0	0
0.027222	0	0	0	0	0	0
0.037224	0	0	0	0	0	0
0.062115	0	0	0	0	0	0
0.242374	0	0	0	0	0	0
0.195919	0	0	0	0	0	0
0.081563	0	0	0	0	0	0
0.038614	0	0	0	0	0	0
0.046574	0	0	0	0	0	0
0.046083	0	0	0	0	0	0
0.047589	0	0	0	0	0	0
0.044036	0	0	0	0	0	0
0.073751	0	0	0	0	0	0
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0.06286	0	0	0	0	0	0
0.046596	0	0	0	0	0	0
0.257875	0	0	0	0	0	0
0.010126	0	0	0	0	0	0
0.00684	0	0	0	0	0	0
0.019669	0	0	0	0	0	0
0.008623	0	0	0	0	0	0
0.010281	0	0	0	0	0	0
0.008991	0	0	0	0	0	0
0.031256	0	0	0	0	0	0
0.015237	0	0	0	0	0	0
0.016232	0	0	0	0	0	0
0.015972	0	0	0	0	0	0
0.008199	0	0	0	0	0	0
0.024874	0	0	0	0	0	0
0.050593	0	0	0	0	0	0
0.021492	0	0	0	0	0	0
0.005619	0	0	0	0	0	0
0.008514	0	0	0	0	0	0
0.002879	0	0	0	0	0	0
0.010846	0	0	0	0	0	0
0.001627	0	0	0	0	0	0
0.039566	0	0	0	0	0	0
0.042482	0	0	0	0	0	0
0.013083	0	0	0	0	0	0
0.056281	0	0	0	0	0	0

0.091986	0	0	0	0	0	0
0.068816	0	0	0	0	0	0
0.024761	0	0	0	0	0	0
0.029072	0	0	0	0	0	0
0.065296	0	0	0	0	0	0
0.099744	0	0	0	0	0	0
0.2607	0	0	0	0	0	0
0.121171	0	0	0	0	0	0
0.010143	0	0	0	0	0	0
0.052474	0.01	0	0	0	0	0
0.066102	0	0	0	0	0	0
0.008193	0	0	0	0	0	0
0.007613	0	0	0	0	0	0
0.006485	0	0	0	0	0	0
0.007213	0	0	0	0	0	0
0.011062	0	0	0	0	0	0
0.041509	0	0	0	0	0	0
0.020437	0	0	0	0	0	0
0.006052	0	0	0	0	0	0
0.0052	0	0	0	0	0	0
0.018776	0	0	0	0	0	0
0.010724	0	0	0	0	0	0
0.002832	0	0	0	0	0	0
0.011062	0	0	5	0	0	5
0.014413	0	0	0	0	0	0
0.015502	0	0	0	0	0	0
0.014441	0	0	0	0	0	0
0.016467	0	0	0	0	0	0
0.015597	0	0	0	0	0	0
0.03161	0	0	0	0	0	0
0.008301	0	0	0	0	0	0
0.058814	0	0	0	0	0	0
0.051957	0	0	0	0	0	0
0.02011	0	0	0	0	0	0
0.031386	0	0	0	0	0	0
0.113355	0	0	0	0	0	0
0.066429	0	0	0	0	0	0
0.057906	0	0	0	0	0	0
0.031958	0	0	0	0	0	0
0.018398	0	0	0	0	0	0
0.109686	0	0	0	0	0	0
0.050168	0	0	0	0	0	0
0.060408	0	0	0	0	0	0
0.046572	0	0	0	0	0	0
0.014588	0	0	0	0	0	0
0.020499	0	0	0	0	0	0
0.021774	0	0	0	0	0	0
0.016205	0	0	0	0	0	0
0.035541	0	0	0	0	0	0
0.046101	0	0	0	0	0	0

0.036217	0	0	0	0	0	0
0.033405	0	0	0	0	0	0
0.036816	0	0	0	0	0	0
0.054125	0	0	0	0	0	0
0.044377	0	0	0	0	0	0
0.028682	0	0	0	0	0	0
0.00513	0	0	0	0	0	0
0.005293	0	0	0	7	15	22
0.004496	0	15	0	0	0	15
0.004571	0	0	0	0	0	0
0.006737	0	0	0	0	0	0
0.00674	0	0	0	0	0	0
0.001869	0	0	0	0	0	0
0.008938	0	0	0	0	0	0
0.005628	0	0	0	0	0	0
0.009499	0	0	0	0	7	7
0.012549	0	0	0	0	0	0
0.003097	0	7	0	0	0	7
0.002646	0	0	0	0	0	0
0.009349	0	0	0	0	0	0
0.002199	0	0	0	0	0	0
0.002171	0	0	0	0	0	0
0.001229	0	0	0	0	0	0
0.00235	0	0	0	0	0	0
0.003846	0	0	0	0	0	0
0.001244	0	0	0	0	0	0
0.001693	0	0	0	0	0	0
0.012169	0	0	0	0	0	0
0.001429	0	0	0	0	0	0
0.001855	0	0	0	0	0	0
0.002222	0	0	0	0	0	0
0.003642	0	0	0	0	0	0
0.00112	0	0	0	0	0	0
0.001026	0	0	0	0	0	0
0.00103	0	0	0	0	0	0
0.002731	0	0	0	0	0	0
0.003309	0	0	0	0	0	0
0.045244	0.01	0	0	0	0	0
0.007347	0	0	0	0	0	0
0.009065	0	0	0	0	0	0
0.005698	0	0	0	0	0	0
0.003944	0	0	0	0	0	0
0.007371	0	0	0	0	0	0
0.005099	0	0	0	0	0	0
0.005066	0	0	0	0	0	0
0.005023	0	0	0	0	0	0
0.00643	0	0	0	0	0	0
0.018649	0	0	0	0	0	0
0.006652	0	0	0	0	0	0
0.010976	0	0	0	0	0	0

0.004229	0	0	0	0	0	0
0.070276	0	0	0	0	0	0
0.028334	0	0	0	1	0	1
0.179882	0	0	0	0	0	0
0.016058	0	0	0	0	0	0
0.001714	0.01	0	0	0	0	0
0.008087	0	0	0	0	0	0
0.011376	0	0	0	0	0	0
0.011304	0	0	0	0	0	0
0.014519	0	0	0	0	0	0
0.098593	0	0	0	0	3	3
0.888536	0	0	0	0	0	0
0.075606	0	0	0	0	0	0
0.116331	0	0	0	0	0	0
0.058226	0	0	0	0	0	0
0.064837	0	0	0	0	0	0
0.051476	0	0	0	0	0	0
0.051122	0	0	0	0	0	0
0.060365	0	0	0	0	0	0
0.138081	0	0	0	0	0	0
0.03756	0	0	0	0	0	0
0.057038	0	0	0	0	0	0
0.066115	0	0	0	0	0	0
0.085166	0	0	0	0	0	0
0.044993	0	0	0	0	0	0
0.036148	0	0	0	0	0	0
0.060486	0	0	0	0	0	0
0.061849	0	0	0	0	0	0
0.019986	0	0	0	0	0	0
0.041274	0	0	0	0	0	0
0.025614	0	0	0	0	0	0
0.014302	0	0	0	0	0	0
0.023544	0	0	0	0	0	0
0.04067	0	0	0	0	0	0
0.087088	0	0	0	0	0	0
0.141475	0	0	0	0	0	0
0.063805	0	0	0	0	0	0
0.070151	0	0	0	0	0	0
0.059765	0	0	0	0	0	0
0.063331	0	0	0	0	0	0
0.076248	0	0	0	0	0	0
0.006815	0	0	0	0	0	0
0.004771	0	0	0	0	0	0
0.015983	0	0	0	0	0	0
0.007752	0	0	0	0	0	0
0.004141	0	0	0	0	0	0
0.002744	0	0	0	0	0	0
0.013065	0	0	0	0	0	0
0.031472	0	0	0	0	0	0
0.011695	0	0	0	0	0	0

0.024406	0	0	0	0	0	0
0.178841	0	0	0	0	0	0
0.394988	0	0	0	0	0	0
0.016148	0	0	0	0	0	0
0.040382	0	0	0	0	0	0
0.025365	0	0	0	0	0	0
0.022216	0	0	0	0	0	0
0.096115	0	0	0	0	0	0
0.032287	0	0	0	0	0	0
0.013422	0	0	0	0	0	0
0.007691	0.02	0	0	0	0	0
0.118564	0	0	0	0	0	0
0.013808	0	0	0	0	0	0
0.001478	0	0	0	0	0	0
0.002832	0	0	0	0	0	0
0.005525	0	0	0	0	0	0
0.006503	0	0	0	0	0	0
0.00298	0	0	2	0	0	2
0.004371	0	0	0	0	0	0
0.001101	0	0	0	0	0	0
0.002361	0	0	0	0	0	0
0.001412	0	0	0	0	0	0
0.020405	0.01	0	0	0	9	9
0.029568	0	0	0	0	0	0
0.017564	0	0	0	0	0	0
0.024409	0	0	0	0	0	0
0.006612	0	0	0	0	0	0
0.003145	0	0	0	0	0	0
0.057998	0	0	0	0	0	0
0.154075	0	0	0	0	0	0
0.273803	0.04	0	0	0	0	0
0.13836	0	0	0	0	0	0
0.062954	0	0	0	0	0	0
0.03249	0	0	0	0	0	0
0.026533	0	0	0	0	0	0
0.019205	0	0	0	0	0	0
0.024815	0	0	0	0	0	0
0.086744	0	0	0	0	0	0
0.03002	0	0	0	0	0	0
0.017391	0	0	0	0	0	0
0.090852	0	0	0	0	0	0
0.092204	0	0	0	0	0	0
0.004179	0	9	0	0	0	9
0.040451	0	2	0	0	0	2
0.103074	0	0	0	0	0	0
0.163464	0	0	1	0	0	1
0.056141	0	0	0	0	0	0
0.465971	0.05	0	5	20	0	25
0.015155	0	0	0	0	0	0
0.006988	0	0	0	0	0	0

0.01494	0	0	0	0	0	0
0.023917	0	0	0	0	0	0
0.242539	0.13	0	0	0	0	0
0.026039	0	0	0	0	0	0
0.018865	0	0	0	0	0	0
0.119148	0.01	0	0	0	0	0
0.000947	0	0	0	0	0	0
0.003202	0	0	0	0	0	0
0.002935	0	0	0	0	0	0
0.001949	0	0	0	0	0	0
0.004061	0	0	0	0	0	0
0.000971	0	0	0	0	0	0
0.00506	0	0	0	0	0	0
0.000676	0	0	0	0	0	0
0.000436	0	0	0	0	2	2
0.00034	0	2	0	0	0	2
0.179637	0.34	0	0	0	0	0
0.002561	0	0	0	0	0	0
0.025157	0.03	0	0	0	0	0
0.010986	0	0	0	0	0	0
0.010705	0.02	0	0	0	0	0
0.013208	0	0	0	0	0	0
0.004413	0	0	0	0	0	0
0.013079	0	0	0	0	0	0
0.976614	0	0	0	0	0	0
0.015409	0	0	0	0	0	0
0.398079	0	0	0	0	0	0
0.018398	0	0	0	0	0	0
0.048585	0	0	0	0	0	0
0.02714	0	0	0	0	0	0
0.090813	0	0	0	0	0	0
0.21692	0	0	0	0	0	0
0.053971	0	0	0	0	0	0
0.024017	0	0	0	0	0	0
0.085832	0	0	0	0	0	0
0.040903	0.24	0	0	0	0	0
0.000473	0	0	0	0	0	0
0.002912	0	0	0	0	0	0
0.000367	0	0	0	0	0	0
0.000048	0	0	0	0	0	0
0.001176	0	0	0	0	0	0
0.008302	0	0	0	0	0	0
0.019799	0	0	0	0	0	0
0.008298	0	0	0	0	0	0
0.018065	0	0	0	0	0	0
0.012146	0	0	0	0	0	0
0.009527	0	0	0	0	0	0
0.032066	0	0	0	0	0	0
0.006895	0	0	0	0	0	0
0.003824	0	0	0	0	0	0

0.001141	0	0	0	0	0	0
0.005293	0	0	0	0	0	0
0.002376	0	0	0	0	0	0
0.003271	0	0	0	0	0	0
0.007547	0	0	0	0	4	4
0.004625	0	4	0	0	0	4
0.00905	0	0	0	0	0	0
0.002903	0	0	0	0	0	0
0.010242	0	0	0	0	0	0
0.0492	0	0	0	0	0	0
0.061137	0	0	0	0	0	0
0.108004	0	0	0	0	0	0
0.085174	0	0	0	0	0	0
0.612521	0.15	0	0	0	0	0
0.009757	0	0	0	0	0	0
0.023027	0	0	0	0	0	0
0.020292	0	0	0	0	0	0
0.103825	0	0	0	0	0	0
0.028206	0	0	0	0	0	0
0.034978	0	0	0	0	0	0
0.073739	0	0	0	0	0	0
0.080568	0	0	0	0	0	0
0.124715	0	0	0	0	0	0
0.107878	0	0	0	0	0	0
0.091931	0	0	0	0	4	4
0.023448	0	0	0	0	0	0
0.022458	0	0	0	0	0	0
0.019323	0	0	0	0	0	0
0.012359	0	0	0	0	0	0
0.009191	0	0	0	0	0	0
0.028614	0	0	0	0	0	0
0.021562	0	0	0	0	0	0
0.068587	0	0	0	0	0	0
0.28234	0.07	0	0	0	0	0
0.006732	0	0	0	0	0	0
0.002942	0	0	0	0	0	0
0.033434	0	0	0	0	0	0
0.035082	0	0	0	0	0	0
0.026198	0	0	0	0	0	0
0.008774	0	0	0	0	0	0
0.025356	0	0	0	0	0	0
0.014901	0	0	0	0	0	0
0.015899	0	0	0	0	0	0
0.0113	0	0	0	0	0	0
0.018777	0	0	0	0	0	0
0.09248	0	0	0	0	0	0
0.04316	0	0	0	0	0	0
0.936582	0	0	0	0	0	0
0.112391	0	0	0	0	0	0
0.071476	0	0	0	0	0	0



0.041896	0	0	0	0	0	0
0.148529	0	0	0	0	0	0
0.042139	0	0	0	0	0	0
0.314652	0	0	0	0	0	0
0.055838	0	0	0	0	0	0
0.226112	0	0	0	0	0	0
0.059732	0	0	0	0	0	0
0.231344	0	0	0	0	0	0
0.045026	0	0	0	0	0	0
0.049246	0	0	0	0	0	0
0.074465	0	0	0	0	0	0
0.02834	0	0	0	0	0	0
0.044983	0	0	0	0	0	0
0.017858	0	0	0	0	0	0
0.044677	0	0	0	0	0	0
0.017111	0	0	0	0	0	0
0.027289	0	0	0	0	0	0
0.848229	0.09	0	0	0	0	0
0.029414	0	0	0	0	0	0
0.039766	0	0	0	0	0	0
0.025454	0	0	0	0	0	0
0.089286	0	0	0	0	0	0
0.093139	0	0	0	0	0	0
0.031416	0	0	3	0	0	3
0.031911	0	0	0	2	0	2
0.0374	0	0	0	0	1	1
0.010014	0	0	0	0	0	0
0.019744	0	0	0	0	0	0
0.010231	0	0	0	0	0	0
0.010408	0	0	0	0	0	0
0.090772	0	0	0	0	0	0
0.86016	0	0	0	0	0	0
0.011588	0	0	0	0	0	0
0.016691	0	0	0	0	0	0
0.011204	0	0	0	0	0	0
0.021779	0	0	0	0	0	0
0.071712	0	0	0	0	0	0
0.028708	0	0	0	0	0	0
0.048821	0	0	0	0	0	0
0.019061	0	0	0	0	0	0
0.011173	0	0	0	0	0	0
0.013623	0	0	0	0	0	0
0.014761	0	0	0	0	0	0
0.128631	0	0	0	0	0	0
0.025839	0	0	0	0	0	0
0.012495	0	0	0	0	0	0
0.01058	0	0	0	0	0	0
0.006925	0	0	0	0	0	0
0.138057	0	0	0	0	4	4
0.009829	0	4	0	0	0	4

0.005572	0	0	0	0	0	0
0.011644	0	0	0	0	0	0
0.004642	0	0	0	0	0	0
0.002812	0	0	0	0	0	0
0.134625	0	0	0	0	0	0
0.014831	0	0	0	0	0	0
0.012441	0	0	0	0	0	0
0.014422	0	0	0	0	0	0
0.016236	0	0	0	0	0	0
0.022786	0	0	0	0	0	0
0.012496	0	0	0	0	0	0
0.015496	0	0	0	0	0	0
0.027465	0	0	0	0	0	0
0.139954	0	0	0	0	0	0
0.023765	0	0	0	0	0	0
0.029687	0	0	0	0	0	0
0.036254	0	0	0	0	0	0
0.010401	0	0	0	0	0	0
0.02215	0	0	0	0	0	0
0.020244	0	0	0	0	0	0
0.021529	0	0	0	0	0	0
0.160385	0.03	0	0	0	0	0
0.014909	0	0	0	0	0	0
0.017426	0	0	0	0	0	0
0.046023	0	0	0	0	0	0
0.061811	0	0	0	0	0	0
0.008365	0	0	0	0	0	0
0.347709	0	0	0	0	0	0
0.282968	0	0	0	0	0	0
0.008507	0	0	0	0	0	0
0.005711	0	0	0	0	0	0
0.825724	0.05	0	0	0	0	0
0.010214	0	0	0	0	0	0
0.015751	0	0	0	0	0	0
0.042386	0	0	0	0	0	0
0.020099	0	0	0	0	0	0
0.012063	0	0	0	0	0	0
0.006111	0	0	0	0	0	0
0.006044	0	0	0	0	0	0
0.008294	0	0	0	0	0	0
0.993531	0	0	0	0	0	0
0.056219	0	0	0	0	0	0
0.034832	0	0	0	0	0	0
0.058651	0	0	0	0	0	0
0.065414	0	0	0	0	0	0
0.049498	0	0	0	0	0	0
0.067896	0	0	0	0	0	0
0.05651	0	0	0	0	0	0
0.05859	0	0	0	0	0	0
0.026408	0	0	0	0	0	0

0.041349	0	0	0	0	0	0
0.051339	0	0	0	0	0	0
0.014451	0	0	0	0	0	0
0.016063	0	0	0	0	0	0
0.038015	0	0	0	0	0	0
0.085411	0	0	0	0	0	0
0.061453	0	0	0	0	0	0
0.041281	0	0	0	0	0	0
0.109856	0	0	0	0	0	0
0.117686	0	0	0	0	0	0
0.569345	0.07	0	0	0	0	0
0.015516	0	0	0	0	0	0
0.01057	0	0	0	0	0	0
0.005195	0	0	0	0	0	0
0.029388	0	0	0	0	0	0
0.000983	0	0	0	0	0	0
0.170753	0.16	0	0	0	0	0
0.131686	0	0	0	0	0	0
0.043773	0	0	0	0	0	0
0.047257	0	0	0	0	0	0
0.569484	0.14	0	0	0	0	0
0.174497	0	0	0	0	0	0
0.016089	0	0	0	0	0	0
0.024814	0	0	0	0	0	0
0.011653	0	0	0	0	0	0
0.01435	0	0	0	0	0	0
0.007991	0	0	0	0	0	0
0.010747	0	0	0	0	0	0
0.008514	0	0	0	0	0	0
0.046598	0	0	0	0	0	0
0.005017	0	0	0	0	0	0
0.007203	0	0	0	0	0	0
0.009612	0	0	0	0	0	0
0.013425	0	0	0	0	0	0
0.013815	0	0	0	0	0	0
0.008587	0	0	0	0	0	0
0.003368	0	0	0	0	0	0
0.055064	0	0	0	0	0	0
0.013734	0	0	0	0	0	0
0.025549	0	0	0	0	0	0
0.021111	0	0	0	0	0	0
0.023758	0	0	0	0	0	0
0.008463	0	0	4	4	0	8
0.017704	0	0	0	0	0	0
0.46701	0	0	0	0	0	0
0.174058	0	0	0	0	0	0
0.100319	0	0	0	0	0	0
0.076468	0	0	0	0	0	0
0.049535	0	0	0	0	0	0
0.042684	0	0	0	0	0	0

0.05325	0	0	0	0	0	0
0.059717	0	0	0	0	0	0
0.245925	0.03	0	0	0	0	0
0.066972	0	0	0	0	0	0
0.038815	0	0	0	0	0	0
0.041369	0	0	0	0	0	0
0.037689	0	0	0	0	0	0
0.028143	0	0	0	0	0	0
0.049414	0	0	0	0	0	0
0.025721	0	0	0	0	0	0
0.05085	0	0	0	0	0	0
0.041409	0	0	0	0	0	0
0.024833	0	0	0	0	0	0
0.031393	0	0	0	0	0	0
0.057999	0	0	0	0	0	0
0.026333	0	0	0	0	0	0
0.025132	0	0	0	0	0	0
0.021545	0	0	0	0	0	0
0.018278	0	0	0	0	0	0
0.075647	0	0	0	0	0	0
0.024171	0	0	0	0	0	0
0.030933	0	0	0	0	0	0
0.049102	0	0	0	0	0	0
0.024349	0	0	0	0	4	4
0.016895	0	4	0	0	0	4
0.026073	0	0	0	0	0	0
0.026474	0	0	0	0	0	0
0.026929	0	0	0	0	0	0
0.020608	0	0	0	0	0	0
0.03074	0	0	0	0	0	0
0.021261	0	0	0	0	0	0
0.144911	0	0	0	0	0	0
0.062246	0	0	0	0	0	0
0.040926	0	0	0	0	0	0
0.98334	0	0	0	0	0	0
0.977383	0	0	0	0	0	0
0.981355	0	0	0	0	0	0
0.035892	0	0	0	0	0	0
0.044182	0	0	0	0	0	0
0.038384	0	0	0	0	0	0
0.055751	0	0	0	0	0	0
0.041123	0	0	0	0	0	0
0.185535	0	0	0	0	0	0
0.054739	0	0	0	0	0	0
0.075372	0	0	0	0	0	0
0.00285	0	0	0	0	0	0
0.028176	0	0	0	0	0	0
0.001742	0	0	0	0	0	0
0.001882	0	0	0	0	0	0
0.003263	0	0	0	0	0	0

0.00338	0	0	0	0	0	0
0.001517	0	0	0	0	0	0
0.075261	0	0	0	0	0	0
0.018442	0	0	0	0	0	0
0.009236	0	0	0	0	0	0
0.019113	0	0	0	0	0	0
0.038834	0	0	0	0	0	0
0.008262	0	0	0	0	0	0
0.010844	0	0	0	0	0	0
0.033324	0	0	0	0	0	0
0.007194	0	0	0	0	0	0
0.006472	0	0	0	0	0	0
0.167988	0	0	0	0	0	0
0.015067	0	0	0	0	0	0
0.05215	0	0	0	0	0	0
0.060515	0	0	0	0	0	0
0.132971	0	0	0	0	0	0
0.045681	0	0	0	0	0	0
0.044727	0	0	0	0	0	0
0.040071	0	0	0	0	0	0
0.132648	0	0	0	0	0	0
0.684007	0	0	0	0	0	0
0.188121	0	0	0	0	0	0
0.102576	0	0	0	0	0	0
0.077943	0	0	0	0	0	0
0.060174	0	0	0	0	0	0
0.058107	0	0	0	0	0	0
0.044667	0	0	0	0	0	0
0.035643	0	0	0	0	0	0
0.080999	0	0	0	0	0	0
0.064547	0	0	0	0	0	0
0.058717	0	0	0	0	0	0
0.049674	0	0	0	0	0	0
0.052597	0	0	0	0	0	0
0.403987	0	0	0	0	0	0
0.803588	0	0	0	0	0	0
0.12131	0	0	0	0	0	0
0.027538	0	0	0	0	0	0
0.042814	0	0	0	0	0	0
0.090032	0	0	0	0	0	0
0.037696	0	0	0	0	0	0
0.017279	0	0	0	0	0	0
0.067408	0	0	0	0	0	0
0.071397	0	0	0	0	0	0
0.019167	0	0	0	0	0	0
0.019193	0	0	0	0	0	0
0.079026	0	0	0	0	0	0
0.073669	0	0	0	0	0	0
0.01341	0	0	0	0	0	0
0.024546	0	0	0	0	0	0

0.039775	0	0	0	0	0	0
0.060096	0	0	0	0	0	0
0.073585	0	0	0	0	0	0
0.023493	0	0	0	0	0	0
0.016069	0	0	0	0	0	0
0.014073	0	0	0	0	0	0
0.118206	0	0	0	0	0	0
0.698194	0	0	0	0	0	0
0.013538	0	0	0	0	0	0
0.032012	0	0	0	0	0	0
0.031235	0	0	0	0	0	0
0.046121	0	0	0	0	0	0
0.042049	0	0	0	0	0	0
0.036197	0	0	0	0	0	0
0.048051	0	0	0	0	0	0
0.037253	0	0	0	0	0	0
0.037061	0	0	0	0	0	0
0.024651	0	0	0	0	0	0
0.021494	0	0	0	0	0	0
0.039881	0	0	0	0	0	0
0.022111	0	0	0	0	0	0
0.022447	0	0	0	0	0	0
0.019099	0	0	0	0	0	0
0.014062	0	0	0	0	0	0
0.012327	0	0	0	0	0	0
0.010093	0	0	0	0	0	0
0.860473	0.42	0	0	0	0	0
0.045799	0	0	0	0	0	0
0.059735	0	0	0	0	0	0
0.042818	0	0	0	0	0	0
0.048913	0	0	0	0	0	0
0.046864	0	0	0	0	0	0
0.069265	0	0	0	0	0	0
0.051173	0	0	0	0	0	0
0.089114	0	0	0	0	0	0
0.084902	0	0	0	0	0	0
0.070656	0	0	0	0	0	0
0.068636	0	0	0	0	0	0
0.090622	0	0	0	0	0	0
0.045584	0	0	0	0	0	0
0.062844	0	0	0	0	0	0
0.038553	0	0	0	0	0	0
0.041439	0	0	0	0	0	0
0.041451	0	0	0	0	0	0
0.100749	0	0	0	0	0	0
0.04009	0	0	0	0	0	0
0.042049	0	0	0	0	0	0
0.045256	0	0	0	0	0	0
0.047206	0	0	0	0	0	0
0.029518	0	0	0	0	0	0

0.040662	0	0	0	0	0	0
0.03645	0	0	0	0	0	0
0.032801	0	0	0	0	0	0
0.025036	0	0	0	0	0	0
0.026368	0	0	0	0	0	0
0.020025	0	0	0	0	0	0
0.050932	0	0	0	0	0	0
0.084968	0	0	0	0	0	0
0.019664	0	0	0	0	0	0
0.020839	0	0	0	0	0	0
0.035489	0	0	0	0	0	0
0.020989	0	0	0	0	0	0
0.012651	0	0	0	0	0	0
0.042191	0	0	0	0	0	0
0.014589	0	0	0	0	0	0
0.013551	0	0	0	0	0	0
0.013101	0	0	0	0	0	0
0.01191	0	0	0	0	0	0
0.010327	0	0	0	0	0	0
0.007385	0	0	0	0	0	0
0.030443	0	0	0	0	0	0
0.008711	0	0	0	0	0	0
0.005173	0	0	0	0	0	0
0.006182	0	0	0	0	0	0
0.019022	0	0	0	0	0	0
0.033834	0	0	0	0	0	0
0.023381	0	0	0	0	0	0
0.018895	0	0	0	0	0	0
0.013555	0	0	0	0	0	0
0.011823	0	0	0	0	0	0
0.018002	0	0	0	0	0	0
0.014858	0	0	0	0	0	0
0.026576	0	0	0	0	0	0
0.022751	0	0	0	0	0	0
0.072047	0	0	0	0	0	0
0.025412	0	0	0	0	0	0
0.303179	0	0	0	0	0	0
0.0486	0	0	0	0	0	0
0.043449	0	0	0	0	0	0
0.030831	0	0	0	0	0	0
0.039449	0	0	0	0	0	0
0.03245	0	0	0	0	0	0
0.017527	0	0	0	0	0	0
0.171642	0.21	0	0	0	0	0
0.044728	0	0	0	0	0	0
0.043205	0	0	0	0	0	0
0.493551	0	0	0	0	0	0
0.04306	0	0	0	0	0	0
0.061827	0	0	0	0	0	0
0.051984	0	0	0	0	0	0

0.051356	0	0	0	0	0	0
0.053342	0	0	0	0	0	0
0.125264	0	0	0	0	0	0
0.026671	0	0	0	0	0	0
0.051187	0	0	0	0	0	0
0.023623	0	0	0	0	0	0
0.278476	0	0	3	0	0	3
0.012594	0	0	0	0	0	0
0.148887	0	0	0	0	0	0
0.023797	0	0	0	0	0	0
0.014449	0	0	0	0	0	0
0.076695	0	0	0	0	0	0
0.029957	0	0	0	0	0	0
0.007328	0	0	0	0	0	0
0.00465	0	0	0	0	0	0
0.030338	0	0	0	0	0	0
0.257067	0	0	0	0	0	0
0.173666	0	0	0	0	0	0
0.015142	0	0	0	0	0	0
0.01835	0	0	0	0	0	0
0.036	0	0	0	0	0	0
0.141254	0	0	0	0	0	0
0.026671	0	0	0	0	0	0
0.050505	0	0	0	0	0	0
0.017849	0	0	0	0	0	0
0.054528	0	0	0	0	0	0
0.034268	0	0	0	0	0	0
0.025426	0	0	0	0	0	0
0.008019	0	0	0	0	0	0
0.007956	0	0	0	0	0	0
0.063638	0	0	0	0	0	0
0.117856	0	0	0	0	0	0
0.1018	0	0	0	0	0	0
0.216625	0	0	0	0	0	0
0.01153	0	0	0	0	0	0
0.207286	0	0	0	0	0	0
0.00022	0	0	0	0	0	0
0.112785	0	0	0	0	0	0
0.051498	0	0	0	0	0	0
0.141799	0	0	0	0	0	0
0.868922	0	0	0	0	0	0
0.252891	0	0	0	0	0	0
0.017832	0	0	0	0	0	0
0.011548	0	0	0	0	0	0
0.011914	0	0	0	0	0	0
0.01219	0	0	0	0	0	0
0.013608	0	0	0	0	0	0
0.05562	0.07	0	0	0	0	0
0.008596	0	0	0	0	0	0
0.008901	0	0	0	0	0	0



0.010404	0	0	0	0	0	0
0.005909	0	0	0	0	0	0
0.006296	0	0	0	0	0	0
0.005493	0	0	0	0	0	0
0.017747	0	0	0	0	0	0
0.00362	0	0	0	0	0	0
0.004779	0	0	0	0	0	0
0.11605	0	0	0	0	0	0
0.019395	0	0	0	0	0	0
0.036771	0	0	0	0	0	0
0.013323	0	0	0	0	0	0
0.061398	0	0	0	0	0	0
0.007955	0	0	0	0	0	0
0.004308	0	0	0	0	0	0
0.052056	0	0	0	0	0	0
0.097158	0	0	0	0	0	0
0.028904	0	0	0	0	0	0
0.027006	0	0	0	0	0	0
0.055524	0	0	0	0	0	0
0.055864	0	0	0	0	0	0
0.110052	0	0	0	0	0	0
0.085417	0	0	0	0	0	0
0.074831	0	0	0	0	0	0
0.067747	0	0	0	0	0	0
0.076647	0	0	0	0	0	0
0.067394	0	0	0	0	0	0
0.096881	0.27	0	0	0	0	0
0.099988	0.17	0	0	0	0	0
0.604576	0	0	0	0	0	0
0.036699	0	0	0	0	0	0
0.060361	0	0	0	0	0	0
0.001355	0	0	0	0	0	0
0.007276	0	0	0	0	0	0
0.025918	0	0	0	0	0	0
0.004237	0	0	0	0	0	0
0.019119	0	0	0	0	0	0
0.019969	0	0	0	0	0	0
0.004347	0	0	0	0	0	0
0.004628	0	0	0	0	0	0
0.065968	0	0	0	0	0	0
0.036755	0	0	0	0	0	0
0.007889	0	0	0	0	0	0
0.010355	0	0	0	0	0	0
0.173048	0.06	0	0	1	0	1
0.026445	0	0	0	0	0	0
0.058675	0	0	0	0	0	0
0.059548	0	0	0	0	0	0
0.037405	0	0	0	0	0	0
0.062677	0	0	0	0	0	0
0.054326	0	0	0	0	0	0

0.065456	0	0	0	0	0	0
0.052464	0	0	0	0	0	0
0.047801	0	0	0	0	0	0
0.041209	0	0	0	0	0	0
0.065632	0	0	0	0	0	0
0.136958	0	0	0	0	0	0
0.111379	0	0	0	0	0	0
0.051387	0	0	0	0	0	0
0.055026	0	0	0	0	0	0
0.05389	0	0	0	0	0	0
0.330308	0.09	0	0	0	0	0
0.001016	0	0	0	0	0	0
0.001672	0	0	0	0	0	0
0.008753	0	0	0	0	0	0
0.048264	0	0	0	0	0	0
0.008304	0	0	0	0	0	0
0.009088	0	0	0	0	0	0
0.017218	0	0	0	0	0	0
0.011872	0	0	0	0	0	0
0.007401	0	0	0	0	0	0
0.013776	0	0	0	0	0	0
0.017661	0	0	0	0	0	0
0.008449	0	0	0	0	0	0
0.009652	0	0	0	0	0	0
0.050111	0	0	0	0	0	0
0.010179	0	0	0	0	0	0
0.008741	0	0	0	0	0	0
0.012773	0	0	0	0	0	0
0.01078	0	0	0	0	0	0
0.017579	0	0	0	0	0	0
0.018381	0	0	0	0	0	0
0.013511	0	0	0	0	0	0
0.051877	0	0	0	0	0	0
0.465558	0.1	0	0	0	0	0
0.004933	0	0	0	0	0	0
0.004304	0	0	0	0	0	0
0.004553	0	0	0	0	0	0
0.003368	0	0	0	0	0	0
0.045279	0	0	0	0	0	0
0.016886	0	0	0	0	0	0
0.020629	0	0	0	0	1	1
0.056639	0	1	0	0	0	1
0.543468	0	0	0	0	0	0
0.025799	0	0	0	0	0	0
0.045464	0	0	0	0	0	0
0.005649	0	0	0	0	0	0
0.590853	0	0	0	0	0	0
0.160075	0	0	0	0	0	0
0.076804	0	0	0	0	0	0
0.03162	0	0	0	0	0	0

0.06723	0	0	0	0	0	0
0.088878	0	0	0	0	0	0
0.205329	0	0	0	0	0	0
0.06081	0	0	0	0	0	0
0.244652	0	0	0	0	0	0
0.18737	0	0	0	0	0	0
0.253308	0	0	0	0	0	0
0.30624	0	0	0	0	0	0
0.416706	0.08	0	0	0	0	0
0.159389	0	0	0	0	0	0
0.229155	0	0	0	0	0	0
0.058013	0	0	0	0	0	0
0.068485	0	0	0	0	0	0
0.105965	0	0	0	0	0	0
0.027755	0	0	0	0	0	0
0.020667	0	0	0	0	0	0
0.04147	0	0	0	0	0	0
0.006938	0	0	0	0	0	0
0.488313	0.3	0	0	0	0	0
0.228447	0	0	0	0	0	0
0.018118	0	0	0	0	0	0
0.055201	0	0	0	0	0	0
0.381241	0	0	0	0	0	0
0.166371	0.02	0	0	0	0	0
0.940035	0	0	0	0	0	0
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0.035599	0	0	0	0	0	0
0.022405	0	0	0	0	0	0
0.025102	0	0	0	0	0	0
0.064765	0	0	0	0	0	0
0.044317	0	0	0	0	0	0
0.019911	0	0	0	0	0	0
0.026315	0	0	5	0	0	5
0.011619	0	0	0	0	0	0
0.016405	0	0	0	0	0	0
0.026211	0	0	0	0	0	0
0.017979	0	0	0	0	0	0
0.278729	0	0	0	0	0	0
0.354207	0	0	0	0	0	0
0.006198	0	0	0	0	0	0
0.002539	0	0	0	0	0	0
0.004017	0	0	0	0	0	0
0.040809	0	0	0	0	0	0
0.021403	0	0	0	0	0	0
0.022782	0	0	0	0	0	0
0.035831	0	0	0	0	0	0
0.056797	0	0	0	0	0	0
0.032066	0	0	0	0	0	0
0.028014	0	0	0	0	0	0
0.150918	0	0	0	0	0	0

0.003287	0	0	0	0	0	0
0.001712	0	0	0	0	0	0
0.002471	0	0	0	0	0	0
0.002285	0	0	0	0	0	0
0.002171	0	0	0	0	0	0
0.041643	0	0	0	0	0	0
0.009538	0	0	0	0	0	0
0.013313	0	0	0	0	0	0
0.008507	0	0	0	0	0	0
0.009544	0	0	0	0	0	0
0.043051	0	0	0	0	0	0
0.007252	0	0	0	0	0	0
0.009661	0	0	0	0	0	0
0.00983	0	0	0	0	0	0
0.01658	0	0	0	0	0	0
0.069231	0	0	0	0	0	0
0.080803	0	0	0	0	0	0
0.046432	0	0	0	0	0	0
0.039227	0	0	0	0	0	0
0.018899	0	0	0	0	0	0
0.008935	0	0	0	0	0	0
0.033561	0	0	0	0	0	0
0.040278	0	0	0	0	0	0
0.02456	0	0	0	0	0	0
0.211573	0	0	0	0	0	0
0.021246	0	0	0	0	5	5
0.340999	0	0	0	0	0	0
0.007744	0	0	0	0	0	0
0.003473	0.01	0	0	0	0	0
0.488424	0.06	0	0	0	0	0
0.041306	0	0	0	0	0	0
0.053914	0	0	0	0	0	0
0.02914	0	0	0	0	0	0
0.033724	0	0	0	0	0	0
0.038336	0	0	0	0	0	0
0.040167	0	0	0	0	0	0
0.05228	0	0	0	0	0	0
0.030543	0	0	0	0	0	0
0.054604	0	0	0	0	0	0
0.038424	0	0	0	0	0	0
0.07326	0	0	0	0	0	0
0.061217	0	0	0	0	0	0
0.059002	0	0	0	0	0	0
0.038122	0	0	0	0	0	0
0.397988	0	0	0	0	0	0
0.33735	0	0	0	0	0	0
0.103226	0	0	0	0	0	0
0.045126	0	0	0	0	0	0
0.055751	0	0	0	0	0	0
0.041702	0	0	0	0	0	0

0.028658	0	0	0	0	0	0
0.047189	0	0	0	0	0	0
0.17646	0	0	0	0	0	0
0.011463	0	0	0	0	0	0
0.033707	0	0	0	0	0	0
0.023698	0	0	0	0	0	0
0.050327	0	0	0	0	0	0
0.027116	0	0	0	0	0	0
0.051033	0	0	0	0	0	0
0.02957	0	0	0	0	0	0
0.019539	0	0	0	0	0	0
0.019838	0	0	0	0	0	0
0.068991	0	0	0	0	0	0
0.015148	0	0	0	0	0	0
0.005578	0	0	0	0	0	0
0.042978	0	0	0	0	0	0
0.061807	0	0	0	0	0	0
0.055094	0	0	0	0	0	0
0.063326	0	0	0	0	0	0
0.056797	0	0	0	0	0	0
0.092987	0	0	0	0	0	0
0.046511	0	0	0	0	0	0
0.057427	0	0	0	0	0	0
0.058719	0	0	0	0	0	0
0.093108	0	0	0	0	0	0
0.23075	0	0	0	0	0	0
0.09913	0	0	0	0	0	0
0.046406	0	0	0	0	0	0
0.055692	0	0	0	0	0	0
0.539017	0.03	0	0	0	0	0
0.260162	0	0	0	0	0	0
0.03416	0	0	0	0	0	0
0.010196	0	0	0	0	0	0
0.015939	0	0	0	0	0	0
0.016993	0	0	0	0	0	0
0.037892	0	0	0	0	0	0
0.034395	0	0	0	0	0	0
0.024359	0	0	0	0	0	0
0.018287	0	0	0	0	0	0
0.02348	0	0	0	0	0	0
0.03143	0	0	0	0	0	0
0.015126	0	0	0	0	0	0
0.013516	0	0	0	0	0	0
0.023723	0	0	0	0	0	0
0.039366	0	0	0	0	0	0
0.022839	0	0	0	0	0	0
0.030518	0	0	0	0	0	0
0.02077	0	0	0	0	0	0
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0.031932	0	0	0	0	0	0

0.024264	0	0	0	0	0	0
0.021258	0	0	0	0	0	0
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0.016606	0	0	0	0	0	0
0.019309	0	0	0	0	0	0
0.014854	0	0	0	0	0	0
0.014994	0	0	0	0	0	0
0.018794	0	0	0	0	0	0
0.015284	0	0	0	0	0	0
0.011941	0	0	0	0	0	0
0.008288	0	0	0	0	0	0
0.007339	0	0	0	0	0	0
0.017137	0	0	0	0	0	0
0.006708	0	0	0	0	0	0
0.012405	0	0	0	0	0	0
0.006258	0	0	0	0	0	0
0.01819	0	0	0	0	0	0
0.038676	0	0	0	0	0	0
0.026015	0	0	0	0	0	0
0.021455	0	0	0	0	0	0
0.047862	0	0	0	0	0	0
0.03913	0	0	0	0	0	0
0.066709	0	0	0	0	0	0
0.057031	0	0	0	0	0	0
0.34652	0	0	0	0	0	0
0.033765	0	0	0	0	0	0
0.059749	0	0	0	0	0	0
0.099595	0	0	0	0	0	0
0.043279	0	0	0	0	0	0
0.052635	0	0	0	0	0	0
0.042422	0	0	0	0	0	0
0.051696	0	0	0	0	0	0
0.042732	0	0	0	0	0	0
0.034907	0	0	0	0	0	0
0.049345	0	0	0	0	0	0
0.041669	0	0	0	0	0	0
0.04919	0	0	0	0	0	0
0.033577	0	0	0	0	0	0
0.028617	0	0	0	0	0	0
0.041376	0	0	0	0	0	0
0.024762	0	0	0	0	0	0
0.031967	0	0	0	0	0	0
0.021703	0	0	0	0	0	0
0.03219	0	0	0	0	0	0
0.039367	0	0	0	0	0	0
0.039254	0	0	0	0	0	0
0.037688	0	0	0	0	0	0
0.043368	0	0	0	0	0	0
0.056235	0	0	0	0	0	0
0.062499	0	0	0	0	0	0

0.025069	0	0	0	0	0	0
0.018341	0	0	0	0	0	0
0.004017	0	0	0	0	0	0
0.001472	0	0	0	0	0	0
0.027935	0	0	0	0	0	0
0.009762	0	0	0	0	0	0
0.003034	0	0	0	0	0	0
0.003234	0	0	0	0	0	0
0.005769	0	0	0	0	0	0
0.031839	0	0	0	0	0	0
0.015978	0	0	0	0	0	0
0.958181	0	0	0	0	0	0
0.175144	0	0	0	0	0	0
0.091875	0	0	0	0	0	0
0.00342	0	0	0	0	0	0
0.007677	0	0	0	0	0	0
0.008888	0	0	0	0	0	0
0.006204	0	0	0	0	0	0
0.046233	0	0	0	0	0	0
0.022711	0	0	0	0	0	0
0.011102	0	0	0	0	0	0
0.007803	0	0	0	0	0	0
0.014462	0	0	0	0	0	0
0.016036	0	0	0	0	0	0
0.038183	0	0	0	0	0	0
0.003071	0	0	0	0	0	0
0.004439	0	0	0	0	0	0
0.563362	0	0	0	0	0	0
0.962052	0	0	0	0	0	0
0.012693	0	0	0	0	0	0
0.011962	0	0	0	0	0	0
0.003739	0	0	0	0	0	0
0.010708	0	0	0	0	0	0
0.007843	0	0	0	0	0	0
0.055261	0	0	0	0	0	0
0.987805	0	0	0	0	0	0
0.984501	0	0	0	0	0	0
0.927617	0	0	0	0	0	0
0.977557	0	0	0	0	0	0
0.050005	0	0	0	0	0	0
0.030324	0	0	0	0	0	0
0.016669	0	0	0	0	0	0
0.013099	0	0	0	0	0	0
0.016917	0	0	0	0	0	0
0.020896	0	0	0	0	0	0
0.310048	0.01	0	0	0	0	0
0.028838	0	0	0	0	0	0
0.297648	0	0	0	0	0	0
0.417739	0	0	0	0	0	0
0.506899	0	0	0	0	0	0

0.115437	0	0	0	0	0	0
0.061902	0	0	0	0	0	0
0.063997	0	0	0	0	0	0
0.212897	0	0	0	0	0	0
0.047724	0	0	0	0	0	0
0.11599	0	0	0	0	0	0
0.040941	0	0	0	0	0	0
0.051064	0	0	0	0	0	0
0.06758	0	0	0	0	0	0
0.067113	0	0	0	0	0	0
0.171588	0	0	0	0	0	0
0.050852	0	0	0	0	0	0
0.044892	0	0	0	0	0	0
0.075457	0	0	0	0	0	0
0.021355	0	0	0	0	0	0
0.058493	0	0	0	0	0	0
0.072448	0	0	0	0	0	0
0.041248	0	0	0	0	0	0
0.03591	0	0	0	0	0	0
0.200232	0	0	0	0	0	0
0.035791	0	0	0	0	0	0
0.028146	0	0	0	0	0	0
0.037512	0	0	0	0	0	0
0.055645	0	0	0	0	0	0
0.05498	0	0	0	0	0	0
0.040102	0	0	0	0	0	0
0.0486	0	0	0	0	0	0
0.108538	0	0	0	0	0	0
0.044539	0	0	0	0	0	0
0.043562	0	0	0	0	0	0
0.056727	0	0	0	0	0	0
0.045688	0	0	0	0	0	0
0.0479	0	0	0	0	0	0
0.045498	0	0	0	0	0	0
0.045035	0	0	0	0	0	0
0.031544	0	0	0	0	0	0
0.032143	0	0	0	0	0	0
0.044967	0	0	0	0	0	0
0.087511	0	0	0	0	0	0
0.172251	0	0	0	0	0	0
0.051493	0	0	0	0	0	0
0.034455	0	0	0	0	0	0
0.038704	0	0	0	0	0	0
0.066959	0	0	0	0	0	0
0.055964	0	0	0	0	0	0
0.020021	0	0	0	0	0	0
0.015528	0	0	0	0	0	0
0.060158	0	0	0	0	0	0
0.052243	0	0	0	0	0	0
0.051289	0	0	0	0	0	0



0.094641	0	0	0	0	0	0
0.049495	0	0	0	0	0	0
0.038051	0	0	0	0	0	0
0.164438	0	0	0	0	0	0
0.638455	0	0	0	0	0	0
0.031956	0	0	0	0	0	0
0.02702	0	0	0	0	0	0
0.58403	0	0	0	0	0	0
0.021383	0	0	0	0	0	0
0.02692	0	0	0	0	0	0
0.013079	0	0	0	0	0	0
0.068783	0	0	0	0	0	0
0.025613	0	0	0	0	0	0
0.010568	0	0	0	0	0	0
0.081903	0	0	0	0	0	0
0.069445	0	0	0	0	0	0
0.157519	0	0	0	0	0	0
0.357226	0	0	0	0	0	0
0.792916	0	0	0	0	0	0
0.004927	0	0	0	0	0	0
0.150728	0	0	0	0	0	0
0.050655	0	0	0	0	0	0
0.0467	0	0	0	0	1	1
0.393695	0.1	1	0	6	0	7
0.046365	0	0	0	0	0	0
0.052551	0	0	0	0	0	0
0.12146	0	0	0	0	0	0
0.062869	0	0	0	0	0	0
0.039304	0	0	0	0	0	0
0.074332	0	0	0	0	0	0
0.154831	0	0	0	0	0	0
0.158733	0	0	0	0	0	0
0.070447	0	0	0	0	0	0
0.100269	0	0	0	0	0	0
0.051975	0	0	0	0	0	0
0.054107	0	0	0	0	0	0
0.187807	0	0	0	0	0	0
0.048879	0	0	0	0	0	0
0.037237	0	0	0	0	0	0
0.039109	0	0	0	0	0	0
0.243725	0	0	0	0	0	0
0.050372	0	0	0	0	0	0
0.061727	0	0	0	0	0	0
0.048525	0	0	0	0	0	0
0.102341	0	0	0	0	0	0
0.075559	0	0	0	0	0	0
0.079077	0	0	0	0	0	0
0.05889	0	0	0	0	0	0
0.061813	0	0	0	0	0	0
0.468052	0	0	0	0	0	0

0.781182	0.34	0	0	0	0	0
0.061865	0	0	0	0	0	0
0.041305	0	0	0	0	0	0
0.048777	0	0	0	0	0	0
0.843245	0	0	0	0	0	0
0.424878	0.03	0	0	0	0	0
0.71406	0	0	0	0	0	0
0.144028	0	0	0	0	0	0
0.017102	0	0	0	0	0	0
0.030243	0	0	0	0	0	0
0.021729	0	0	0	0	0	0
0.095345	0.01	0	0	0	0	0
0.05758	0.06	0	0	0	0	0
0.031937	0	0	0	0	0	0
0.023534	0	0	0	0	0	0
0.048865	0	0	0	0	0	0
0.020966	0	0	0	0	0	0
0.019063	0	0	0	0	0	0
0.030865	0	0	0	0	0	0
0.021038	0	0	0	0	0	0
0.039488	0	0	0	0	0	0
0.089042	0	0	0	0	0	0
0.023436	0	0	0	0	0	0
0.037153	0	0	0	0	0	0
0.039073	0	0	0	0	0	0
0.037069	0	0	0	0	0	0
0.053563	0	0	0	0	0	0
0.07431	0	0	0	0	0	0
0.043828	0	0	0	0	0	0
0.056753	0	0	0	0	0	0
0.052754	0	0	0	0	0	0
0.044823	0	0	0	0	0	0
0.759908	0.1	0	0	2	0	2
0.054777	0	0	0	0	0	0
0.027675	0	0	0	0	0	0
0.050242	0	0	0	0	0	0
0.251772	0	0	0	0	0	0
0.023464	0	0	0	0	0	0
0.014577	0	0	0	0	0	0
0.049237	0	0	0	0	0	0
0.015564	0	0	0	0	0	0
0.024267	0	0	0	0	0	0
0.006553	0	0	0	0	0	0
0.61295	0.3	0	0	0	0	0
0.06589	0	0	0	0	0	0
0.348324	0.23	0	0	0	0	0
0.229134	0	0	0	0	0	0
0.05853	0	0	0	0	0	0
0.068294	0	0	0	0	0	0
0.055271	0	0	0	0	0	0

0.05808	0	0	0	0	0	0
0.050035	0	0	0	0	0	0
0.043527	0	0	0	0	0	0
0.132801	0	0	0	0	0	0
0.064844	0	0	0	0	0	0
0.029822	0	0	0	0	0	0
0.989798	0	11	19	19	4	53
0.057722	0.21	4	0	0	0	4
0.13088	0	0	0	0	0	0
0.127751	0	0	0	0	0	0
0.08006	0	0	0	0	0	0
0.114931	0	0	0	0	0	0
0.076846	0	0	0	0	0	0
0.123928	0	0	0	0	0	0
0.070909	0	0	0	0	0	0
0.062942	0	0	0	0	0	0
0.01795	0	0	0	0	0	0
0.042028	0	0	0	0	0	0
0.061339	0	0	0	0	0	0
0.010538	0	0	0	0	0	0
0.146448	0.01	0	0	0	0	0
0.03908	0	0	0	0	0	0
0.110228	0	0	0	0	0	0
0.12789	0	0	0	0	0	0
0.091839	0	0	0	0	0	0
0.241731	0	0	0	0	0	0
0.012085	0	0	0	0	0	0
0.062587	0	0	0	0	0	0
0.052404	0	0	0	0	0	0
0.468861	0	0	0	0	0	0
0.010242	0	0	0	0	0	0
0.009816	0	0	0	0	0	0
0.008539	0	0	0	0	0	0
0.004788	0	0	0	0	0	0
0.009483	0	0	0	0	0	0
0.005225	0	0	0	0	0	0
0.011127	0	0	0	0	0	0
0.00928	0	0	0	0	0	0
0.00521	0	0	0	0	0	0
0.003725	0	0	0	0	0	0
0.007144	0	0	0	0	0	0
0.006626	0	0	0	0	0	0
0.003623	0	0	0	0	0	0
0.004197	0	0	0	0	0	0
0.003525	0	0	0	0	0	0
0.005603	0	0	0	0	0	0
0.004596	0	0	0	0	0	0
0.004593	0	0	0	0	0	0
0.003016	0	0	0	0	0	0
0.005229	0	0	0	0	0	0

0.009131	0	0	0	0	0	0
0.002741	0	0	0	0	0	0
0.002979	0	0	0	0	0	0
0.003472	0	0	0	0	0	0
0.007283	0	0	0	0	0	0
0.007168	0	0	0	0	0	0
0.017506	0	0	0	0	0	0
0.002966	0	0	0	0	0	0
0.005309	0	0	0	0	0	0
0.00464	0	0	0	0	0	0
0.005958	0	0	0	0	0	0
0.007725	0	0	0	0	0	0
0.002227	0	0	0	0	0	0
0.001603	0	0	0	0	0	0
0.002317	0	0	0	0	0	0
0.000935	0	0	0	0	0	0
0.008263	0	0	0	0	0	0
0.014657	0	0	0	0	0	0
0.004073	0	0	0	0	0	0
0.004345	0	0	0	0	0	0
0.006802	0	0	0	0	0	0
0.00687	0	0	0	0	0	0
0.005718	0	0	0	0	0	0
0.006142	0	0	0	0	0	0
0.005585	0	0	0	0	0	0
0.020114	0	0	0	0	0	0
0.039933	0	0	0	0	0	0
0.021302	0	0	0	0	0	0
0.041377	0	0	0	0	0	0
0.001707	0	0	0	0	0	0
0.003863	0	0	0	0	0	0
0.041445	0	0	0	0	0	0
0.012384	0	0	0	0	0	0
0.097076	0	0	0	0	0	0
0.040174	0	0	0	0	0	0
0.002403	0	0	0	0	0	0
0.087918	0	0	0	0	0	0
0.031499	0	0	0	0	0	0
0.050506	0	0	0	0	0	0
0.952954	0	0	0	0	0	0
0.03068	0	0	0	0	0	0
0.04125	0	0	0	0	0	0
0.018992	0	0	0	0	0	0
0.016509	0	0	0	0	0	0
0.016555	0	0	0	0	0	0
0.193895	0	0	0	0	0	0
0.051281	0	0	0	0	0	0
0.120107	0	0	0	0	0	0
0.011536	0	0	0	0	0	0
0.016956	0	0	0	0	0	0

0.032953	0	0	0	0	0	0
0.029688	0	0	0	0	0	0
0.036884	0	0	0	0	0	0
0.081528	0	0	0	0	0	0
0.046822	0	0	0	0	0	0
0.076304	0	0	0	0	0	0
0.04754	0	0	0	0	0	0
0.021865	0	0	0	0	0	0
0.014672	0	0	0	0	0	0
0.011762	0	0	0	0	0	0
0.008956	0	0	0	0	0	0
0.043859	0	0	0	0	0	0
0.012409	0	0	0	0	0	0
0.011863	0	0	0	0	0	0
0.023736	0	0	0	0	0	0
0.009488	0	0	0	0	0	0
0.019158	0	0	0	0	0	0
0.054721	0	0	0	0	0	0
0.033739	0	0	0	0	0	0
0.045312	0	0	0	0	0	0
0.05097	0	0	0	0	0	0
0.031373	0	0	0	0	0	0
0.223569	0	0	0	0	0	0
0.084929	0	0	0	0	0	0
0.457207	0.05	0	0	0	0	0
0.042896	0	0	0	0	0	0
0.100394	0	0	0	0	0	0
0.325539	0.04	0	0	0	0	0
0.002491	0	0	0	0	0	0
0.017124	0	0	0	0	0	0
0.048122	0	0	0	0	0	0
0.050272	0	0	0	0	0	0
0.072209	0	0	0	0	0	0
0.094523	0	0	0	0	0	0
0.082922	0	0	0	0	0	0
0.092918	0	0	0	0	0	0
0.056547	0	0	0	0	0	0
0.005603	0	0	0	0	0	0
0.004561	0	0	0	0	0	0
0.022096	0	0	0	0	0	0
0.006974	0	0	0	0	0	0
0.006596	0	0	0	0	0	0
0.005444	0	0	0	0	0	0
0.003649	0	0	0	0	0	0
0.010521	0	0	0	0	0	0
0.006407	0	0	0	0	0	0
0.007315	0	0	0	0	0	0
0.008646	0	0	0	0	0	0
0.005323	0	0	0	0	0	0
0.009317	0	0	0	0	0	0

0.020078	0	0	0	0	0	0
0.008795	0	0	0	0	0	0
0.009443	0	0	0	0	0	0
0.009684	0	0	0	0	0	0
0.009262	0	0	0	0	0	0
0.010635	0	0	0	0	0	0
0.012616	0	0	0	0	0	0
0.029045	0	0	0	0	0	0
0.022278	0	0	0	0	0	0
0.01849	0	0	0	0	0	0
0.02409	0	0	0	0	0	0
0.020068	0	0	0	0	0	0
0.015845	0	0	0	0	0	0
0.023598	0	0	0	0	0	0
0.040024	0	0	0	0	0	0
0.020333	0	0	0	0	0	0
0.091996	0	0	0	0	0	0
0.024869	0	0	0	0	0	0
0.05701	0	0	0	0	0	0
0.031804	0	0	0	0	0	0
0.117943	0	0	0	6	0	6
0.029414	0	0	0	0	0	0
0.00838	0	0	0	0	0	0
0.017714	0	0	0	0	0	0
0.039491	0	0	0	0	0	0
0.045161	0	0	0	0	0	0
0.045315	0	0	0	0	0	0
0.301272	0	0	0	0	0	0
0.115574	0	0	0	0	0	0
0.06841	0	0	0	0	0	0
0.05986	0	0	0	0	0	0
0.065815	0	0	0	0	0	0
0.051715	0	0	0	0	0	0
0.432676	0.1	0	0	0	5	5
0.078751	0	5	0	0	0	5
0.030235	0	0	0	0	0	0
0.030552	0	0	0	0	0	0
0.093775	0	0	0	0	0	0
0.02224	0	0	0	0	0	0
0.021538	0	0	0	0	0	0
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0.063314	0	1	0	0	0	1
0.059598	0	0	0	0	0	0
0.039258	0	0	0	0	0	0
0.050562	0	0	0	0	0	0
0.030193	0	0	0	0	0	0
0.099107	0	0	0	0	0	0
0.078421	0	0	0	0	0	0
0.090564	0	0	0	0	0	0
0.116524	0	0	0	0	5	5

0.109236	0	5	0	0	0	5
0.06568	0	0	0	0	0	0
0.083316	0	0	0	0	0	0
0.111268	0	0	0	0	0	0
0.144036	0	0	0	0	0	0
0.04093	0	0	0	0	0	0
0.054218	0	0	0	0	0	0
0.030212	0	0	0	0	0	0
0.04394	0	0	0	0	0	0
0.040862	0	0	0	0	0	0
0.150932	0	0	0	0	0	0
0.108242	0	0	0	0	0	0
0.056986	0	0	0	0	0	0
0.047557	0	0	0	0	0	0
0.024602	0	0	0	0	0	0
0.05999	0	0	0	0	0	0
0.033689	0	0	0	0	0	0
0.045333	0	0	0	0	0	0
0.07018	0	0	0	0	0	0
0.052875	0	0	0	0	0	0
0.034855	0	0	0	0	0	0
0.043771	0	0	0	0	0	0
0.014793	0	0	0	0	0	0
0.018622	0	0	0	0	0	0
0.019966	0	0	0	0	0	0
0.013835	0	0	0	0	0	0
0.021667	0	0	0	0	0	0
0.11078	0	0	0	0	0	0
0.05252	0	0	0	0	0	0
0.03129	0	0	0	0	0	0
0.051529	0	0	0	0	0	0
0.011149	0	0	0	0	0	0
0.046943	0	0	0	0	5	5
0.332374	0.1	7	0	0	0	7
0.027899	0	0	0	0	0	0
0.064327	0	0	0	8	0	8
0.087516	0	0	0	0	0	0
0.103685	0	0	0	0	0	0
0.455686	0	0	0	0	0	0
0.010659	0	0	0	0	0	0
0.013383	0	0	0	0	0	0
0.014633	0	0	0	0	0	0
0.011752	0	0	0	0	0	0
0.019578	0	0	0	0	0	0
0.011419	0	0	0	0	0	0
0.008434	0	0	0	0	0	0
0.008955	0	0	0	0	0	0
0.173569	0	0	0	0	0	0
0.017401	0	0	0	0	0	0
0.003634	0	0	0	0	0	0

0.011312	0	0	0	0	0	0
0.021078	0	0	0	0	0	0
0.014844	0	0	0	0	0	0
0.017875	0	0	0	0	0	0
0.02105	0	0	0	0	0	0
0.01098	0	0	0	0	0	0
0.005874	0	0	0	0	14	14
0.003475	0	1	0	0	0	1
0.00221	0	0	0	0	0	0
0.001981	0	0	0	0	0	0
0.009222	0	0	0	0	0	0
0.004555	0	0	0	0	1	1
0.017913	0	1	0	0	0	1
0.005726	0	0	0	0	0	0
0.020664	0	0	0	0	0	0
0.013622	0	0	0	0	0	0
0.007026	0	0	0	0	0	0
0.003117	0	14	0	0	2	16
0.012605	0	0	0	0	0	0
0.003722	0	2	0	0	0	2
0.005787	0	0	0	0	0	0
0.011581	0	0	1	0	0	1
0.004474	0	0	0	0	0	0
0.005872	0	0	0	0	0	0
0.011972	0	0	0	0	0	0
0.004324	0	0	0	0	1	1
0.015015	0	0	0	0	0	0
0.027861	0	0	0	0	0	0
0.05557	0	0	0	0	0	0
0.016676	0	0	0	0	0	0
0.028254	0	0	0	0	0	0
0.014983	0	0	0	0	0	0
0.020239	0	0	0	0	0	0
0.029147	0	0	0	0	0	0
0.00722	0	0	0	0	0	0
0.033585	0	0	0	0	0	0
0.01592	0	0	0	0	0	0
0.018046	0	0	0	0	0	0
0.02108	0	0	0	0	0	0
0.050287	0	0	0	0	0	0
0.013521	0	0	0	0	0	0
0.017703	0	0	0	0	0	0
0.034791	0	0	0	0	0	0
0.023045	0	0	0	0	0	0
0.082011	0	0	0	0	0	0
0.028353	0	0	0	0	0	0
0.023144	0	0	0	0	0	0
0.007445	0	0	0	0	0	0
0.008694	0	0	0	0	0	0
0.014882	0	0	0	0	0	0



0.008514	0	0	0	0	0	0
0.008432	0	0	0	0	0	0
0.018227	0	0	0	0	0	0
0.015273	0	0	0	0	0	0
0.0026	0	0	0	0	0	0
0.005686	0	0	0	0	0	0
0.015987	0	0	0	0	0	0
0.455481	0	0	0	1	0	1
0.030872	0	0	0	0	0	0
0.038683	0	0	0	0	0	0
0.179868	0.03	0	0	0	0	0
0.271307	0	0	0	0	0	0
0.03459	0	0	0	0	0	0
0.054408	0	0	0	0	0	0
0.549486	0.14	0	0	0	0	0
0.042539	0	0	0	0	0	0
0.381856	0.14	0	0	0	0	0
0.043093	0	0	0	0	0	0
0.039032	0	0	0	0	0	0
0.000546	0	0	0	0	0	0
0.004608	0	0	0	0	0	0
0.002672	0	0	0	0	0	0
0.002211	0	0	0	0	0	0
0.010972	0	0	0	0	0	0
0.012999	0	0	0	0	0	0
0.009828	0	0	0	0	0	0
0.064302	0	0	0	0	0	0
0.027563	0	0	0	0	0	0
0.015906	0	0	0	0	0	0
0.008001	0	0	0	0	0	0
0.393579	0	0	0	0	0	0
0.009808	0	0	0	0	0	0
0.039186	0	0	0	0	0	0
0.214088	0	0	0	0	0	0
0.287204	0.04	0	0	0	0	0
0.091003	0	0	0	0	0	0
0.056221	0	0	0	0	0	0
0.074787	0	0	0	0	0	0
0.053236	0	0	0	0	0	0
0.046401	0	0	0	0	0	0
0.131545	0	0	0	0	0	0
0.111901	0	0	0	0	0	0
0.042417	0	0	0	0	0	0
0.050739	0	0	0	0	0	0
0.054516	0	0	0	0	0	0
0.060016	0	0	0	0	0	0
0.056128	0	0	0	0	0	0
0.054059	0	0	0	0	0	0
0.039635	0	0	0	0	0	0
0.05941	0	0	0	0	0	0

0.086763	0	0	0	0	0	0
0.066449	0	0	0	0	0	0
0.047418	0	0	0	0	0	0
0.057823	0	0	0	0	0	0
0.073951	0	0	0	0	0	0
0.066493	0	0	0	0	0	0
0.051718	0	0	0	0	0	0
0.038015	0	0	0	0	0	0
0.039377	0	0	0	0	0	0
0.044695	0	0	0	0	0	0
0.045639	0	0	0	0	0	0
0.051563	0	0	0	0	0	0
0.075747	0	0	0	0	0	0
0.041708	0	0	0	0	0	0
0.021418	0	0	0	0	0	0
0.031786	0	0	0	0	0	0
0.02724	0	0	0	0	0	0
0.039298	0	0	0	0	0	0
0.054875	0	0	0	0	0	0
0.026654	0	0	0	0	0	0
0.031455	0	0	0	0	0	0
0.101973	0	0	0	0	0	0
0.066467	0	0	0	0	0	0
0.021259	0	0	0	0	0	0
0.029047	0	0	0	0	0	0
0.035236	0	0	0	0	0	0
0.062887	0	0	0	0	0	0
0.24672	0.01	0	0	0	0	0
0.196246	0	0	0	0	0	0
0.137714	0	0	0	0	0	0
0.054705	0	0	0	0	0	0
0.047252	0	0	0	0	0	0
0.033095	0	0	0	0	0	0
0.063468	0	0	0	0	0	0
0.046307	0	0	0	0	0	0
0.052899	0	0	0	0	0	0
0.127838	0	0	0	0	0	0
0.102459	0	0	0	0	0	0
0.223819	0	0	0	0	0	0
0.047258	0	0	0	0	0	0
0.084629	0	0	0	0	0	0
0.030888	0	0	0	0	0	0
0.294763	0	0	0	0	0	0
0.35134	0	0	0	0	0	0
0.152207	0	0	0	0	0	0
0.158921	0	0	0	0	0	0
0.099676	0	0	0	0	0	0
0.124089	0.07	0	0	0	0	0
0.109497	0	0	0	0	0	0
0.046664	0	0	0	0	0	0

0.093153	0	0	0	0	0	0
0.038025	0	0	0	0	0	0
0.054005	0	0	0	0	0	0
0.062019	0	0	0	0	0	0
0.048077	0	0	0	0	0	0
0.089224	0	0	0	0	0	0
0.045231	0	0	0	0	0	0
0.041451	0	0	0	0	0	0
0.041353	0	0	0	0	0	0
0.041346	0	0	0	0	0	0
0.037765	0	0	0	0	0	0
0.030168	0	0	0	0	0	0
0.035112	0	0	0	0	0	0
0.033076	0	0	0	0	0	0
0.054087	0	0	0	0	0	0
0.026451	0	0	0	0	0	0
0.026896	0	0	0	0	0	0
0.046961	0	0	0	0	0	0
0.031885	0	0	0	0	0	0
0.047282	0	0	0	0	0	0
0.024499	0	0	0	0	0	0
0.094912	0	0	0	0	0	0
0.017554	0	0	0	0	0	0
0.010427	0	0	0	0	0	0
0.049328	0	0	0	0	0	0
0.065717	0	0	0	0	0	0
0.045716	0	0	0	0	0	0
0.056182	0	0	0	0	0	0
0.049379	0	0	0	0	0	0
0.065525	0	0	0	0	0	0
0.047296	0	0	0	0	0	0
0.056787	0	0	0	0	0	0
0.060033	0	0	0	0	0	0
0.041002	0	0	0	0	0	0
0.039193	0	0	0	0	0	0
0.039911	0	0	0	0	0	0
0.071266	0	0	0	0	0	0
0.041395	0	0	0	0	0	0
0.034624	0	0	0	0	0	0
0.058732	0	0	0	0	0	0
0.051393	0	0	0	0	0	0
0.057537	0	0	0	0	0	0
0.11296	0	0	0	0	0	0
0.090747	0	0	0	0	0	0
0.276323	0	0	0	0	0	0
0.247814	0	0	0	0	0	0
0.109242	0	0	0	0	0	0
0.059668	0	0	0	0	0	0
0.097434	0	0	0	0	0	0
0.052945	0	0	0	0	0	0

0.17195	0	0	0	0	0	0
0.099275	0	0	0	0	0	0
0.068553	0	0	0	0	0	0
0.033592	0	0	0	0	0	0
0.047099	0	0	0	0	0	0
0.058772	0	0	0	0	0	0
0.03815	0	0	0	0	0	0
0.046991	0	0	0	0	0	0
0.05778	0	0	0	0	0	0
0.126482	0	0	0	0	0	0
0.041406	0	0	0	0	0	0
0.033852	0	0	0	0	0	0
0.041777	0	0	0	0	0	0
0.16877	0	0	0	0	0	0
0.054023	0	0	0	0	0	0
0.046722	0	0	0	0	0	0
0.142089	0	0	0	0	0	0
0.327301	0	0	0	0	0	0
0.038577	0	0	0	0	0	0
0.20523	0	0	0	0	0	0
0.222782	0	0	0	0	0	0
0.264468	0	0	0	0	0	0
0.057174	0	0	0	0	0	0
0.067766	0	0	0	0	0	0
0.249066	0	0	0	0	0	0
0.14485	0	0	0	0	0	0
0.225367	0	0	0	0	0	0
0.155611	0	0	0	0	0	0
0.068308	0	0	0	0	0	0
0.063234	0	0	0	0	0	0
0.041344	0	0	0	0	0	0
0.044075	0	0	0	0	0	0
0.084222	0	0	0	0	0	0
0.076394	0	0	0	0	0	0
0.037363	0	0	0	0	2	2
0.037466	0	2	0	0	0	2
0.059436	0	0	0	0	0	0
0.038829	0	0	0	0	0	0
0.043414	0	0	0	0	0	0
0.046649	0	0	0	0	0	0
0.044677	0	0	0	0	0	0
0.064476	0	0	0	0	0	0
0.10146	0	0	0	0	0	0
0.090262	0	0	0	0	0	0
0.092829	0	0	0	0	0	0
0.057773	0	0	0	0	0	0
0.064839	0	0	0	0	0	0
0.041188	0	0	0	0	0	0
0.074339	0	0	0	0	0	0
0.102646	0	0	0	0	0	0

0.05568	0	0	0	0	0	0
0.019333	0	0	0	0	0	0
0.132279	0	0	0	0	0	0
0.254653	0	0	0	0	0	0
0.054611	0	0	0	0	0	0
0.066593	0	0	0	0	0	0
0.051565	0	0	0	0	0	0
0.052712	0	0	0	0	0	0
0.146393	0	0	0	0	0	0
0.225367	0	0	0	0	0	0
0.112526	0	0	0	0	0	0
0.050618	0	0	0	0	0	0
0.159563	0	0	0	0	0	0
0.162509	0	0	0	0	0	0
0.091976	0	0	0	0	0	0
0.135575	0	0	0	0	0	0
0.059188	0	0	0	0	0	0
0.062896	0	0	0	0	0	0
0.066638	0	0	0	0	0	0
0.074319	0	0	0	0	0	0
0.032707	0	0	0	0	0	0
0.04999	0	0	0	0	0	0
0.061449	0	0	0	0	0	0
0.111264	0	0	0	0	0	0
0.068518	0	0	0	0	0	0
0.09426	0	0	0	0	0	0
0.201101	0	0	0	0	0	0
0.14436	0	0	0	0	0	0
0.031941	0	0	0	0	0	0
0.026266	0	0	0	0	0	0
0.150676	0	0	0	0	0	0
0.127276	0	0	0	0	0	0
0.02414	0	0	0	0	0	0
0.076233	0	0	0	0	0	0
0.14478	0.02	0	0	0	0	0
0.189045	0.09	0	0	0	0	0
0.0155	0	0	0	0	0	0
0.029508	0	0	0	0	0	0
0.011417	0	0	0	0	0	0
0.021284	0	0	0	0	0	0
0.075708	0	0	0	0	0	0
0.016114	0	0	0	0	0	0
0.010825	0	0	0	0	0	0
0.052646	0	0	0	0	0	0
0.043177	0	0	0	0	0	0
0.05331	0	0	0	0	0	0
0.037477	0	0	0	0	0	0
0.043762	0	0	0	0	0	0
0.044142	0	0	0	0	0	0
0.060883	0	0	0	0	0	0

0.071169	0	0	0	0	0	0
0.044459	0	0	0	0	0	0
0.047861	0	0	0	0	0	0
0.031557	0	0	0	0	0	0
0.032394	0	0	0	0	0	0
0.107075	0	0	0	0	0	0
0.064727	0	0	0	0	0	0
0.056551	0	0	0	0	0	0
0.048349	0	0	0	0	0	0
0.049075	0	0	0	0	0	0
0.052859	0	0	0	0	0	0
0.059778	0	0	0	0	0	0
0.151279	0	0	0	0	0	0
0.035986	0	0	0	0	0	0
0.037078	0	0	0	0	0	0
0.044441	0	0	0	0	0	0
0.043353	0	0	0	0	0	0
0.041622	0	0	0	0	0	0
0.025194	0	0	0	0	0	0
0.127197	0	0	0	0	0	0
0.193719	0	0	0	0	0	0
0.052453	0	0	0	0	0	0
0.119103	0	0	0	0	0	0
0.017006	0	0	0	0	0	0
0.014605	0	0	0	0	0	0
0.008584	0	0	0	0	0	0
0.006704	0	0	0	0	0	0
0.009867	0	0	0	0	0	0
0.009437	0	0	0	0	0	0
0.012345	0	0	0	0	0	0
0.009428	0	0	0	0	0	0
0.014025	0	0	0	0	0	0
0.011065	0	0	0	0	0	0
0.219692	0	0	0	0	0	0
0.011114	0	0	0	0	0	0
0.018498	0	0	0	0	0	0
0.00618	0	0	0	0	0	0
0.005852	0	0	0	0	0	0
0.024506	0	0	0	0	0	0
0.03235	0	0	0	0	0	0
0.00924	0	0	0	0	0	0
0.004276	0	0	0	0	0	0
0.025444	0	0	0	0	0	0
0.129273	0	0	0	0	0	0
0.029166	0	0	0	0	0	0
0.018245	0	0	0	0	0	0
0.019055	0	0	0	0	0	0
0.020216	0	0	0	0	0	0
0.016318	0	0	0	0	0	0
0.015723	0	0	0	0	0	0

0.025698	0	0	0	0	0	0
0.027839	0	0	0	0	0	0
0.02388	0	0	0	0	0	0
0.037876	0	0	0	0	0	0
0.041521	0	0	0	0	0	0
0.053444	0	0	0	0	0	0
0.02304	0	0	0	0	0	0
0.037823	0	0	0	0	0	0
0.027092	0	0	0	0	0	0
0.013144	0	0	0	0	0	0
0.026352	0	0	0	0	0	0
0.014732	0	0	0	0	0	0
0.018451	0	0	0	0	0	0
0.016703	0	0	0	0	0	0
0.035673	0	0	0	0	0	0
0.029724	0	0	0	0	0	0
0.02299	0	0	0	0	0	0
0.047099	0	0	0	0	0	0
0.010327	0	0	0	0	0	0
0.00436	0	0	0	0	0	0
0.005622	0	0	0	0	0	0
0.006426	0	0	0	0	0	0
0.005665	0	0	0	0	0	0
0.021994	0	0	0	0	0	0
0.018008	0	0	0	0	0	0
0.019767	0	0	0	0	0	0
0.028144	0	0	0	0	0	0
0.049053	0	0	0	0	0	0
0.01345	0	0	0	0	0	0
0.014464	0	0	0	0	0	0
0.006325	0	0	0	0	0	0
0.005482	0	0	0	0	0	0
0.004635	0	0	0	0	0	0
0.004789	0	0	0	0	0	0
0.012538	0	0	0	0	0	0
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0.003604	0	0	0	0	0	0
0.005638	0	0	0	0	0	0
0.017653	0	0	0	0	0	0
0.009074	0	0	0	0	0	0
0.011085	0	0	0	0	0	0
0.004367	0	0	0	0	0	0
0.002763	0	0	0	0	0	0
0.007466	0	0	0	0	0	0
0.005517	0	0	0	0	0	0
0.009528	0	0	0	0	0	0
0.041576	0	0	0	0	0	0
0.058775	0	0	0	0	0	0
0.04855	0	0	0	0	0	0
0.3476	0.12	0	0	0	0	0

0.090016	0	0	0	0	0	0
0.051466	0	0	0	0	0	0
0.042966	0	0	0	0	0	0
0.047596	0	0	0	0	0	0
0.060178	0	0	0	0	0	0
0.117598	0	0	0	0	0	0
0.044431	0	0	0	0	0	0
0.03827	0	0	0	0	0	0
0.02753	0	0	0	0	0	0
0.03946	0	0	0	0	0	0
0.04953	0	0	0	0	0	0
0.170991	0	0	0	0	0	0
0.039119	0	0	0	0	0	0
0.044511	0	0	0	0	0	0
0.022281	0	0	0	0	0	0
0.065524	0	0	0	0	0	0
0.019906	0	0	0	0	0	0
0.020871	0	0	0	0	0	0
0.036094	0	0	0	0	0	0
0.01059	0	0	0	0	0	0
0.014562	0	0	0	0	0	0
0.052587	0	0	0	0	0	0
0.015935	0	0	0	0	0	0
0.019749	0	0	0	0	0	0
0.030716	0	0	0	0	0	0
0.036096	0	0	0	0	0	0
0.032757	0	0	0	0	0	0
0.028149	0	0	0	0	2	2
0.05586	0	0	0	0	0	0
0.069512	0	0	0	0	0	0
0.045172	0	0	0	0	0	0
0.034265	0	0	0	0	0	0
0.035839	0	0	0	0	0	0
0.049125	0	0	0	0	0	0
0.157924	0	0	0	0	0	0
0.198108	0	0	0	0	0	0
0.168575	0	0	0	0	0	0
0.210857	0	0	0	0	0	0
0.228055	0	0	0	0	0	0
0.91175	0.2	0	0	0	0	0
0.926125	0.22	0	0	0	0	0
0.071145	0	0	0	0	0	0
0.045188	0	0	0	0	0	0
0.054166	0	0	0	0	0	0
0.06513	0	0	0	0	0	0
0.046848	0	0	0	0	0	0
0.062237	0	0	0	0	0	0
0.045394	0	0	0	0	0	0
0.054543	0	0	0	0	0	0
0.05032	0	0	0	0	0	0



0.11675	0	0	0	0	0	0
0.054309	0	0	0	0	0	0
0.063615	0	0	0	0	0	0
0.054438	0	0	0	0	0	0
0.0414	0	0	0	0	0	0
0.033333	0	0	0	0	0	0
0.056928	0	0	0	0	0	0
0.0504	0	0	0	0	0	0
0.056855	0	0	0	0	0	0
0.052691	0	0	0	0	0	0
0.067106	0	0	0	0	0	0
0.045629	0	0	0	0	0	0
0.101779	0	0	0	0	0	0
0.204113	0.02	0	0	0	0	0
0.135908	0	0	0	0	0	0
0.070695	0	0	0	0	0	0
0.036373	0	0	0	0	0	0
0.078753	0	0	0	0	0	0
0.030047	0	0	0	0	0	0
0.039628	0	0	0	0	0	0
0.034859	0	0	0	0	0	0
0.020692	0	0	0	0	0	0
0.022631	0	0	0	0	0	0
0.026135	0	0	0	0	0	0
0.050828	0	0	0	0	0	0
0.060703	0	0	0	0	0	0
0.045191	0	0	0	0	0	0
0.089233	0	0	0	0	0	0
0.003854	0	0	0	0	0	0
0.003484	0	0	0	0	0	0
0.003145	0	0	0	0	0	0
0.012885	0	0	0	0	1	1
0.166443	0.53	1	4	0	0	5
0.464034	0.28	0	5	7	0	12
0.121783	0	0	0	0	0	0
0.050316	0	0	0	0	0	0
0.027655	0	0	0	0	0	0
0.031457	0	0	0	0	0	0
0.020498	0	0	0	0	0	0
0.022102	0	0	0	0	0	0
0.037685	0	0	0	0	0	0
0.082916	0	0	0	0	0	0
0.695202	0.3	0	0	0	0	0
0.041634	0	0	0	0	0	0
0.038665	0	0	0	0	0	0
0.068683	0	0	0	0	0	0
0.038756	0	0	0	0	0	0
0.029848	0	0	0	0	0	0
0.718337	0.34	0	0	0	0	0
0.171699	0	0	0	0	0	0

0.057646	0	0	0	0	0	0
0.05421	0	0	0	0	0	0
0.051395	0	0	0	0	0	0
0.06404	0	0	0	0	0	0
0.036838	0	0	0	0	0	0
0.049189	0	0	0	0	0	0
0.052603	0	0	0	0	0	0
0.031286	0	0	0	0	0	0
0.034631	0	0	0	0	0	0
0.102972	0	0	0	0	0	0
0.093665	0	0	0	0	0	0
0.058197	0	0	0	0	0	0
0.035164	0	0	0	0	0	0
0.034621	0	0	0	0	0	0
0.02619	0	0	0	0	0	0
0.032687	0	0	0	0	0	0
0.033234	0	0	0	0	0	0
0.030392	0	0	0	0	0	0
0.06816	0	0	0	0	0	0
0.077445	0	0	0	0	0	0
0.028037	0	0	0	0	0	0
0.047086	0	0	0	0	0	0
0.065012	0	0	0	0	0	0
0.055705	0	0	0	0	0	0
0.046773	0	0	0	0	0	0
0.05778	0	0	0	0	0	0
0.064546	0	0	0	0	0	0
0.060565	0	0	0	0	0	0
0.039042	0	0	0	0	0	0
0.051194	0	0	0	0	0	0
0.023182	0	0	0	0	0	0
0.024199	0	0	0	0	0	0
0.044589	0	0	0	0	0	0
0.026593	0	0	0	0	0	0
0.017891	0	0	0	0	0	0
0.050535	0	0	0	0	0	0
0.044945	0	0	0	0	0	0
0.041674	0	0	0	0	0	0
0.023028	0	0	0	0	0	0
0.037477	0	0	0	0	0	0
0.020321	0	0	0	0	0	0
0.024516	0	0	0	0	0	0
0.028311	0	0	0	0	0	0
0.037729	0	0	0	0	0	0
0.0199	0	0	0	0	0	0
0.015727	0	0	0	0	0	0
0.035672	0	0	0	0	0	0
0.133718	0	0	0	0	0	0
0.09779	0.01	0	0	0	0	0
0.063983	0	0	0	0	0	0

0.077551	0	0	0	0	0	0
0.040802	0	0	0	0	0	0
0.056412	0	0	0	0	0	0
0.045126	0	0	0	0	0	0
0.031014	0	0	0	0	0	0
0.012907	0	0	0	0	0	0
0.036437	0	0	0	0	0	0
0.133523	0	0	0	0	0	0
0.132581	0.01	0	0	0	0	0
0.097236	0	0	0	0	0	0
0.085929	0	0	0	0	0	0
0.013023	0	0	0	0	0	0
0.04557	0	0	0	0	0	0
0.008853	0	0	0	0	0	0
0.01099	0	0	0	0	4	4
0.009187	0	4	0	0	0	4
0.010179	0	0	0	0	0	0
0.006747	0	0	0	0	0	0
0.009657	0	0	0	0	0	0
0.007866	0	0	0	0	0	0
0.00719	0	0	0	0	0	0
0.005645	0	0	0	0	0	0
0.004448	0	0	0	0	0	0
0.013345	0	0	0	0	0	0
0.005101	0	0	0	0	0	0
0.003923	0	0	0	0	0	0
0.005701	0	0	0	0	0	0
0.014445	0	0	0	0	0	0
0.026452	0.02	0	0	0	0	0
0.022234	0.01	0	0	0	0	0
0.008419	0	0	0	0	0	0
0.015984	0	0	0	0	0	0
0.022096	0	0	0	0	0	0
0.007438	0	0	0	0	0	0
0.185602	0	0	0	0	0	0
0.032628	0	0	0	0	0	0
0.094329	0	0	0	0	0	0
0.253915	0	0	0	0	0	0
0.144464	0	0	0	0	0	0
0.071568	0	0	0	0	0	0
0.082705	0	0	0	0	0	0
0.042993	0	0	0	0	0	0
0.109995	0	0	0	0	0	0
0.064664	0	0	0	0	0	0
0.088245	0	0	0	0	0	0
0.078028	0	0	0	0	0	0
0.047814	0	0	0	0	0	0
0.052373	0	0	0	0	0	0
0.053947	0	0	0	0	0	0
0.098251	0	0	0	0	0	0

0.048132	0	0	0	0	0	0
0.001539	0	0	0	0	0	0
0.004355	0	0	0	0	0	0
0.016488	0	0	0	0	0	0
0.005055	0	0	0	0	0	0
0.003505	0	0	0	0	0	0
0.002542	0	0	0	0	0	0
0.005199	0	0	0	0	0	0
0.001227	0	0	0	0	0	0
0.000729	0	0	0	0	0	0
0.041602	0	0	0	0	0	0
0.001938	0	0	0	0	0	0
0.003724	0	0	0	0	0	0
0.021433	0	0	0	0	0	0
0.004868	0	0	0	0	0	0
0.003091	0	0	0	0	0	0
0.001699	0	0	0	0	0	0
0.003425	0	0	0	0	0	0
0.001428	0	0	0	0	0	0
0.005648	0	0	0	0	0	0
0.002646	0	0	0	0	0	0
0.001231	0	0	0	0	0	0
0.002976	0	0	0	0	0	0
0.00823	0	0	0	0	0	0
0.001683	0	0	0	0	0	0
0.0017	0	0	0	0	0	0
0.004296	0	0	0	0	0	0
0.000927	0	0	0	0	0	0
0.002263	0	0	0	0	0	0
0.001691	0	0	0	0	0	0
0.001573	0	0	0	0	0	0
0.017188	0	0	0	0	0	0
0.003426	0	0	0	0	0	0
0.007049	0	0	0	0	0	0
0.002067	0	0	0	0	0	0
0.002149	0	0	0	0	0	0
0.005662	0	0	0	0	0	0
0.020722	0	0	0	0	0	0
0.003744	0	0	0	0	0	0
0.008531	0	0	0	0	0	0
0.002658	0	0	0	0	0	0
0.004656	0	0	0	0	0	0
0.000566	0	0	0	0	0	0
0.003258	0	0	0	0	0	0
0.002288	0	0	0	0	0	0
0.00334	0	0	0	0	0	0
0.024594	0	0	0	0	0	0
0.015233	0	0	0	0	0	0
0.00513	0	0	0	0	0	0
0.005011	0	0	0	0	0	0

0.005743	0	0	0	0	0	0
0.002979	0	0	0	0	0	0
0.009224	0	0	0	0	0	0
0.027311	0	0	0	0	0	0
0.058347	0	0	0	0	0	0
0.044261	0	0	0	0	0	0
0.0043	0	0	0	0	0	0
0.005625	0	0	0	0	0	0
0.015098	0	0	0	0	0	0
0.010436	0	0	0	0	0	0
0.010573	0	0	0	0	0	0
0.013326	0	0	0	0	0	0
0.006522	0	0	0	0	0	0
0.004937	0	0	0	0	0	0
0.010333	0	0	0	0	0	0
0.005867	0	0	0	0	0	0
0.005672	0	0	0	0	0	0
0.057308	0	0	0	0	0	0
0.056405	0	0	0	0	0	0
0.055749	0	0	0	0	0	0
0.055316	0	0	0	0	0	0
0.078534	0	0	0	0	0	0
0.025344	0	0	0	0	0	0
0.005581	0	0	0	0	0	0
0.026264	0	0	0	0	0	0
0.015628	0	0	0	0	0	0
0.008292	0	0	0	0	0	0
0.007893	0	0	0	0	0	0
0.013458	0	0	0	0	0	0
0.01524	0	0	0	0	0	0
0.011638	0	0	0	0	0	0
0.009874	0.01	0	0	0	0	0
0.010549	0	0	0	0	0	0
0.023909	0	0	0	0	0	0
0.008144	0	0	0	0	0	0
0.018748	0	0	0	0	0	0
0.342788	0.01	0	0	0	0	0
0.201779	0.14	0	0	0	0	0
0.284195	0.18	0	0	0	0	0
0.296557	0.05	0	0	0	0	0
0.194939	0	0	0	0	0	0
0.239556	0	0	0	0	0	0
0.165307	0	0	0	0	0	0
0.02723	0	0	0	0	0	0
0.020307	0	0	0	0	0	0
0.030412	0	0	0	0	0	0
0.071643	0	0	0	0	6	6
0.001728	0	0	0	0	0	0
0.025072	0	0	0	0	0	0
0.016147	0	0	0	0	0	0

0.024036	0	0	0	0	0	0
0.005819	0	0	0	0	0	0
0.031085	0.01	0	0	0	0	0
0.021688	0.01	0	0	0	0	0
0.015917	0.01	0	0	0	0	0
0.004112	0	0	0	0	0	0
0.002364	0	0	0	0	0	0
0.005233	0	0	0	0	0	0
0.009886	0	0	0	0	0	0
0.00394	0	0	0	0	0	0
0.01244	0	0	0	0	0	0
0.008964	0	0	0	0	0	0
0.012015	0	0	0	0	0	0
0.034951	0	0	0	0	0	0
0.005881	0	0	0	0	0	0
0.234431	0.12	0	0	0	0	0
0.188031	0	0	0	0	0	0
0.062458	0.05	0	0	0	0	0
0.106241	0	0	0	0	0	0
0.010813	0	0	0	0	0	0
0.00369	0	0	0	0	0	0
0.005865	0	0	0	0	0	0
0.004739	0	0	0	0	0	0
0.005442	0	0	0	0	0	0
0.004298	0	0	0	0	0	0
0.006358	0	0	0	0	0	0
0.003599	0	0	0	0	0	0
0.004682	0	0	0	0	0	0
0.0064	0	0	0	0	0	0
0.043893	0	0	0	0	0	0
0.062708	0	0	0	0	0	0
0.04781	0	0	0	0	0	0
0.036247	0.03	0	0	0	0	0
0.004714	0	0	0	0	0	0
0.009074	0	0	0	0	0	0
0.010333	0	0	0	0	0	0
0.002158	0	0	0	0	0	0
0.002093	0	0	0	0	0	0
0.008721	0	0	0	0	0	0
0.005368	0	0	0	0	0	0
0.003421	0	0	0	0	0	0
0.004213	0	0	0	0	0	0
0.004362	0	0	0	0	0	0
0.009584	0	0	0	0	0	0
0.068043	0	0	0	0	0	0
0.032064	0	0	0	0	0	0
0.026908	0	0	0	0	0	0
0.033305	0	0	0	0	0	0
0.021918	0	0	0	0	0	0
0.009946	0	0	0	0	0	0

0.003638	0	0	0	0	0	0
0.023249	0	0	0	0	0	0
0.093219	0	0	0	0	0	0
0.026715	0	0	0	0	0	0
0.013876	0	0	0	0	0	0
0.017212	0	0	0	0	0	0
0.007695	0	0	0	0	0	0
0.026023	0.02	0	0	0	0	0
0.008101	0	0	0	0	0	0
0.008057	0	0	0	0	0	0
0.205885	0	1	0	0	0	1
0.012781	0	0	0	0	0	0
0.070546	0	0	0	0	0	0
0.469309	0.02	0	0	0	0	0
0.19512	0	0	0	0	0	0
0.889355	0.66	0	0	0	0	0
0.784936	0.46	0	0	0	0	0
0.454906	0.14	0	0	0	0	0
0.079749	0	0	0	0	0	0
0.014825	0	0	0	0	0	0
0.090314	0	0	0	0	0	0
0.019831	0	0	0	0	0	0
0.025251	0	0	0	0	0	0
0.018721	0	0	0	0	0	0
0.457852	0.1	0	0	0	0	0
0.741854	0.35	0	0	0	0	0
0.948832	0.61	0	0	0	0	0
0.05755	0	0	0	0	0	0
0.209811	0	0	0	0	0	0
0.083017	0	0	0	0	0	0
0.02714	0	0	0	0	0	0
0.036361	0	0	0	0	0	0
0.041408	0	0	0	0	0	0
0.031306	0	0	0	0	0	0
0.015209	0	0	0	0	0	0
0.020431	0	0	0	0	0	0
0.066343	0	0	0	0	0	0
0.033007	0	0	0	0	0	0
0.710925	0	0	0	0	0	0
0.005167	0	0	0	0	0	0
0.016049	0	0	0	0	0	0
0.013546	0	0	0	0	0	0
0.006746	0	0	0	0	0	0
0.005	0	0	0	0	0	0
0.005163	0	0	0	0	0	0
0.003425	0	0	0	0	0	0
0.004103	0	0	0	0	0	0
0.016076	0	0	0	0	0	0
0.011472	0	0	0	0	0	0
0.009917	0	0	0	0	0	0

0.010384	0	0	0	0	6	6
0.595354	0.32	6	0	5	0	11
0.635602	0	3	0	0	0	3
0.04957	0	0	0	0	0	0
0.004548	0	0	0	0	0	0
0.008665	0	0	0	0	0	0
0.004565	0	0	0	0	0	0
0.010071	0	0	0	0	0	0
0.015952	0	0	0	0	0	0
0.025582	0.02	0	0	0	0	0
0.004832	0	0	0	0	6	6
0.010192	0	6	0	0	0	6
0.009456	0	0	0	0	0	0
0.017656	0	0	0	0	0	0
0.014665	0	0	0	0	0	0
0.043859	0.03	0	0	0	0	0
0.006373	0	0	0	0	0	0
0.440286	0.12	0	0	0	0	0
0.031583	0	0	0	0	0	0
0.039677	0	0	0	0	0	0
0.121199	0.43	0	0	0	0	0
0.043501	0	0	0	0	0	0
0.038596	0	0	0	0	0	0
0.049799	0	0	0	0	0	0
0.034416	0	0	0	0	0	0
0.076948	0	0	0	0	0	0
0.018053	0	0	0	0	0	0
0.026673	0	0	0	0	0	0
0.018773	0	0	0	0	0	0
0.044227	0	0	0	0	0	0
0.048496	0	0	0	0	0	0
0.056739	0	0	0	0	0	0
0.061053	0	0	0	0	0	0
0.051049	0	0	0	0	0	0
0.059244	0	0	0	0	0	0
0.05884	0	0	0	0	0	0
0.379984	0	0	0	0	0	0
0.028275	0	0	0	0	0	0
0.079863	0	0	0	0	0	0
0.017547	0	0	0	0	0	0
0.087381	0	0	0	0	0	0
0.232479	0	0	0	0	0	0
0.016648	0	0	0	0	0	0
0.021975	0	0	0	0	0	0
0.012314	0	0	0	0	0	0
0.069216	0	0	0	0	0	0
0.031809	0	0	0	0	0	0
0.014786	0	0	0	0	0	0
0.013774	0	0	0	0	0	0
0.016829	0	0	1	0	0	1



0.020478	0	0	0	0	0	0
0.015782	0	0	0	0	0	0
0.014155	0	0	0	0	0	0
0.04465	0	0	0	0	0	0
0.05963	0	0	0	0	0	0
0.053811	0	0	0	0	0	0
0.034347	0	0	0	0	0	0
0.072345	0	0	0	0	0	0
0.042426	0	0	0	0	0	0
0.050653	0	0	0	0	0	0
0.237594	0	0	0	0	0	0
0.086265	0	0	0	0	0	0
0.068349	0	0	0	0	0	0
0.125372	0	0	0	0	0	0
0.057946	0	0	0	0	0	0
0.064644	0	0	0	0	0	0
0.0523	0	0	0	0	0	0
0.271281	0.02	0	0	0	0	0
0.268773	0.07	0	0	0	0	0
0.065041	0	0	0	0	0	0
0.004682	0	0	0	0	0	0
0.017068	0	0	0	0	0	0
0.013575	0	0	0	0	0	0
0.081776	0	0	0	0	0	0
0.138996	0	0	0	0	0	0
0.019909	0	0	0	0	0	0
0.037457	0	0	0	0	0	0
0.031798	0	0	0	0	0	0
0.023843	0	0	0	0	0	0
0.055168	0	0	0	0	0	0
0.084136	0	0	0	0	0	0
0.00873	0	0	0	0	0	0
0.01871	0	0	0	0	0	0
0.008241	0	0	0	0	0	0
0.020166	0	0	0	0	0	0
0.033891	0	0	0	0	0	0
0.015476	0	0	0	0	0	0
0.014594	0	0	0	0	0	0
0.019031	0	0	0	0	0	0
0.021143	0	0	0	0	0	0
0.010836	0	0	0	0	0	0
0.034741	0	0	0	0	0	0
0.019126	0	0	0	0	0	0
0.025815	0	0	0	0	0	0
0.084206	0	0	0	0	0	0
0.017403	0	0	0	0	0	0
0.01485	0	0	0	0	0	0
0.015983	0	0	0	0	0	0
0.01865	0	0	0	0	0	0
0.023065	0	0	0	0	0	0

0.003194	0	0	0	0	0	0
0.003493	0	0	0	0	0	0
0.004849	0	0	0	0	0	0
0.000419	0	0	0	0	0	0
0.000278	0	0	0	0	0	0
0.000314	0	0	0	0	0	0
0.000211	0	0	0	0	0	0
0.00049	0	0	0	0	0	0
0.000454	0	0	0	0	0	0
0.000318	0	0	0	0	0	0
0.000328	0	0	0	0	0	0
0.001039	0	0	0	0	0	0
0.020258	0	0	0	0	0	0
0.014755	0	0	0	0	0	0
0.010266	0	0	0	0	0	0
0.026891	0	0	0	0	0	0
0.021123	0	0	0	0	0	0
0.019272	0	0	0	0	0	0
0.016477	0	0	0	0	0	0
0.014363	0	0	0	0	0	0
0.01104	0	0	0	0	0	0
0.013987	0	0	0	0	0	0
0.01524	0	0	0	0	0	0
0.015286	0	0	0	0	0	0
0.016593	0	0	0	0	0	0
0.011562	0	0	0	0	0	0
0.009816	0	0	0	0	0	0
0.009618	0	0	0	0	0	0
0.011495	0	0	0	0	0	0
0.009271	0	0	0	0	0	0
0.012852	0	0	0	0	0	0
0.009896	0	0	4	0	0	4
0.014676	0	0	0	0	0	0
0.011034	0	0	0	0	0	0
0.012981	0	0	0	0	0	0
0.009808	0	0	0	0	0	0
0.015165	0	0	0	0	0	0
0.010572	0	0	0	0	0	0
0.010346	0	0	0	0	0	0
0.004767	0	0	0	0	0	0
0.00527	0	0	0	0	0	0
0.004055	0	0	0	0	0	0
0.003584	0	0	0	0	0	0
0.010906	0	0	0	0	0	0
0.003381	0	0	0	0	0	0
0.023443	0	0	0	0	0	0
0.005645	0	0	0	0	0	0
0.008659	0	0	0	0	0	0
0.010341	0	0	0	0	0	0
0.004657	0	0	0	0	0	0

0.003679	0	0	0	0	0	0
0.003265	0	0	0	0	0	0
0.005728	0	0	0	0	0	0
0.029826	0	0	0	0	0	0
0.015947	0	0	0	0	0	0
0.019767	0	0	0	0	0	0
0.021072	0	0	0	0	0	0
0.004129	0	0	0	0	0	0
0.004054	0	0	0	0	0	0
0.015899	0	0	0	0	0	0
0.021742	0	0	0	0	0	0
0.018206	0	0	0	0	0	0
0.013438	0	0	0	0	0	0
0.068823	0	0	0	0	0	0
0.062701	0	0	0	0	0	0
0.040699	0	0	0	0	0	0
0.04412	0	0	0	0	0	0
0.052442	0	0	0	0	0	0
0.044258	0	0	0	0	0	0
0.07122	0	0	0	0	0	0
0.003355	0	0	0	0	0	0
0.001761	0	0	0	0	0	0
0.001248	0	0	0	0	0	0
0.001948	0	0	0	0	0	0
0.002909	0	0	0	0	0	0
0.002329	0	0	0	0	0	0
0.002875	0	0	0	0	0	0
0.001324	0	0	0	0	0	0
0.002234	0	0	0	0	0	0
0.001614	0	0	0	0	0	0
0.002574	0	0	0	0	0	0
0.002009	0	0	0	0	0	0
0.002571	0	0	0	0	0	0
0.00185	0	0	0	0	0	0
0.001505	0	0	0	0	0	0
0.002083	0	0	0	0	0	0
0.001563	0	0	0	0	0	0
0.001674	0	0	0	0	0	0
0.020819	0	0	0	0	0	0
0.004471	0	0	0	0	0	0
0.00361	0	0	0	0	0	0
0.003326	0	0	0	0	0	0
0.004203	0	0	0	0	0	0
0.004024	0	0	0	0	0	0
0.012765	0	0	0	0	0	0
0.00679	0	0	0	0	0	0
0.007132	0	0	0	0	0	0
0.038517	0	0	0	0	0	0
0.009629	0	0	0	0	0	0
0.005233	0	0	0	0	0	0

0.010968	0	0	0	0	0	0
0.006613	0	0	0	0	0	0
0.016486	0	0	0	0	0	0
0.017088	0	0	0	0	0	0
0.01466	0	0	0	0	0	0
0.025286	0	0	0	0	0	0
0.008229	0	0	0	0	0	0
0.005243	0	0	0	0	0	0
0.006173	0	0	0	0	0	0
0.007866	0	0	0	0	0	0
0.005389	0	0	0	0	0	0
0.004636	0	0	0	0	0	0
0.006249	0	0	0	0	0	0
0.008428	0	0	0	0	0	0
0.000577	0	0	0	0	0	0
0.000354	0	0	0	0	0	0
0.000298	0	0	0	0	0	0
0.000323	0	0	0	0	0	0
0.000321	0	0	0	0	0	0
0.00025	0	0	0	0	0	0
0.000586	0	0	0	0	0	0
0.003008	0	0	0	0	0	0
0.000427	0	0	0	0	0	0
0.001724	0	0	4	0	0	4
0.000143	0	0	0	0	0	0
0.002661	0	0	0	0	0	0
0.000962	0	0	0	0	0	0
0.002039	0	0	0	0	0	0
0.00063	0	0	0	0	0	0
0.000332	0	0	0	0	0	0
0.00095	0	0	0	0	0	0
0.000746	0	0	0	0	0	0
0.001976	0	0	0	0	0	0
0.003056	0	0	0	0	0	0
0.003645	0	0	0	0	0	0
0.001073	0	0	0	0	0	0
0.001951	0	0	0	0	0	0
0.001608	0	0	0	0	0	0
0.00113	0	0	0	0	0	0
0.008159	0	0	0	0	0	0
0.008026	0	0	0	0	0	0
0.002818	0	0	0	0	0	0
0.002889	0	0	0	0	0	0
0.006505	0	0	0	0	0	0
0.003542	0	0	0	0	0	0
0.009837	0	0	0	0	0	0
0.004962	0	0	0	0	0	0
0.011826	0	0	0	0	0	0
0.003803	0	0	0	0	0	0
0.001687	0	0	0	0	0	0

0.001975	0	0	0	0	0	0
0.001684	0	0	0	0	0	0
0.001191	0	0	0	0	0	0
0.001286	0	0	0	0	0	0
0.002286	0	0	0	0	0	0
0.002439	0	0	0	0	0	0
0.003523	0	0	0	0	0	0
0.006825	0	0	0	0	0	0
0.002142	0	0	0	0	0	0
0.000483	0	0	0	0	0	0
0.00146	0	0	0	0	0	0
0.001213	0	0	0	0	0	0
0.000884	0	0	0	0	0	0
0.000471	0	0	0	0	0	0
0.002709	0	0	0	0	0	0
0.00252	0	0	0	0	0	0
0.00159	0	0	0	0	0	0
0.001494	0	0	0	0	0	0
0.062455	0	0	0	0	0	0
0.048694	0	0	0	0	0	0
0.060863	0	0	0	0	0	0
0.019723	0	0	0	0	0	0
0.029918	0	0	0	0	0	0
0.024727	0	0	0	0	0	0
0.024012	0	0	0	0	0	0
0.015412	0	0	0	0	0	0
0.036507	0	0	0	0	0	0
0.030125	0	0	0	0	0	0
0.021311	0	0	0	0	0	0
0.015201	0	0	0	0	0	0
0.058289	0	0	0	0	0	0
0.034994	0	0	0	0	0	0
0.124031	0	0	0	0	0	0
0.027336	0	0	0	0	0	0
0.021998	0	0	0	0	0	0
0.025381	0	0	0	0	0	0
0.023289	0	0	0	0	0	0
0.024911	0	0	0	0	0	0
0.148928	0	0	0	0	0	0
0.023914	0	0	0	0	0	0
0.028812	0	0	0	0	0	0
0.037082	0	0	0	0	0	0
0.211816	0	0	0	0	0	0
0.09114	0	0	0	0	0	0
0.035178	0	0	0	0	0	0
0.03373	0	0	0	0	0	0
0.088508	0	0	0	0	0	0
0.051485	0	0	0	0	0	0
0.115045	0	0	0	0	0	0
0.016194	0	0	0	0	0	0

0.04403	0	0	0	0	0	0
0.043124	0	0	0	0	0	0
0.043694	0	0	1	1	0	2
0.045128	0	0	0	0	0	0
0.059346	0	0	0	0	0	0
0.129497	0	0	0	0	0	0
0.208494	0	0	0	0	0	0
0.052668	0	0	0	0	0	0
0.062789	0	0	0	0	0	0
0.001138	0	0	0	0	0	0
0.001336	0	0	0	0	0	0
0.000282	0	0	0	0	0	0
0.00127	0	0	0	0	0	0
0.001102	0	0	0	0	0	0
0.000924	0	0	0	0	0	0
0.001812	0	0	0	0	0	0
0.000449	0	0	0	0	0	0
0.000396	0	0	0	0	0	0
0.000602	0	0	0	0	0	0
0.0009	0	0	0	0	0	0
0.661484	0.07	0	0	0	0	0
0.046564	0	0	0	0	0	0
0.018589	0	0	0	0	0	0
0.051255	0	0	0	0	0	0
0.012771	0	0	0	0	0	0
0.026721	0	0	0	0	0	0
0.025823	0	0	0	0	0	0
0.007945	0	0	0	0	0	0
0.233765	0	0	0	0	0	0
0.825979	0	0	0	0	0	0
0.060134	0	0	0	0	0	0
0.127732	0	0	0	0	0	0
0.046641	0	0	0	0	0	0
0.01846	0	0	0	0	0	0
0.014289	0	0	0	0	0	0
0.013992	0	0	0	0	0	0
0.098214	0	0	0	0	0	0
0.189971	0	0	0	0	0	0
0.009288	0	0	0	0	0	0
0.015686	0	0	0	0	0	0
0.018842	0	0	0	0	0	0
0.021946	0	0	0	0	0	0
0.01669	0	0	0	0	0	0
0.012595	0	0	0	0	0	0
0.011331	0	0	0	0	0	0
0.005805	0	0	0	0	0	0
0.015969	0	0	0	0	0	0
0.001871	0	0	0	0	0	0
0.004295	0	0	0	0	0	0
0.017054	0	0	0	0	0	0

0.013771	0	0	0	0	0	0
0.012069	0	0	0	0	0	0
0.026268	0	0	0	0	0	0
0.957425	0	0	0	0	0	0
0.979063	0	0	0	0	0	0
0.935545	0	0	0	0	0	0
0.05711	0	0	0	0	0	0
0.07502	0	0	0	0	0	0
0.094138	0	0	0	0	0	0
0.045141	0	0	0	0	0	0
0.026709	0	0	0	0	0	0
0.114178	0	0	0	2	0	2
0.061743	0	0	0	0	0	0
0.037498	0	1	0	0	0	1
0.137691	0	0	0	0	0	0
0.145764	0	0	0	0	0	0
0.008387	0	0	0	0	0	0
0.020658	0	0	0	0	0	0
0.029633	0	0	0	0	0	0
0.074469	0	0	0	0	0	0
0.188141	0	0	0	0	0	0
0.024912	0	0	0	0	0	0
0.169938	0	0	0	0	0	0
0.056832	0	0	0	0	0	0
0.008582	0	0	0	0	0	0
0.007921	0	0	0	0	0	0
0.943507	0	0	0	0	0	0
0.04395	0	0	0	0	0	0
0.018593	0	0	0	0	0	0
0.0295	0	0	0	0	0	0
0.298655	0	0	0	0	0	0
0.011854	0	0	3	0	0	3
0.011442	0	0	0	0	0	0
0.012109	0	0	0	0	0	0
0.021453	0	0	0	0	0	0
0.009326	0	0	0	0	0	0
0.008355	0	0	0	0	0	0
0.029041	0	0	0	0	0	0
0.020505	0	0	0	0	0	0
0.048023	0	0	0	0	0	0
0.025026	0	0	0	0	0	0
0.029855	0	0	0	0	0	0
0.045938	0	0	0	0	0	0
0.0927	0	0	0	0	0	0
0.024031	0	0	0	0	0	0
0.036249	0	0	0	0	0	0
0.027638	0	0	0	0	0	0
0.100682	0	0	0	0	0	0
0.078311	0	0	0	0	0	0
0.024504	0	0	0	0	0	0

0.096159	0	0	0	0	0	0
0.068959	0	0	0	0	0	0
0.020607	0	0	0	0	0	0
0.015279	0	0	0	0	0	0
0.191851	0	0	0	0	0	0
0.042198	0	0	0	0	0	0
0.025131	0	0	0	0	0	0
0.043598	0	0	0	0	0	0
0.187819	0	0	0	0	0	0
0.024141	0	0	0	0	0	0
0.024261	0	0	0	0	0	0
0.744326	0.04	0	0	0	0	0
0.591247	0	0	0	0	0	0
0.034093	0	0	0	0	0	0
0.012374	0	0	0	0	0	0
0.464114	0.13	0	0	0	0	0
0.034328	0	0	0	5	0	5
0.176736	0	0	0	0	0	0
0.088833	0	0	0	0	1	1
0.033271	0	1	0	0	0	1
0.00942	0	0	0	0	0	0
0.038082	0	0	0	0	0	0
0.030222	0	0	0	0	0	0
0.020613	0	0	0	0	0	0
0.021458	0	0	0	0	0	0
0.057652	0	0	0	0	0	0
0.006927	0	0	0	0	0	0
0.011849	0	0	0	0	0	0
0.029166	0	0	0	0	0	0
0.028154	0	0	0	0	0	0
0.018487	0	0	0	0	0	0
0.067026	0	0	0	0	0	0
0.029726	0	0	0	0	0	0
0.024725	0	0	0	5	0	5
0.02707	0	0	0	0	0	0
0.021293	0	0	0	0	0	0
0.018831	0	0	0	0	0	0
0.032208	0	0	0	0	0	0
0.014795	0	0	0	0	0	0
0.012703	0	0	0	0	0	0
0.008854	0	0	0	0	0	0
0.011281	0	0	0	0	0	0
0.022353	0	0	0	0	0	0
0.00737	0	0	0	0	0	0
0.019298	0	0	0	0	0	0
0.019133	0	0	0	0	0	0
0.050949	0	0	0	0	0	0
0.028884	0	0	0	0	0	0
0.030715	0	0	0	0	0	0
0.03301	0	0	0	0	0	0



0.025311	0	0	0	0	0	0
0.024373	0	0	0	0	0	0
0.991935	0	0	0	0	0	0
0.007026	0	0	0	0	0	0
0.035722	0	0	0	0	0	0
0.020343	0	0	0	0	0	0
0.032807	0	0	0	0	0	0
0.034948	0	0	0	0	0	0
0.016456	0	0	0	0	0	0
0.018898	0	0	0	0	0	0
0.025595	0	0	0	0	0	0
0.039473	0	0	0	0	0	0
0.021589	0	0	0	0	0	0
0.021278	0	0	0	0	0	0
0.011019	0	0	0	0	0	0
0.031353	0	0	0	0	0	0
0.007285	0	0	0	0	0	0
0.03284	0	0	0	0	0	0
0.029294	0	0	0	0	0	0
0.027412	0	0	0	0	0	0
0.025204	0	0	0	0	0	0
0.020644	0	0	0	0	0	0
0.023519	0	0	0	0	0	0
0.017139	0	0	0	0	0	0
0.000333	0	3	0	0	0	3
0.000401	0	0	0	0	4	4
0.000187	0	4	0	0	0	4
0.001925	0	0	0	0	0	0
0.000582	0	0	0	0	0	0
0.00023	0	0	0	0	0	0
0.000451	0	0	0	0	0	0
0.000159	0	0	0	0	3	3
0.006681	0	0	0	0	0	0
0.059531	0	0	0	0	0	0
0.002774	0	0	4	0	0	4
0.003144	0	0	0	0	0	0
0.029275	0	0	0	0	0	0
0.005671	0	0	0	0	0	0
0.003027	0	0	0	0	0	0
0.003009	0	0	0	0	0	0
0.003376	0	0	0	0	0	0
0.006541	0	0	0	0	1	1
0.003887	0	1	0	0	0	1
0.003797	0	0	0	0	0	0
0.032336	0	0	0	0	0	0
0.034276	0	0	0	0	0	0
0.114099	0	0	0	0	0	0
0.189699	0	0	0	0	0	0
0.1914	0.09	0	0	0	0	0
0.000797	0	0	0	0	0	0

0.001354	0	0	0	0	0	0
0.000905	0	0	0	0	0	0
0.00123	0	0	0	0	0	0
0.002052	0	0	0	0	0	0
0.000328	0	0	0	0	0	0
0.001635	0	0	0	0	0	0
0.002496	0	0	0	0	0	0
0.002719	0	0	0	0	0	0
0.004532	0	0	0	0	0	0
0.001449	0	0	0	0	0	0
0.010789	0	0	0	0	0	0
0.022466	0.01	0	0	0	0	0
0.001891	0	0	0	0	0	0
0.001729	0	0	0	0	0	0
0.003862	0	0	0	0	0	0
0.005231	0	0	0	0	0	0
0.0014	0	0	0	0	0	0
0.013161	0	0	0	0	0	0
0.070413	0	0	0	0	0	0
0.036215	0	0	0	0	0	0
0.031102	0	0	0	0	0	0
0.016566	0	0	0	0	0	0
0.018601	0	0	0	0	0	0
0.076682	0	0	0	0	0	0
0.025942	0	0	0	0	0	0
0.021238	0	0	0	0	0	0
0.025276	0	0	0	0	0	0
0.177782	0	0	0	0	0	0
0.04928	0	0	0	0	0	0
0.019714	0	0	0	0	0	0
0.02867	0	0	0	0	0	0
0.027699	0	0	0	0	0	0
0.035905	0	0	0	0	0	0
0.029658	0	0	0	0	0	0
0.032623	0	0	0	0	0	0
0.018431	0	0	0	0	0	0
0.022635	0	0	0	0	0	0
0.039817	0	0	0	0	0	0
0.046186	0	0	0	0	0	0
0.027292	0	0	0	0	0	0
0.025143	0	0	0	0	0	0
0.02182	0	0	0	0	0	0
0.102689	0	0	0	0	0	0
0.022065	0	0	0	0	0	0
0.02041	0	0	0	0	0	0
0.012056	0	0	0	0	0	0
0.013942	0	0	0	0	0	0
0.02588	0	0	0	0	0	0
0.024092	0	0	0	0	0	0
0.0425	0	0	0	0	0	0

0.076594	0	0	0	0	0	0
0.048224	0	0	0	0	0	0
0.03385	0	0	0	0	0	0
0.010343	0	0	0	0	0	0
0.022816	0	0	0	0	0	0
0.142029	0	0	0	0	0	0
0.265469	0	0	0	0	0	0
0.156547	0	0	0	0	0	0
0.278183	0	0	0	0	0	0
0.119135	0	0	0	0	0	0
0.770649	0	0	0	0	0	0
0.404977	0	0	0	0	0	0
0.327027	0	0	0	0	0	0
0.011579	0	0	0	0	0	0
0.004775	0	0	0	0	0	0
0.004247	0	0	0	0	0	0
0.005983	0	0	0	0	0	0
0.005702	0	0	0	0	0	0
0.003909	0	0	0	0	0	0
0.004058	0	0	0	0	0	0
0.017245	0	0	0	0	0	0
0.025736	0	0	0	0	0	0
0.003033	0	0	0	0	0	0
0.003754	0	0	0	0	0	0
0.001442	0	0	0	0	0	0
0.002434	0	0	0	0	0	0
0.001658	0	0	0	0	0	0
0.002744	0	0	0	0	0	0
0.001618	0	0	0	0	0	0
0.001185	0	0	0	0	0	0
0.001647	0	0	0	0	0	0
0.001662	0	0	0	0	0	0
0.001362	0	0	0	0	0	0
0.003711	0	0	0	0	0	0
0.002641	0	0	0	0	0	0
0.000959	0	0	0	0	0	0
0.002806	0	0	0	0	0	0
0.00137	0	0	0	0	0	0
0.00113	0	0	0	0	0	0
0.001658	0	0	0	0	0	0
0.001543	0	0	0	0	0	0
0.040407	0	0	0	0	0	0
0.029718	0	0	0	0	0	0
0.023115	0	0	0	0	0	0
0.026495	0	0	0	0	0	0
0.0241	0	0	0	0	0	0
0.018177	0	0	0	0	0	0
0.062616	0	0	0	0	0	0
0.033089	0	0	0	0	0	0
0.049808	0	0	0	0	0	0

0.046416	0	0	0	0	0	0
0.049756	0	0	0	0	0	0
0.04316	0	0	0	0	0	0
0.048214	0	0	0	0	0	0
0.048478	0	0	0	0	0	0
0.021746	0	0	0	0	0	0
0.010586	0	0	0	0	0	0
0.013129	0	0	0	0	0	0
0.009555	0	0	0	0	0	0
0.009685	0	0	0	0	0	0
0.008425	0	0	0	0	0	0
0.025979	0	0	0	0	0	0
0.026365	0	0	0	0	0	0
0.037246	0	0	0	0	0	0
0.029167	0	0	0	0	0	0
0.017101	0	0	0	0	0	0
0.020343	0	0	0	0	0	0
0.049469	0	0	0	0	0	0
0.039848	0	0	0	0	0	0
0.034822	0	0	0	0	0	0
0.027661	0	0	0	0	0	0
0.054128	0	0	0	0	0	0
0.06356	0	0	0	0	0	0
0.055868	0	0	0	0	0	0
0.02404	0	0	0	0	0	0
0.018431	0	0	0	0	0	0
0.042353	0	0	0	0	0	0
0.03245	0	0	0	0	0	0
0.033774	0	0	0	0	0	0
0.028672	0	0	0	0	0	0
0.0083	0	0	0	0	0	0
0.036777	0	0	0	0	0	0
0.028384	0	0	0	0	0	0
0.041767	0	0	0	0	0	0
0.024987	0	0	0	0	0	0
0.036151	0	0	0	0	0	0
0.050858	0	0	0	0	0	0
0.036503	0	0	0	0	0	0
0.042383	0	0	0	0	0	0
0.403435	0	0	0	0	0	0
0.138527	0	0	0	0	0	0
0.191811	0	0	0	0	0	0
0.051079	0	0	0	0	0	0
0.052255	0	0	0	0	0	0
0.132014	0	0	0	0	0	0
0.051862	0	0	0	0	0	0
0.056737	0	0	0	0	0	0
0.04449	0	0	0	0	0	0
0.051109	0	0	0	0	0	0
0.041805	0	0	0	0	0	0

0.06408	0	0	0	0	0	0
0.060413	0	0	0	0	0	0
0.021868	0	0	0	0	0	0
0.011722	0.01	0	0	0	0	0
0.003766	0	0	0	0	0	0
0.034082	0.01	0	0	0	0	0
0.00735	0	0	0	0	0	0
0.007061	0	0	0	0	0	0
0.004224	0	0	0	0	0	0
0.003801	0	0	0	0	0	0
0.005669	0	0	0	0	0	0
0.015223	0	0	0	0	0	0
0.003108	0	0	0	0	0	0
0.005946	0	0	0	0	0	0
0.009629	0.01	0	0	0	0	0
0.032961	0	0	0	0	0	0
0.015688	0	0	0	0	0	0
0.017191	0	0	0	0	0	0
0.014134	0	0	0	0	0	0
0.011093	0	0	0	0	0	0
0.010849	0	0	0	0	0	0
0.02224	0	0	0	0	0	0
0.012544	0	0	0	0	0	0
0.017676	0	0	0	0	0	0
0.119543	0.03	0	0	0	0	0
0.027276	0	0	0	0	0	0
0.07299	0	0	0	0	0	0
0.021823	0	0	0	0	0	0
0.017769	0	0	0	0	0	0
0.018653	0	0	0	0	0	0
0.037258	0	0	0	0	0	0
0.000688	0	0	0	0	0	0
0.001109	0	0	0	0	0	0
0.000292	0	0	0	0	0	0
0.000316	0	0	0	0	0	0
0.000423	0	0	0	0	0	0
0.000652	0	0	0	0	0	0
0.004647	0	1	0	0	0	1
0.002168	0	0	0	0	0	0
0.007349	0	0	0	0	0	0
0.003331	0	0	0	0	0	0
0.002253	0	0	0	0	0	0
0.002528	0	0	0	0	0	0
0.005354	0	0	0	0	10	10
0.004776	0	10	0	0	0	10
0.009096	0	13	0	0	4	17
0.004284	0	4	0	0	0	4
0.006334	0	0	18	9	17	44
0.001623	0	11	0	32	0	43
0.002676	0	0	42	17	0	59

0.000774	0	0	0	12	0	12
0.001051	0	0	0	0	9	9
0.001362	0	9	0	12	33	54
0.00629	0	33	7	8	13	61
0.000019	0	0	0	0	0	0
0.000388	0.04	0	0	0	0	0
0.028712	0	0	0	0	0	0
0.014888	0	1	0	0	0	1
0.03722	0	0	0	0	0	0
0.011236	0	0	0	0	0	0
0.065758	0.01	0	0	0	0	0
0.000996	0	0	0	0	0	0
0.008052	0	0	0	0	0	0
0.004148	0	0	0	0	0	0
0.016842	0	0	0	0	0	0
0.043892	0	0	0	0	0	0
0.008235	0	0	0	0	0	0
0.039284	0	0	0	0	0	0
0.010324	0	0	0	0	1	1
0.033684	0	0	0	0	0	0
0.003279	0	0	0	0	0	0
0.002899	0	0	0	0	0	0
0.004127	0	0	0	0	0	0
0.005486	0	0	0	0	0	0
0.009582	0	0	0	0	0	0
0.003087	0	0	0	0	0	0
0.003116	0	0	0	0	0	0
0.038237	0	0	0	0	0	0
0.254532	0	0	0	0	0	0
0.010254	0	0	0	0	0	0
0.008243	0	0	0	0	0	0
0.006114	0	0	0	0	0	0
0.007	0	0	0	0	0	0
0.00591	0	0	0	0	0	0
0.005377	0	0	0	0	0	0
0.005891	0	0	0	0	0	0
0.017129	0	0	0	0	0	0
0.008627	0	0	0	0	0	0
0.000545	0	0	18	0	0	18
0.00024	0	0	0	0	0	0
0.000142	0	0	0	0	0	0
0.001627	0	0	0	0	0	0
0.000695	0	0	0	0	0	0
0.000913	0	0	0	0	0	0
0.000389	0	0	0	0	0	0
0.000221	0	0	0	0	11	11
0.00017	0	11	0	0	0	11
0.001642	0	0	0	0	0	0
0.001449	0	0	0	0	0	0
0.000197	0	0	0	0	0	0

0.00088	0	0	0	0	0	0
0.000284	0	0	0	0	0	0
0.000484	0	0	0	0	0	0
0.000337	0	0	0	0	0	0
0.000792	0	0	0	8	0	8
0.000795	0	0	0	14	0	14
0.002847	0	0	25	33	0	58
0.000318	0	0	0	0	0	0
0.024515	0	0	0	0	0	0
0.004471	0	0	0	0	0	0
0.002977	0	0	0	0	0	0
0.011124	0	0	3	0	0	3
0.00424	0	0	0	0	1	1
0.005707	0	1	1	1	0	3
0.007232	0	0	0	0	0	0
0.003406	0	0	0	0	0	0
0.002807	0	0	0	1	10	11
0.064315	0	0	11	1	0	12
0.003063	0	0	0	0	3	3
0.013125	0	0	0	0	0	0
0.003494	0	3	0	0	0	3
0.007712	0	0	4	0	0	4
0.006042	0	0	8	0	0	8
0.005243	0	0	0	0	1	1
0.076948	0	1	0	6	0	7
0.036134	0	0	4	0	0	4
0.029895	0	0	0	0	0	0
0.002271	0	0	0	0	0	0
0.001847	0	0	0	0	0	0
0.003326	0	0	0	0	0	0
0.001646	0	0	0	0	0	0
0.003086	0	0	0	0	0	0
0.004953	0	0	0	0	0	0
0.003061	0	0	0	0	0	0
0.005976	0	0	0	0	0	0
0.003238	0	0	0	0	0	0
0.012865	0	0	0	0	0	0
0.00511	0	0	0	0	0	0
0.002123	0	0	0	0	0	0
0.002621	0	0	0	0	0	0
0.008423	0	0	0	0	0	0
0.003202	0	0	0	0	0	0
0.002628	0	0	0	0	0	0
0.001653	0	0	0	0	0	0
0.002933	0	0	0	0	0	0
0.004103	0	0	0	0	0	0
0.003286	0	0	0	0	0	0
0.012456	0	0	0	0	0	0
0.008519	0	0	0	0	0	0
0.011208	0	0	0	0	0	0

0.006071	0	0	0	0	0	0
0.003101	0	0	0	0	0	0
0.005418	0	0	0	0	0	0
0.107899	0	0	0	0	0	0
0.044912	0	0	0	0	0	0
0.01193	0	0	0	0	0	0
0.012535	0	0	0	0	0	0
0.02156	0	0	0	0	0	0
0.000375	0	0	0	0	0	0
0.000109	0	0	0	0	0	0
0.0013	0	0	0	0	0	0
0.006093	0	0	0	0	0	0
0.000467	0	0	0	0	0	0
0.050349	0	0	0	0	0	0
0.032715	0	0	0	0	0	0
0.036671	0	0	0	0	0	0
0.04536	0	0	0	0	0	0
0.037732	0	0	0	0	0	0
0.032929	0	0	0	0	0	0
0.054222	0	0	0	0	0	0
0.056808	0	0	0	0	0	0
0.049455	0	0	0	0	0	0
0.029469	0	0	0	0	0	0
0.034205	0	0	0	0	0	0
0.065351	0	0	0	0	0	0
0.041207	0	0	0	0	0	0
0.06138	0	0	0	0	0	0
0.029838	0	0	0	0	0	0
0.02902	0	0	0	0	0	0
0.18336	0	0	0	0	0	0
0.169715	0	0	0	0	0	0
0.039854	0	0	0	0	0	0
0.054712	0	0	0	0	0	0
0.029257	0	0	0	0	0	0
0.054813	0	0	0	0	0	0
0.06751	0	0	0	0	0	0
0.057249	0	0	0	0	0	0
0.042594	0	0	0	0	0	0
0.026672	0	0	0	0	0	0
0.026077	0	0	0	0	0	0
0.033154	0	0	0	0	0	0
0.018944	0	0	0	0	0	0
0.050978	0	0	0	0	0	0
0.031919	0	0	0	0	0	0
0.045724	0	0	0	0	0	0
0.033795	0	0	0	0	0	0
0.012291	0	0	0	0	0	0
0.0133	0	0	0	0	0	0
0.015027	0	0	0	0	0	0
0.013139	0	0	0	0	0	0



0.009799	0	0	0	0	0	0
0.009473	0	0	0	0	0	0
0.00942	0	0	0	0	0	0
0.026839	0	0	0	0	0	0
0.052916	0	0	0	0	0	0
0.019333	0	0	0	0	0	0
0.026856	0	0	0	0	0	0
0.03479	0	0	0	0	0	0
0.039615	0	0	0	0	0	0
0.035199	0	0	0	0	0	0
0.027171	0	0	0	0	0	0
0.017622	0	0	0	0	0	0
0.022096	0	0	0	0	0	0
0.055653	0	0	0	0	0	0
0.110425	0	0	0	0	5	5
0.125246	0	5	0	0	0	5
0.041263	0	0	0	0	0	0
0.045287	0	0	0	0	0	0
0.039724	0	0	0	0	0	0
0.070766	0	0	0	0	0	0
0.064275	0	0	0	0	0	0
0.022303	0	0	0	0	0	0
0.032711	0	0	0	0	0	0
0.047902	0	0	0	0	0	0
0.043394	0	0	0	0	0	0
0.021837	0	0	0	0	0	0
0.152392	0	0	0	0	0	0
0.110184	0	0	0	0	0	0
0.068116	0	0	0	0	0	0
0.109533	0	0	0	0	0	0
0.084912	0	0	0	0	0	0
0.068656	0	0	0	0	0	0
0.036368	0	0	0	0	0	0
0.03281	0	0	0	0	0	0
0.032758	0	0	0	0	0	0
0.021651	0	0	0	0	0	0
0.048175	0	0	0	0	0	0
0.020053	0	0	0	0	0	0
0.015031	0	0	0	0	0	0
0.033125	0	0	0	0	0	0
0.033889	0	0	0	0	0	0
0.015523	0	0	0	0	0	0
0.027001	0	0	0	0	0	0
0.037472	0	0	0	0	0	0
0.028902	0	0	0	0	0	0
0.013968	0	0	0	0	0	0
0.018931	0	0	0	0	0	0
0.014821	0	0	0	0	0	0
0.030115	0	0	0	0	0	0
0.023372	0	0	0	0	0	0

0.014813	0	0	0	0	0	0
0.031385	0	0	0	0	0	0
0.028431	0	0	0	0	0	0
0.031949	0	0	0	0	0	0
0.015193	0	0	0	0	0	0
0.012834	0	0	0	0	0	0
0.0161	0	0	0	0	0	0
0.011468	0	0	0	0	0	0
0.006638	0	0	0	0	0	0
0.008196	0	0	0	0	0	0
0.011086	0	0	0	0	0	0
0.000622	0	0	0	0	0	0
0.001873	0	0	0	0	0	0
0.087594	0	0	0	0	0	0
0.185604	0	0	0	0	0	0
0.051301	0	0	0	0	0	0
0.044544	0	0	0	0	0	0
0.076836	0	0	0	0	0	0
0.016186	0	0	0	0	0	0
0.013412	0	0	0	0	0	0
0.013252	0	0	0	0	0	0
0.010959	0	0	0	0	0	0
0.028192	0	0	0	0	0	0
0.015911	0	0	0	0	0	0
0.025237	0	0	0	0	0	0
0.024398	0	0	0	0	0	0
0.022949	0	0	0	0	0	0
0.020765	0	0	0	0	0	0
0.016395	0	0	0	0	0	0
0.009724	0	0	0	0	0	0
0.008446	0	0	0	0	0	0
0.017503	0	0	0	0	0	0
0.060528	0	0	0	0	0	0
0.06749	0	0	0	0	0	0
0.058963	0	0	0	0	0	0
0.038147	0	0	0	0	0	0
0.056819	0	0	0	0	0	0
0.968378	0	0	0	0	0	0
0.441007	0	0	0	0	0	0
0.078054	0	0	0	0	0	0
0.112674	0	0	0	0	0	0
0.030945	0	0	0	0	0	0
0.02991	0	0	0	0	0	0
0.020434	0	0	0	0	0	0
0.0466	0.12	0	0	0	0	0
0.027344	0	0	0	0	0	0
0.03615	0.02	0	0	0	0	0
0.038859	0	0	0	0	0	0
0.040944	0	0	0	0	0	0
0.085632	0	0	0	0	0	0

0.032157	0	0	0	0	0	0
0.004953	0	0	0	0	0	0
0.049298	0	0	0	0	0	0
0.053674	0	0	0	0	0	0
0.017898	0	0	0	0	0	0
0.022421	0	0	0	0	0	0
0.009367	0	0	0	0	0	0
0.024983	0	0	0	0	0	0
0.024646	0	0	0	0	0	0
0.031879	0	0	0	0	0	0
0.035322	0	0	0	0	0	0
0.040801	0	0	0	0	0	0
0.068834	0	0	0	0	0	0
0.079712	0	0	0	0	0	0
0.01505	0	0	0	0	0	0
0.125366	0.01	0	0	0	0	0
0.057175	0	0	0	0	0	0
0.03775	0	0	0	0	0	0
0.045383	0	0	0	0	0	0
0.041429	0	0	0	0	0	0
0.031571	0	0	0	0	0	0
0.030835	0	0	0	0	0	0
0.049486	0	0	0	0	0	0
0.037653	0	0	0	0	0	0
0.081372	0	0	0	0	0	0
0.025661	0	0	0	0	0	0
0.031995	0	0	0	0	0	0
0.120045	0	0	0	0	0	0
0.056604	0	0	0	0	0	0
0.064571	0	0	0	0	0	0
0.060732	0	0	0	0	0	0
0.095441	0	0	0	0	0	0
0.072822	0	0	0	0	0	0
0.113616	0	0	0	0	0	0
0.07397	0	0	0	0	0	0
0.04564	0	0	0	0	0	0
0.07839	0	0	0	0	0	0
0.056677	0	0	0	0	0	0
0.042904	0	0	0	0	0	0
0.079459	0	0	1	5	0	6
0.052408	0	0	0	0	0	0
0.092304	0	0	0	0	0	0
0.049217	0	0	0	0	0	0
0.150679	0.01	0	0	0	4	4
0.12893	0.01	4	0	0	0	4
0.055497	0	0	0	0	0	0
0.041873	0	0	0	7	0	7
0.143468	0	0	0	0	0	0
0.053784	0	0	0	0	0	0
0.048795	0	0	0	0	0	0

0.043446	0	0	0	0	0	0
0.0857	0	0	0	0	0	0
0.078964	0	0	0	0	0	0
0.159936	0	0	0	0	0	0
0.013847	0	0	0	0	0	0
0.00412	0	0	0	0	0	0
0.004598	0	0	0	0	0	0
0.006873	0	0	0	0	0	0
0.004805	0	0	0	0	0	0
0.004297	0	0	0	0	0	0
0.002843	0	0	0	0	0	0
0.004211	0	0	0	0	0	0
0.004072	0	0	0	0	0	0
0.004112	0	0	0	0	0	0
0.003178	0	0	0	0	0	0
0.008948	0	0	0	0	0	0
0.011303	0	0	0	0	0	0
0.096223	0	0	0	0	0	0
0.037301	0	0	0	0	0	0
0.024587	0	0	0	0	0	0
0.0062	0	0	0	0	0	0
0.00656	0	0	0	0	0	0
0.01023	0	0	0	0	0	0
0.004769	0	0	0	0	0	0
0.004767	0	0	0	0	0	0
0.015755	0	0	0	0	0	0
0.007257	0	0	0	0	0	0
0.018294	0	0	0	0	0	0
0.027249	0	0	0	0	0	0
0.025471	0	0	0	0	0	0
0.043742	0	0	0	0	0	0
0.014184	0	0	0	0	0	0
0.068155	0	0	0	0	0	0
0.158909	0	0	0	0	0	0
0.125848	0	0	0	0	0	0
0.112204	0	0	0	0	0	0
0.052519	0	0	0	0	0	0
0.037166	0	0	0	0	0	0
0.059747	0	0	0	0	0	0
0.027358	0	0	0	0	0	0
0.049065	0	0	0	0	0	0
0.075474	0	0	0	0	0	0
0.060007	0	0	0	0	0	0
0.063506	0	0	0	0	0	0
0.295209	0	0	0	0	0	0
0.117884	0	0	0	0	0	0
0.041137	0	0	0	0	0	0
0.109307	0	0	0	0	0	0
0.053975	0	0	0	0	0	0
0.047597	0	0	0	0	0	0

0.153119	0.01	0	0	0	0	0
0.080317	0	0	0	0	0	0
0.73817	0	0	0	0	0	0
0.067809	0	0	0	0	0	0
0.91042	0	0	0	0	0	0
0.040372	0	0	0	0	0	0
0.072489	0	0	0	0	0	0
0.039252	0	0	0	0	0	0
0.024159	0	0	0	0	0	0
0.045411	0	0	0	0	0	0
0.037549	0	0	0	0	0	0
0.020201	0	0	0	0	0	0
0.022926	0	0	0	0	0	0
0.015414	0	0	0	0	0	0
0.048066	0	0	0	0	0	0
0.060728	0	0	0	0	0	0
0.024558	0	0	0	0	0	0
0.123207	0	0	0	0	0	0
0.036029	0	0	0	0	0	0
0.051208	0	0	0	0	0	0
0.039113	0	0	0	0	0	0
0.046262	0	0	0	0	0	0
0.044711	0	0	0	0	0	0
0.047797	0	0	0	0	0	0
0.040731	0	0	0	0	0	0
0.051325	0	0	0	0	0	0
0.058312	0	0	0	0	0	0
0.072378	0	0	0	0	0	0
0.298718	0	0	0	0	0	0
0.068107	0	0	0	0	0	0
0.034849	0	0	0	0	0	0
0.072144	0	0	0	0	0	0
0.03231	0	0	0	0	0	0
0.03114	0	0	0	0	0	0
0.02241	0	0	0	0	0	0
0.04886	0	0	0	0	0	0
0.04428	0	0	0	0	0	0
0.0235	0	0	0	0	0	0
0.041273	0	0	0	0	0	0
0.015938	0	0	0	0	0	0
0.017814	0	0	0	0	0	0
0.203342	0	0	0	5	0	5
0.021246	0	0	0	0	0	0
0.031852	0	0	0	0	0	0
0.013458	0	0	0	0	0	0
0.024262	0	0	0	0	0	0
0.016876	0	0	0	0	0	0
0.023052	0	0	0	0	0	0
0.021994	0	0	0	0	0	0
0.026397	0	0	0	0	0	0

0.014869	0	0	0	0	0	0
0.049628	0	0	0	0	0	0
0.036975	0	0	0	0	0	0
0.015222	0	0	0	0	0	0
0.024728	0	0	0	0	0	0
0.023687	0	0	0	0	0	0
0.043446	0	0	0	0	0	0
0.049759	0	0	0	0	0	0
0.042258	0	0	0	0	0	0
0.169536	0	0	0	0	0	0
0.07475	0	0	0	0	0	0
0.315733	0	0	0	0	0	0
0.070445	0	0	0	0	0	0
0.077751	0	0	0	0	0	0
0.193545	0	0	0	0	0	0
0.078663	0	0	0	0	0	0
0.034063	0	0	0	0	0	0
0.029883	0	0	0	0	0	0
0.068225	0	0	0	0	0	0
0.030668	0	0	0	0	0	0
0.075411	0	0	0	0	5	5
0.154956	0	0	0	0	0	0
0.098502	0	0	0	0	0	0
0.150317	0	0	0	0	0	0
0.048839	0	0	0	0	0	0
0.294433	0.13	0	0	0	0	0
0.08444	0	0	0	0	0	0
0.108154	0	0	0	0	0	0
0.177416	0.03	0	0	0	0	0
0.048955	0	0	0	0	0	0
0.096432	0	0	0	0	0	0
0.269419	0.05	0	0	0	0	0
0.092283	0	0	0	0	0	0
0.099874	0	0	0	0	0	0
0.198533	0.03	0	0	0	0	0
0.300917	0.06	0	0	0	0	0
0.162655	0.03	0	0	0	0	0
0.210474	0.02	0	0	0	0	0
0.945376	0	0	0	0	0	0
0.020448	0	0	0	0	0	0
0.005132	0	0	0	0	0	0
0.0102	0	0	0	0	0	0
0.314598	0.06	0	0	0	0	0
0.020901	0	4	0	0	0	4
0.042894	0.05	0	0	0	0	0
0.023746	0	0	0	0	0	0
0.007673	0	0	0	0	0	0
0.078851	0	0	0	0	0	0
0.061385	0	0	0	0	0	0
0.051369	0	0	0	0	0	0

0.046132	0	0	0	0	0	0
0.138524	0	0	0	0	0	0
0.050145	0	0	0	0	0	0
0.246726	0	0	0	0	0	0
0.659532	0	0	0	0	0	0
0.161605	0	0	0	0	0	0
0.089113	0	0	0	0	0	0
0.076783	0	0	0	0	0	0
0.102789	0	0	0	0	0	0
0.077979	0	0	0	0	0	0
0.330969	0	0	0	0	0	0
0.365988	0	0	0	0	0	0
0.144319	0	0	0	0	0	0
0.042251	0	0	0	0	0	0
0.080413	0	0	0	0	0	0
0.049326	0	0	0	0	0	0
0.083595	0	0	0	0	0	0
0.022232	0	0	0	0	0	0
0.332398	0	0	0	0	0	0
0.258742	0.03	0	0	0	0	0
0.099874	0	0	0	0	0	0
0.10679	0	0	0	0	0	0
0.098179	0	0	0	0	0	0
0.057472	0	0	0	0	0	0
0.057918	0	0	0	0	0	0
0.046527	0	0	0	0	0	0
0.030344	0	0	0	0	0	0
0.034083	0	0	0	0	0	0
0.069481	0	0	0	0	0	0
0.05383	0	0	0	0	0	0
0.119116	0	0	0	0	0	0
0.054452	0	0	0	0	0	0
0.03388	0	0	0	0	0	0
0.044923	0	0	0	0	0	0
0.079888	0	0	0	0	0	0
0.086056	0	0	0	0	0	0
0.080446	0	0	0	0	0	0
0.17582	0	0	0	0	0	0
0.030904	0	0	0	0	0	0
0.031994	0	0	0	0	0	0
0.042826	0	0	0	0	2	2
0.027644	0	2	0	0	0	2
0.029722	0	0	0	0	0	0
0.070692	0	0	0	0	0	0
0.053941	0	0	0	0	0	0
0.018228	0	0	0	0	0	0
0.109155	0	0	0	0	0	0
0.027954	0	0	0	0	0	0
0.024979	0	0	0	0	0	0
0.009522	0	0	0	0	0	0

0.019535	0	0	0	0	0	0
0.022242	0	0	0	0	0	0
0.060061	0	0	0	0	0	0
0.031527	0	0	0	0	0	0
0.032453	0	0	0	0	0	0
0.048609	0	0	0	0	0	0
0.173134	0	0	0	0	0	0
0.101292	0	0	0	0	0	0
0.061394	0	0	0	0	0	0
0.143795	0	0	0	0	0	0
0.414721	0.06	0	0	0	0	0
0.005925	0	0	0	0	0	0
0.001783	0	0	0	0	0	0
0.001523	0	0	0	0	0	0
0.002302	0	0	0	0	0	0
0.001784	0	0	0	0	0	0
0.002998	0	0	0	0	0	0
0.000931	0	0	0	0	0	0
0.001637	0	0	0	0	0	0
0.001757	0	0	0	0	0	0
0.001714	0	0	0	0	0	0
0.004507	0	0	0	0	6	6
0.001826	0	6	0	0	0	6
0.002369	0	0	0	0	0	0
0.003385	0	0	0	0	0	0
0.010717	0	0	0	0	0	0
0.020433	0	0	0	0	0	0
0.017049	0	0	0	0	0	0
0.008938	0	0	0	0	0	0
0.007691	0	0	0	0	0	0
0.046562	0	0	0	0	0	0
0.009165	0	0	0	0	0	0
0.008526	0	0	0	0	0	0
0.011162	0	0	0	0	0	0
0.009802	0	0	0	0	0	0
0.017744	0	0	0	0	0	0
0.005151	0	0	0	0	0	0
0.004522	0	0	0	0	0	0
0.007152	0	0	0	0	0	0
0.025058	0	0	0	0	0	0
0.094956	0	0	0	0	0	0
0.04601	0	0	0	0	0	0
0.047956	0	0	0	0	0	0
0.074619	0	0	0	0	0	0
0.035305	0	0	0	0	0	0
0.028917	0	0	0	0	0	0
0.02276	0	0	0	0	0	0
0.108437	0	0	0	0	0	0
0.03639	0	0	0	0	0	0
0.093534	0	0	0	0	0	0



0.024166	0	0	0	0	0	0
0.065434	0	0	0	0	0	0
0.045217	0	0	0	0	0	0
0.068461	0	0	0	0	0	0
0.053925	0	0	0	0	0	0
0.023564	0	0	0	0	0	0
0.053468	0	0	0	0	0	0
0.056546	0	0	0	0	0	0
0.018796	0	0	0	0	0	0
0.056572	0	0	0	0	0	0
0.04766	0	0	0	0	0	0
0.10037	0.03	0	0	0	0	0
0.080256	0	0	0	0	0	0
0.121407	0	0	0	0	0	0
0.129496	0	0	0	0	0	0
0.052896	0	0	0	0	0	0
0.019592	0	0	0	0	0	0
0.06331	0	0	0	0	0	0
0.184557	0	0	0	0	0	0
0.179135	0	0	0	0	0	0
0.011129	0	0	0	0	0	0
0.152831	0	0	0	0	0	0
0.039147	0	0	0	0	0	0
0.255712	0	0	0	0	0	0
0.039121	0	0	0	0	0	0
0.361755	0	0	0	0	0	0
0.242449	0	0	0	0	0	0
0.026767	0	0	0	0	0	0
0.017943	0	0	0	0	0	0
0.022523	0	0	0	0	0	0
0.013497	0	0	0	0	0	0
0.011963	0	0	0	0	0	0
0.013966	0	0	0	0	0	0
0.015271	0	0	0	0	0	0
0.015215	0	0	0	0	0	0
0.010151	0	0	0	0	0	0
0.009352	0	0	0	0	0	0
0.007608	0	0	0	0	0	0
0.015292	0	0	0	0	0	0
0.015411	0	0	0	0	0	0
0.010013	0	0	0	0	0	0
0.026649	0	0	0	0	0	0
0.018805	0	0	0	0	0	0
0.010739	0	0	0	0	0	0
0.015031	0	0	0	0	0	0
0.013307	0	0	0	0	0	0
0.008479	0	0	0	0	0	0
0.01595	0	0	0	0	0	0
0.027398	0	0	0	0	0	0
0.026856	0	0	0	0	0	0

0.017984	0	0	0	0	0	0
0.052764	0	0	0	0	10	10
0.017713	0	10	0	0	11	21
0.1051	0	11	0	0	10	21
0.056381	0	10	0	0	0	10
0.107132	0	0	0	0	0	0
0.09772	0	0	0	0	0	0
0.037861	0	0	0	0	1	1
0.043913	0	0	0	0	1	1
0.01679	0	1	0	0	0	1
0.019208	0	0	0	0	0	0
0.097121	0	1	0	0	0	1
0.084861	0	0	0	0	0	0
0.024998	0	0	0	0	0	0
0.018576	0	0	0	0	0	0
0.020321	0	0	0	0	0	0
0.021037	0	0	0	0	0	0
0.02654	0	0	0	0	0	0
0.285038	0	0	0	0	0	0
0.073398	0	0	0	0	0	0
0.401927	0	0	0	0	0	0
0.327676	0	0	0	0	0	0
0.335064	0	0	0	0	0	0
0.055121	0	0	0	0	0	0
0.181557	0	0	0	0	0	0
0.047901	0	0	0	0	0	0
0.060342	0	0	0	0	0	0
0.113347	0.11	0	0	0	0	0
0.108476	0	0	0	0	0	0
0.091575	0	0	0	0	0	0
0.033246	0	0	0	0	0	0
0.058209	0	0	0	0	0	0
0.357254	0.01	0	0	0	0	0
0.27877	0	0	0	0	0	0
0.102705	0	0	0	0	0	0
0.035551	0	0	0	0	0	0
0.056659	0	0	0	0	0	0
0.061505	0	0	0	0	0	0
0.055764	0	0	0	0	0	0
0.081297	0	0	0	0	0	0
0.011432	0	0	0	0	0	0
0.260609	0	0	0	0	0	0
0.002632	0	0	0	0	0	0
0.024099	0	0	0	0	0	0
0.003247	0	0	0	0	0	0
0.034317	0	0	0	0	0	0
0.076707	0	0	0	0	0	0
0.008519	0	0	0	0	0	0
0.005366	0	0	0	0	0	0
0.005052	0	0	0	0	0	0

0.003968	0	0	0	0	0	0
0.002835	0	0	0	0	0	0
0.002703	0	0	0	0	0	0
0.002925	0	0	0	0	0	0
0.012614	0	0	0	0	0	0
0.018491	0	0	0	0	0	0
0.013708	0	0	0	0	0	0
0.177614	0	0	0	0	0	0
0.104719	0	0	0	0	0	0
0.032798	0	0	0	0	0	0
0.025348	0	0	0	0	0	0
0.077172	0	0	0	0	0	0
0.024945	0	0	0	0	0	0
0.02191	0	0	0	0	0	0
0.021628	0	0	0	0	0	0
0.026773	0	0	0	0	0	0
0.010696	0	0	0	0	0	0
0.018927	0	0	0	0	0	0
0.013697	0	0	0	0	0	0
0.044923	0	0	0	0	0	0
0.014565	0	0	0	0	0	0
0.014165	0	0	0	0	0	0
0.007881	0	0	0	0	0	0
0.010956	0	0	0	0	0	0
0.012571	0	0	0	0	0	0
0.003832	0	0	0	0	0	0
0.009384	0	0	0	0	0	0
0.002802	0	0	0	0	0	0
0.002332	0	0	0	0	0	0
0.002177	0	0	0	0	0	0
0.002021	0	0	0	0	0	0
0.001608	0	0	0	0	0	0
0.001416	0	0	0	0	0	0
0.016757	0	0	0	0	0	0
0.00267	0	0	0	0	0	0
0.0058	0	0	0	0	0	0
0.003181	0	0	0	0	0	0
0.003069	0	0	0	0	0	0
0.005688	0	0	0	0	0	0
0.009475	0	0	0	0	0	0
0.016796	0	0	0	0	0	0
0.00879	0	0	0	0	0	0
0.003803	0	0	0	0	0	0
0.003637	0	0	0	0	0	0
0.009615	0	0	0	0	0	0
0.014496	0	0	0	0	0	0
0.008819	0	0	0	0	0	0
0.00533	0	0	0	0	0	0
0.016564	0	0	0	0	0	0
0.182153	0	0	0	0	0	0

0.060535	0	0	0	0	0	0
0.013636	0	0	0	4	0	4
0.001202	0	0	0	0	0	0
0.0068	0	0	0	0	0	0
0.000505	0	0	0	0	3	3
0.007239	0	3	0	0	0	3
0.00617	0	0	0	0	0	0
0.007773	0	0	0	0	0	0
0.05676	0	0	0	0	0	0
0.029116	0	0	0	0	0	0
0.009433	0	0	0	0	0	0
0.018734	0	0	0	0	0	0
0.045123	0	0	0	0	0	0
0.051982	0	0	0	0	0	0
0.008323	0	0	0	0	0	0
0.005388	0	0	0	0	0	0
0.003636	0	0	0	0	0	0
0.001671	0	0	0	0	0	0
0.001884	0	0	0	0	0	0
0.000722	0	0	0	0	0	0
0.001128	0	0	0	0	0	0
0.002343	0	0	0	0	0	0
0.003067	0	0	0	0	0	0
0.000959	0	0	0	0	0	0
0.006332	0	0	0	0	0	0
0.020505	0	0	0	0	0	0
0.046867	0	0	0	0	0	0
0.041134	0	0	0	0	0	0
0.13098	0	0	0	0	0	0
0.022923	0	0	0	0	0	0
0.177686	0.03	0	0	6	0	6
0.186387	0	0	0	0	0	0
0.031208	0	0	0	0	0	0
0.039639	0	0	0	0	0	0
0.932977	0	0	0	0	0	0
0.236723	0	0	0	0	0	0
0.159282	0	0	0	0	0	0
0.018486	0	0	0	0	0	0
0.028711	0	0	0	0	0	0
0.062328	0	0	0	0	0	0
0.628881	0.08	0	0	0	0	0
0.05872	0	0	0	0	0	0
0.235015	0.01	0	0	0	0	0
0.010048	0	0	0	0	0	0
0.005525	0	0	0	0	0	0
0.002971	0	0	0	0	0	0
0.001411	0	0	0	0	0	0
0.001165	0	0	0	0	0	0
0.001017	0	0	0	0	0	0
0.001484	0	0	0	0	0	0

0.001805	0	0	0	0	0	0
0.001221	0	0	0	0	0	0
0.037576	0	0	0	0	0	0
0.017616	0	0	0	0	0	0
0.151094	0	0	0	0	0	0
0.211802	0	0	0	0	0	0
0.034704	0	0	0	0	0	0
0.07621	0	0	0	0	0	0
0.358804	0.04	0	0	0	0	0
0.01601	0	0	0	0	0	0
0.188275	0	0	0	0	0	0
0.005511	0	0	0	0	0	0
0.023217	0	0	0	0	0	0
0.007027	0	0	0	0	0	0
0.021954	0	0	0	0	0	0
0.010014	0	0	0	0	0	0
0.013447	0	0	0	0	0	0
0.010126	0	0	0	0	0	0
0.030111	0	0	0	0	0	0
0.080703	0	0	0	0	0	0
0.014623	0	0	0	0	0	0
0.002799	0	0	0	0	0	0
0.00212	0	0	0	0	0	0
0.005549	0	0	0	0	0	0
0.007153	0	0	0	0	0	0
0.005111	0	0	0	0	0	0
0.005401	0	0	0	0	0	0
0.011259	0	0	0	0	0	0
0.047477	0	0	0	0	0	0
0.019118	0	0	0	0	0	0
0.035479	0	0	0	0	0	0
0.052629	0	0	0	0	0	0
0.038992	0	0	0	0	0	0
0.058677	0	0	0	0	0	0
0.057865	0	0	0	0	0	0
0.138852	0	0	0	0	0	0
0.272595	0	0	0	0	0	0
0.024407	0	0	0	0	0	0
0.035583	0	0	0	0	0	0
0.024356	0	0	0	0	0	0
0.021004	0	0	0	0	0	0
0.05185	0	0	0	0	0	0
0.077498	0	0	0	0	0	0
0.042097	0	0	0	0	0	0
0.034501	0	0	0	0	0	0
0.056033	0	0	0	0	0	0
0.012174	0	0	0	0	0	0
0.003608	0	0	0	0	0	0
0.01388	0	0	0	0	0	0
0.008555	0	0	0	0	0	0

0.002738	0	0	0	0	0	0
0.004246	0	0	0	0	0	0
0.006989	0	0	0	0	0	0
0.004498	0	0	0	0	0	0
0.011006	0	0	0	0	0	0
0.004106	0	0	0	0	0	0
0.00579	0	0	0	0	0	0
0.017127	0	0	0	0	0	0
0.027029	0	0	0	0	0	0
0.014077	0	0	0	0	0	0
0.162645	0	0	0	0	0	0
0.008349	0	0	0	0	0	0
0.015255	0	0	0	0	0	0
0.009565	0	0	0	0	0	0
0.014657	0	0	0	0	0	0
0.008968	0	0	0	0	0	0
0.010984	0	0	0	0	0	0
0.007121	0	0	0	0	0	0
0.060665	0.09	0	0	0	0	0
0.065686	0	0	0	0	0	0
0.007082	0	0	0	0	0	0
0.009037	0	0	0	0	0	0
0.003415	0	0	0	0	0	0
0.002273	0	0	0	0	0	0
0.001847	0	0	0	0	0	0
0.00401	0	0	0	0	0	0
0.002973	0	0	0	0	0	0
0.006732	0	0	0	0	0	0
0.00171	0	0	0	0	0	0
0.00111	0	0	0	0	0	0
0.001789	0	0	0	0	0	0
0.002008	0	0	0	0	0	0
0.015259	0.01	0	0	0	0	0
0.061419	0	0	0	0	0	0
0.050938	0	0	0	0	0	0
0.07282	0	0	0	0	0	0
0.05683	0	0	0	0	0	0
0.041698	0	0	0	0	0	0
0.060044	0	0	0	0	0	0
0.076841	0	0	0	0	0	0
0.129092	0	0	0	0	0	0
0.113272	0	0	0	0	0	0
0.026936	0	0	0	0	0	0
0.079214	0	0	0	0	0	0
0.054347	0	0	0	0	0	0
0.106548	0	0	0	0	0	0
0.051464	0	0	0	0	0	0
0.056182	0	0	0	0	0	0
0.079	0	0	0	0	0	0
0.145888	0	0	0	0	0	0

0.151924	0	0	0	0	0	0
0.007469	0	0	0	0	0	0
0.000823	0	0	0	0	0	0
0.006687	0	0	0	0	0	0
0.002071	0	0	0	0	0	0
0.005485	0	0	0	0	0	0
0.004998	0	0	0	0	0	0
0.01216	0	0	0	1	0	1
0.107787	0	0	0	0	0	0
0.003688	0	5	0	0	0	5
0.002198	0	3	0	0	0	3
0.001318	0	0	0	0	0	0
0.001257	0	0	0	0	0	0
0.001165	0	0	0	0	0	0
0.000385	0	0	0	0	0	0
0.000902	0	0	0	0	0	0
0.0781	0	0	0	0	0	0
0.026045	0	0	0	0	0	0
0.019666	0	0	0	0	0	0
0.021051	0	0	0	0	0	0
0.016275	0	0	0	0	0	0
0.009112	0	0	0	0	0	0
0.037242	0	0	0	0	0	0
0.023122	0	0	0	0	0	0
0.036835	0	0	0	0	0	0
0.046895	0	0	0	0	0	0
0.029206	0	0	0	0	0	0
0.021835	0	0	0	0	0	0
0.026646	0	0	0	0	0	0
0.032067	0	0	0	0	0	0
0.024236	0	0	0	0	0	0
0.019004	0	0	0	0	0	0
0.011108	0	0	0	0	0	0
0.040788	0	0	0	0	0	0
0.00963	0	0	0	0	0	0
0.006403	0	0	0	0	0	0
0.007033	0	0	0	0	0	0
0.012951	0	0	5	0	0	5
0.002614	0	0	0	0	0	0
0.013302	0	0	0	0	0	0
0.00536	0	0	0	0	0	0
0.012607	0	0	0	0	0	0
0.007447	0	0	0	0	0	0
0.006482	0	0	0	0	0	0
0.021482	0	0	0	0	0	0
0.005714	0	0	0	0	0	0
0.005033	0	0	0	0	0	0
0.006044	0	0	0	0	0	0
0.00659	0	0	0	0	0	0
0.004667	0	0	0	0	0	0

0.051035	0	0	0	0	0	0
0.031902	0	0	0	0	0	0
0.009259	0	0	0	0	0	0
0.008946	0	0	0	0	0	0
0.008237	0	0	0	0	0	0
0.01699	0	0	0	0	0	0
0.035533	0	0	0	0	0	0
0.007945	0	0	0	0	0	0
0.016427	0	0	0	0	0	0
0.015253	0	0	0	0	0	0
0.012196	0	0	0	0	0	0
0.029574	0	0	0	0	0	0
0.021799	0	0	0	0	0	0
0.032867	0	0	0	0	0	0
0.021395	0	0	0	0	0	0
0.086612	0	0	0	0	0	0
0.028785	0	0	0	0	0	0
0.039845	0	0	0	0	0	0
0.022854	0	0	0	0	0	0
0.021119	0	0	6	0	0	6
0.012858	0	0	0	0	0	0
0.003359	0	0	0	0	0	0
0.002852	0	0	0	0	0	0
0.004179	0	0	0	0	0	0
0.003924	0	0	0	0	0	0
0.003242	0	0	0	0	0	0
0.002527	0	0	0	0	0	0
0.003552	0	0	0	0	0	0
0.007529	0	0	0	0	0	0
0.00712	0	0	0	0	0	0
0.006836	0	0	0	0	0	0
0.004565	0	0	0	0	0	0
0.04028	0	0	0	0	0	0
0.012042	0	0	0	0	0	0
0.010964	0	0	0	5	0	5
0.009212	0	0	0	0	0	0
0.009485	0	0	0	0	0	0
0.00954	0	0	0	0	0	0
0.015461	0	0	0	0	0	0
0.00616	0	0	0	0	0	0
0.002272	0	0	0	0	0	0
0.001798	0	0	0	0	0	0
0.00284	0	0	0	0	0	0
0.00194	0	0	0	0	0	0
0.001943	0	0	0	0	0	0
0.000982	0	0	0	0	0	0
0.002145	0	0	0	0	0	0
0.004625	0	0	0	0	0	0
0.006781	0	0	0	0	0	0
0.006353	0	0	0	0	5	5



0.00582	0	5	0	0	0	5
0.003518	0	0	0	0	0	0
0.003184	0	0	0	0	0	0
0.011127	0	0	0	0	0	0
0.001882	0	0	0	0	0	0
0.014336	0	0	0	0	0	0
0.00106	0	0	0	0	0	0
0.000811	0	0	0	0	0	0
0.000914	0	0	0	0	0	0
0.000772	0	0	0	0	0	0
0.007881	0	0	0	0	2	2
0.014489	0	2	0	2	0	4
0.002404	0	0	0	0	0	0
0.003182	0	0	0	0	0	0
0.003403	0	0	0	0	0	0
0.001889	0	0	0	0	0	0
0.001468	0	0	0	0	0	0
0.00119	0	0	0	0	0	0
0.001608	0	0	0	0	0	0
0.001123	0	0	0	0	0	0
0.001068	0	0	0	0	0	0
0.139777	0	0	0	0	0	0
0.178606	0	0	0	0	0	0
0.018581	0	0	0	0	0	0
0.033717	0	0	0	0	0	0
0.014553	0	0	0	0	0	0
0.052068	0	0	0	0	0	0
0.043139	0	0	0	0	0	0
0.035419	0	0	0	0	0	0
0.061732	0	0	0	0	0	0
0.007696	0	0	0	0	0	0
0.013151	0	0	0	0	0	0
0.019298	0	0	0	0	0	0
0.015918	0	0	0	0	0	0
0.010705	0	0	0	0	0	0
0.086704	0	0	0	0	0	0
0.006016	0	0	0	0	0	0
0.006248	0	0	0	0	0	0
0.009094	0	0	0	0	0	0
0.006105	0	0	0	0	0	0
0.007173	0	0	0	0	0	0
0.012171	0	0	0	0	0	0
0.004563	0	0	0	0	0	0
0.02061	0	0	0	0	0	0
0.035902	0	0	0	0	0	0
0.023288	0	0	0	0	0	0
0.054434	0	0	0	0	0	0
0.062584	0	0	0	0	0	0
0.036269	0	0	0	0	0	0
0.012394	0	0	0	0	0	0

0.01451	0	0	0	0	0	0
0.013182	0	0	0	0	0	0
0.010879	0	0	0	0	0	0
0.034262	0	0	0	0	0	0
0.040191	0	0	0	0	0	0
0.037394	0	0	0	0	0	0
0.039686	0	0	0	0	0	0
0.040212	0	0	0	0	0	0
0.020246	0	0	0	0	0	0
0.024223	0	0	0	0	0	0
0.037111	0	0	0	0	0	0
0.098721	0	0	0	0	0	0
0.052657	0	0	0	0	0	0
0.030382	0	0	0	0	0	0
0.033139	0	0	0	0	0	0
0.055304	0	0	0	0	0	0
0.04295	0	0	0	0	0	0
0.045217	0	0	0	0	0	0
0.053742	0	0	0	0	0	0
0.047545	0	0	0	0	0	0
0.070138	0	0	0	0	0	0
0.180096	0	0	0	0	0	0
0.109893	0	0	0	0	0	0
0.110436	0	0	0	0	0	0
0.065493	0	0	0	0	0	0
0.012934	0	0	0	0	0	0
0.011635	0	0	0	0	0	0
0.137663	0	0	0	0	0	0
0.172014	0	0	0	0	0	0
0.274767	0	0	0	0	0	0
0.016078	0	0	0	0	0	0
0.025548	0	0	0	0	0	0
0.033504	0	0	0	0	0	0
0.00729	0	0	0	0	0	0
0.013866	0	0	0	0	0	0
0.008259	0	0	0	0	0	0
0.01147	0	0	0	0	0	0
0.009085	0	0	0	0	0	0
0.009142	0	0	0	0	0	0
0.005985	0	0	0	0	0	0
0.058303	0	0	0	0	0	0
0.019399	0	0	0	0	0	0
0.11464	0	0	0	0	0	0
0.165431	0	0	0	0	0	0
0.329647	0	0	0	0	0	0
0.32401	0	0	0	0	0	0
0.508636	0	0	0	0	0	0
0.215707	0	0	0	0	0	0
0.542454	0.27	0	0	0	0	0
0.231767	0	0	0	0	0	0

0.13918	0	0	3	0	0	3
0.260206	0	0	0	0	0	0
0.695881	0.24	0	0	0	0	0
0.754617	0.49	0	0	0	0	0
0.477426	0.16	0	0	0	0	0
0.008615	0	0	0	0	0	0
0.03421	0	1	0	0	0	1
0.498772	0	0	0	0	0	0
0.025082	0	0	0	0	0	0
0.006879	0	0	0	0	0	0
0.005308	0	0	0	0	0	0
0.011331	0	0	0	0	0	0
0.022644	0	0	0	0	0	0
0.055822	0	0	0	0	0	0
0.046288	0	0	0	0	0	0
0.009336	0	0	0	0	0	0
0.005169	0	0	0	0	1	1
0.029989	0	0	0	0	0	0
0.038647	0	0	0	0	0	0
0.029962	0	0	0	0	0	0
0.031499	0	0	0	0	0	0
0.050716	0	0	0	0	0	0
0.070398	0	0	0	0	0	0
0.034891	0	0	0	0	0	0
0.057518	0	0	0	0	0	0
0.03334	0	0	0	0	0	0
0.03059	0	0	0	0	0	0
0.011535	0	0	0	0	0	0
0.006572	0	0	0	0	0	0
0.015612	0	0	0	0	0	0
0.017429	0	0	0	0	0	0
0.007691	0	0	0	0	0	0
0.012689	0	0	0	0	0	0
0.010071	0	0	0	0	0	0
0.007806	0	0	0	0	0	0
0.006443	0	0	0	0	1	1
0.004941	0	1	0	0	0	1
0.006657	0	0	0	0	0	0
0.024944	0	0	0	0	0	0
0.013987	0	0	0	0	0	0
0.004538	0	0	0	0	0	0
0.068187	0	0	0	0	0	0
0.013322	0	0	0	0	0	0
0.009533	0	0	0	0	0	0
0.00724	0	0	0	0	0	0
0.004912	0	0	0	0	0	0
0.006093	0	0	0	0	0	0
0.005997	0	0	0	0	0	0
0.003572	0	0	0	0	0	0
0.00337	0	0	0	0	0	0

0.00542	0	0	0	0	0	0
0.004398	0	0	0	0	0	0
0.004474	0	0	0	0	0	0
0.006275	0	0	0	0	0	0
0.008075	0	0	0	0	0	0
0.002097	0	0	0	0	0	0
0.004541	0	0	0	0	0	0
0.002857	0	0	0	0	0	0
0.003631	0	0	0	0	0	0
0.001756	0	0	0	0	0	0
0.001407	0	0	0	0	0	0
0.003011	0	0	0	0	0	0
0.006334	0	0	0	0	0	0
0.001383	0	0	0	0	0	0
0.012998	0	0	0	0	0	0
0.001528	0	0	0	0	0	0
0.008195	0	0	0	0	0	0
0.001512	0	0	0	0	0	0
0.006823	0	0	0	0	0	0
0.006351	0	0	0	0	0	0
0.021336	0	0	0	0	0	0
0.009992	0	0	0	0	0	0
0.007051	0	0	0	0	0	0
0.007738	0	0	0	0	0	0
0.006953	0	0	0	0	0	0
0.005342	0	0	0	0	0	0
0.014608	0	0	0	0	0	0
0.026187	0.01	0	0	0	0	0
0.005995	0	0	0	0	0	0
0.006544	0	0	0	0	0	0
0.004164	0	0	0	0	0	0
0.074441	0	0	0	0	0	0
0.06928	0.01	0	0	0	0	0
0.014436	0	0	0	0	0	0
0.012404	0	0	0	0	0	0
0.044285	0	0	0	0	0	0
0.00504	0	0	0	0	0	0
0.002592	0	0	0	0	0	0
0.007393	0	0	0	0	0	0
0.000924	0	0	0	0	0	0
0.001558	0	0	0	0	0	0
0.008808	0	0	0	0	0	0
0.001008	0	0	0	0	0	0
0.001519	0	0	0	0	0	0
0.002649	0.02	0	0	0	0	0
0.045792	0	0	0	0	0	0
0.140036	0	0	0	0	0	0
0.048607	0	0	0	0	0	0
0.032779	0	0	0	0	0	0
0.030169	0	0	0	0	0	0

0.070642	0	0	0	0	0	0
0.038361	0	0	0	0	0	0
0.012073	0	0	0	0	0	0
0.008104	0	0	0	0	0	0
0.002704	0	0	0	0	0	0
0.003841	0	0	0	0	0	0
0.008659	0	0	0	0	0	0
0.007127	0	0	0	0	0	0
0.001936	0	0	0	0	0	0
0.013538	0	0	0	0	0	0
0.049907	0	0	0	0	0	0
0.011591	0	0	0	0	0	0
0.034506	0	0	0	0	0	0
0.004873	0	0	0	0	0	0
0.009971	0	0	0	0	0	0
0.018898	0	0	0	0	0	0
0.006571	0	0	0	0	0	0
0.035978	0	0	0	0	0	0
0.016122	0	0	0	0	0	0
0.008706	0	0	0	0	0	0
0.475311	0	0	0	0	0	0
0.007882	0	0	0	0	0	0
0.006462	0	0	0	0	0	0
0.017285	0	0	0	0	0	0
0.01746	0	0	0	0	0	0
0.012393	0	0	0	0	0	0
0.016033	0	0	0	0	0	0
0.015623	0	0	0	0	0	0
0.017692	0	0	0	0	0	0
0.012696	0	0	0	0	0	0
0.009604	0	0	0	0	0	0
0.010659	0	0	0	0	0	0
0.014344	0	0	0	0	0	0
0.005111	0	0	0	0	0	0
0.042128	0	0	0	0	0	0
0.01146	0	0	0	0	0	0
0.012453	0	0	0	0	4	4
0.017065	0	4	0	0	0	4
0.012304	0	0	0	0	0	0
0.00711	0	0	0	0	0	0
0.008673	0	0	0	0	0	0
0.007015	0	0	0	0	0	0
0.013202	0	0	0	0	0	0
0.013837	0	0	0	0	0	0
0.013654	0	0	0	0	0	0
0.009615	0	0	0	0	0	0
0.01157	0	0	0	0	0	0
0.009354	0	0	0	0	0	0
0.008013	0	0	0	0	0	0
0.005233	0	0	0	0	0	0

0.009292	0	0	0	0	0	0
0.05625	0	0	0	0	0	0
0.040588	0	0	0	0	0	0
0.031449	0	0	0	0	0	0
0.038516	0	0	0	0	0	0
0.034258	0	0	0	0	0	0
0.028139	0	0	0	0	0	0
0.031264	0	0	0	0	6	6
0.213379	0	6	1	1	0	8
0.194564	0	0	0	0	0	0
0.034904	0	0	0	0	0	0
0.016749	0	0	0	0	0	0
0.061668	0	0	0	0	0	0
0.018456	0	0	0	0	0	0
0.016877	0	0	0	0	0	0
0.012007	0	0	0	0	0	0
0.015082	0	0	0	0	0	0
0.01376	0	0	0	0	0	0
0.018419	0	0	0	0	0	0
0.020105	0	0	0	0	0	0
0.052976	0	0	0	0	0	0
0.188668	0	0	0	0	0	0
0.010636	0	0	0	0	0	0
0.031253	0	0	0	0	0	0
0.105986	0	0	0	0	0	0
0.045496	0	0	0	0	0	0
0.031641	0	0	0	0	0	0
0.067841	0	0	0	0	0	0
0.033839	0	0	0	0	0	0
0.247061	0	0	0	0	0	0
0.031296	0	0	0	0	0	0
0.031349	0	0	0	0	0	0
0.04064	0	0	0	0	0	0
0.033303	0	0	0	0	0	0
0.04669	0	0	0	0	0	0
0.037849	0	0	0	0	0	0
0.039929	0	0	0	0	0	0
0.134631	0	0	0	0	0	0
0.006023	0	0	0	0	0	0
0.005888	0	0	0	0	0	0
0.006714	0	0	0	0	0	0
0.004887	0	0	0	0	0	0
0.004528	0	0	0	0	0	0
0.00888	0	0	0	0	0	0
0.047369	0	0	0	0	0	0
0.009451	0	0	0	0	0	0
0.006017	0	0	0	0	0	0
0.009943	0	0	0	0	0	0
0.057105	0	0	0	0	0	0
0.016569	0	0	0	0	0	0

0.006209	0	0	0	0	0	0
0.007653	0	0	0	0	0	0
0.007492	0	0	0	1	0	1
0.007517	0	0	0	0	0	0
0.002347	0	0	0	0	0	0
0.002854	0	0	0	0	0	0
0.004717	0.01	0	0	0	0	0
0.002876	0	0	0	0	0	0
0.001634	0	0	0	0	0	0
0.002095	0	0	0	0	0	0
0.026151	0.05	0	0	0	0	0
0.050345	0	0	0	0	0	0
0.062212	0	0	0	0	0	0
0.00651	0	0	0	0	0	0
0.005637	0	0	0	0	0	0
0.007192	0	0	0	0	0	0
0.046441	0	0	0	0	0	0
0.124015	0.01	0	0	0	0	0
0.046408	0	0	0	0	0	0
0.019126	0	0	0	0	0	0
0.059436	0	0	0	0	0	0
0.085765	0	0	0	0	0	0
0.069246	0	0	0	0	0	0
0.078216	0	0	0	0	0	0
0.071147	0	0	0	0	0	0
0.075979	0.01	0	0	0	0	0
0.049348	0	0	0	0	0	0
0.054876	0	0	0	0	0	0
0.033361	0	0	0	0	0	0
0.047384	0	0	0	0	0	0
0.039889	0	0	0	0	0	0
0.064775	0	0	0	0	0	0
0.031127	0	0	0	0	0	0
0.037216	0	0	0	0	0	0
0.093503	0	0	0	0	0	0
0.072274	0	0	0	0	0	0
0.044801	0	0	0	0	0	0
0.052121	0	0	0	0	0	0
0.03106	0	0	0	0	0	0
0.027418	0	0	0	0	0	0
0.043097	0	0	0	0	0	0
0.026234	0	0	0	0	0	0
0.027848	0	0	0	0	0	0
0.029613	0	0	0	0	0	0
0.027882	0	0	0	0	1	1
0.015683	0	1	0	0	0	1
0.018221	0	0	0	0	0	0
0.055011	0	0	0	0	0	0
0.090009	0	0	0	0	0	0
0.01692	0	0	0	0	0	0

0.019485	0	0	0	0	0	0
0.014296	0	0	0	0	0	0
0.015797	0	0	0	0	0	0
0.029777	0	0	0	0	0	0
0.044489	0	0	0	0	0	0
0.05332	0	0	0	0	0	0
0.058411	0	0	0	0	0	0
0.060574	0	0	0	0	0	0
0.043534	0	0	0	0	0	0
0.074964	0	0	0	0	0	0
0.036355	0	0	0	0	5	5
0.02585	0	0	0	0	0	0
0.020486	0	0	0	0	0	0
0.012743	0	0	0	0	0	0
0.026041	0	0	3	2	0	5
0.01258	0	0	0	0	0	0
0.010658	0	0	0	0	6	6
0.013465	0	6	0	0	0	6
0.002756	0	5	0	0	0	5
0.023393	0	0	0	0	0	0
0.011121	0	0	0	0	0	0
0.003435	0	0	0	0	0	0
0.007895	0	0	0	2	0	2
0.005939	0	0	0	0	0	0
0.02691	0	0	0	0	0	0
0.047346	0	0	0	0	0	0
0.017459	0	0	0	0	0	0
0.020551	0	0	0	0	0	0
0.019273	0	0	0	0	0	0
0.031283	0	0	0	0	0	0
0.01673	0	0	0	0	0	0
0.025349	0	0	0	0	0	0
0.011234	0	0	0	0	0	0
0.028467	0	0	0	0	0	0
0.023894	0	0	0	0	0	0
0.020394	0	0	0	0	0	0
0.01759	0	0	0	0	0	0
0.024498	0	0	0	0	0	0
0.015124	0	0	0	0	0	0
0.031626	0	0	0	0	0	0
0.329724	0.06	0	0	0	0	0
0.071765	0	0	0	0	0	0
0.098341	0	0	7	0	0	7
0.015146	0	0	0	0	0	0
0.006832	0	0	0	0	0	0
0.003595	0	0	0	0	0	0
0.002475	0	0	0	0	0	0
0.019918	0	0	3	3	0	6
0.003608	0	0	0	0	0	0
0.001762	0	0	0	0	0	0



0.003732	0	0	0	0	0	0
0.002633	0	0	0	0	0	0
0.009045	0	0	0	0	0	0
0.009217	0	0	0	0	0	0
0.005981	0	0	0	0	0	0
0.008635	0	0	0	0	0	0
0.025634	0	0	0	0	0	0
0.014964	0	0	0	0	0	0
0.035622	0	0	0	0	0	0
0.076959	0	0	0	0	0	0
0.075723	0	0	0	0	0	0
0.07645	0	0	0	0	0	0
0.053942	0	0	0	0	0	0
0.019326	0	0	0	0	0	0
0.065703	0	0	0	0	0	0
0.146802	0	0	0	0	0	0
0.084237	0	0	0	0	0	0
0.075519	0	0	0	0	0	0
0.021133	0	0	0	0	0	0
0.024532	0	0	0	0	0	0
0.030199	0	0	0	0	0	0
0.049808	0	0	0	0	0	0
0.011895	0	0	0	0	0	0
0.005756	0	0	0	0	0	0
0.003245	0	0	0	0	0	0
0.005063	0	0	0	0	0	0
0.009444	0	0	0	0	0	0
0.009673	0	0	0	0	0	0
0.012022	0	0	0	0	0	0
0.006959	0	0	0	0	0	0
0.005447	0	0	0	0	0	0
0.006621	0	0	0	0	0	0
0.004172	0	0	0	0	0	0
0.005918	0	0	0	0	0	0
0.004447	0	0	0	0	0	0
0.004268	0	0	0	0	0	0
0.009063	0	0	0	0	0	0
0.009713	0	0	0	0	0	0
0.004386	0	0	0	0	0	0
0.004603	0	0	0	0	0	0
0.005923	0	0	0	0	0	0
0.008113	0	0	0	0	0	0
0.014933	0.01	0	0	0	0	0
0.018565	0	0	0	0	0	0
0.003016	0	0	0	0	0	0
0.012122	0	0	0	0	0	0
0.005783	0	0	0	0	0	0
0.019478	0	0	0	0	0	0
0.005462	0	0	0	0	0	0
0.019887	0	0	0	0	0	0

0.325695	0	0	0	0	0	0
0.398149	0	0	0	0	0	0
0.201447	0	0	0	0	0	0
0.092109	0	0	0	0	0	0
0.04414	0	0	0	0	0	0
0.002373	0	2	0	0	0	2
0.000996	0	0	0	0	0	0
0.00104	0	0	0	0	0	0
0.000656	0	0	0	0	0	0
0.005948	0	0	0	0	0	0
0.00056	0	0	0	0	0	0
0.024528	0	0	0	0	0	0
0.033367	0	0	0	0	0	0
0.011228	0	0	0	0	0	0
0.002851	0	0	0	0	0	0
0.001915	0	0	0	0	0	0
0.00248	0	0	0	0	0	0
0.013291	0	0	0	0	0	0
0.704447	0	0	7	0	0	7
0.280374	0.43	0	0	0	0	0
0.000732	0	0	0	0	0	0
0.001281	0	0	0	0	0	0
0.000638	0	0	0	0	0	0
0.003852	0	0	0	0	0	0
0.001225	0	0	0	0	0	0
0.001129	0	0	0	0	0	0
0.001593	0	0	0	0	0	0
0.001399	0	0	0	0	0	0
0.001868	0	0	0	0	0	0
0.029368	0	0	0	0	0	0
0.01876	0	0	0	0	0	0
0.367291	0.11	0	0	0	0	0
0.332285	0.08	0	0	0	0	0
0.013802	0	0	0	0	0	0
0.010116	0	0	0	0	0	0
0.021254	0.01	0	0	0	0	0
0.014343	0	0	0	0	0	0
0.015993	0	0	0	0	0	0
0.011042	0	0	0	0	0	0
0.016042	0.01	0	0	0	0	0
0.008092	0	0	0	0	0	0
0.013946	0	0	0	0	0	0
0.006387	0	0	0	0	0	0
0.54984	0.09	0	0	0	0	0
0.02767	0	0	0	0	0	0
0.026287	0	0	0	0	0	0
0.04275	0	0	0	0	0	0
0.026138	0	0	0	0	0	0
0.031519	0	0	0	0	0	0
0.059348	0	0	0	0	0	0

0.039407	0	0	0	0	0	0
0.041866	0	0	0	0	0	0
0.033782	0	0	0	0	0	0
0.064024	0	0	0	0	0	0
0.053158	0	0	0	0	0	0
0.030063	0	0	0	0	0	0
0.039571	0	0	0	0	0	0
0.023819	0	0	0	0	0	0
0.006379	0	0	0	0	0	0
0.010002	0	0	0	0	0	0
0.024995	0	0	0	0	0	0
0.035529	0	0	0	0	0	0
0.0476	0	0	0	0	0	0
0.03915	0	0	0	0	0	0
0.066215	0	0	0	0	0	0
0.006261	0	0	0	0	0	0
0.346654	0	0	0	0	0	0
0.108504	0	0	0	0	0	0
0.316163	0	0	0	0	0	0
0.029135	0	0	0	0	0	0
0.050534	0	0	0	0	0	0
0.022537	0	0	0	0	0	0
0.032647	0	0	0	0	0	0
0.039771	0	0	0	0	0	0
0.021577	0	0	0	0	0	0
0.066186	0	0	0	0	0	0
0.074285	0	0	0	0	0	0
0.050153	0	0	0	0	0	0
0.027206	0	0	0	0	0	0
0.026099	0	0	0	0	0	0
0.018161	0	0	0	0	0	0
0.017696	0	0	0	0	0	0
0.017471	0	0	0	0	0	0
0.011695	0	0	0	0	0	0
0.023805	0	0	0	0	0	0
0.015504	0	0	0	0	0	0
0.021932	0	0	0	0	0	0
0.019439	0	0	0	0	0	0
0.032544	0	0	0	0	0	0
0.00966	0	0	0	0	0	0
0.008852	0	0	0	0	0	0
0.029265	0	0	0	0	0	0
0.074635	0	0	0	0	0	0
0.020713	0	0	0	0	0	0
0.031636	0	0	0	0	0	0
0.016827	0	0	0	0	0	0
0.535838	0.11	0	0	0	0	0
0.063966	0	0	0	0	0	0
0.073518	0	0	0	0	0	0
0.035013	0	0	0	0	0	0

0.050356	0	0	0	0	0	0
0.016929	0	0	0	0	0	0
0.001493	0	0	5	0	0	5
0.00951	0	0	0	0	0	0
0.00957	0	0	0	0	0	0
0.017025	0	0	0	0	0	0
0.007631	0	0	0	0	0	0
0.017697	0	0	0	0	0	0
0.012671	0	0	0	0	0	0
0.009333	0	0	0	0	0	0
0.155884	0.08	0	0	0	0	0
0.010466	0	0	0	0	0	0
0.011126	0	0	0	0	0	0
0.011943	0	0	0	0	0	0
0.009399	0	0	0	0	0	0
0.011275	0	0	0	0	0	0
0.020572	0	0	0	0	0	0
0.007354	0	0	0	0	0	0
0.006902	0	0	0	0	0	0
0.006721	0	0	0	0	0	0
0.037984	0	0	0	0	0	0
0.184835	0	0	0	0	0	0
0.01586	0	0	0	0	0	0
0.005263	0	0	0	0	0	0
0.015238	0	0	0	0	0	0
0.00829	0	0	0	0	0	0
0.011935	0	0	0	0	0	0
0.247863	0	0	0	0	0	0
0.310938	0	0	0	0	0	0
0.152305	0.11	0	0	6	0	6
0.00858	0	0	0	0	0	0
0.01399	0	0	0	0	0	0
0.143585	0.17	0	0	0	0	0
0.010836	0	0	0	0	0	0
0.03616	0	0	0	0	0	0
0.010588	0	14	0	0	0	14
0.052101	0	0	0	0	0	0
0.081697	0	0	0	0	0	0
0.013059	0	0	0	0	0	0
0.021884	0	0	0	0	0	0
0.025402	0	0	0	0	0	0
0.026017	0	0	0	0	0	0
0.007757	0	0	0	0	0	0
0.007616	0	0	0	0	0	0
0.011659	0	0	0	0	0	0
0.069753	0.04	0	0	1	0	1
0.172387	0	0	27	8	14	49
0.054637	0	0	0	0	0	0
0.062888	0	0	0	0	0	0
0.068205	0	0	0	0	0	0

0.12144	0	0	0	0	0	0
0.070656	0	0	0	0	0	0
0.070335	0	0	0	0	0	0
0.063578	0	0	0	0	0	0
0.199119	0.03	0	0	0	0	0
0.063872	0	0	0	0	0	0
0.04302	0	0	0	0	0	0
0.0611	0	0	0	0	0	0
0.035317	0	0	0	0	0	0
0.039415	0	0	0	0	0	0
0.056121	0	0	0	0	0	0
0.029007	0	0	0	0	0	0
0.033592	0	0	0	0	0	0
0.038852	0	0	0	0	0	0
0.046229	0	0	0	0	0	0
0.044685	0	0	0	0	0	0
0.024772	0	0	0	0	0	0
0.041723	0	0	0	0	0	0
0.025494	0	0	0	0	0	0
0.016337	0	0	0	0	0	0
0.267572	0.06	0	0	0	0	0
0.02345	0	0	0	0	0	0
0.016998	0	0	0	0	0	0
0.02055	0	0	0	0	0	0
0.013168	0	0	0	0	0	0
0.011681	0	0	0	0	0	0
0.015883	0	0	0	0	0	0
0.042144	0	0	0	0	0	0
0.008413	0	0	0	0	0	0
0.018646	0	0	0	0	0	0
0.016297	0	0	0	0	0	0
0.015157	0	0	0	0	0	0
0.014372	0	0	0	0	0	0
0.019503	0	0	0	0	0	0
0.011376	0	0	0	0	0	0
0.047439	0	0	0	0	0	0
0.05589	0	0	0	0	0	0
0.042047	0	0	0	0	0	0
0.004427	0	0	0	0	0	0
0.065408	0.01	2	0	0	0	2
0.016444	0	0	0	0	0	0
0.012524	0	0	0	0	0	0
0.024916	0	0	0	0	0	0
0.057165	0	0	0	0	0	0
0.068364	0	0	0	0	0	0
0.049102	0	0	0	0	0	0
0.061485	0	0	0	0	0	0
0.039422	0	0	0	0	0	0
0.030554	0	0	0	0	0	0
0.07661	0	0	0	0	0	0

0.093586	0	0	0	0	0	0
0.269497	0	0	0	0	0	0
0.05208	0	0	0	0	0	0
0.050521	0	0	0	0	0	0
0.000376	0	0	0	0	0	0
0.000722	0	0	0	0	0	0
0.000758	0	0	0	0	0	0
0.001584	0	0	0	0	0	0
0.000599	0	0	0	0	0	0
0.002298	0	0	0	0	0	0
0.002175	0	0	0	0	0	0
0.006931	0.01	0	0	0	0	0
0.002446	0	0	0	0	0	0
0.001196	0	0	0	0	0	0
0.018075	0	0	0	0	0	0
0.001376	0	0	0	0	0	0
0.003481	0	0	0	0	0	0
0.002861	0	0	0	0	0	0
0.004887	0	0	0	0	0	0
0.018747	0	0	0	0	0	0
0.029299	0	0	0	0	0	0
0.021325	0	0	0	0	0	0
0.043682	0	0	0	0	0	0
0.014133	0	0	0	0	0	0
0.023352	0	0	0	0	0	0
0.018695	0	0	0	0	0	0
0.005739	0	0	0	0	0	0
0.034017	0	0	0	0	0	0
0.068131	0	0	0	0	0	0
0.043931	0	0	0	0	0	0
0.063142	0	0	0	0	0	0
0.030763	0	0	0	0	0	0
0.015708	0	0	0	0	0	0
0.023278	0	0	0	0	0	0
0.008667	0	0	0	0	0	0
0.008217	0	0	0	0	0	0
0.015208	0	0	0	0	0	0
0.008402	0	0	0	0	0	0
0.011229	0	0	0	0	0	0
0.007543	0	0	0	0	0	0
0.002937	0	0	0	0	0	0
0.00229	0	0	0	0	0	0
0.003695	0	0	0	0	0	0
0.006172	0	0	0	0	0	0
0.005626	0	0	0	0	0	0
0.001267	0	0	0	0	0	0
0.023502	0	0	0	0	0	0
0.005914	0	0	0	0	0	0
0.002049	0	0	0	0	0	0
0.010235	0	0	0	0	0	0

0.015124	0	0	0	0	0	0
0.004125	0	0	0	0	0	0
0.001882	0	0	0	0	4	4
0.002563	0	4	0	0	0	4
0.007493	0	0	0	0	1	1
0.004582	0	1	0	0	0	1
0.008171	0	0	0	0	0	0
0.021893	0	0	0	0	0	0
0.007265	0	0	0	0	0	0
0.121479	0	0	0	0	0	0
0.010007	0	0	0	0	0	0
0.01184	0	0	0	0	0	0
0.007751	0	0	0	0	0	0
0.003484	0	0	0	0	0	0
0.000355	0	0	0	0	0	0
0.077603	0	0	0	0	0	0
0.053248	0	0	0	0	0	0
0.096594	0	0	0	0	0	0
0.068399	0	0	0	6	0	6
0.041162	0	0	0	0	0	0
0.037205	0	0	0	0	0	0
0.048446	0	0	0	0	0	0
0.060352	0	0	0	0	0	0
0.066803	0	0	0	0	0	0
0.055375	0	0	0	0	0	0
0.007544	0	0	0	0	0	0
0.993563	0	0	0	0	0	0
0.009358	0	0	0	0	0	0
0.004535	0	0	0	0	0	0
0.003063	0	0	0	0	0	0
0.003851	0	0	0	0	0	0
0.002811	0	0	0	0	0	0
0.002597	0	0	0	0	0	0
0.002949	0	0	0	0	0	0
0.003877	0	0	0	0	0	0
0.001606	0	0	0	0	0	0
0.001279	0	0	0	0	0	0
0.008924	0	0	0	0	0	0
0.006753	0	0	0	0	0	0
0.001698	0	0	0	0	0	0
0.002475	0	0	0	0	0	0
0.002403	0	0	0	0	0	0
0.005731	0	0	0	0	0	0
0.002733	0	0	0	0	0	0
0.001454	0	0	0	0	0	0
0.001142	0	0	0	0	0	0
0.001973	0	0	0	0	0	0
0.002047	0	0	0	0	0	0
0.000998	0	0	0	0	0	0
0.001037	0	0	0	0	0	0

0.00162	0	0	0	0	0	0
0.001069	0	0	0	0	0	0
0.000906	0	0	0	0	0	0
0.010014	0	0	0	0	0	0
0.006493	0	0	0	0	0	0
0.067202	0	0	0	0	0	0
0.047789	0	0	0	0	0	0
0.062395	0	0	0	0	0	0
0.054884	0	0	0	0	0	0
0.049921	0	0	0	0	0	0
0.048779	0	0	0	0	0	0
0.015475	0	0	0	0	0	0
0.009907	0	0	0	0	0	0
0.005489	0	0	0	0	0	0
0.007104	0	0	0	0	0	0
0.007072	0	0	0	0	0	0
0.054638	0	0	0	0	0	0
0.031143	0	0	0	0	0	0
0.025921	0	0	0	0	0	0
0.034412	0	0	0	0	0	0
0.033189	0	0	0	0	0	0
0.020058	0	0	0	0	0	0
0.015449	0	0	0	0	0	0
0.019912	0	0	0	0	0	0
0.601326	0	0	0	0	0	0
0.056292	0	0	0	0	0	0
0.053826	0	0	0	0	0	0
0.036953	0	0	0	0	0	0
0.009467	0	0	0	0	0	0
0.007179	0	0	0	0	0	0
0.024461	0	0	0	0	0	0
0.020178	0	0	0	0	0	0
0.142063	0	0	0	0	0	0
0.013301	0	0	0	0	0	0
0.017319	0	0	0	0	0	0
0.030134	0	0	0	0	0	0
0.034598	0	0	0	0	0	0
0.013186	0	0	0	0	0	0
0.010791	0	0	0	0	0	0
0.017608	0	0	0	0	0	0
0.083405	0	0	0	0	0	0
0.060733	0	0	0	0	0	0
0.050861	0	0	0	0	0	0
0.064443	0	0	0	0	0	0
0.057839	0	0	0	0	0	0
0.031396	0	0	0	0	0	0
0.026652	0	0	0	0	0	0
0.035366	0	0	0	0	0	0
0.058651	0	0	0	0	0	0
0.056531	0	0	0	0	0	0



0.055219	0	0	0	0	0	0
0.074357	0	0	0	0	0	0
0.060978	0	0	0	0	0	0
0.048931	0	0	0	0	0	0
0.004075	0	0	0	0	0	0
0.044555	0	0	0	0	0	0
0.026452	0	0	0	0	0	0
0.041754	0	0	0	0	0	0
0.067571	0	0	0	0	0	0
0.064407	0	0	0	0	0	0
0.055065	0	0	0	0	0	0
0.02045	0	0	0	0	0	0
0.024381	0	0	0	0	0	0
0.009682	0	0	0	0	0	0
0.002943	0	0	0	0	0	0
0.00311	0	0	0	0	0	0
0.035279	0	0	0	0	0	0
0.007705	0	0	0	0	0	0
0.011979	0	0	0	0	0	0
0.007507	0	0	0	0	0	0
0.008707	0	0	0	0	0	0
0.003935	0	0	0	0	0	0
0.011274	0	0	0	0	0	0
0.051953	0	0	0	0	0	0
0.046802	0	0	0	0	0	0
0.088441	0	0	0	0	0	0
0.039388	0	0	0	0	0	0
0.058887	0	0	0	0	0	0
0.055178	0	0	0	0	0	0
0.001747	0	0	0	0	0	0
0.006548	0	0	0	0	0	0
0.004717	0	0	0	0	0	0
0.001883	0	0	0	0	0	0
0.001187	0	0	0	0	0	0
0.001419	0	0	0	0	0	0
0.001135	0	0	0	0	0	0
0.000961	0	0	0	0	0	0
0.000981	0	0	0	0	0	0
0.001233	0	0	0	0	0	0
0.000921	0	0	0	0	0	0
0.002106	0	0	0	0	0	0
0.017117	0	0	0	0	0	0
0.013842	0	0	0	0	0	0
0.016068	0	0	0	0	0	0
0.014472	0	0	0	0	0	0
0.018875	0	0	0	0	0	0
0.019554	0	0	0	0	0	0
0.013765	0	0	0	0	0	0
0.186942	0	0	0	0	0	0
0.022869	0	0	0	0	0	0

0.006607	0	0	0	0	0	0
0.00421	0	0	0	0	0	0
0.00461	0	0	0	0	0	0
0.003757	0	0	0	0	0	0
0.017885	0	0	0	0	0	0
0.002354	0	0	0	0	0	0
0.00956	0	0	0	0	0	0
0.007067	0	0	0	0	0	0
0.006193	0	0	0	0	0	0
0.004544	0	0	0	0	0	0
0.003795	0	0	0	0	0	0
0.004349	0	0	0	0	0	0
0.006525	0	0	0	0	0	0
0.01259	0	0	0	0	0	0
0.010541	0	0	0	0	0	0
0.002699	0	0	0	0	0	0
0.004168	0	0	0	0	0	0
0.003156	0	0	0	0	0	0
0.002982	0	0	0	0	0	0
0.002925	0	0	0	0	0	0
0.001472	0	0	0	0	0	0
0.00407	0	0	0	0	0	0
0.006955	0	0	0	0	0	0
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0.009327	0	0	0	0	0	0
0.003008	0	0	0	0	0	0
0.016264	0	0	0	0	0	0
0.003887	0	0	0	0	0	0
0.008621	0	0	0	0	0	0
0.003872	0	0	0	0	0	0
0.016441	0.01	0	0	0	0	0
0.024479	0	0	0	0	0	0
0.01209	0	0	0	0	0	0
0.018122	0	0	0	0	0	0
0.024918	0	0	0	0	0	0
0.00602	0	0	0	0	0	0
0.026202	0	0	0	0	0	0
0.025294	0	0	0	0	0	0
0.009673	0	0	0	0	0	0
0.015367	0	0	0	0	0	0
0.011287	0	0	0	0	0	0
0.012149	0	0	0	0	0	0
0.018884	0	0	0	0	0	0
0.016728	0	0	0	0	0	0
0.016301	0	0	0	0	0	0
0.011531	0	0	0	0	0	0
0.039898	0	0	0	0	0	0
0.011544	0	0	0	0	0	0
0.017675	0	0	0	0	0	0

0.034576	0	0	0	0	0	0
0.076214	0	0	0	0	0	0
0.015709	0	0	0	0	0	0
0.013342	0	0	0	0	0	0
0.01052	0	0	0	0	0	0
0.014359	0	0	0	0	0	0
0.013835	0	0	0	0	0	0
0.001114	0	0	0	0	1	1
0.000086	0	0	4	4	8	16
0.000676	0	0	0	0	0	0
0.000105	0	0	0	0	8	8
0.001344	0	8	0	0	0	8
0.067476	0	0	0	0	0	0
0.063159	0	0	0	0	0	0
0.053913	0	0	0	0	0	0
0.069674	0	0	0	0	0	0
0.053665	0	0	0	0	0	0
0.046026	0	0	0	0	0	0
0.031761	0	0	0	0	0	0
0.019659	0	0	0	0	0	0
0.029554	0	0	0	0	0	0
0.020928	0	0	0	0	0	0
0.029298	0	0	0	0	0	0
0.028405	0	0	0	0	0	0
0.019239	0	0	0	0	0	0
0.019348	0	0	0	0	0	0
0.083181	0	0	0	0	0	0
0.114536	0	0	0	0	0	0
0.017891	0	0	0	0	0	0
0.033571	0	0	0	0	0	0
0.04479	0	0	0	0	0	0
0.08573	0	0	0	0	0	0
0.015903	0	0	0	0	0	0
0.039166	0	0	0	0	0	0
0.04553	0	0	0	0	0	0
0.055273	0	0	0	0	0	0
0.142324	0	0	0	0	0	0
0.289922	0	0	0	0	0	0
0.143875	0	0	0	0	0	0
0.051766	0	0	0	0	0	0
0.020571	0	0	0	0	0	0
0.010317	0	0	0	0	0	0
0.041614	0	0	0	0	0	0
0.014576	0	0	0	0	0	0
0.046528	0	0	0	0	0	0
0.018765	0	0	0	0	0	0
0.046073	0	0	0	0	0	0
0.043759	0	0	0	0	0	0
0.033612	0	0	0	0	0	0
0.017316	0	0	0	0	0	0

0.042642	0	0	0	1	0	1
0.06111	0	0	0	0	0	0
0.068129	0	0	0	0	0	0
0.103661	0	0	0	0	0	0
0.100793	0	0	0	0	0	0
0.02793	0	0	0	0	0	0
0.006742	0	0	0	0	0	0
0.006882	0	0	0	0	0	0
0.005655	0	0	0	0	0	0
0.016155	0	0	0	0	0	0
0.008823	0	0	0	0	0	0
0.010861	0	0	0	0	0	0
0.004451	0	0	0	0	0	0
0.004356	0	0	0	0	0	0
0.278299	0.03	0	0	0	0	0
0.061109	0	0	0	0	0	0
0.028881	0	0	0	0	0	0
0.052092	0	0	0	0	0	0
0.030831	0	0	0	0	0	0
0.015603	0	0	0	0	0	0
0.026834	0	0	0	0	0	0
0.054639	0	0	0	0	0	0
0.037586	0	0	0	0	0	0
0.047899	0	0	0	0	0	0
0.024347	0	0	0	0	0	0
0.018989	0	0	0	0	0	0
0.107363	0	0	0	0	0	0
0.021785	0	0	0	0	0	0
0.065713	0	0	0	0	0	0
0.014284	0	0	0	0	0	0
0.012578	0	0	0	0	0	0
0.010662	0	0	0	0	0	0
0.0142	0	0	0	0	0	0
0.009136	0	0	0	0	0	0
0.020645	0	0	0	0	0	0
0.029355	0	0	0	0	0	0
0.041618	0	0	0	0	0	0
0.01916	0	0	0	0	0	0
0.022542	0	0	0	0	0	0
0.029946	0	0	0	0	0	0
0.028682	0	0	0	0	0	0
0.021229	0	0	0	0	0	0
0.373482	0	0	0	0	0	0
0.026963	0	0	0	0	0	0
0.038919	0	0	0	0	0	0
0.271145	0	0	0	0	0	0
0.200559	0	0	0	0	0	0
0.12402	0	0	0	0	0	0
0.024629	0	0	0	0	0	0
0.032753	0	0	0	0	0	0

0.001486	0	0	0	0	0	0
0.002758	0	0	0	0	0	0
0.016312	0	0	0	0	0	0
0.002772	0	0	0	0	0	0
0.00267	0	0	0	0	0	0
0.03043	0.01	0	0	0	0	0
0.006189	0	0	0	0	0	0
0.001319	0	0	0	0	0	0
0.216862	0	0	0	0	0	0
0.003903	0	0	0	0	0	0
0.00314	0	0	0	0	0	0
0.001648	0	0	0	0	0	0
0.0173	0	0	0	0	0	0
0.018233	0	0	0	0	0	0
0.005519	0	0	0	0	0	0
0.013739	0	0	0	0	0	0
0.129915	0.06	0	0	0	0	0
0.021189	0	0	0	0	0	0
0.00318	0	0	0	0	0	0
0.004674	0	0	0	0	0	0
0.006933	0	0	0	0	0	0
0.111687	0	0	0	0	0	0
0.10564	0	0	0	0	0	0
0.05641	0	0	0	0	0	0
0.050724	0	0	0	0	0	0
0.059909	0	0	0	0	0	0
0.067979	0	0	0	0	0	0
0.051488	0	0	0	0	0	0
0.051899	0	0	0	0	0	0
0.042956	0	0	0	0	0	0
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0.120123	0	0	0	0	0	0
0.05837	0	0	0	0	0	0
0.101115	0	0	0	0	0	0
0.050754	0	0	0	0	0	0
0.064494	0	0	0	0	0	0
0.063626	0	0	0	0	0	0
0.090464	0	0	0	0	0	0
0.058839	0	0	0	0	0	0
0.042545	0	0	0	0	0	0
0.047341	0	0	0	0	0	0
0.113868	0	0	0	0	0	0
0.142832	0	0	0	0	0	0
0.009489	0	0	0	0	0	0
0.00466	0	0	0	0	0	0
0.008309	0	0	0	0	0	0
0.005601	0	0	0	0	0	0
0.012387	0	0	0	0	0	0
0.00659	0	0	0	0	0	0
0.012011	0	0	0	0	0	0

0.031777	0	0	0	0	0	0
0.022375	0	0	0	0	0	0
0.479651	0.12	0	0	0	0	0
0.012233	0	0	0	0	0	0
0.010642	0	0	0	0	0	0
0.006117	0	0	0	0	0	0
0.006373	0	0	0	0	0	0
0.008919	0	0	0	0	0	0
0.002639	0	0	0	0	0	0
0.035997	0	0	0	0	0	0
0.059272	0.08	0	7	4	0	11
0.006524	0	0	0	0	5	5
0.015738	0	5	0	0	0	5
0.031426	0	0	0	0	0	0
0.082432	0	0	0	8	0	8
0.018799	0	0	0	0	0	0
0.204431	0	0	0	0	0	0
0.018361	0	0	0	0	0	0
0.007008	0	0	0	0	0	0
0.040949	0	0	0	0	0	0
0.015016	0	0	0	0	0	0
0.048563	0.05	0	0	4	0	4
0.021153	0	0	0	0	0	0
0.139216	0	0	0	0	0	0
0.035056	0	0	0	0	0	0
0.028199	0	0	0	0	0	0
0.037181	0	0	0	0	0	0
0.028332	0	0	0	0	0	0
0.020222	0	0	0	0	0	0
0.019162	0	0	0	0	0	0
0.022503	0	0	0	0	0	0
0.056472	0	0	0	0	0	0
0.042485	0	0	0	0	0	0
0.041184	0	0	0	0	0	0
0.039431	0	0	0	0	0	0
0.066533	0	0	0	0	0	0
0.045749	0	0	0	0	0	0
0.054368	0	0	0	0	0	0
0.038885	0	0	0	0	0	0
0.03333	0	0	0	0	0	0
0.026007	0	0	0	0	0	0
0.036446	0	0	0	0	0	0
0.030411	0	0	0	0	0	0
0.032349	0	0	0	0	0	0
0.037987	0	0	0	0	0	0
0.030367	0	0	0	0	0	0
0.022484	0	0	0	0	0	0
0.019799	0	0	0	0	0	0
0.017622	0	0	0	0	0	0
0.053661	0	0	0	0	0	0

0.046199	0	0	0	0	0	0
0.037588	0	0	0	0	0	0
0.042265	0	0	0	0	0	0
0.032442	0	0	0	0	0	0
0.017745	0	0	0	0	0	0
0.040499	0	0	0	0	0	0
0.027304	0	0	0	0	0	0
0.049958	0	0	0	0	0	0
0.055015	0	0	0	0	0	0
0.038592	0	0	0	0	0	0
0.044507	0	0	0	0	0	0
0.096358	0	2	0	0	0	2
0.038419	0	0	0	0	0	0
0.055381	0	0	0	0	0	0
0.379741	0	0	0	0	0	0
0.028623	0	0	0	0	0	0
0.089421	0	0	0	0	0	0
0.079835	0	0	0	0	0	0
0.133393	0	0	0	0	0	0
0.126865	0	0	0	0	0	0
0.067695	0	0	0	0	0	0
0.031475	0	0	0	0	0	0
0.026367	0	0	0	0	0	0
0.055741	0	0	0	0	0	0
0.04699	0	0	0	0	0	0
0.047826	0	0	0	0	0	0
0.029629	0	0	0	0	0	0
0.020829	0	0	0	0	0	0
0.194741	0	0	0	0	0	0
0.432837	0	0	0	0	0	0
0.269292	0	0	0	0	0	0
0.056681	0	0	0	0	0	0
0.278084	0	0	0	0	0	0
0.146213	0	0	0	0	2	2
0.061535	0	0	0	0	0	0
0.048614	0	0	0	0	0	0
0.100471	0	0	0	0	0	0
0.067953	0	0	0	0	0	0
0.101726	0	0	0	0	0	0
0.007005	0	0	0	0	0	0
0.015501	0	0	0	0	0	0
0.010172	0	0	0	0	0	0
0.005712	0	0	0	0	0	0
0.075865	0	0	0	0	0	0
0.030629	0	0	0	0	0	0
0.032971	0	0	0	0	0	0
0.16852	0.05	0	0	0	0	0
0.029788	0	0	0	0	0	0
0.011615	0	0	0	0	0	0
0.01503	0	0	0	0	0	0

0.011648	0	0	0	0	0	0
0.462003	0.1	0	0	0	0	0
0.028736	0	0	0	0	0	0
0.034794	0	0	0	0	0	0
0.024173	0	0	0	0	0	0
0.015339	0	0	0	0	0	0
0.024312	0	0	0	0	0	0
0.035188	0	0	0	0	0	0
0.021457	0	0	0	0	0	0
0.04601	0	0	0	0	0	0
0.014815	0	0	0	0	0	0
0.016428	0	0	0	0	0	0
0.016142	0	0	0	0	0	0
0.025505	0	0	0	0	0	0
0.128712	0	0	0	0	0	0
0.056036	0	0	0	0	0	0
0.038728	0	0	0	0	0	0
0.011612	0	0	0	0	0	0
0.02577	0	0	0	0	0	0
0.017174	0	0	0	0	0	0
0.047881	0.01	0	0	0	0	0
0.04507	0.03	0	0	0	0	0
0.001658	0	0	0	0	0	0
0.002099	0	0	0	0	0	0
0.003156	0	0	0	0	0	0
0.003098	0	0	0	0	0	0
0.002151	0	0	0	0	0	0
0.001928	0	0	0	0	0	0
0.005086	0	0	0	0	0	0
0.003002	0	0	0	0	0	0
0.017082	0	0	0	0	0	0
0.02453	0	0	0	0	0	0
0.005723	0	0	0	0	0	0
0.003164	0	0	0	0	0	0
0.350566	0.02	0	0	0	0	0
0.08644	0	0	0	0	0	0
0.023047	0	0	0	0	0	0
0.037269	0	0	0	0	0	0
0.021073	0	0	0	0	0	0
0.152505	0	0	0	0	0	0
0.051309	0	0	0	0	0	0
0.045757	0	0	0	0	0	0
0.064546	0	0	0	0	0	0
0.047045	0	0	0	0	0	0
0.310676	0.02	0	0	0	0	0
0.664017	0.16	0	0	0	0	0
0.200141	0	0	0	0	0	0
0.211103	0	0	0	0	0	0
0.01752	0	0	0	0	0	0
0.100692	0	0	0	0	0	0



0.01358	0	0	0	0	0	0
0.047719	0	0	0	0	0	0
0.01201	0	0	0	0	0	0
0.032732	0	0	0	0	0	0
0.052583	0	0	0	0	0	0
0.03574	0	0	0	0	0	0
0.032618	0	0	0	0	0	0
0.041232	0	0	0	0	0	0
0.051308	0	0	0	0	0	0
0.042555	0	0	0	0	0	0
0.175049	0	0	0	0	0	0
0.028022	0	0	0	0	0	0
0.013631	0	0	0	0	0	0
0.009884	0	0	0	0	0	0
0.023191	0	0	0	0	0	0
0.025027	0	0	0	0	0	0
0.012981	0	0	0	0	0	0
0.012804	0	0	0	0	0	0
0.009967	0	0	0	0	0	0
0.010873	0	0	0	0	0	0
0.014489	0	0	0	0	0	0
0.011505	0	0	0	0	0	0
0.00983	0	0	0	0	0	0
0.015165	0	1	0	0	1	2
0.022005	0	1	0	0	0	1
0.016912	0	0	0	0	0	0
0.007568	0	0	0	0	0	0
0.013959	0	0	0	0	0	0
0.01088	0	0	0	0	0	0
0.034788	0	0	0	0	0	0
0.025332	0	0	0	0	0	0
0.019624	0	0	0	0	0	0
0.069243	0	0	0	0	0	0
0.038664	0	0	0	0	0	0
0.117367	0	0	0	0	0	0
0.093876	0	0	0	0	0	0
0.063859	0	0	0	0	0	0
0.150825	0	0	0	0	0	0
0.456984	0	0	0	0	0	0
0.112206	0	0	0	0	0	0
0.065469	0	0	0	0	0	0
0.233802	0	0	0	0	0	0
0.062616	0	0	0	0	0	0
0.154329	0	0	0	0	0	0
0.511817	0	0	0	0	0	0
0.060332	0	0	0	0	0	0
0.13976	0	0	0	0	0	0
0.043807	0	0	0	0	0	0
0.061886	0	0	0	0	0	0
0.146889	0	0	0	0	0	0

0.098322	0	0	0	0	0	0
0.015272	0	0	0	0	0	0
0.019695	0	0	0	0	0	0
0.015008	0	0	0	0	0	0
0.020442	0	0	0	0	0	0
0.016742	0	0	0	0	0	0
0.019688	0	0	0	4	0	4
0.04285	0	0	0	0	0	0
0.029995	0	0	0	0	0	0
0.045575	0	0	0	0	0	0
0.681815	0.22	0	0	0	0	0
0.611787	0	0	0	0	0	0
0.598344	0	0	0	0	0	0
0.690562	0	0	0	0	0	0
0.788777	0.1	0	0	0	0	0
0.007815	0	0	0	0	0	0
0.016089	0	0	0	0	0	0
0.046084	0	0	0	0	0	0
0.013226	0	0	0	0	0	0
0.006676	0	0	0	0	0	0
0.022281	0	0	0	0	0	0
0.017035	0	0	0	0	0	0
0.009757	0	0	0	0	0	0
0.044277	0	0	0	0	0	0
0.003213	0	0	0	0	0	0
0.001964	0	0	0	0	0	0
0.000168	0	0	0	0	0	0
0.001246	0	0	0	0	0	0
0.014341	0	0	0	0	0	0
0.002752	0	0	0	0	0	0
0.005044	0	0	0	0	0	0
0.041013	0	0	0	0	0	0
0.062482	0	0	0	0	0	0
0.032767	0	0	0	0	0	0
0.074294	0	0	0	0	0	0
0.034198	0	0	0	0	0	0
0.034187	0	0	0	0	0	0
0.03472	0	0	0	7	0	7
0.04841	0	0	0	0	0	0
0.098155	0	0	0	0	0	0
0.032953	0	0	0	0	0	0
0.073308	0	0	0	0	0	0
0.037949	0	0	0	0	0	0
0.032635	0	0	0	0	0	0
0.030051	0	0	0	0	0	0
0.024531	0	0	0	0	0	0
0.017985	0	0	0	0	0	0
0.028626	0	0	0	0	0	0
0.02048	0	0	0	0	0	0
0.016676	0	0	0	0	0	0

0.06072	0	0	0	0	0	0
0.026301	0	0	0	0	0	0
0.02819	0	0	0	0	0	0
0.032221	0	0	0	0	0	0
0.059897	0	0	0	0	0	0
0.035727	0	0	0	0	0	0
0.093915	0	0	0	0	0	0
0.094901	0	0	0	0	0	0
0.009717	0	0	0	0	0	0
0.016784	0	0	0	0	0	0
0.014021	0	0	0	0	0	0
0.135678	0	0	0	0	0	0
0.204341	0	0	0	0	0	0
0.014492	0	0	0	0	0	0
0.041284	0	0	0	0	0	0
0.040057	0	0	0	0	0	0
0.018707	0	0	0	0	0	0
0.024043	0	0	0	0	0	0
0.085269	0	0	0	0	0	0
0.076148	0	0	0	0	0	0
0.153422	0	0	0	0	0	0
0.082606	0	0	0	0	0	0
0.006118	0	0	4	0	0	4
0.017632	0	0	0	0	0	0
0.004574	0	0	0	0	0	0
0.034424	0	0	0	0	0	0
0.000481	0	0	0	0	0	0
0.005145	0	0	0	0	0	0
0.006421	0	0	0	0	0	0
0.003016	0	0	0	0	0	0
0.038413	0	0	0	0	0	0
0.016346	0	0	0	0	0	0
0.041611	0	0	1	1	0	2
0.030174	0	0	0	0	0	0
0.084947	0	0	0	0	0	0
0.068111	0	0	0	0	0	0
0.003755	0	0	0	0	0	0
0.006439	0	0	0	0	0	0
0.013057	0	0	0	0	0	0
0.016919	0	0	0	0	0	0
0.012539	0	0	0	0	0	0
0.006862	0	0	0	0	0	0
0.078968	0.01	0	0	0	0	0
0.009232	0	0	0	0	0	0
0.011744	0	0	0	0	0	0
0.053503	0	0	0	0	0	0
0.023316	0	0	0	0	0	0
0.00826	0	0	0	0	0	0
0.009623	0	0	0	0	0	0
0.015841	0	0	0	0	0	0

0.022457	0	0	0	0	0	0
0.022462	0	0	0	0	0	0
0.05056	0	0	0	0	0	0
0.009034	0	0	0	0	0	0
0.019307	0	0	0	0	0	0
0.016119	0	0	0	0	0	0
0.017539	0	0	0	0	0	0
0.015505	0	0	0	0	0	0
0.03166	0	0	0	0	0	0
0.023803	0	0	0	0	0	0
0.020976	0	0	0	0	0	0
0.009361	0	0	0	0	0	0
0.009933	0	0	0	0	0	0
0.016574	0	0	0	0	0	0
0.014819	0	0	0	0	0	0
0.013427	0	0	0	0	0	0
0.01384	0	0	0	0	0	0
0.008059	0	0	0	0	0	0
0.012926	0	0	0	0	0	0
0.001433	0	0	0	0	0	0
0.003874	0	0	0	0	0	0
0.000683	0	0	0	0	0	0
0.008583	0	0	0	0	0	0
0.000302	0	0	0	0	0	0
0.001286	0	0	0	0	0	0
0.01012	0	0	0	0	0	0
0.001138	0	0	0	0	0	0
0.000939	0	0	0	0	0	0
0.002237	0	0	0	0	0	0
0.067575	0	0	4	7	0	11
0.003386	0	0	0	0	0	0
0.012527	0	0	0	0	0	0
0.004685	0	0	0	0	0	0
0.004217	0	0	0	0	0	0
0.005662	0	0	0	0	0	0
0.004945	0	0	0	0	0	0
0.002856	0	0	0	0	0	0
0.031368	0	0	0	0	0	0
0.033011	0	0	0	0	0	0
0.022189	0	0	0	0	0	0
0.201256	0	0	0	0	0	0
0.155954	0	0	0	0	0	0
0.053944	0	0	0	0	0	0
0.03598	0	0	0	0	0	0
0.008721	0	0	0	0	0	0
0.015702	0	0	0	0	0	0
0.020287	0	0	0	0	0	0
0.031918	0	0	0	0	0	0
0.04701	0	0	0	0	0	0
0.02807	0	0	0	0	6	6

0.008024	0	6	0	0	0	6
0.146215	0	0	0	0	0	0
0.047601	0	0	0	0	0	0
0.066035	0	0	0	0	0	0
0.060624	0	0	0	0	0	0
0.037478	0	0	0	0	0	0
0.053531	0	0	0	0	0	0
0.035475	0	0	0	0	0	0
0.024896	0	0	0	0	0	0
0.05792	0	0	0	0	0	0
0.04105	0	0	0	0	0	0
0.026142	0	0	0	0	0	0
0.045356	0	0	0	0	0	0
0.019013	0	0	0	0	0	0
0.033116	0	0	0	0	0	0
0.039609	0	0	0	0	0	0
0.013464	0	0	0	0	0	0
0.004877	0	0	0	0	0	0
0.00758	0	0	0	0	0	0
0.013713	0	0	0	0	0	0
0.013445	0	0	0	0	0	0
0.016679	0	0	0	0	0	0
0.107877	0	0	0	0	0	0
0.107219	0	0	0	0	0	0
0.091106	0	0	0	0	0	0
0.008733	0.01	0	0	0	0	0
0.008664	0	0	0	0	0	0
0.01137	0	0	0	0	0	0
0.012791	0	0	0	0	0	0
0.012075	0	0	0	0	0	0
0.009981	0	0	0	0	0	0
0.054679	0.02	0	0	0	0	0
0.054884	0.01	0	0	0	0	0
0.066572	0	0	0	0	0	0
0.017877	0	0	0	0	0	0
0.006845	0	0	0	0	0	0
0.940112	0.21	0	0	0	0	0
0.032519	0.03	0	0	0	0	0
0.15829	0.15	0	0	0	0	0
0.049837	0	0	0	0	0	0
0.043847	0	0	0	0	0	0
0.037295	0	0	0	0	0	0
0.032907	0	0	0	0	0	0
0.033609	0	0	0	0	0	0
0.022177	0	0	0	0	0	0
0.038819	0	0	0	0	0	0
0.021525	0	0	0	0	0	0
0.060593	0	0	0	0	0	0
0.05146	0	0	0	0	0	0
0.039515	0	0	0	0	0	0

0.015783	0	0	0	0	0	0
0.044206	0	0	0	0	0	0
0.012359	0	0	0	0	0	0
0.02036	0	0	0	0	0	0
0.034857	0	0	0	0	0	0
0.060858	0	0	0	0	0	0
0.044819	0	0	0	0	0	0
0.05898	0	0	0	0	0	0
0.029642	0	0	0	0	0	0
0.03661	0	0	0	0	0	0
0.055168	0	0	0	0	0	0
0.153579	0	0	0	0	0	0
0.015266	0	0	0	0	0	0
0.022279	0	0	0	0	0	0
0.017561	0	0	0	0	0	0
0.056816	0	0	0	0	0	0
0.016205	0	0	0	0	0	0
0.012318	0	0	0	0	0	0
0.009753	0	0	0	0	0	0
0.009436	0	0	0	0	0	0
0.120948	0	0	0	0	0	0
0.056402	0	0	0	10	0	10
0.028673	0	0	0	0	0	0
0.066627	0	0	0	0	0	0
0.035063	0	0	0	0	0	0
0.019498	0	0	0	0	0	0
0.016679	0	0	0	0	0	0
0.019751	0	0	0	0	0	0
0.022991	0	0	0	0	0	0
0.040784	0	0	0	0	0	0
0.092819	0	0	0	0	0	0
0.066633	0	0	0	0	0	0
0.043087	0	0	0	0	0	0
0.035115	0	0	0	0	0	0
0.034316	0	0	0	0	0	0
0.022911	0	0	0	0	0	0
0.044756	0	0	0	0	0	0
0.036252	0	0	0	0	0	0
0.035894	0	0	0	0	0	0
0.030686	0	0	0	0	0	0
0.021062	0	0	0	0	0	0
0.046202	0	0	0	0	0	0
0.038247	0	0	0	0	0	0
0.05435	0	0	0	0	0	0
0.054082	0	0	0	0	0	0
0.029684	0	0	0	0	0	0
0.036813	0	0	0	0	0	0
0.055061	0	0	0	0	0	0
0.03127	0	0	0	0	0	0
0.069866	0	0	0	0	0	0

0.040758	0	0	0	0	0	0
0.028532	0	0	0	0	0	0
0.021162	0	0	0	0	0	0
0.02257	0	0	0	0	0	0
0.025472	0	0	0	0	0	0
0.019076	0	0	0	0	0	0
0.015616	0	0	0	0	0	0
0.014326	0	0	0	0	0	0
0.043705	0	0	0	0	0	0
0.051968	0	0	0	0	0	0
0.030984	0	0	0	0	0	0
0.02283	0	0	0	0	0	0
0.019407	0	0	0	0	0	0
0.027981	0	0	0	0	0	0
0.044251	0	0	0	0	0	0
0.037985	0	0	0	0	0	0
0.063282	0	0	0	0	0	0
0.045262	0	0	0	0	0	0
0.02664	0	0	0	0	0	0
0.034934	0	0	0	0	0	0
0.034273	0	0	0	0	0	0
0.046655	0	0	0	0	0	0
0.055723	0	0	0	0	0	0
0.101137	0	0	0	0	0	0
0.055124	0	0	0	0	0	0
0.062902	0	0	0	0	0	0
0.039368	0	0	0	0	0	0
0.139918	0	0	0	0	0	0
0.14851	0	0	0	0	0	0
0.026064	0	0	0	0	0	0
0.034845	0	0	0	0	0	0
0.029066	0	0	0	0	0	0
0.108088	0	0	0	0	0	0
0.085258	0	0	0	0	0	0
0.05099	0	0	0	0	0	0
0.020428	0	0	0	0	0	0
0.031439	0	0	0	0	0	0
0.136997	0	0	0	0	0	0
0.024523	0	0	0	0	0	0
0.040364	0	0	0	0	0	0
0.052157	0	0	0	0	0	0
0.031198	0	0	0	0	0	0
0.023847	0	0	0	0	0	0
0.011284	0	0	0	0	0	0
0.037712	0	0	0	0	0	0
0.041737	0	0	0	0	0	0
0.019843	0	0	0	0	0	0
0.045976	0	0	0	0	5	5
0.182599	0	5	0	0	0	5
0.049459	0	0	0	0	0	0

0.071431	0	0	0	0	0	0
0.028663	0	0	0	0	0	0
0.02577	0	0	0	0	0	0
0.01836	0	0	0	0	0	0
0.094087	0	0	0	0	0	0
0.021528	0	2	0	0	0	2
0.034297	0	0	0	0	0	0
0.022052	0	0	0	0	0	0
0.017458	0	0	0	0	0	0
0.021162	0	0	0	0	0	0
0.02003	0	0	0	0	0	0
0.013771	0	0	0	0	0	0
0.015287	0	0	0	0	0	0
0.281677	0	0	0	0	0	0
0.022636	0	0	0	0	0	0
0.009136	0	0	0	0	0	0
0.019047	0	0	0	0	0	0
0.010262	0	0	0	0	0	0
0.040836	0	0	0	0	0	0
0.022508	0	0	0	0	0	0
0.298814	0.13	0	0	0	0	0
0.035354	0	0	0	0	0	0
0.019622	0	0	0	0	0	0
0.019541	0	0	0	0	0	0
0.046393	0	0	0	0	0	0
0.017239	0	0	0	0	0	0
0.012892	0	0	0	0	0	0
0.010096	0	0	0	0	0	0
0.03729	0	0	0	0	0	0
0.758245	0	0	0	0	0	0
0.021997	0	0	0	0	0	0
0.036163	0	0	0	0	0	0
0.10363	0	0	0	0	0	0
0.038715	0	0	0	0	0	0
0.017772	0	0	0	0	0	0
0.063025	0	0	0	0	0	0
0.068333	0	0	0	0	0	0
0.067797	0	0	0	0	0	0
0.065135	0	0	0	0	0	0
0.073592	0	0	0	0	0	0
0.037862	0	0	0	0	0	0
0.038142	0	0	0	0	0	0
0.042252	0	0	0	0	0	0
0.026202	0	0	0	0	0	0
0.026717	0	0	0	0	0	0
0.028152	0	0	0	0	0	0
0.371698	0.21	0	0	0	0	0
0.353281	0.16	0	0	0	0	0
0.02401	0	0	0	0	0	0
0.070115	0	0	0	0	0	0



0.019557	0	0	0	0	0	0
0.03264	0	0	0	0	0	0
0.321193	0	0	0	0	0	0
0.001997	0	18	0	11	0	29
0.006589	0	0	1	0	8	9
0.005431	0	8	7	7	7	29
0.003772	0	7	12	0	0	19
0.006071	0	0	2	0	0	2
0.010145	0	0	61	61	13	135
0.010121	0	13	21	21	0	55
0.015783	0	0	5	33	24	62
0.053329	0	0	0	0	16	16
0.004623	0	16	0	0	16	32
0.168107	0.18	16	7	14	10	47
0.056886	0	0	0	0	0	0
0.028793	0	0	0	0	0	0
0.007267	0	0	0	0	0	0
0.024511	0	0	0	0	0	0
0.034613	0	0	0	0	0	0
0.030404	0	0	0	0	0	0
0.012879	0	0	0	0	0	0
0.006051	0	0	0	0	0	0
0.727155	0	0	0	0	0	0
0.012665	0	0	0	0	0	0
0.629176	0	0	0	0	0	0
0.020932	0	0	0	0	0	0
0.041931	0	0	0	0	0	0
0.057249	0	0	0	0	0	0
0.070469	0	0	0	0	0	0
0.032366	0	0	0	0	0	0
0.403435	0	0	0	0	0	0
0.079193	0	0	0	0	0	0
0.015028	0	0	0	0	0	0
0.013816	0	0	0	0	0	0
0.016216	0	0	0	0	0	0
0.027165	0	0	0	0	0	0
0.011589	0	0	0	0	0	0
0.011928	0	0	0	0	0	0
0.00471	0	0	0	0	0	0
0.007051	0	0	0	0	0	0
0.008531	0	0	0	0	0	0
0.005544	0	0	0	0	0	0
0.005662	0	0	0	0	0	0
0.01181	0	0	0	0	0	0
0.0063	0	0	0	0	0	0
0.006169	0	0	0	0	0	0
0.055722	0	0	0	0	0	0
0.053715	0	0	0	0	0	0
0.028508	0	0	0	0	0	0
0.074719	0	0	0	0	0	0

0.040757	0	0	0	0	0	0
0.945724	0	0	0	0	0	0
0.934436	0	0	0	0	0	0
0.018561	0	0	0	0	0	0
0.026151	0	0	0	0	0	0
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0.038556	0	0	0	0	0	0
0.047617	0	0	0	0	0	0
0.038734	0	0	0	0	0	0
0.058543	0	0	0	0	0	0
0.040845	0	0	0	0	0	0
0.01731	0	0	0	0	0	0
0.005682	0	0	0	0	0	0
0.004442	0	0	0	0	0	0
0.00363	0	0	0	0	0	0
0.004949	0	0	0	0	0	0
0.004828	0	0	0	0	0	0
0.008366	0	0	0	0	0	0
0.007913	0	0	0	0	0	0
0.006259	0	0	0	0	0	0
0.003283	0	0	0	0	0	0
0.002111	0	0	0	0	0	0
0.004311	0	0	0	0	0	0
0.056601	0	0	0	0	0	0
0.420106	0	0	0	0	0	0
0.588179	0	0	0	0	0	0
0.179409	0	0	0	0	0	0
0.040051	0	0	0	0	0	0
0.090927	0	0	0	0	0	0
0.057424	0	0	0	0	0	0
0.035249	0	0	0	0	0	0
0.048321	0	0	0	0	0	0
0.027404	0	0	0	0	0	0
0.026383	0	0	0	0	0	0
0.034356	0	0	0	0	0	0
0.022438	0	0	0	0	0	0
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0.04974	0	0	0	0	0	0
0.021504	0	0	0	0	0	0
0.02667	0	0	0	0	0	0
0.043088	0	0	0	0	0	0
0.056813	0	0	0	0	0	0
0.016456	0	0	0	0	0	0
0.019711	0	0	0	0	0	0
0.167421	0.06	0	0	0	0	0
0.020342	0	0	0	0	0	0
0.016312	0	0	0	0	0	0
0.116509	0.04	0	0	0	0	0
0.037087	0	0	0	0	0	0
0.024773	0	0	0	0	0	0

0.036901	0	0	0	0	0	0
0.030743	0	0	0	0	0	0
0.028836	0	0	0	0	0	0
0.046276	0	0	0	0	0	0
0.020497	0	0	0	0	0	0
0.032159	0	0	0	0	0	0
0.032321	0	0	0	0	0	0
0.025911	0	0	0	0	0	0
0.028835	0	0	0	0	0	0
0.018892	0	0	0	0	0	0
0.002006	0	0	0	0	0	0
0.005212	0	0	0	0	0	0
0.013939	0	0	0	0	0	0
0.015086	0	0	0	0	0	0
0.043795	0.01	0	0	0	0	0
0.050751	0.01	0	0	0	0	0
0.007444	0	0	0	0	0	0
0.069706	0	0	0	0	0	0
0.051621	0	0	0	0	0	0
0.045853	0	0	0	0	0	0
0.053511	0	0	0	0	0	0
0.063404	0	0	0	0	0	0
0.032933	0	0	0	0	0	0
0.058765	0	0	0	0	0	0
0.057035	0	0	0	0	0	0
0.059607	0	0	0	0	0	0
0.096585	0	0	0	0	0	0
0.064523	0	0	0	0	0	0
0.055858	0	0	0	0	0	0
0.053695	0	0	0	0	0	0
0.050541	0	0	0	0	0	0
0.038332	0	0	0	0	0	0
0.035806	0	0	0	0	0	0
0.061125	0	0	0	0	0	0
0.051678	0	0	0	0	0	0
0.046556	0	0	0	0	0	0
0.026576	0	0	0	0	0	0
0.036651	0	0	0	0	0	0
0.04188	0	0	0	0	0	0
0.031126	0	0	0	0	0	0
0.030085	0	0	0	0	0	0
0.032528	0	0	0	0	0	0
0.021582	0	0	0	0	0	0
0.060245	0	0	0	0	0	0
0.055227	0	0	0	0	0	0
0.070198	0	0	0	0	0	0
0.045223	0	0	0	0	0	0
0.052333	0	0	0	0	0	0
0.05951	0	0	0	0	0	0
0.021252	0	0	0	0	0	0

0.014374	0	0	0	0	0	0
0.021023	0	0	0	0	0	0
0.023306	0	0	0	0	0	0
0.01386	0	0	0	0	0	0
0.010415	0	0	0	0	0	0
0.010438	0	0	0	0	0	0
0.013857	0	0	0	0	0	0
0.095443	0	0	0	0	0	0
0.011179	0	0	0	0	0	0
0.02376	0	0	0	0	0	0
0.0116	0	0	0	0	0	0
0.037013	0	0	0	0	0	0
0.022417	0	0	0	0	0	0
0.024692	0	0	0	0	0	0
0.026248	0	0	0	0	0	0
0.03172	0	0	0	0	0	0
0.031616	0	0	0	0	0	0
0.033872	0	0	0	0	0	0
0.020514	0	0	0	0	0	0
0.031468	0	0	0	0	0	0
0.018723	0	0	0	0	0	0
0.023666	0	0	0	0	0	0
0.012887	0	0	0	0	0	0
0.016087	0	0	0	0	0	0
0.017819	0	0	0	0	0	0
0.055273	0	0	0	0	0	0
0.057883	0	0	0	0	0	0
0.048431	0	0	0	0	0	0
0.091852	0	0	0	0	0	0
0.117987	0	0	0	0	0	0
0.036237	0	0	0	0	0	0
0.076986	0	0	0	0	0	0
0.045211	0	0	0	0	0	0
0.056044	0	0	0	0	0	0
0.059716	0	0	0	0	0	0
0.082078	0	0	0	0	0	0
0.073557	0	0	0	0	0	0
0.029679	0	0	0	0	0	0
0.009333	0	0	0	0	0	0
0.05388	0	0	0	0	0	0
0.210111	0	0	0	0	0	0
0.288418	0	0	0	0	0	0
0.087841	0	0	0	0	0	0
0.036399	0.07	0	0	0	0	0
0.007	0	0	0	0	0	0
0.01246	0	0	0	0	0	0
0.004131	0	0	0	5	0	5
0.00048	0	0	0	0	5	5
0.004717	0	5	0	0	0	5
0.024715	0	0	0	0	0	0

0.378039	0	0	0	1	0	1
0.042415	0	0	0	0	0	0
0.104434	0	0	0	0	0	0
0.010406	0	0	0	0	0	0
0.071144	0	0	0	0	0	0
0.06345	0	0	0	0	0	0
0.018287	0	0	0	0	0	0
0.028649	0	0	0	0	0	0
0.01463	0	0	0	0	0	0
0.013332	0	0	0	0	0	0
0.013314	0	0	0	0	0	0
0.012612	0	0	0	0	0	0
0.010856	0	0	0	0	0	0
0.044572	0	0	0	0	0	0
0.017901	0	0	0	0	0	0
0.016173	0	0	0	0	0	0
0.010732	0	0	0	0	0	0
0.013165	0	0	0	0	0	0
0.0297	0	0	0	0	0	0
0.012232	0	0	0	0	0	0
0.021992	0	0	0	0	0	0
0.007796	0	0	0	0	0	0
0.011743	0	0	0	0	0	0
0.006374	0	0	0	0	0	0
0.009108	0	0	0	0	0	0
0.012713	0	0	0	0	0	0
0.0365	0	0	0	0	0	0
0.02239	0	0	0	0	0	0
0.03431	0	0	0	0	0	0
0.020517	0	0	0	0	0	0
0.013646	0	0	0	0	0	0
0.014338	0	0	0	0	0	0
0.018787	0	0	0	0	0	0
0.014787	0	0	0	0	0	0
0.032994	0	0	0	0	0	0
0.072263	0	0	0	0	0	0
0.03558	0	0	0	0	0	0
0.039316	0	0	0	0	0	0
0.053209	0	0	0	0	0	0
0.091307	0	0	0	0	0	0
0.216901	0	0	0	0	0	0
0.143472	0	0	0	0	0	0
0.11965	0	0	0	0	0	0
0.176249	0	0	0	0	0	0
0.039015	0	0	0	0	0	0
0.112331	0.49	0	0	0	0	0
0.07114	0	0	0	0	0	0
0.079353	0	0	0	0	0	0
0.040547	0	0	0	0	0	0
0.028121	0	0	0	0	0	0

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0.031584	0	0	0	0	0	0
0.023689	0	0	0	0	0	0
0.055806	0	0	0	0	0	0
0.024532	0	0	0	0	0	0
0.031535	0	0	0	0	0	0
0.013917	0	0	0	0	0	0
0.027783	0	0	0	0	0	0
0.176277	0.26	0	0	0	0	0
0.055374	0	0	0	0	0	0
0.05972	0	0	0	0	0	0
0.032273	0	0	0	0	0	0
0.041055	0	0	0	0	0	0
0.04222	0	0	0	0	0	0
0.060369	0	0	0	0	0	0
0.196707	0	0	0	0	0	0
0.111705	0	0	0	0	0	0
0.101198	0	0	0	0	0	0
0.133734	0	0	0	0	0	0
0.288642	0	0	0	0	0	0
0.399813	0	0	0	0	0	0
0.313412	0	0	0	0	0	0
0.1168	0	0	0	0	0	0
0.078988	0	0	0	0	0	0
0.056856	0	0	0	0	0	0
0.069331	0	0	0	0	0	0
0.030995	0	0	0	0	0	0
0.106278	0	0	0	0	0	0
0.144111	0	0	0	0	0	0
0.084527	0	0	0	0	0	0
0.100977	0	0	0	0	0	0
0.169347	0	0	0	0	0	0
0.148103	0	0	0	0	0	0
0.129	0	0	0	0	0	0
0.054218	0	0	0	0	0	0
0.053163	0	0	0	0	0	0
0.469369	0	0	0	0	0	0
0.398702	0	0	0	0	0	0
0.337484	0	0	0	0	0	0
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0.156508	0	0	0	0	0	0
0.141776	0	0	0	0	0	0
0.070226	0	0	0	0	0	0
0.015004	0	0	0	0	0	0
0.011695	0	0	0	0	0	0
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0.050035	0	0	0	0	0	0
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0.017325	0	0	0	0	0	0
0.028331	0	0	0	0	0	0
0.124149	0	0	0	0	0	0
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0.053584	0	0	0	0	0	0
0.069605	0	0	0	0	0	0
0.038767	0	0	0	0	0	0
0.02898	0	0	0	0	0	0
0.062629	0	0	0	0	0	0
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0.019318	0	0	0	0	0	0
0.07689	0	0	0	0	0	0
0.020971	0	0	0	0	0	0
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0.05653	0	0	0	0	0	0
0.04439	0	0	0	0	0	0
0.039532	0	0	0	0	0	0
0.048051	0	0	0	0	0	0
0.054865	0	0	0	0	0	0
0.059802	0	0	0	0	0	0
0.106115	0	0	0	0	0	0
0.08555	0	0	0	0	0	0
0.036911	0	0	0	0	0	0
0.045846	0	0	0	0	0	0
0.025545	0	0	0	0	0	0
0.017149	0	0	0	0	0	0
0.067345	0	0	0	0	0	0
0.304119	0	0	0	0	0	0
0.056486	0	0	0	0	0	0
0.075747	0	0	0	0	0	0
0.044162	0	0	0	0	0	0
0.026935	0	0	0	0	0	0
0.034748	0	0	0	0	0	0
0.116983	0	0	0	0	0	0
0.057952	0	0	0	0	0	0
0.016026	0	0	0	0	1	1
0.000419	0	0	0	0	0	0
0.000643	0	0	0	0	0	0
0.005731	0	0	0	0	0	0
0.001103	0	0	0	0	1	1
0.000349	0	0	0	0	0	0
0.002421	0	0	0	0	0	0
0.003553	0	0	0	0	0	0
0.003578	0	0	0	0	0	0
0.001643	0	0	0	0	0	0
0.002426	0	0	0	0	0	0

0.001168	0	0	0	0	0	0
0.010439	0	0	0	0	0	0
0.007295	0	0	0	0	0	0
0.060678	0	0	0	0	0	0
0.077455	0	0	0	0	0	0
0.048978	0	0	0	0	0	0
0.060077	0	0	0	0	0	0
0.043726	0	0	0	0	0	0
0.039099	0	0	0	0	0	0
0.021393	0	0	0	0	0	0
0.031013	0	0	0	0	0	0
0.04031	0	0	0	0	0	0
0.058762	0	0	0	0	0	0
0.010296	0	0	0	0	0	0
0.014674	0	0	0	0	0	0
0.010165	0	0	0	0	0	0
0.007935	0	0	0	0	0	0
0.006772	0	0	0	0	0	0
0.005227	0	0	0	0	0	0
0.004648	0	0	0	0	0	0
0.011257	0	0	0	0	0	0
0.010741	0	0	0	0	0	0
0.011034	0	0	0	0	0	0
0.007125	0	0	0	0	0	0
0.014155	0	0	0	0	0	0
0.00975	0	0	0	0	0	0
0.016837	0	0	0	0	0	0
0.008651	0	0	0	0	0	0
0.013058	0	0	0	0	0	0
0.01796	0	0	0	0	0	0
0.024881	0	0	0	0	0	0
0.067577	0	0	0	0	0	0
0.010654	0	0	0	0	0	0
0.008147	0	0	0	0	0	0
0.008519	0	0	0	0	0	0
0.010308	0	0	0	0	0	0
0.006256	0	0	0	0	0	0
0.012879	0	0	0	0	0	0
0.012944	0	0	0	0	0	0
0.019914	0	0	0	0	0	0
0.025277	0	0	0	0	0	0
0.029787	0	0	0	0	0	0
0.008158	0	0	0	0	0	0
0.006512	0	0	0	0	0	0
0.008636	0	0	0	0	0	0
0.005855	0	0	0	0	0	0
0.042116	0	0	0	0	0	0
0.044923	0	0	0	0	0	0
0.061338	0	0	0	0	0	0
0.005641	0	0	0	0	7	7



0.003335	0.02	0	0	0	0	0
0.002368	0.01	0	0	0	0	0
0.005598	0.01	0	0	0	0	0
0.001413	0	7	0	0	0	7
0.001289	0	0	0	0	0	0
0.001984	0	0	0	0	0	0
0.003889	0	0	0	0	0	0
0.007195	0	0	0	0	0	0
0.001213	0	0	0	0	0	0
0.001867	0	0	0	0	0	0
0.008899	0	0	0	0	0	0
0.012253	0	0	0	0	0	0
0.007168	0	0	0	0	0	0
0.007403	0	0	0	0	0	0
0.033647	0	0	0	0	0	0
0.010206	0	0	0	0	0	0
0.017008	0	0	0	0	0	0
0.009481	0	0	0	0	0	0
0.011323	0	0	0	0	0	0
0.012164	0	0	0	0	0	0
0.650182	0.2	0	0	0	0	0
0.006678	0	0	0	0	0	0
0.110876	0	0	0	0	0	0
0.040833	0	0	0	0	0	0
0.008301	0	0	0	0	0	0
0.014376	0	0	0	0	0	0
0.014566	0	0	0	0	0	0
0.008817	0	0	0	0	0	0
0.006068	0	0	0	0	0	0
0.00732	0	0	0	0	0	0
0.008184	0	0	0	0	0	0
0.008764	0	0	0	0	0	0
0.013152	0	0	0	0	0	0
0.012	0	0	0	0	0	0
0.011683	0	0	0	0	0	0
0.002475	0	0	0	0	0	0
0.001844	0	0	0	0	0	0
0.000906	0	0	0	0	0	0
0.001024	0	0	0	0	0	0
0.00198	0	0	0	0	0	0
0.001125	0	0	0	0	0	0
0.001154	0	0	0	0	0	0
0.001474	0	0	0	0	0	0
0.011118	0.03	0	0	0	0	0
0.004443	0	0	0	0	0	0
0.015992	0	0	0	0	0	0
0.002081	0	0	0	0	0	0
0.001068	0	0	0	0	0	0
0.0009	0	0	0	0	0	0
0.000624	0	0	0	0	0	0

0.00277	0	0	0	0	0	0
0.000744	0	0	0	0	0	0
0.001392	0	0	0	0	6	6
0.00048	0	6	0	0	0	6
0.000595	0	0	0	0	0	0
0.000428	0	0	0	0	0	0
0.000448	0	0	0	0	0	0
0.001188	0	0	0	0	0	0
0.00471	0	0	0	0	0	0
0.005884	0.01	0	0	0	6	6
0.002484	0	6	0	0	0	6
0.000898	0	0	0	0	0	0
0.000503	0	0	0	0	0	0
0.001006	0	0	0	0	0	0
0.00085	0	0	0	0	0	0
0.000725	0	0	0	0	0	0
0.000771	0	0	0	0	0	0
0.000875	0	0	0	0	0	0
0.001252	0	0	0	0	0	0
0.000773	0	0	0	0	0	0
0.001888	0	0	0	0	0	0
0.003206	0	0	0	0	0	0
0.025198	0	0	0	0	0	0
0.003829	0	0	0	0	0	0
0.004362	0	0	0	0	0	0
0.003544	0	0	0	0	0	0
0.004148	0	0	0	0	0	0
0.124305	0	0	0	0	0	0
0.002677	0	0	0	0	0	0
0.00124	0	0	0	0	0	0
0.001063	0	0	0	0	0	0
0.001528	0	0	0	0	0	0
0.848248	0	0	0	0	0	0
0.401432	0	0	0	0	0	0
0.596561	0	0	0	0	0	0
0.166447	0	0	0	0	0	0
0.107938	0	0	0	0	0	0
0.040657	0	0	0	0	0	0
0.081018	0	0	0	0	0	0
0.131608	0	0	0	0	0	0
0.157076	0	0	0	0	0	0
0.123014	0	0	0	0	0	0
0.039252	0	0	0	0	0	0
0.046606	0	0	0	0	0	0
0.039141	0	0	0	0	0	0
0.033906	0	0	0	0	0	0
0.022324	0	0	0	0	0	0
0.046257	0	0	0	0	0	0
0.053249	0	0	0	0	0	0
0.043784	0	0	0	0	0	0

0.039675	0	0	0	0	0	0
0.067141	0	0	0	0	0	0
0.42822	0	0	0	0	0	0
0.174953	0	0	0	0	0	0
0.199491	0	0	0	0	0	0
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0.038566	0	0	0	0	0	0
0.03287	0	0	0	0	0	0
0.03757	0	0	0	0	0	0
0.057472	0	0	0	0	0	0
0.029087	0	0	0	0	0	0
0.027392	0	0	0	0	0	0
0.056175	0	0	0	0	0	0
0.013327	0	0	0	0	0	0
0.020712	0	0	0	0	0	0
0.063796	0	0	0	0	0	0
0.049157	0	0	0	0	0	0
0.039898	0	0	0	0	0	0
0.059766	0	0	0	0	0	0
0.077059	0	0	0	0	0	0
0.031215	0	0	0	0	0	0
0.01781	0	0	0	0	0	0
0.018759	0	0	0	0	0	0
0.04395	0	0	0	0	0	0
0.058983	0	0	0	0	0	0
0.019705	0	0	0	0	0	0
0.008497	0	0	0	0	0	0
0.007512	0	0	0	0	0	0
0.024734	0	0	0	0	0	0
0.006045	0	0	0	0	0	0
0.006604	0	0	0	0	0	0
0.00544	0	0	0	0	0	0
0.010871	0	0	0	0	0	0
0.020479	0	0	0	0	0	0
0.035279	0	0	0	0	0	0
0.037828	0	0	0	0	0	0
0.008852	0	0	0	0	0	0
0.014661	0	0	0	0	0	0
0.021886	0	0	0	0	0	0
0.022464	0	0	0	0	0	0
0.028746	0	0	0	0	0	0
0.009159	0	0	0	0	0	0
0.015028	0	0	0	0	0	0
0.008083	0	0	0	0	0	0
0.008936	0	0	0	0	0	0
0.015422	0	0	0	0	0	0
0.009384	0	0	0	0	0	0
0.008353	0	0	0	0	0	0
0.017625	0	0	0	0	0	0
0.020885	0	0	0	0	0	0

0.012317	0	0	0	0	0	0
0.036829	0	0	0	0	0	0
0.008821	0	0	0	0	0	0
0.010973	0	0	0	0	0	0
0.007503	0	0	0	0	0	0
0.009411	0	0	0	0	0	0
0.010451	0	0	0	0	0	0
0.014127	0	0	0	0	0	0
0.024877	0	0	0	0	0	0
0.027931	0	0	0	0	0	0
0.006149	0	0	0	0	0	0
0.003911	0	0	0	0	0	0
0.022051	0	0	0	0	0	0
0.010567	0	0	0	0	0	0
0.010597	0	0	0	0	0	0
0.012315	0	0	0	0	0	0
0.01761	0	0	0	0	0	0
0.009932	0	0	0	0	0	0
0.010437	0	0	0	0	0	0
0.293932	0	0	0	0	0	0
0.054528	0	0	0	0	0	0
0.095808	0	0	0	0	0	0
0.086064	0	0	0	0	0	0
0.110075	0	0	0	0	0	0
0.071952	0	0	0	0	0	0
0.117637	0	0	0	0	0	0
0.24066	0	0	0	0	0	0
0.089468	0	0	0	0	0	0
0.122298	0	0	0	0	0	0
0.064706	0	0	0	0	0	0
0.157864	0	0	0	0	0	0
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0.053448	0	0	0	0	0	0
0.166882	0	0	0	0	0	0
0.10251	0	0	0	0	0	0
0.187899	0	0	0	0	0	0
0.037759	0	0	0	0	0	0
0.099279	0	0	0	0	0	0
0.198793	0	0	0	0	0	0
0.025586	0	0	0	0	0	0
0.075406	0	0	0	0	0	0
0.068175	0	0	0	0	0	0
0.048842	0	0	0	0	0	0
0.021925	0	0	0	0	0	0
0.01021	0	0	0	0	0	0
0.012475	0	0	0	0	0	0
0.054805	0	0	0	0	0	0
0.05127	0	0	0	0	0	0
0.080365	0	0	0	0	0	0
0.028632	0	0	0	0	0	0

0.00299	0	0	0	0	0	0
0.002754	0	0	0	0	0	0
0.007153	0	0	0	0	0	0
0.018441	0	0	0	0	0	0
0.012802	0	0	0	0	0	0
0.005352	0	0	0	0	0	0
0.005029	0	0	0	0	0	0
0.179073	0	0	0	0	0	0
0.008529	0	0	0	0	0	0
0.002985	0	0	0	0	0	0
0.005074	0	0	0	0	0	0
0.01703	0	0	0	0	0	0
0.017332	0	0	0	0	0	0
0.024168	0	0	0	0	0	0
0.035344	0	0	0	0	0	0
0.031225	0	0	0	0	0	0
0.014723	0	0	0	0	0	0
0.045168	0	0	0	0	0	0
0.083006	0	0	0	0	0	0
0.006152	0	0	0	0	0	0
0.011138	0	0	0	0	0	0
0.004925	0	0	0	0	0	0
0.005995	0	0	0	0	0	0
0.005076	0	0	0	0	0	0
0.004288	0	0	0	0	0	0
0.00627	0	0	0	0	0	0
0.027915	0	0	0	0	0	0
0.012134	0	0	0	0	0	0
0.004427	0	0	0	0	0	0
0.003	0	0	0	0	0	0
0.004293	0	0	0	0	0	0
0.021868	0	0	0	0	0	0
0.021177	0	0	0	0	0	0
0.028413	0	0	0	0	0	0
0.016432	0	0	0	0	0	0
0.018327	0	0	0	0	0	0
0.009429	0	0	0	0	0	0
0.019645	0	0	0	0	0	0
0.009892	0	0	0	0	0	0
0.008153	0	0	0	0	0	0
0.005916	0	0	0	0	0	0
0.024536	0	0	0	0	0	0
0.005615	0	0	0	0	0	0
0.003311	0	0	0	0	0	0
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0.014414	0	0	0	0	0	0
0.016107	0	0	0	0	0	0
0.019407	0	0	0	0	0	0
0.049638	0	0	0	0	0	0
0.016086	0	0	0	0	0	0

0.031421	0	0	0	0	0	0
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0.01003	0	0	0	0	0	0
0.005763	0	0	0	0	0	0
0.007278	0	0	0	0	0	0
0.006886	0	0	0	0	0	0
0.0316	0	0	0	0	0	0
0.066904	0	0	0	0	0	0
0.063716	0	0	0	0	0	0
0.006558	0	0	0	0	0	0
0.006619	0	0	0	0	0	0
0.012069	0	0	0	0	0	0
0.015427	0	0	0	0	0	0
0.004752	0	0	0	0	0	0
0.012115	0	0	0	0	0	0
0.001288	0	0	0	0	0	0
0.011087	0	0	0	0	0	0
0.012481	0	0	0	0	0	0
0.00324	0	0	0	0	0	0
0.017038	0	0	0	0	0	0
0.953379	0	0	0	0	0	0
0.001666	0	0	0	0	0	0
0.004092	0.02	0	0	0	0	0
0.003013	0	0	0	0	0	0
0.002598	0	0	0	0	0	0
0.07247	0	0	0	0	0	0
0.057851	0	0	0	0	0	0
0.032651	0	0	0	0	0	0
0.031887	0	0	0	0	0	0
0.029807	0	0	0	0	0	0
0.0254	0	0	0	0	0	0
0.013619	0	0	0	0	0	0
0.034263	0	0	0	0	0	0
0.01842	0	0	0	0	0	0
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0.014112	0	0	0	0	0	0
0.041371	0	0	0	0	0	0
0.027462	0	0	0	0	0	0
0.026557	0	0	0	0	0	0
0.011539	0	0	0	0	0	0
0.022989	0	0	0	0	0	0
0.014181	0	0	0	0	0	0
0.015135	0	0	0	0	0	0
0.026676	0	0	0	0	0	0
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0.025853	0	0	0	0	0	0
0.02801	0	0	0	0	0	0
0.031901	0	0	0	0	0	0
0.030802	0	0	0	0	0	0
0.019111	0	0	0	0	0	0

0.055414	0	0	0	0	0	0
0.017705	0	0	0	0	0	0
0.06751	0	0	5	0	0	5
0.074013	0	0	0	0	0	0
0.006833	0	0	0	0	0	0
0.046987	0	0	0	0	0	0
0.046276	0	0	0	0	0	0
0.028741	0	0	0	0	0	0
0.013699	0	0	0	0	0	0
0.022566	0	0	0	0	0	0
0.007039	0	0	0	0	0	0
0.006763	0	0	0	0	0	0
0.018349	0	0	0	0	0	0
0.005296	0	0	0	0	0	0
0.010212	0	0	0	0	0	0
0.041301	0	0	0	0	0	0
0.013331	0	0	0	0	0	0
0.016375	0	0	0	0	0	0
0.009715	0	0	0	0	0	0
0.012632	0	0	0	0	0	0
0.035769	0	0	0	0	0	0
0.033796	0	0	0	0	0	0
0.023414	0	0	0	0	0	0
0.018593	0	0	0	0	0	0
0.02092	0	0	0	0	0	0
0.016018	0	0	0	0	0	0
0.015657	0	0	0	0	0	0
0.0162	0	0	0	0	0	0
0.039271	0	0	1	0	0	1
0.024941	0	0	0	5	0	5
0.005105	0	0	0	0	0	0
0.054979	0	0	0	0	0	0
0.060766	0	0	0	0	0	0
0.071874	0	0	0	0	0	0
0.057443	0	0	0	0	0	0
0.060797	0	0	0	0	0	0
0.003819	0	0	0	0	0	0
0.004166	0	0	0	0	0	0
0.005368	0	0	0	0	0	0
0.007998	0	0	0	0	0	0
0.003504	0	0	0	0	0	0
0.976439	0	0	0	0	0	0
0.020365	0	0	0	0	0	0
0.008605	0	0	0	0	0	0
0.008709	0	0	0	0	0	0
0.010993	0	0	0	0	0	0
0.132041	0.04	0	0	0	0	0
0.088023	0	0	0	0	0	0
0.076152	0	0	0	0	0	0
0.078686	0	0	0	0	0	0

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0.025426	0	0	0	0	0	0
0.029485	0	0	0	0	0	0
0.064976	0	0	0	0	0	0
0.026737	0	0	0	0	0	0
0.013158	0	0	0	0	0	0
0.013112	0	0	0	0	0	0
0.016554	0	0	0	0	0	0
0.016936	0	0	0	0	0	0
0.048686	0	0	0	0	0	0
0.01336	0	0	0	0	0	0
0.056727	0	0	0	0	0	0
0.083159	0	0	0	0	0	0
0.107397	0	0	0	0	0	0
0.038316	0	0	0	0	0	0
0.13804	0	0	0	0	0	0
0.060355	0	0	0	0	0	0
0.042264	0	0	0	0	0	0
0.219693	0	0	0	0	0	0
0.131318	0	0	0	0	0	0
0.564655	0	0	0	0	0	0
0.082695	0	0	0	0	0	0
0.132323	0	0	0	0	0	0
0.346199	0	0	0	0	0	0
0.172002	0	0	0	0	0	0
0.140147	0	0	0	0	0	0
0.167486	0	0	0	0	0	0
0.217807	0	0	0	0	0	0
0.276394	0	0	0	0	0	0
0.002426	0	0	0	0	0	0
0.001226	0	0	0	0	0	0
0.001214	0	0	0	0	0	0
0.002859	0	0	0	0	0	0
0.128393	0.03	0	0	0	0	0
0.061942	0	0	0	0	0	0
0.058982	0	0	0	0	0	0
0.046167	0	0	0	0	0	0
0.039597	0	0	0	0	0	0
0.041759	0	0	0	0	0	0
0.043495	0	0	0	0	0	0
0.102159	0	0	0	0	0	0
0.039594	0	0	0	0	0	0
0.041577	0	0	0	0	0	0
0.052157	0	0	0	0	0	0
0.092141	0	0	0	0	0	0
0.075799	0	0	0	0	0	0
0.009315	0	0	0	0	0	0
0.076749	0	0	0	0	0	0
0.004371	0	0	0	0	0	0
0.024811	0	0	0	0	0	0



0.020155	0	0	0	0	0	0
0.025747	0	0	0	0	0	0
0.031647	0	0	0	0	0	0
0.018151	0	0	0	0	0	0
0.044076	0	0	0	0	0	0
0.044243	0	0	0	0	0	0
0.04753	0	0	0	0	0	0
0.002076	0	0	0	0	0	0
0.005138	0	0	0	0	0	0
0.005134	0	0	0	0	0	0
0.002802	0	0	0	0	0	0
0.012438	0	0	0	0	0	0
0.006132	0	0	0	0	0	0
0.009277	0	0	0	0	0	0
0.004747	0	0	0	0	0	0
0.021589	0	0	0	0	0	0
0.045478	0.01	0	0	0	0	0
0.026046	0	0	0	0	0	0
0.10998	0	0	0	0	0	0
0.021695	0	0	0	0	0	0
0.019239	0	0	0	0	0	0
0.019884	0	0	0	0	0	0
0.016413	0	0	0	0	0	0
0.095702	0	0	0	0	0	0
0.018093	0	0	0	0	0	0
0.017001	0	0	0	0	0	0
0.037111	0	0	0	0	0	0
0.033926	0	0	0	0	0	0
0.045052	0	0	0	0	0	0
0.023529	0	0	0	0	0	0
0.030318	0	0	0	0	0	0
0.044887	0	0	0	0	0	0
0.075868	0	0	0	0	0	0
0.030493	0	0	0	0	0	0
0.035395	0	0	0	0	0	0
0.034015	0	0	0	0	0	0
0.037026	0	0	0	0	0	0
0.042262	0	0	0	0	0	0
0.058946	0.01	0	0	0	0	0
0.044199	0	0	0	0	0	0
0.061069	0	0	0	0	0	0
0.029072	0	0	0	0	0	0
0.127497	0	0	0	0	0	0
0.161419	0	0	0	0	0	0
0.164279	0	0	0	0	0	0
0.593974	0	0	6	4	0	10
0.01774	0	0	0	0	0	0
0.095301	0	0	0	0	0	0
0.051411	0	0	0	0	0	0
0.029587	0	0	0	0	0	0

0.055865	0	0	0	0	0	0
0.017184	0	0	0	0	0	0
0.022656	0	0	0	0	0	0
0.024669	0	0	0	0	0	0
0.10853	0	0	0	0	0	0
0.112251	0	0	0	0	0	0
0.031639	0	0	0	0	0	0
0.029535	0	0	0	0	0	0
0.045102	0	0	0	0	0	0
0.032443	0	0	0	0	0	0
0.058047	0	0	0	0	0	0
0.036085	0	0	0	0	0	0
0.054943	0	0	0	0	0	0
0.040095	0	0	0	0	0	0
0.012137	0	0	0	0	0	0
0.006583	0	0	0	0	0	0
0.013964	0	0	0	0	0	0
0.009199	0	0	0	0	0	0
0.00774	0	0	0	0	0	0
0.010609	0	0	0	0	0	0
0.006787	0	0	0	0	0	0
0.023659	0	0	0	0	0	0
0.03699	0	0	0	0	0	0
0.0065	0	0	0	0	0	0
0.0084	0	0	0	0	0	0
0.024369	0	0	0	0	0	0
0.005938	0	0	0	0	0	0
0.007159	0	0	0	0	0	0
0.007695	0	0	0	0	0	0
0.012568	0	0	0	0	0	0
0.007256	0	0	0	0	0	0
0.013494	0	0	0	0	0	0
0.020204	0	0	0	0	0	0
0.017139	0	0	0	0	0	0
0.063373	0	0	0	0	0	0
0.007489	0.01	0	0	0	0	0
0.008521	0	0	0	0	0	0
0.042586	0	0	0	0	0	0
0.061577	0	0	0	0	0	0
0.062648	0	0	0	0	0	0
0.145653	0	0	0	0	0	0
0.024165	0	0	0	0	0	0
0.045992	0	0	0	0	0	0
0.066908	0	0	0	0	0	0
0.146881	0.07	0	0	0	0	0
0.018486	0	0	0	0	0	0
0.066634	0	0	0	0	0	0
0.008449	0	0	0	0	0	0
0.005921	0	0	0	0	0	0
0.012219	0	0	0	0	0	0

0.001325	0	0	0	0	0	0
0.005113	0	0	0	0	0	0
0.002245	0	0	0	0	0	0
0.002376	0	0	0	0	0	0
0.001019	0	0	0	0	0	0
0.017309	0.04	0	0	0	0	0
0.901708	0	0	0	0	0	0
0.038631	0	0	0	0	0	0
0.038164	0	0	0	0	0	0
0.031236	0	0	0	0	0	0
0.037283	0	0	0	0	0	0
0.038874	0	0	0	0	0	0
0.046161	0	0	0	0	0	0
0.036331	0	0	0	0	0	0
0.029021	0	0	0	0	0	0
0.0034	0	1	0	0	0	1
0.001465	0	0	0	0	0	0
0.001912	0	0	0	0	0	0
0.038186	0	0	0	0	0	0
0.014759	0	0	0	0	0	0
0.001166	0	0	0	0	0	0
0.001336	0	0	0	0	0	0
0.001154	0	0	0	0	0	0
0.001899	0	0	0	0	0	0
0.002246	0	0	0	0	0	0
0.001984	0	0	0	0	0	0
0.002255	0	0	0	0	0	0
0.056098	0	0	0	0	0	0
0.001655	0	0	0	0	0	0
0.001394	0	0	0	0	0	0
0.001191	0	0	0	0	0	0
0.053877	0	0	0	0	0	0
0.055641	0	0	0	0	0	0
0.013495	0	0	0	0	0	0
0.004333	0	0	0	0	0	0
0.00348	0.02	0	0	0	0	0
0.018608	0	0	0	0	0	0
0.019036	0	0	0	0	0	0
0.009987	0	0	0	0	0	0
0.007439	0	0	0	0	0	0
0.015063	0	0	0	0	0	0
0.199894	0	0	0	0	0	0
0.072821	0	0	0	0	0	0
0.066991	0	0	0	0	0	0
0.001821	0	0	0	0	0	0
0.010255	0	0	0	0	0	0
0.094163	0	0	0	0	0	0
0.046003	0	0	0	0	0	0
0.022558	0	0	0	0	0	0
0.030157	0	0	0	0	0	0

0.180135	0	0	0	0	0	0
0.018264	0	0	0	0	0	0
0.159498	0	0	0	0	0	0
0.023461	0	0	0	0	0	0
0.061113	0	0	0	0	0	0
0.052623	0	0	0	0	0	0
0.062863	0	0	0	0	0	0
0.098564	0	0	0	0	0	0
0.080236	0	0	0	0	0	0
0.035772	0	0	0	0	0	0
0.06649	0	0	0	0	0	0
0.040052	0	0	0	0	0	0
0.005653	0	0	0	0	0	0
0.012145	0.01	0	0	0	0	0
0.04314	0	0	0	0	0	0
0.055394	0	0	0	0	0	0
0.037168	0	0	0	0	0	0
0.031116	0	0	0	0	0	0
0.145601	0	0	0	0	0	0
0.05119	0	0	0	0	0	0
0.060417	0	0	0	0	0	0
0.00018	0	0	0	0	0	0
0.001786	0	0	0	0	0	0
0.000746	0	0	0	0	0	0
0.00188	0	0	0	0	0	0
0.001559	0	0	0	0	0	0
0.002699	0	0	0	0	0	0
0.001324	0	0	0	0	0	0
0.001068	0	0	0	0	0	0
0.001276	0	0	0	0	0	0
0.003429	0	0	0	0	0	0
0.00207	0	0	0	0	0	0
0.005744	0	0	0	0	0	0
0.008572	0	0	0	0	0	0
0.005582	0	0	0	0	0	0
0.002397	0	0	0	0	0	0
0.002746	0	0	0	0	0	0
0.003267	0	0	0	0	0	0
0.002831	0	0	0	0	0	0
0.00269	0	0	0	0	0	0
0.003663	0	0	0	0	0	0
0.016828	0	0	0	0	0	0
0.002361	0	0	0	0	0	0
0.002397	0	0	0	0	0	0
0.001965	0	0	0	0	0	0
0.025672	0	0	0	0	0	0
0.040852	0	7	0	0	0	7
0.00546	0	0	0	0	0	0
0.053737	0	0	0	0	0	0
0.014433	0	0	0	0	0	0

0.014931	0	0	0	0	0	0
0.011845	0	0	0	0	0	0
0.010377	0	0	0	0	0	0
0.013502	0	0	0	0	0	0
0.014086	0	0	0	0	0	0
0.010228	0	0	0	0	0	0
0.017036	0	0	0	0	7	7
0.014671	0	0	0	0	0	0
0.00592	0	0	0	0	0	0
0.005406	0	0	0	0	0	0
0.016996	0	0	0	0	0	0
0.011585	0	0	0	0	0	0
0.004917	0	0	0	0	0	0
0.005172	0	0	0	0	0	0
0.008156	0	0	0	0	0	0
0.004294	0	0	0	0	0	0
0.010827	0.02	0	0	0	0	0
0.006727	0	0	0	0	0	0
0.00889	0	0	0	0	0	0
0.005912	0	0	0	0	0	0
0.015022	0	0	0	0	0	0
0.012016	0	0	0	0	0	0
0.013745	0	0	0	0	0	0
0.011329	0	0	0	0	0	0
0.013677	0	0	0	0	0	0
0.013927	0	0	0	0	0	0
0.007419	0	0	0	0	0	0
0.004799	0	0	0	0	0	0
0.0405	0	0	0	0	0	0
0.059405	0	0	0	0	0	0
0.117177	0	0	0	0	0	0
0.051476	0.01	0	0	0	0	0
0.121222	0	0	0	0	0	0
0.014553	0	0	0	0	0	0
0.05923	0	0	0	0	0	0
0.032278	0	0	0	0	0	0
0.030477	0	0	0	0	0	0
0.0313	0	0	0	0	0	0
0.013695	0	0	0	0	0	0
0.039105	0	0	0	0	0	0
0.023644	0	0	0	0	0	0
0.020477	0	0	0	0	0	0
0.028709	0	0	0	0	0	0
0.024219	0	0	0	0	0	0
0.028251	0	0	0	0	0	0
0.019669	0	0	0	0	0	0
0.020485	0	0	0	0	0	0
0.012721	0	0	0	0	0	0
0.045588	0	0	0	0	4	4
0.034076	0	4	0	0	0	4

0.009276	0	0	0	0	0	0
0.016547	0	0	0	0	0	0
0.005891	0	0	0	0	0	0
0.012093	0	0	0	0	0	0
0.005961	0	0	0	0	0	0
0.008746	0	0	0	0	0	0
0.00639	0	0	0	0	0	0
0.005247	0	0	0	0	0	0
0.01328	0	0	0	0	0	0
0.023146	0	0	0	0	0	0
0.007098	0	0	0	0	0	0
0.1097	0	0	0	0	0	0
0.045821	0	0	0	0	0	0
0.030111	0	0	0	0	0	0
0.27084	0.01	0	0	0	0	0
0.062717	0	0	0	0	0	0
0.103565	0	0	0	0	0	0
0.101659	0	0	0	0	0	0
0.060324	0	0	0	0	0	0
0.144108	0	0	0	0	0	0
0.059176	0	0	0	0	0	0
0.202596	0	0	0	0	0	0
0.221703	0	0	0	0	0	0
0.050192	0	0	0	0	0	0
0.058725	0	0	0	0	4	4
0.036674	0	4	0	0	0	4
0.026763	0	0	0	0	0	0
0.039795	0	0	0	0	0	0
0.037594	0	0	0	0	0	0
0.063349	0	0	0	0	0	0
0.081629	0	0	0	0	0	0
0.037925	0	0	0	0	0	0
0.037499	0	0	0	0	0	0
0.033973	0	0	0	0	0	0
0.027508	0	0	0	0	0	0
0.066536	0	0	0	0	0	0
0.020532	0	0	0	0	0	0
0.061682	0	0	0	0	0	0
0.111331	0	0	0	0	0	0
0.100032	0	0	0	0	0	0
0.062974	0	0	0	0	0	0
0.048768	0	0	0	0	0	0
0.015463	0	0	0	0	0	0
0.041097	0	0	0	0	0	0
0.048611	0	0	0	0	0	0
0.04015	0	0	0	0	0	0
0.060601	0	0	0	0	0	0
0.11333	0	0	0	0	0	0
0.034007	0	0	0	0	0	0
0.064082	0	0	0	0	0	0

0.502625	0.03	0	0	0	0	0
0.036247	0.05	0	14	2	0	16
0.24063	0	0	0	0	0	0
0.028741	0	0	0	0	0	0
0.127508	0	0	0	0	0	0
0.086428	0	0	3	3	0	6
0.036825	0	0	0	0	0	0
0.083282	0	0	2	2	0	4
0.003901	0	0	0	0	0	0
0.016874	0.02	0	1	0	0	1
0.013703	0	0	0	0	0	0
0.032664	0.02	0	0	0	0	0
0.027984	0	0	0	0	0	0
0.069128	0	0	0	0	0	0
0.037196	0	0	0	0	0	0
0.052108	0	0	0	0	0	0
0.049047	0	0	0	0	0	0
0.055498	0	0	0	0	0	0
0.04938	0	0	0	0	0	0
0.066534	0	0	0	0	0	0
0.053055	0	0	0	0	0	0
0.037947	0	0	0	0	0	0
0.05569	0	0	0	0	0	0
0.017418	0	0	0	0	0	0
0.025875	0	0	0	0	0	0
0.045077	0	0	0	0	0	0
0.025317	0	0	0	0	0	0
0.043715	0	0	0	0	0	0
0.020254	0	0	0	0	0	0
0.164473	0	0	0	0	0	0
0.031868	0	0	0	0	0	0
0.021065	0	0	0	0	0	0
0.121641	0	0	0	0	0	0
0.043427	0	0	0	0	0	0
0.033274	0	0	0	0	0	0
0.085514	0	0	0	0	0	0
0.019348	0	0	0	0	0	0
0.037326	0	0	0	0	0	0
0.046025	0	0	0	0	0	0
0.045258	0	0	0	0	0	0
0.021424	0	0	0	0	0	0
0.022781	0	0	0	0	0	0
0.052497	0	0	0	0	0	0
0.058507	0	0	0	0	0	0
0.05882	0	0	0	0	0	0
0.046192	0	0	0	0	0	0
0.057125	0	0	0	0	0	0
0.069157	0	0	0	0	0	0
0.054715	0	0	0	0	0	0
0.033157	0	0	0	0	0	0

0.048612	0	0	0	0	0	0
0.071638	0	0	0	0	0	0
0.054191	0	0	0	0	0	0
0.029487	0	0	0	0	0	0
0.029296	0	0	0	0	0	0
0.021958	0	0	0	0	0	0
0.089059	0	0	0	0	0	0
0.021182	0	0	0	0	0	0
0.052896	0	0	0	0	0	0
0.03112	0	0	0	0	0	0
0.027264	0	0	0	0	0	0
0.017437	0	0	0	0	0	0
0.029413	0	0	0	0	0	0
0.010609	0	0	0	0	0	0
0.022645	0	0	0	0	0	0
0.023697	0	0	0	0	0	0
0.082321	0	0	0	0	0	0
0.018492	0	0	0	0	0	0
0.031355	0	0	0	0	0	0
0.010729	0	0	0	0	0	0
0.013211	0	0	0	0	0	0
0.00987	0	0	0	0	0	0
0.204148	0	0	0	0	0	0
0.036236	0	0	0	0	0	0
0.063	0	0	0	0	0	0
0.17124	0	0	0	0	0	0
0.136525	0	0	0	0	0	0
0.04725	0	0	0	0	0	0
0.09597	0	0	0	0	0	0
0.105005	0	0	0	0	0	0
0.036948	0	0	0	0	0	0
0.042662	0	0	0	0	0	0
0.47659	0	0	0	0	0	0
0.003853	0	0	0	0	0	0
0.001558	0	0	0	0	0	0
0.005497	0	0	0	0	0	0
0.004397	0	0	0	0	0	0
0.001971	0	0	0	0	0	0
0.003786	0	0	0	0	0	0
0.007192	0	0	0	0	0	0
0.001648	0	0	0	0	0	0
0.003297	0	0	0	0	0	0
0.00271	0	0	0	0	0	0
0.010481	0	0	0	0	0	0
0.024324	0	0	0	0	0	0
0.009263	0	0	0	0	0	0
0.011563	0	0	0	0	0	0
0.003959	0	0	0	0	0	0
0.001551	0	0	0	0	0	0
0.001792	0	0	0	0	0	0



0.005718	0	0	0	0	0	0
0.003538	0	0	0	0	0	0
0.01257	0	0	0	0	0	0
0.007277	0	0	0	0	0	0
0.005382	0	0	0	0	0	0
0.010548	0	0	0	0	0	0
0.006948	0	0	0	0	0	0
0.00518	0	0	0	0	0	0
0.12534	0	0	0	0	0	0
0.09456	0	0	0	0	0	0
0.11103	0	0	0	0	0	0
0.170238	0.04	0	0	0	0	0
0.033212	0	0	0	0	0	0
0.015673	0	0	0	0	0	0
0.026247	0	0	0	0	0	0
0.012513	0	0	0	0	0	0
0.091519	0	0	0	0	0	0
0.05368	0	0	0	0	0	0
0.007933	0	0	0	0	0	0
0.025849	0	0	0	0	0	0
0.001026	0	0	0	0	0	0
0.003077	0	0	0	0	0	0
0.00483	0	0	0	0	0	0
0.000436	0	0	0	0	0	0
0.15589	0	0	0	0	0	0
0.221023	0	0	0	0	0	0
0.020688	0	0	0	0	0	0
0.018407	0	0	0	0	0	0
0.031948	0	0	0	0	0	0
0.025334	0	0	0	0	0	0
0.01656	0	0	0	0	0	0
0.023041	0	0	0	0	0	0
0.083023	0	0	0	0	0	0
0.046728	0	0	0	0	0	0
0.027194	0	0	0	0	0	0
0.030348	0	0	0	0	0	0
0.033604	0	0	0	0	0	0
0.034926	0	0	0	0	0	0
0.0444	0	0	0	0	0	0
0.019876	0	0	0	0	0	0
0.034688	0	0	0	0	0	0
0.016057	0	0	0	0	0	0
0.017084	0	0	0	0	0	0
0.015948	0	0	0	0	2	2
0.017272	0	2	0	0	0	2
0.020879	0	0	0	0	0	0
0.018886	0	0	0	0	0	0
0.014012	0	0	0	0	0	0
0.008893	0	0	0	0	0	0
0.018213	0	0	0	0	0	0

0.009349	0	0	0	0	0	0
0.021304	0	0	0	0	0	0
0.024249	0	0	0	0	0	0
0.02172	0	0	0	0	0	0
0.020977	0	0	0	0	0	0
0.010074	0	0	0	0	0	0
0.006796	0	0	0	0	0	0
0.008776	0	0	0	0	0	0
0.012047	0	0	0	0	0	0
0.011888	0	0	0	0	0	0
0.022598	0	0	0	0	0	0
0.004993	0	0	0	0	0	0
0.044796	0	0	0	0	0	0
0.005116	0	0	0	0	0	0
0.005612	0	0	0	0	0	0
0.006065	0	0	0	0	0	0
0.010792	0	0	0	0	0	0
0.006767	0	0	0	0	0	0
0.002951	0	0	0	0	0	0
0.031202	0	0	0	0	0	0
0.019252	0	0	0	0	0	0
0.018842	0	0	0	0	0	0
0.018836	0	0	0	0	0	0
0.033257	0	0	0	0	0	0
0.017166	0	0	0	0	0	0
0.01786	0	0	0	0	0	0
0.016889	0	0	0	0	0	0
0.056891	0	0	0	0	0	0
0.007749	0	0	0	0	0	0
0.008847	0	0	0	0	0	0
0.008869	0	0	0	0	0	0
0.006317	0	0	0	0	0	0
0.023905	0	0	0	0	0	0
0.006842	0	0	0	0	0	0
0.012472	0	0	0	0	0	0
0.005712	0	0	0	0	0	0
0.004834	0	0	0	0	0	0
0.006835	0	0	0	0	0	0
0.018016	0	0	0	0	0	0
0.004815	0	0	0	0	0	0
0.003609	0	0	0	0	0	0
0.007453	0	0	0	0	0	0
0.006254	0	0	0	0	0	0
0.00547	0	0	0	0	0	0
0.005872	0	0	0	0	0	0
0.005503	0	0	0	0	0	0
0.002543	0	0	0	0	0	0
0.004604	0	0	0	0	0	0
0.006957	0	0	0	0	0	0
0.011699	0	0	0	0	0	0

0.003185	0	0	0	0	0	0
0.002846	0	0	0	0	0	0
0.002907	0	0	0	0	0	0
0.00402	0	0	0	0	0	0
0.004345	0	0	0	0	0	0
0.002907	0	0	0	0	0	0
0.005299	0	0	0	0	0	0
0.003538	0	0	0	0	0	0
0.015461	0	0	0	0	0	0
0.012997	0	0	0	0	0	0
0.004528	0	0	0	0	0	0
0.012963	0	0	0	0	0	0
0.022499	0	0	0	0	0	0
0.009649	0	0	0	0	0	0
0.007472	0	0	0	0	0	0
0.022451	0	0	0	0	0	0
0.00862	0	0	0	0	8	8
0.151779	0	8	0	1	0	9
0.322974	0	0	0	0	0	0
0.007034	0	0	0	0	0	0
0.004329	0	0	0	0	0	0
0.01272	0	0	0	0	0	0
0.010501	0	0	0	0	0	0
0.044921	0	0	0	0	0	0
0.135911	0	0	0	0	0	0
0.142488	0	0	0	0	0	0
0.010729	0	0	0	0	0	0
0.242951	0.03	0	0	0	0	0
0.043228	0	0	0	0	0	0
0.13036	0	0	3	0	0	3
0.071211	0	6	0	0	0	6
0.015173	0	0	0	0	0	0
0.056243	0	0	0	0	0	0
0.024495	0	0	0	0	0	0
0.001143	0	0	0	0	0	0
0.045112	0	0	0	0	0	0
0.039898	0	0	0	0	0	0
0.367505	0	0	2	0	0	2
0.003698	0	0	0	0	6	6
0.011387	0	0	0	0	0	0
0.005392	0	0	0	0	0	0
0.01478	0	0	0	0	0	0
0.01331	0	0	0	0	0	0
0.00092	0	0	0	0	0	0
0.009508	0	0	0	0	0	0
0.014168	0	0	0	0	0	0
0.024348	0	0	0	0	0	0
0.008698	0	0	0	0	0	0
0.007782	0	0	0	0	0	0
0.011777	0	0	0	0	0	0

0.021361	0	0	0	0	0	0
0.013767	0	0	0	0	0	0
0.00688	0	0	0	0	0	0
0.005433	0	0	0	0	0	0
0.004915	0	0	0	0	0	0
0.003675	0	0	0	0	0	0
0.009561	0	0	0	0	0	0
0.032521	0	0	0	0	0	0
0.033379	0	0	0	0	0	0
0.004579	0	0	0	0	0	0
0.017904	0	0	0	0	0	0
0.012637	0	0	0	0	0	0
0.016421	0	0	0	0	0	0
0.009116	0	0	0	0	0	0
0.026626	0	0	0	0	0	0
0.008393	0	0	0	0	0	0
0.025164	0	0	0	0	0	0
0.025471	0	0	0	0	0	0
0.015154	0	0	0	0	0	0
0.019845	0	0	0	0	0	0
0.034523	0	0	0	0	0	0
0.034412	0	0	0	0	0	0
0.044507	0	0	0	0	0	0
0.02231	0	0	0	0	0	0
0.036629	0	0	0	0	0	0
0.224073	0.05	0	0	0	0	0
0.031809	0	0	0	0	0	0
0.041234	0	0	0	0	0	0
0.02618	0	0	0	0	0	0
0.056798	0	0	0	0	0	0
0.039562	0	0	0	0	0	0
0.029225	0	0	0	0	0	0
0.024202	0	0	0	0	0	0
0.035473	0	0	0	0	0	0
0.021987	0	0	0	0	0	0
0.046454	0	0	0	0	0	0
0.017677	0	0	0	0	0	0
0.032433	0	0	0	0	0	0
0.126477	0	0	0	0	0	0
0.311488	0	0	0	0	0	0
0.03489	0	0	0	0	0	0
0.20795	0	0	0	0	0	0
0.027465	0	0	0	0	0	0
0.033933	0	0	0	0	0	0
0.023839	0	0	0	0	0	0
0.018374	0	0	0	0	0	0
0.022431	0	0	0	0	0	0
0.022278	0	0	0	0	0	0
0.025916	0	0	0	0	0	0
0.03986	0	0	0	0	0	0

0.02679	0	0	0	0	0	0
0.048511	0	0	0	0	0	0
0.030084	0	0	0	0	0	0
0.037768	0	0	0	0	0	0
0.040073	0	0	0	0	0	0
0.021164	0	0	0	0	0	0
0.025899	0	0	0	0	0	0
0.01709	0	0	0	0	0	0
0.021387	0	0	0	0	0	0
0.017959	0	0	0	0	0	0
0.055137	0	0	0	0	0	0
0.059475	0	0	0	0	0	0
0.038958	0	0	0	0	0	0
0.031055	0	0	0	0	0	0
0.07986	0	0	0	0	0	0
0.054942	0	0	0	0	0	0
0.037134	0	0	0	0	0	0
0.066657	0	0	0	0	0	0
0.048026	0	0	0	0	0	0
0.052533	0	0	0	0	0	0
0.142214	0	0	0	0	0	0
0.014496	0	0	0	0	0	0
0.02256	0	0	0	0	0	0
0.014975	0	0	0	0	0	0
0.023776	0	0	0	0	0	0
0.024381	0	0	0	0	0	0
0.014483	0	0	0	0	0	0
0.034412	0	0	3	3	0	6
0.021334	0	0	0	0	0	0
0.025417	0	0	0	0	0	0
0.014186	0	0	0	0	0	0
0.025757	0	0	0	0	0	0
0.016174	0	0	0	0	0	0
0.033125	0	0	0	0	0	0
0.043486	0	0	0	0	0	0
0.039507	0	0	0	0	0	0
0.088932	0	0	0	0	0	0
0.029411	0	0	0	0	0	0
0.0948	0	0	0	0	0	0
0.05584	0	0	0	0	0	0
0.116088	0	0	0	0	0	0
0.072454	0	0	0	0	0	0
0.032285	0	0	0	2	0	2
0.016454	0	0	0	0	0	0
0.044057	0	0	0	0	0	0
0.198409	0	0	0	0	0	0
0.014135	0	0	0	0	0	0
0.018644	0	0	0	0	0	0
0.015381	0	0	0	0	0	0
0.016762	0	0	0	0	0	0

0.010439	0	0	0	0	0	0
0.01483	0	0	0	0	0	0
0.019549	0	0	0	0	0	0
0.189789	0	0	0	0	0	0
0.032731	0	0	0	0	0	0
0.030728	0	0	0	0	0	0
0.021658	0	0	0	0	0	0
0.022378	0	0	0	0	0	0
0.03037	0	0	0	0	0	0
0.030446	0	0	0	0	0	0
0.031876	0	0	0	0	0	0
0.023394	0	0	0	0	0	0
0.012189	0	0	0	0	0	0
0.043781	0	0	0	0	0	0
0.041077	0	0	0	0	0	0
0.059323	0	0	0	0	0	0
0.042809	0	0	0	0	0	0
0.033852	0	0	0	0	0	0
0.015404	0	0	0	0	0	0
0.502384	0	0	0	0	0	0
0.032182	0	0	0	0	0	0
0.064374	0	0	0	0	0	0
0.055	0	0	0	0	0	0
0.036896	0	0	0	0	0	0
0.068091	0	0	0	0	0	0
0.062843	0	0	0	0	0	0
0.058494	0	0	0	0	0	0
0.153973	0	0	0	0	0	0
0.081671	0	0	0	0	0	0
0.022743	0	0	0	0	0	0
0.02139	0	0	0	0	0	0
0.023599	0	0	0	0	0	0
0.035826	0	0	0	0	0	0
0.025823	0	0	0	0	0	0
0.024425	0	0	0	0	0	0
0.040465	0	0	0	0	0	0
0.019901	0	0	0	0	0	0
0.025102	0	0	0	0	0	0
0.018166	0	0	0	0	0	0
0.036408	0	0	0	0	0	0
0.065508	0	0	0	0	2	2
0.026892	0	0	0	0	0	0
0.032124	0	0	0	0	0	0
0.046324	0	0	0	0	0	0
0.019282	0	0	0	0	0	0
0.019515	0	0	0	0	0	0
0.021741	0	0	0	0	0	0
0.020548	0	0	0	0	0	0
0.02114	0	0	0	0	0	0
0.075248	0	0	0	0	0	0

0.096304	0	0	0	0	0	0
0.084102	0	0	0	0	0	0
0.074105	0	0	0	0	0	0
0.066941	0	0	0	0	0	0
0.011257	0	0	0	0	0	0
0.057753	0	0	0	0	0	0
0.05771	0	0	0	0	0	0
0.086417	0	0	0	0	0	0
0.112098	0	0	0	0	0	0
0.343229	0	0	0	0	0	0
0.031237	0	0	0	0	0	0
0.033728	0	0	0	0	0	0
0.06096	0	0	0	0	0	0
0.01116	0	0	0	0	0	0
0.013368	0	0	0	0	0	0
0.013168	0	0	0	0	0	0
0.091073	0	0	0	0	0	0
0.034652	0	0	0	0	0	0
0.014157	0	0	0	0	0	0
0.015868	0	0	0	0	0	0
0.010383	0	0	0	0	0	0
0.0124	0	0	0	0	0	0
0.132229	0.17	0	0	0	0	0
0.027868	0	0	0	0	0	0
0.009317	0	0	0	0	0	0
0.010608	0	0	0	0	0	0
0.006403	0	0	0	0	0	0
0.028329	0	0	0	0	0	0
0.019165	0	0	0	0	0	0
0.039722	0	0	0	0	0	0
0.024669	0	0	0	0	0	0
0.017437	0	0	0	0	0	0
0.024274	0	0	0	0	0	0
0.013377	0	0	0	0	0	0
0.114927	0	0	0	0	0	0
0.248282	0	0	0	0	0	0
0.053978	0	0	0	0	0	0
0.067624	0	0	0	0	0	0
0.050223	0	0	0	0	0	0
0.040454	0	0	0	0	0	0
0.078269	0	0	0	0	0	0
0.23504	0.01	0	0	0	0	0
0.411932	0.14	0	0	0	0	0
0.316163	0.07	0	0	0	0	0
0.048143	0	0	0	0	0	0
0.05452	0	0	0	0	0	0
0.065702	0	0	0	0	0	0
0.054713	0	0	0	0	0	0
0.08664	0	0	0	0	0	0
0.115659	0	0	0	0	0	0

0.11373	0	0	0	0	0	0
0.047358	0	0	0	0	0	0
0.049438	0	0	0	0	0	0
0.159253	0	0	0	0	0	0
0.059184	0	0	0	0	0	0
0.079912	0	0	0	0	0	0
0.187982	0	0	0	0	0	0
0.138301	0	0	0	0	0	0
0.036957	0	0	0	0	0	0
0.796947	0	0	0	0	0	0
0.21526	0	0	0	0	0	0
0.005977	0	0	0	0	0	0
0.009581	0	0	0	0	0	0
0.000309	0	0	0	0	0	0
0.004162	0	0	0	0	0	0
0.071109	0.01	0	0	0	0	0
0.059816	0	0	0	0	0	0
0.064147	0	0	0	0	0	0
0.027433	0	0	0	0	0	0
0.173155	0	0	0	0	0	0
0.024166	0	0	0	0	0	0
0.149678	0	0	0	0	0	0
0.247593	0	0	0	0	0	0
0.041914	0	0	0	0	0	0
0.03855	0	0	0	0	0	0
0.010232	0	0	0	0	0	0
0.002444	0	0	0	0	0	0
0.003378	0	0	0	0	0	0
0.001956	0	0	0	0	0	0
0.00573	0	0	0	0	0	0
0.019366	0	0	0	0	0	0
0.007567	0	0	0	0	0	0
0.006897	0	0	0	0	0	0
0.009528	0	0	0	0	0	0
0.012151	0	0	0	0	0	0
0.061013	0	0	0	0	0	0
0.008393	0	0	0	0	0	0
0.009699	0	0	0	0	0	0
0.551691	0	0	0	0	0	0
0.022452	0	0	0	0	0	0
0.05369	0	0	0	0	0	0
0.019467	0	0	0	0	0	0
0.010296	0	0	0	0	0	0
0.019953	0	0	0	0	0	0
0.004839	0	0	0	0	0	0
0.016395	0	0	0	0	0	0
0.039704	0	0	0	0	0	0
0.008807	0	0	0	0	0	0
0.006305	0	0	0	0	0	0
0.00457	0	0	0	0	0	0



0.006576	0	0	0	0	0	0
0.006444	0	0	0	0	0	0
0.026044	0	0	0	0	0	0
0.021674	0	0	0	0	0	0
0.002965	0	0	0	0	0	0
0.018125	0	0	0	0	0	0
0.011976	0	0	0	0	0	0
0.108425	0	0	0	0	0	0
0.07731	0	0	0	0	0	0
0.012151	0	0	0	0	0	0
0.011514	0	0	0	0	0	0
0.005545	0	0	0	0	0	0
0.061771	0	0	0	0	0	0
0.061328	0	0	0	0	0	0
0.063089	0	0	0	0	0	0
0.044325	0	0	0	0	0	0
0.051898	0	0	0	0	0	0
0.040925	0	0	0	0	0	0
0.046565	0	0	0	0	0	0
0.05255	0	0	0	0	0	0
0.043047	0	0	0	0	0	0
0.045025	0	0	0	0	0	0
0.046862	0	0	0	0	0	0
0.080326	0	0	0	0	0	0
0.047025	0	0	0	0	0	0
0.048076	0	0	0	0	0	0
0.046939	0	0	0	0	0	0
0.020247	0	0	0	0	0	0
0.040459	0	0	0	0	0	0
0.067661	0	0	0	0	0	0
0.054551	0	0	0	0	0	0
0.026231	0	0	0	0	0	0
0.040015	0	0	0	0	0	0
0.041152	0	0	0	0	0	0
0.063074	0	0	0	0	0	0
0.015915	0	0	0	0	0	0
0.009557	0	0	0	0	6	6
0.009671	0	6	0	0	0	6
0.014325	0	0	0	0	0	0
0.008146	0	0	0	0	0	0
0.047782	0	0	0	0	0	0
0.045624	0	0	0	0	0	0
0.025147	0	0	0	0	0	0
0.007369	0	0	0	0	0	0
0.008283	0	0	0	0	3	3
0.028711	0	0	0	0	0	0
0.009094	0	3	0	0	0	3
0.007805	0	0	0	0	0	0
0.012375	0	0	0	0	0	0
0.01348	0	0	0	0	0	0

0.008031	0	0	0	0	0	0
0.010099	0	0	3	0	0	3
0.004412	0	0	0	0	0	0
0.00961	0	0	0	0	0	0
0.031823	0	0	0	0	0	0
0.063741	0	0	0	0	0	0
0.03371	0	0	0	0	0	0
0.045235	0	0	0	0	0	0
0.035713	0	0	0	0	0	0
0.030526	0	0	0	0	0	0
0.015282	0	0	0	0	0	0
0.071799	0	0	0	0	0	0
0.053197	0	0	0	0	0	0
0.042164	0	0	0	0	0	0
0.05437	0	0	0	0	0	0
0.056731	0	0	0	0	0	0
0.060524	0	0	0	0	0	0
0.073197	0	0	0	0	0	0
0.039962	0	0	0	0	0	0
0.031423	0	0	0	0	0	0
0.048289	0	0	0	0	0	0
0.035282	0	0	0	0	0	0
0.027103	0	0	0	0	0	0
0.063322	0	0	0	0	0	0
0.033533	0	0	0	0	0	0
0.030179	0	0	0	0	0	0
0.030021	0	0	0	0	0	0
0.024912	0	0	0	0	0	0
0.029695	0	0	0	0	0	0
0.032947	0	0	0	0	0	0
0.028539	0	0	0	0	0	0
0.020929	0	0	0	0	0	0
0.016954	0	0	0	0	0	0
0.051084	0	0	0	0	0	0
0.024726	0	0	0	0	0	0
0.021222	0	0	0	0	0	0
0.02351	0	0	0	0	0	0
0.018123	0	0	0	0	0	0
0.064138	0	0	0	0	0	0
0.013839	0	0	0	0	0	0
0.089145	0	0	0	0	0	0
0.057954	0	0	0	0	0	0
0.030186	0	0	0	0	0	0
0.053288	0	0	0	0	0	0
0.062117	0	0	0	0	0	0
0.047367	0	0	0	0	0	0
0.047932	0	0	0	0	0	0
0.056146	0	0	0	0	0	0
0.04234	0	0	0	0	0	0
0.003661	0	0	0	0	0	0

0.005274	0	0	0	0	0	0
0.00584	0	0	0	0	0	0
0.009891	0	0	0	0	0	0
0.007123	0	0	0	0	0	0
0.040296	0	0	0	0	0	0
0.011284	0	0	0	0	0	0
0.01149	0	0	0	0	0	0
0.002981	0	0	0	0	0	0
0.013516	0	0	0	0	0	0
0.007632	0	0	0	0	0	0
0.002853	0	0	0	0	0	0
0.004972	0	0	0	0	0	0
0.003832	0	0	0	0	0	0
0.003952	0	0	0	0	0	0
0.005302	0	0	0	0	0	0
0.002516	0	0	0	0	0	0
0.008817	0	0	0	0	0	0
0.002665	0	0	0	0	0	0
0.003293	0	0	0	0	0	0
0.002667	0	0	0	0	0	0
0.003093	0	0	0	0	0	0
0.00694	0	0	0	0	0	0
0.005267	0	0	0	0	0	0
0.003932	0	0	0	0	0	0
0.004097	0	0	0	0	0	0
0.007085	0	0	0	0	0	0
0.008522	0	0	0	0	0	0
0.00188	0	0	0	0	0	0
0.002523	0	0	0	0	0	0
0.001307	0	0	0	0	0	0
0.002085	0	0	0	0	0	0
0.006118	0	0	0	0	0	0
0.005361	0	0	0	0	0	0
0.006991	0	0	0	0	0	0
0.004053	0	0	0	0	0	0
0.393504	0.15	0	0	0	0	0
0.075655	0.01	0	0	0	0	0
0.017322	0	0	0	0	0	0
0.008256	0	0	0	0	0	0
0.073255	0	0	0	0	0	0
0.058162	0	0	0	0	0	0
0.086056	0	0	0	0	0	0
0.072786	0	0	0	0	0	0
0.074044	0	0	0	0	0	0
0.190841	0	0	0	0	0	0
0.041541	0	0	0	0	0	0
0.032908	0	0	0	0	0	0
0.05776	0	0	0	0	0	0
0.04875	0	0	0	0	0	0
0.018241	0	0	0	0	0	0

0.019233	0	0	0	0	0	0
0.017838	0	0	0	0	0	0
0.065289	0	0	0	0	0	0
0.050643	0	0	0	0	0	0
0.027545	0	0	0	0	0	0
0.024541	0	0	0	0	0	0
0.036339	0	0	0	0	0	0
0.019806	0	0	0	0	0	0
0.021681	0	0	0	0	0	0
0.021073	0	0	0	0	0	0
0.060462	0	0	0	0	0	0
0.026449	0	0	0	0	0	0
0.014418	0	0	0	0	0	0
0.02858	0	0	0	0	0	0
0.061805	0	0	0	0	0	0
0.015026	0	0	0	0	0	0
0.05318	0	0	0	0	0	0
0.049681	0	0	0	0	0	0
0.034873	0	0	0	0	0	0
0.041509	0	0	0	0	0	0
0.076914	0	0	0	0	0	0
0.071786	0	0	0	0	0	0
0.03246	0	0	0	0	0	0
0.100886	0	0	0	0	0	0
0.016243	0	0	0	0	0	0
0.013957	0	0	0	0	0	0
0.055209	0	0	0	0	0	0
0.077583	0	0	0	0	0	0
0.028895	0	0	0	0	0	0
0.062248	0	0	0	0	0	0
0.035514	0	0	0	0	0	0
0.131161	0.02	0	0	0	0	0
0.03591	0	0	0	0	0	0
0.131469	0	0	0	0	0	0
0.034538	0	0	0	0	0	0
0.024978	0	0	0	0	0	0
0.016044	0	0	0	0	0	0
0.037741	0	0	0	0	0	0
0.02523	0	0	0	0	0	0
0.035745	0	0	0	0	0	0
0.027205	0	0	0	0	0	0
0.019974	0	0	0	0	0	0
0.239245	0	0	0	0	0	0
0.122296	0	0	0	0	0	0
0.288847	0	0	0	0	0	0
0.054485	0	0	0	0	0	0
0.117405	0	0	0	0	0	0
0.074599	0	0	0	0	0	0
0.079076	0	0	0	0	0	0
0.460847	0.06	0	0	0	0	0

0.287421	0	0	0	0	0	0
0.56877	0.22	0	0	0	0	0
0.14397	0	0	0	0	0	0
0.171532	0	0	0	0	0	0
0.076557	0	0	0	0	0	0
0.133586	0	0	0	0	1	1
0.018413	0	0	0	0	0	0
0.029495	0	0	0	0	0	0
0.01495	0	0	0	0	0	0
0.043419	0	0	0	0	0	0
0.036114	0	0	0	0	0	0
0.049999	0	0	0	0	0	0
0.065747	0	0	0	0	0	0
0.029365	0	0	0	0	0	0
0.027885	0	0	0	0	0	0
0.036639	0	0	0	0	0	0
0.026312	0	1	0	0	0	1
0.037752	0	0	0	0	0	0
0.005235	0	0	0	0	0	0
0.069645	0	0	0	0	0	0
0.112302	0	0	0	0	0	0
0.220073	0	0	0	0	0	0
0.058712	0	0	0	0	0	0
0.020586	0	0	0	0	0	0
0.020013	0	0	0	0	0	0
0.024686	0	0	0	0	0	0
0.050758	0	0	0	0	0	0
0.033976	0	0	0	0	0	0
0.043187	0	0	0	0	0	0
0.035246	0	0	0	0	0	0
0.037517	0	0	0	0	0	0
0.030204	0	0	0	0	0	0
0.064846	0	0	0	0	0	0
0.045282	0	0	0	0	0	0
0.030415	0	0	0	0	0	0
0.097239	0	0	0	0	0	0
0.058425	0	0	0	0	0	0
0.165848	0	0	0	0	0	0
0.076812	0	0	0	0	0	0
0.109824	0	0	0	0	0	0
0.060594	0	0	0	0	0	0
0.07212	0	0	0	0	0	0
0.21512	0	0	0	0	0	0
0.047672	0	0	0	0	0	0
0.138306	0	0	0	0	0	0
0.012741	0	0	0	0	0	0
0.065187	0	0	0	0	0	0
0.102624	0	0	0	0	0	0
0.013397	0	0	0	0	0	0
0.011496	0	0	0	0	0	0

0.081017	0	0	0	0	0	0
0.016622	0	0	0	0	0	0
0.017269	0	0	0	0	0	0
0.01297	0	0	0	0	0	0
0.014063	0	0	0	0	0	0
0.009109	0	0	2	2	0	4
0.009612	0	0	0	0	0	0
0.013801	0	0	0	0	0	0
0.015908	0	0	0	0	0	0
0.01835	0	0	0	0	0	0
0.023009	0	0	0	0	0	0
0.013311	0	0	0	0	0	0
0.0153	0	0	0	0	0	0
0.034592	0	0	0	0	0	0
0.034407	0	0	0	0	0	0
0.070156	0	0	0	0	0	0
0.022139	0	0	0	0	0	0
0.01909	0	0	0	0	0	0
0.00901	0	0	0	0	0	0
0.020884	0	0	0	0	0	0
0.013741	0	0	0	0	0	0
0.03458	0	0	0	0	0	0
0.031691	0	0	0	0	0	0
0.027181	0	0	0	0	0	0
0.022107	0	0	0	0	0	0
0.020451	0	0	0	0	0	0
0.004663	0	0	0	0	0	0
0.009897	0	0	0	0	0	0
0.004161	0	0	0	0	0	0
0.004102	0	0	0	0	2	2
0.054259	0	2	0	0	0	2
0.053599	0	0	0	0	0	0
0.003444	0	0	0	0	1	1
0.021823	0	1	0	0	0	1
0.002629	0	0	0	0	0	0
0.006765	0	0	0	0	0	0
0.117022	0.01	0	0	5	1	6
0.003415	0	1	0	0	0	1
0.031977	0	0	0	0	0	0
0.005665	0	0	0	0	0	0
0.006346	0	0	0	0	0	0
0.004932	0	0	0	0	0	0
0.007882	0	0	0	0	0	0
0.005976	0	0	0	0	0	0
0.807456	0	0	0	0	0	0
0.049532	0	0	0	0	0	0
0.043883	0	0	0	0	0	0
0.034421	0	0	0	0	0	0
0.041359	0	0	0	0	0	0
0.049184	0	0	0	0	0	0

0.027631	0	0	0	0	0	0
0.025647	0	0	0	0	0	0
0.063686	0	0	0	0	0	0
0.022926	0	0	0	0	0	0
0.037827	0	0	0	0	0	0
0.063132	0	0	0	0	0	0
0.037212	0	0	0	0	0	0
0.030014	0	0	0	0	0	0
0.057017	0	0	0	0	0	0
0.044582	0	0	0	0	0	0
0.082928	0	0	0	0	0	0
0.073574	0	0	0	0	0	0
0.037431	0	0	0	0	11	11
0.048961	0	11	0	0	0	11
0.090695	0	0	0	0	0	0
0.036051	0	0	0	0	0	0
0.062168	0	0	0	0	0	0
0.039904	0	0	0	0	0	0
0.051112	0	0	0	0	0	0
0.056308	0	0	0	0	0	0
0.036135	0	0	0	0	0	0
0.031919	0	0	0	0	0	0
0.02781	0	0	0	0	0	0
0.040291	0	0	0	0	0	0
0.025834	0	0	0	0	0	0
0.020334	0	0	0	0	0	0
0.027587	0	0	0	0	0	0
0.020782	0	0	0	0	0	0
0.012402	0	0	0	0	0	0
0.021283	0	0	0	0	0	0
0.04314	0	0	0	0	4	4
0.041478	0	4	0	0	0	4
0.114442	0	0	0	0	0	0
0.038485	0	0	0	0	0	0
0.042269	0	0	0	0	0	0
0.030279	0	0	0	0	0	0
0.034149	0	0	0	0	0	0
0.029493	0	0	0	0	0	0
0.068245	0	0	0	0	0	0
0.019775	0	0	0	0	0	0
0.021899	0	0	0	0	0	0
0.028022	0	0	0	0	0	0
0.023362	0	0	0	0	0	0
0.018741	0	0	0	0	0	0
0.247718	0.07	0	0	0	0	0
0.133591	0	0	0	0	0	0
0.04511	0	0	0	0	0	0
0.108245	0	0	0	0	0	0
0.046775	0	0	0	0	0	0
0.058665	0	0	0	0	0	0

0.134971	0	0	0	0	0	0
0.045014	0	0	0	0	0	0
0.03692	0	0	0	0	0	0
0.036339	0	0	0	0	0	0
0.050548	0	0	0	0	0	0
0.035333	0	0	0	0	0	0
0.02798	0	0	0	0	0	0
0.04408	0	0	0	0	0	0
0.006042	0	0	0	0	0	0
0.011968	0.02	0	0	0	0	0
0.935213	0.17	0	0	0	0	0
0.089254	0	0	0	0	0	0
0.045898	0	0	0	0	0	0
0.049777	0	0	0	0	0	0
0.058858	0	0	0	0	0	0
0.047278	0	0	0	0	0	0
0.029867	0	0	0	0	0	0
0.073795	0	0	0	0	0	0
0.031299	0	0	0	0	0	0
0.058164	0	0	0	0	0	0
0.024741	0	0	0	0	0	0
0.018762	0	0	0	0	0	0
0.121181	0	0	0	0	0	0
0.027766	0	0	0	0	0	0
0.029225	0	0	0	0	0	0
0.047379	0	0	0	0	0	0
0.06362	0	0	0	0	0	0
0.047929	0	0	0	0	0	0
0.048925	0	0	0	0	0	0
0.067765	0	0	0	0	0	0
0.045591	0	0	0	0	0	0
0.048202	0	0	0	0	0	0
0.033224	0	0	0	0	0	0
0.043034	0	0	0	0	0	0
0.045808	0	0	0	0	0	0
0.039478	0	0	0	0	0	0
0.028306	0	0	0	0	0	0
0.018626	0	0	0	0	0	0
0.036168	0	0	0	0	0	0
0.115622	0	0	0	0	0	0
0.029707	0	0	0	0	0	0
0.017618	0	0	0	0	0	0
0.056167	0	0	0	0	0	0
0.056352	0	0	0	0	0	0
0.057971	0	0	0	0	0	0
0.030991	0	0	0	0	0	0
0.03996	0	0	0	0	0	0
0.055546	0	0	0	0	0	0
0.028537	0	0	0	0	0	0
0.050572	0	0	0	0	0	0



0.056762	0	0	0	0	0	0
0.041303	0	0	0	0	0	0
0.051161	0	0	0	0	0	0
0.034162	0	0	0	0	0	0
0.128532	0	0	0	0	0	0
0.063472	0	0	0	0	0	0
0.021745	0	0	0	0	0	0
0.03317	0	0	0	0	0	0
0.013477	0	0	0	0	0	0
0.018736	0	0	0	0	0	0
0.006574	0	0	0	0	0	0
0.00415	0	0	0	0	0	0
0.021527	0	0	0	0	0	0
0.004047	0	0	0	0	0	0
0.009155	0	0	0	0	0	0
0.002982	0	0	4	0	0	4
0.002061	0	0	0	0	0	0
0.003854	0	0	0	0	0	0
0.003913	0	0	0	0	0	0
0.009255	0	0	0	0	0	0
0.070012	0.02	0	0	0	0	0
0.005676	0	0	0	0	0	0
0.004713	0	0	0	0	0	0
0.050088	0	0	0	0	0	0
0.004801	0	0	0	0	0	0
0.000447	0	0	0	0	0	0
0.002519	0	0	0	0	0	0
0.000868	0	0	0	0	0	0
0.042963	0	0	0	0	0	0
0.064655	0	0	0	0	0	0
0.428251	0	0	0	0	0	0
0.049053	0	0	0	0	0	0
0.040008	0	0	0	0	0	0
0.075345	0	0	0	0	0	0
0.048537	0	0	0	0	0	0
0.038067	0	0	0	0	0	0
0.066303	0	0	0	0	0	0
0.096011	0	0	0	0	0	0
0.050744	0	0	0	0	0	0
0.085996	0	0	0	0	0	0
0.137102	0	0	0	0	0	0
0.058192	0	0	0	0	0	0
0.062247	0	0	0	0	0	0
0.086354	0	0	0	0	0	0
0.002998	0	0	0	0	0	0
0.001011	0	0	0	0	0	0
0.014678	0	0	0	0	0	0
0.012079	0	0	0	0	0	0
0.05158	0	2	0	0	0	2
0.006136	0	0	0	0	0	0

0.002763	0	0	0	0	0	0
0.003148	0	0	0	0	0	0
0.002876	0	0	0	0	0	0
0.00717	0	0	0	0	0	0
0.000839	0	0	0	0	0	0
0.00103	0	0	0	0	0	0
0.001011	0	0	0	0	0	0
0.004072	0.01	0	0	0	0	0
0.012427	0	3	0	0	0	3
0.059896	0	0	0	0	0	0
0.014798	0	0	0	0	0	0
0.003391	0	0	0	0	0	0
0.083118	0	0	0	0	0	0
0.005597	0	0	0	0	0	0
0.003818	0	0	0	0	0	0
0.03625	0	0	0	0	0	0
0.026638	0	0	0	0	0	0
0.052184	0	0	0	0	0	0
0.013254	0	0	0	0	0	0
0.010156	0	0	0	0	0	0
0.019953	0	0	0	0	0	0
0.017758	0	0	0	0	0	0
0.026018	0	0	0	0	0	0
0.036559	0	0	0	0	0	0
0.018876	0	0	0	0	0	0
0.027028	0	0	0	0	0	0
0.039022	0	0	0	0	0	0
0.022139	0	0	0	0	0	0
0.013525	0	0	0	0	0	0
0.021763	0	0	0	0	0	0
0.010544	0	0	0	0	0	0
0.055742	0	0	0	0	0	0
0.055959	0	0	0	0	0	0
0.037459	0	0	0	0	0	0
0.04844	0	0	0	0	0	0
0.025253	0	0	0	0	0	0
0.008295	0	0	0	0	0	0
0.049055	0	0	0	0	0	0
0.013468	0	0	0	0	0	0
0.008011	0	0	0	0	0	0
0.055266	0	0	0	0	0	0
0.02129	0	0	0	0	0	0
0.041148	0	0	0	0	0	0
0.026636	0	0	0	0	0	0
0.031186	0	0	0	0	0	0
0.013436	0	0	0	0	0	0
0.003164	0	0	0	0	0	0
0.001658	0	0	0	0	0	0
0.002841	0	0	0	0	0	0
0.002351	0	0	0	0	0	0

0.002485	0	0	0	0	0	0
0.003705	0	0	0	0	0	0
0.003818	0	0	0	0	0	0
0.00349	0	0	0	0	0	0
0.005081	0	0	0	5	0	5
0.007734	0	0	0	0	0	0
0.005264	0	0	0	0	0	0
0.014381	0	0	0	0	0	0
0.26672	0	0	0	0	0	0
0.03857	0	0	0	0	0	0
0.02567	0	0	0	0	0	0
0.01767	0	0	0	0	0	0
0.053881	0	0	0	0	0	0
0.171594	0	0	0	0	0	0
0.154777	0	0	0	0	0	0
0.081452	0	0	0	0	0	0
0.020136	0	0	0	0	0	0
0.012626	0	0	0	0	0	0
0.028587	0	0	0	0	0	0
0.125335	0	0	0	0	0	0
0.071666	0	0	0	0	0	0
0.048985	0	0	0	0	0	0
0.066561	0	0	0	0	0	0
0.026246	0	0	0	0	0	0
0.016405	0	0	0	0	0	0
0.022673	0	0	0	0	0	0
0.015854	0	0	0	0	0	0
0.015775	0	0	0	0	0	0
0.016952	0	0	0	0	0	0
0.020137	0	0	0	0	0	0
0.045826	0	0	0	0	0	0
0.018389	0	0	0	0	0	0
0.015004	0	0	0	0	0	0
0.097585	0	0	0	0	0	0
0.047831	0	0	0	0	0	0
0.046656	0	0	0	0	0	0
0.013101	0	0	0	0	0	0
0.011481	0	0	0	0	0	0
0.012929	0	0	0	0	0	0
0.015953	0	0	0	0	0	0
0.021154	0	0	0	0	0	0
0.012748	0	0	0	0	0	0
0.08926	0	0	0	0	0	0
0.075143	0	0	0	0	0	0
0.05071	0	0	0	0	0	0
0.008663	0	0	0	0	0	0
0.012113	0	0	0	0	0	0
0.007171	0	0	0	0	0	0
0.016517	0	0	0	0	0	0
0.010601	0	0	0	0	0	0

0.005014	0	0	0	0	0	0
0.004873	0	0	0	0	0	0
0.029049	0	0	0	0	0	0
0.050889	0	0	0	0	0	0
0.133107	0	0	0	0	0	0
0.168288	0.08	0	0	0	4	4
0.009891	0	0	0	0	0	0
0.010536	0	4	0	0	5	9
0.010852	0	0	0	0	0	0
0.041305	0	0	0	5	0	5
0.018842	0	0	0	0	0	0
0.009031	0	0	0	0	0	0
0.007594	0	0	0	0	0	0
0.0091	0	0	0	0	0	0
0.007269	0	0	0	0	0	0
0.033531	0	0	0	0	0	0
0.009094	0	0	0	0	0	0
0.016206	0	0	0	0	0	0
0.012299	0	0	0	0	0	0
0.006761	0	0	0	0	0	0
0.00673	0	0	0	0	0	0
0.028007	0	0	0	0	0	0
0.099228	0	0	0	0	0	0
0.021944	0	0	0	0	0	0
0.016756	0	0	0	0	0	0
0.123294	0	0	0	0	0	0
0.028558	0	0	0	0	0	0
0.021038	0	0	0	0	0	0
0.012382	0	0	0	0	0	0
0.033731	0	0	0	0	0	0
0.033383	0	0	0	0	0	0
0.012385	0	0	0	0	0	0
0.008156	0	0	0	0	0	0
0.014562	0	0	0	0	0	0
0.59378	0	0	0	0	0	0
0.169521	0	0	0	0	0	0
0.000478	0	0	0	0	0	0
0.003648	0	0	0	0	0	0
0.000819	0	0	0	0	0	0
0.003529	0	0	0	0	0	0
0.005133	0	0	0	0	0	0
0.03481	0	0	0	0	0	0
0.052865	0	0	0	0	0	0
0.003104	0	0	0	0	0	0
0.007714	0	0	0	0	0	0
0.012635	0	0	0	0	0	0
0.000316	0	0	0	0	0	0
0.003476	0	0	0	0	0	0
0.033745	0	0	0	0	0	0
0.002477	0	0	0	0	0	0

0.001575	0	0	0	0	0	0
0.0006	0	0	0	0	0	0
0.001517	0	0	0	0	0	0
0.001424	0	0	0	0	0	0
0.00522	0	0	0	0	0	0
0.00212	0	0	0	0	0	0
0.010532	0.01	0	0	0	0	0
0.002663	0	0	0	0	0	0
0.002822	0	0	0	0	0	0
0.003584	0	0	0	0	0	0
0.001765	0	0	0	0	0	0
0.001305	0	0	0	0	0	0
0.008054	0	0	0	0	0	0
0.004609	0	0	0	0	0	0
0.004102	0	0	0	0	0	0
0.00343	0	0	0	0	0	0
0.001448	0	0	0	0	0	0
0.005995	0	0	0	0	0	0
0.030364	0	0	0	0	0	0
0.018245	0	0	0	0	0	0
0.005253	0	0	0	0	0	0
0.013979	0	0	0	0	0	0
0.002989	0	0	0	0	0	0
0.002385	0	0	0	0	0	0
0.008803	0	0	0	0	0	0
0.000819	0	0	0	0	0	0
0.057434	0	0	0	0	0	0
0.112971	0	0	0	0	0	0
0.054267	0	0	0	0	0	0
0.129219	0	0	0	0	0	0
0.105766	0	0	0	0	0	0
0.141889	0	0	0	0	0	0
0.046952	0	0	0	0	0	0
0.010928	0	0	0	0	0	0
0.159948	0	0	0	0	0	0
0.074436	0	0	0	0	0	0
0.234648	0	0	0	0	0	0
0.029726	0	0	0	0	0	0
0.030572	0	0	0	0	0	0
0.014952	0	0	0	0	0	0
0.024021	0	0	0	0	0	0
0.011689	0	0	0	0	0	0
0.017927	0	0	0	0	0	0
0.192767	0	0	0	0	0	0
0.655008	0.01	0	0	0	0	0
0.071377	0	0	0	0	0	0
0.325754	0	0	0	0	0	0
0.041295	0	0	0	0	0	0
0.017685	0	0	0	0	0	0
0.345185	0	0	0	0	0	0

0.087532	0	0	0	0	0	0
0.258667	0	0	0	0	0	0
0.276009	0	0	0	0	0	0
0.131638	0	0	0	0	0	0
0.090184	0	0	0	0	0	0
0.054034	0	0	0	0	0	0
0.045874	0	0	0	0	0	0
0.033931	0	0	0	0	0	0
0.03962	0	0	0	0	0	0
0.038619	0	0	0	0	0	0
0.017891	0	0	0	0	0	0
0.075767	0	0	0	0	0	0
0.030955	0	0	0	0	0	0
0.043853	0	0	0	0	0	0
0.061393	0	0	0	0	0	0
0.030097	0	0	0	0	0	0
0.013903	0	0	0	0	0	0
0.01427	0	0	0	0	0	0
0.229513	0	0	0	0	0	0
0.100324	0	0	0	0	0	0
0.129622	0	0	0	0	0	0
0.101817	0	0	0	0	0	0
0.069565	0	0	0	0	0	0
0.058269	0	0	0	0	0	0
0.123836	0	0	0	0	0	0
0.047466	0	0	0	0	0	0
0.035627	0	0	0	0	0	0
0.029198	0	0	0	0	0	0
0.053482	0	0	0	0	0	0
0.043178	0	0	0	0	0	0
0.06117	0	0	0	0	0	0
0.014337	0.12	0	0	0	0	0
0.022121	0.03	0	0	0	0	0
0.002685	0.01	0	0	0	0	0
0.001772	0.01	0	0	0	0	0
0.975433	0	0	0	0	0	0
0.002233	0	0	0	0	0	0
0.000421	0	0	0	0	0	0
0.006422	0.01	0	0	0	0	0
0.025069	0.02	0	0	0	0	0
0.003636	0	0	0	0	0	0
0.001662	0	0	0	0	0	0
0.031711	0.13	0	0	0	0	0
0.049004	0	0	0	0	0	0
0.012532	0	0	0	0	0	0
0.037076	0	0	0	0	0	0
0.014645	0	0	0	0	0	0
0.058268	0.04	0	0	4	0	4
0.034264	0	0	0	0	0	0
0.023523	0	0	0	0	0	0

0.016985	0	0	0	0	0	0
0.217182	0.45	0	0	0	0	0
0.03266	0	0	0	0	0	0
0.062757	0	0	0	0	0	0
0.085361	0	0	0	0	0	0
0.031092	0	0	0	0	0	0
0.015429	0	0	0	0	0	0
0.090686	0	0	0	0	0	0
0.029983	0	0	0	0	0	0
0.08473	0	0	0	0	0	0
0.071327	0	0	0	0	0	0
0.035171	0	0	0	0	0	0
0.129725	0	0	0	0	0	0
0.02852	0	0	0	0	0	0
0.049721	0	0	0	0	0	0
0.274693	0	0	0	0	0	0
0.013557	0	0	0	0	0	0
0.141805	0	0	0	0	0	0
0.011172	0	0	0	0	0	0
0.017216	0	0	0	0	0	0
0.022635	0	0	0	0	0	0
0.024121	0	0	0	0	0	0
0.010162	0	0	0	0	0	0
0.006058	0	0	0	0	0	0
0.010614	0	0	0	0	0	0
0.021179	0	0	0	0	0	0
0.016686	0	0	0	0	0	0
0.013835	0	0	0	0	0	0
0.015002	0	0	0	0	0	0
0.011565	0	0	0	0	0	0
0.020903	0	0	0	0	0	0
0.040903	0	0	0	0	0	0
0.027382	0	0	0	0	0	0
0.047652	0	0	0	0	0	0
0.039062	0	0	0	0	0	0
0.027811	0	0	0	0	0	0
0.018956	0	0	0	0	0	0
0.018871	0	0	0	0	0	0
0.050734	0	0	0	0	0	0
0.04828	0	0	0	0	0	0
0.069652	0	0	0	0	0	0
0.043412	0	0	0	0	0	0
0.065179	0	0	0	0	0	0
0.046577	0	0	0	0	0	0
0.057418	0	0	0	0	0	0
0.033833	0	0	0	0	0	0
0.038667	0	0	0	0	0	0
0.031777	0	0	0	0	0	0
0.023856	0	0	0	0	0	0
0.055519	0	0	0	0	0	0

0.059539	0	0	0	0	0	0
0.07114	0	0	0	0	0	0
0.042791	0	0	0	0	0	0
0.027026	0	0	0	0	0	0
0.961937	0	0	0	0	0	0
0.030706	0	0	0	0	0	0
0.296948	0	1	0	0	10	11
0.048415	0	0	5	0	0	5
0.017127	0	0	0	0	0	0
0.009388	0	0	0	0	0	0
0.008725	0	0	0	0	0	0
0.036528	0	10	0	0	0	10
0.023267	0	0	0	0	0	0
0.036188	0	0	0	0	0	0
0.04724	0	0	0	0	0	0
0.029204	0	0	0	0	0	0
0.025276	0	0	0	0	0	0
0.031239	0	0	0	0	0	0
0.04819	0	0	0	0	0	0
0.078866	0	0	0	0	0	0
0.060325	0	0	0	0	0	0
0.082402	0	0	0	0	0	0
0.043076	0	0	0	0	0	0
0.015965	0	0	0	0	0	0
0.008482	0	0	0	0	0	0
0.044877	0	0	0	0	0	0
0.018782	0	0	0	0	0	0
0.021124	0	0	0	0	0	0
0.106278	0	0	0	0	0	0
0.011802	0	0	0	0	0	0
0.017844	0	0	0	0	0	0
0.010973	0	0	0	0	0	0
0.020408	0	0	0	0	0	0
0.004857	0	0	0	0	0	0
0.006108	0	0	0	0	0	0
0.004624	0	0	0	0	0	0
0.018135	0	0	0	0	0	0
0.018351	0	0	0	0	0	0
0.134836	0	0	0	0	0	0
0.026897	0	0	0	0	0	0
0.036263	0	0	0	0	0	0
0.121658	0	0	0	0	0	0
0.057665	0	0	0	0	0	0
0.171339	0	0	0	0	0	0
0.011279	0	0	0	0	0	0
0.014665	0	0	0	0	0	0
0.155467	0.05	0	0	0	0	0
0.00893	0	0	0	0	0	0
0.035388	0	0	0	0	0	0
0.045681	0	0	0	0	0	0



0.067453	0	0	0	0	0	0
0.133426	0	0	0	0	0	0
0.042107	0	0	0	0	0	0
0.049319	0	0	0	0	0	0
0.060737	0	0	0	0	0	0
0.048931	0	0	0	0	0	0
0.044203	0	0	0	0	0	0
0.118168	0	0	0	0	0	0
0.040133	0	0	0	0	0	0
0.059603	0	0	0	0	0	0
0.013124	0.01	0	0	0	0	0
0.338087	0	0	0	6	0	6
0.021434	0.01	0	0	0	0	0
0.003688	0	0	0	0	0	0
0.007593	0	0	0	0	0	0
0.20847	0.21	0	3	0	0	3
0.011223	0.01	0	0	0	0	0
0.057923	0	0	9	0	0	9
0.015179	0	0	0	0	0	0
0.032041	0	0	0	0	0	0
0.041186	0	0	0	0	0	0
0.50063	0.28	0	0	0	0	0
0.044682	0	0	0	0	0	0
0.036876	0	0	0	0	0	0
0.053371	0	0	0	0	0	0
0.083476	0	0	0	0	0	0
0.050716	0	0	0	0	0	0
0.057585	0	0	0	0	0	0
0.06763	0	0	0	0	0	0
0.010555	0	0	0	0	0	0
0.009562	0	0	0	0	0	0
0.011655	0	0	0	0	0	0
0.011183	0	0	0	0	0	0
0.005986	0	0	0	0	0	0
0.052795	0	0	0	0	0	0
0.030906	0	0	0	0	0	0
0.035037	0	0	0	0	0	0
0.117353	0	0	0	0	4	4
0.028278	0	4	0	0	0	4
0.057927	0	0	0	0	0	0
0.065567	0	0	0	0	0	0
0.081217	0	0	0	0	0	0
0.024749	0	0	0	0	0	0
0.035547	0	0	0	0	0	0
0.002813	0	0	0	0	0	0
0.008642	0	0	0	0	0	0
0.008219	0	0	0	0	0	0
0.010041	0	0	0	0	0	0
0.007107	0	0	0	0	0	0
0.006609	0	0	0	0	0	0

0.00488	0	0	0	0	0	0
0.005223	0	0	0	0	0	0
0.005102	0	0	0	0	0	0
0.013872	0	0	0	0	0	0
0.011351	0	0	0	0	0	0
0.013126	0	0	0	0	0	0
0.026443	0	0	0	0	0	0
0.014773	0	0	0	0	0	0
0.010666	0	0	0	0	0	0
0.03291	0	0	0	0	0	0
0.040957	0	0	0	0	0	0
0.019831	0	0	0	0	0	0
0.027974	0	0	0	0	0	0
0.019994	0	0	0	0	0	0
0.008915	0	0	0	0	0	0
0.011801	0	0	0	0	0	0
0.026905	0	0	0	0	0	0
0.015642	0	0	0	0	0	0
0.022318	0	0	0	0	0	0
0.010763	0	0	0	0	0	0
0.015781	0	0	0	0	0	0
0.123635	0	0	0	0	0	0
0.087654	0	0	0	0	0	0
0.049318	0	0	0	0	0	0
0.057213	0	0	0	0	0	0
0.066169	0	0	0	0	0	0
0.038015	0	0	0	0	0	0
0.053739	0	0	0	0	0	0
0.06081	0	0	0	0	0	0
0.059073	0	0	0	0	0	0
0.044483	0	0	0	0	0	0
0.034069	0	0	0	0	0	0
0.041088	0	0	0	0	0	0
0.023469	0	0	0	0	0	0
0.034642	0	0	0	0	0	0
0.021318	0	0	0	0	0	0
0.114516	0	0	0	0	0	0
0.022779	0	0	0	0	0	0
0.01898	0	0	0	0	0	0
0.025032	0	0	0	0	0	0
0.023108	0	0	0	0	0	0
0.020463	0	0	0	0	0	0
0.016774	0	0	0	0	0	0
0.017782	0	0	0	0	0	0
0.031888	0	0	0	0	0	0
0.010994	0	0	0	0	0	0
0.011028	0	0	0	0	0	0
0.020393	0	0	0	0	0	0
0.009915	0	0	0	0	0	0
0.052508	0	0	0	0	0	0

0.041154	0	0	0	0	0	0
0.056969	0	0	0	0	0	0
0.008394	0	0	0	0	0	0
0.003141	0	0	0	0	0	0
0.008314	0	0	0	0	0	0
0.055553	0	0	0	0	0	0
0.076999	0	0	0	0	0	0
0.024569	0	0	0	0	0	0
0.008682	0	0	0	0	0	0
0.016953	0	0	0	0	0	0
0.010642	0	0	0	0	0	0
0.010246	0	0	0	0	0	0
0.010356	0	0	0	0	0	0
0.009815	0	0	0	0	0	0
0.008798	0	0	0	0	0	0
0.010357	0	0	0	0	0	0
0.006739	0	0	0	0	0	0
0.029081	0	0	0	0	0	0
0.017632	0	0	0	0	0	0
0.025719	0	0	0	0	0	0
0.009051	0	0	0	0	0	0
0.007231	0	0	0	0	0	0
0.005499	0	0	0	0	0	0
0.011106	0	0	0	0	0	0
0.021283	0	0	0	0	0	0
0.029244	0	0	0	0	0	0
0.019875	0	0	0	2	0	2
0.024565	0	0	0	0	0	0
0.015514	0	0	0	0	0	0
0.026183	0	0	0	0	0	0
0.023811	0	0	0	0	0	0
0.015366	0	0	0	0	0	0
0.020898	0	0	0	0	0	0
0.024647	0	0	0	0	0	0
0.020939	0	0	0	0	0	0
0.017744	0	0	0	0	0	0
0.04923	0	0	0	0	0	0
0.014602	0	0	0	0	0	0
0.013867	0	0	0	0	0	0
0.009687	0	0	0	0	0	0
0.018617	0	0	0	0	0	0
0.018707	0	0	0	0	0	0
0.008556	0	0	0	0	0	0
0.01553	0	0	0	0	0	0
0.043365	0.03	0	0	0	0	0
0.015653	0	0	0	0	0	0
0.204281	0	0	0	0	0	0
0.069981	0	0	0	0	0	0
0.02801	0	0	0	0	0	0
0.034683	0	0	0	0	0	0

0.026601	0	0	0	0	0	0
0.051125	0	0	0	0	0	0
0.04638	0	0	0	0	0	0
0.030902	0	0	0	0	0	0
0.047823	0	0	0	0	0	0
0.05135	0	0	0	0	0	0
0.040864	0	0	0	0	0	0
0.088678	0	0	0	0	0	0
0.092614	0	0	0	0	0	0
0.031801	0	0	0	0	0	0
0.056505	0	0	0	0	0	0
0.106968	0	0	0	0	0	0
0.011162	0	0	0	0	0	0
0.007159	0	0	0	0	0	0
0.001885	0	0	0	0	0	0
0.005417	0	0	0	0	0	0
0.00511	0.01	0	0	0	0	0
0.002732	0	0	0	0	0	0
0.018745	0	0	0	0	0	0
0.011482	0	0	0	0	0	0
0.018616	0	0	0	0	0	0
0.017902	0	0	0	0	0	0
0.026132	0	0	0	0	0	0
0.054402	0	0	0	0	0	0
0.115327	0	0	0	0	0	0
0.026592	0	0	0	0	0	0
0.023312	0	0	0	0	0	0
0.005468	0	0	0	0	0	0
0.006071	0	0	0	0	0	0
0.003216	0	0	0	0	0	0
0.081963	0	0	0	0	0	0
0.030183	0	0	0	0	0	0
0.010209	0	0	0	0	0	0
0.010115	0	0	0	0	0	0
0.022956	0	0	0	0	0	0
0.02162	0	0	0	0	0	0
0.011593	0	0	0	0	0	0
0.023352	0	0	0	0	0	0
0.011389	0	0	0	0	0	0
0.013192	0	0	0	0	0	0
0.010441	0	0	0	0	0	0
0.003046	0	0	0	0	0	0
0.011016	0	0	0	0	0	0
0.013878	0	0	0	0	0	0
0.013054	0	0	0	0	0	0
0.007937	0	0	0	0	0	0
0.013128	0	0	0	0	0	0
0.011702	0	0	0	0	0	0
0.014395	0	0	0	0	0	0
0.004075	0	0	0	0	0	0

0.00663	0	0	0	0	0	0
0.008973	0	0	0	0	0	0
0.060558	0	0	0	0	0	0
0.092471	0	0	0	0	0	0
0.037466	0	0	0	0	0	0
0.031393	0	0	0	0	0	0
0.03983	0	0	0	0	0	0
0.027193	0	0	0	0	0	0
0.03581	0	0	0	0	0	0
0.018691	0	0	0	0	0	0
0.005632	0	0	0	0	0	0
0.083359	0	0	3	1	0	4
0.013562	0	0	0	0	0	0
0.076355	0	0	0	0	0	0
0.05198	0	0	0	0	0	0
0.013519	0	0	0	0	0	0
0.005951	0	0	0	0	0	0
0.00161	0	0	0	0	0	0
0.002213	0	0	0	0	0	0
0.048482	0	0	0	0	0	0
0.048323	0	0	0	0	0	0
0.004693	0	0	0	0	0	0
0.001935	0	0	0	0	0	0
0.001825	0	0	0	0	0	0
0.010803	0	0	0	0	0	0
0.015549	0	0	0	0	0	0
0.003944	0	0	0	0	0	0
0.005714	0	0	0	0	0	0
0.007341	0	0	0	0	0	0
0.006321	0	0	0	0	0	0
0.019373	0	0	0	0	0	0
0.070982	0	0	0	0	0	0
0.069346	0	0	0	0	0	0
0.149015	0	0	0	0	0	0
0.04222	0	0	0	0	0	0
0.069617	0	0	0	0	0	0
0.017448	0	0	0	0	0	0
0.012236	0	0	0	0	0	0
0.031077	0	0	0	0	0	0
0.064996	0	0	0	0	0	0
0.139987	0	0	0	0	0	0
0.030174	0	0	0	0	0	0
0.168676	0	0	0	0	0	0
0.035741	0	0	0	0	0	0
0.036654	0	0	0	0	0	0
0.02121	0	0	0	0	0	0
0.392377	0	0	0	0	0	0
0.524788	0.23	0	0	0	0	0
0.052734	0	0	0	0	0	0
0.16906	0	0	0	0	0	0

0.094263	0	0	0	11	0	11
0.041412	0	0	0	0	0	0
0.039023	0	0	0	0	0	0
0.035573	0	0	0	0	0	0
0.035857	0	0	0	0	0	0
0.010456	0	0	0	0	0	0
0.004562	0	0	0	0	0	0
0.004461	0	0	0	0	0	0
0.004739	0	0	0	0	0	0
0.007267	0	0	0	0	0	0
0.003958	0	0	0	0	0	0
0.00701	0	0	0	0	0	0
0.005774	0	0	0	0	0	0
0.028685	0	0	0	0	0	0
0.054427	0	0	0	0	0	0
0.05054	0.11	0	0	0	0	0
0.06664	0	0	0	0	0	0
0.028073	0	0	0	0	0	0
0.053737	0	0	0	0	0	0
0.563307	0.08	0	0	0	0	0
0.070098	0	0	0	0	0	0
0.064126	0	0	0	0	0	0
0.052883	0	0	0	0	0	0
0.051367	0	0	0	0	0	0
0.037535	0	0	0	0	0	0
0.027859	0	0	0	0	0	0
0.03593	0	0	0	0	0	0
0.382706	0	0	0	0	0	0
0.035686	0	0	0	0	0	0
0.019812	0	0	0	0	0	0
0.023541	0	0	0	0	0	0
0.028661	0	0	0	0	0	0
0.026552	0	0	0	0	0	0
0.039573	0	0	0	0	0	0
0.055045	0	0	0	0	0	0
0.03237	0	0	0	0	0	0
0.044326	0	0	0	0	0	0
0.039227	0	0	0	0	0	0
0.046259	0	0	0	0	0	0
0.048213	0	0	0	0	0	0
0.040177	0	0	0	0	0	0
0.001604	0	0	0	0	0	0
0.010111	0	0	0	0	0	0
0.007967	0	0	6	6	0	12
0.016678	0	0	0	0	0	0
0.046082	0	0	0	0	0	0
0.006267	0	0	0	0	0	0
0.000391	0	0	0	0	0	0
0.002502	0	0	0	0	0	0
0.693093	0	0	0	0	0	0

0.291891	0.07	0	0	0	0	0
0.090054	0	0	0	0	0	0
0.108659	0	0	0	0	5	5
0.170954	0	5	0	0	0	5
0.96074	0	0	0	0	0	0
0.899004	0	0	0	0	0	0
0.015572	0	0	0	0	0	0
0.037978	0	0	0	0	0	0
0.024908	0	0	0	0	0	0
0.01778	0	0	0	0	0	0
0.00761	0	0	0	0	0	0
0.008232	0	0	0	0	0	0
0.041939	0	0	0	0	0	0
0.073549	0	0	0	0	0	0
0.018538	0	0	0	0	0	0
0.006314	0	0	0	0	0	0
0.019706	0	0	0	0	0	0
0.017691	0	0	0	2	0	2
0.007119	0	0	0	0	0	0
0.026169	0	0	0	0	0	0
0.011824	0	0	0	0	0	0
0.013937	0	0	0	0	0	0
0.068142	0	0	0	0	0	0
0.008364	0	0	0	0	0	0
0.048659	0	0	0	0	0	0
0.058115	0	0	0	0	0	0
0.018545	0	0	0	0	0	0
0.013151	0	0	0	0	0	0
0.008806	0	0	0	0	0	0
0.007057	0.03	0	0	0	0	0
0.038568	0	0	0	0	0	0
0.018874	0	0	0	0	0	0
0.025205	0	0	0	0	0	0
0.007001	0	0	0	0	0	0
0.00277	0	0	0	0	0	0
0.003907	0	0	0	0	0	0
0.004045	0	0	0	0	0	0
0.003022	0	0	0	0	0	0
0.010653	0	0	0	0	0	0
0.00561	0	0	0	0	0	0
0.010905	0	0	0	0	0	0
0.006896	0	0	0	0	0	0
0.005136	0	0	0	0	0	0
0.025406	0	0	0	0	0	0
0.021564	0	0	0	0	0	0
0.00225	0	0	0	0	0	0
0.00427	0	0	0	0	0	0
0.004083	0	0	0	0	0	0
0.016182	0	0	0	0	0	0
0.015095	0	0	0	0	0	0

0.093398	0	0	0	0	0	0
0.069668	0	0	0	0	0	0
0.006371	0	0	0	0	0	0
0.103413	0	0	0	0	0	0
0.054482	0	0	0	0	0	0
0.010038	0	0	0	0	0	0
0.025094	0	0	0	0	0	0
0.018129	0	0	0	0	0	0
0.021997	0	0	0	0	0	0
0.015232	0	0	0	0	0	0
0.017139	0	0	0	0	0	0
0.0146	0	0	0	0	0	0
0.013971	0	0	0	0	0	0
0.011366	0	0	0	0	0	0
0.040845	0	0	0	0	0	0
0.318417	0	0	0	0	0	0
0.080857	0	0	0	0	0	0
0.023712	0	0	0	0	0	0
0.017602	0	0	0	0	0	0
0.017479	0	0	0	0	0	0
0.396647	0.19	0	0	0	0	0
0.080044	0	0	0	0	0	0
0.03482	0	0	0	0	0	0
0.039727	0	0	0	0	0	0
0.16085	0.01	0	0	0	0	0
0.033175	0	0	0	0	0	0
0.006567	0.01	0	0	0	0	0
0.018397	0	0	0	5	0	5
0.003601	0	0	0	0	0	0
0.005612	0	0	0	0	0	0
0.008552	0	0	0	0	0	0
0.006144	0	0	0	0	0	0
0.027946	0	0	0	0	0	0
0.005313	0	0	0	0	0	0
0.006162	0	0	0	0	0	0
0.010485	0	0	0	5	0	5
0.006722	0	0	0	0	0	0
0.09158	0	0	0	0	1	1
0.048532	0	1	0	0	0	1
0.036614	0	0	0	0	0	0
0.00788	0	0	0	0	0	0
0.010977	0	0	0	0	0	0
0.008605	0	0	0	0	0	0
0.004015	0	0	0	0	0	0
0.005541	0	0	0	0	0	0
0.005401	0	0	0	0	0	0
0.020611	0	0	0	0	0	0
0.006506	0	0	0	0	0	0
0.012461	0	0	0	0	0	0
0.318226	0	0	0	0	0	0



0.002744	0	0	0	0	0	0
0.008875	0	0	0	0	0	0
0.017067	0	0	0	0	0	0
0.004926	0	0	0	0	0	0
0.006616	0	0	0	0	0	0
0.0056	0	0	0	0	0	0
0.014944	0	0	0	0	0	0
0.010779	0	0	0	0	0	0
0.003081	0	0	0	0	0	0
0.00967	0	0	0	0	0	0
0.023072	0	0	0	0	0	0
0.016394	0	0	0	0	0	0
0.003683	0	0	0	0	0	0
0.063349	0	0	0	0	0	0
0.038654	0	0	0	0	0	0
0.053839	0	0	0	0	0	0
0.051876	0	0	0	0	0	0
0.038679	0	0	0	0	0	0
0.105432	0	0	0	0	0	0
0.102738	0	0	0	0	0	0
0.017513	0	0	0	0	0	0
0.026937	0	0	0	0	0	0
0.017749	0	0	0	0	0	0
0.017194	0	0	0	0	0	0
0.008973	0	0	0	0	0	0
0.026418	0	0	0	0	0	0
0.085664	0	0	0	0	0	0
0.052663	0	0	0	0	0	0
0.016077	0	0	0	0	0	0
0.048072	0	0	0	0	0	0
0.0832	0	0	0	0	0	0
0.013276	0	0	0	0	0	0
0.012145	0	0	0	0	0	0
0.019235	0	0	0	0	0	0
0.01194	0	0	0	0	0	0
0.011336	0	0	0	0	0	0
0.022176	0	0	0	0	0	0
0.049256	0	0	0	0	0	0
0.009327	0	0	0	0	0	0
0.066379	0	0	0	0	0	0
0.055117	0	0	0	0	0	0
0.242864	0	0	0	0	0	0
0.056192	0	0	0	0	0	0
0.230872	0.09	0	0	0	0	0
0.054727	0	0	0	0	0	0
0.033522	0	0	0	0	0	0
0.022695	0	0	0	0	0	0
0.035887	0	0	0	0	0	0
0.042475	0	0	0	0	0	0
0.039945	0	0	0	0	0	0

0.034473	0	0	0	0	0	0
0.602274	0	0	0	0	0	0
0.089235	0	0	0	0	0	0
0.051815	0	0	0	0	0	0
0.12588	0	0	0	0	0	0
0.029598	0	0	0	0	0	0
0.024331	0	0	0	0	0	0
0.033455	0	0	0	0	0	0
0.021184	0	0	0	0	0	0
0.044171	0	0	0	0	0	0
0.017071	0	0	0	0	0	0
0.022962	0	0	0	0	0	0
0.024581	0	0	0	0	0	0
0.054988	0	0	0	0	0	0
0.021617	0	0	0	0	0	0
0.04307	0	0	0	0	0	0
0.045238	0	0	0	0	0	0
0.04872	0	0	0	0	0	0
0.02827	0	0	0	0	0	0
0.024657	0	0	0	0	0	0
0.055038	0	0	0	0	0	0
0.060428	0	0	0	0	0	0
0.130898	0	0	0	0	0	0
0.297968	0.05	0	0	0	0	0
0.03413	0	0	0	0	0	0
0.103383	0	0	0	0	8	8
0.017271	0	8	0	0	0	8
0.027351	0	0	0	0	0	0
0.022003	0	0	0	0	0	0
0.010434	0	0	0	0	0	0
0.008329	0	0	0	0	0	0
0.012274	0	0	0	0	0	0
0.009205	0	0	0	0	0	0
0.029835	0	0	0	0	0	0
0.009362	0	0	0	0	0	0
0.031272	0	0	0	0	0	0
0.015065	0	0	0	0	0	0
0.00701	0	0	0	0	0	0
0.027195	0	0	0	0	0	0
0.028943	0	0	0	0	0	0
0.032811	0	0	0	0	0	0
0.027397	0	0	0	0	0	0
0.051896	0	0	0	0	0	0
0.045751	0	0	0	0	0	0
0.05948	0	0	0	0	0	0
0.061418	0	0	0	0	0	0
0.045148	0	0	0	0	0	0
0.05522	0	0	0	0	0	0
0.050746	0	0	0	0	0	0
0.033329	0	0	0	0	0	0

0.032882	0	0	0	0	0	0
0.040441	0	0	0	0	0	0
0.031701	0	0	0	0	0	0
0.063362	0	0	0	0	0	0
0.019622	0	0	0	0	0	0
0.033961	0	0	0	0	0	0
0.037994	0	0	0	0	0	0
0.064631	0	0	0	0	0	0
0.059756	0	0	0	0	0	0
0.035957	0	0	0	0	0	0
0.041643	0	0	0	0	0	0
0.030161	0	0	0	0	0	0
0.021333	0	0	0	0	0	0
0.020214	0	0	0	0	7	7
0.057364	0	0	0	0	0	0
0.01871	0	7	0	0	0	7
0.618111	0	0	0	0	0	0
0.021866	0	0	0	0	1	1
0.015759	0	1	0	0	0	1
0.02211	0	0	0	0	0	0
0.035858	0	0	0	0	0	0
0.024129	0	0	0	0	0	0
0.054279	0	0	0	0	0	0
0.027772	0	0	0	0	0	0
0.01635	0	0	0	0	0	0
0.016985	0	0	0	0	0	0
0.015466	0	0	0	0	0	0
0.037906	0	0	0	0	0	0
0.05673	0	0	0	0	0	0
0.058069	0	0	0	0	0	0
0.04671	0	0	0	0	0	0
0.049195	0	0	0	0	0	0
0.010381	0	0	0	0	0	0
0.047364	0	0	0	0	0	0
0.06793	0	0	0	0	0	0
0.012419	0	0	0	0	0	0
0.016196	0	0	0	0	0	0
0.004523	0	0	0	0	0	0
0.013143	0	0	0	0	0	0
0.008667	0	0	0	0	0	0
0.011077	0	0	0	0	0	0
0.003595	0	0	0	0	0	0
0.003821	0	0	0	0	0	0
0.010219	0	0	0	0	0	0
0.121974	0	0	0	0	0	0
0.076078	0	0	0	0	0	0
0.005305	0	0	0	0	0	0
0.009614	0	0	0	0	0	0
0.006863	0	0	0	0	0	0
0.017714	0	0	0	0	0	0

0.047545	0	0	0	0	0	0
0.006572	0	0	0	0	0	0
0.000788	0	0	0	0	0	0
0.0063	0	0	0	0	0	0
0.059082	0	0	0	0	0	0
0.056456	0	0	0	0	0	0
0.043942	0	0	0	0	0	0
0.054682	0	0	0	0	0	0
0.051332	0	0	0	0	0	0
0.042683	0	0	0	0	0	0
0.067389	0	0	0	0	0	0
0.010914	0	0	0	0	0	0
0.006163	0	0	0	0	0	0
0.004377	0	0	0	0	0	0
0.011653	0	0	0	0	0	0
0.010502	0	0	0	0	0	0
0.029054	0	0	0	0	0	0
0.018144	0	0	0	0	0	0
0.030846	0	0	0	0	0	0
0.068444	0	0	0	0	0	0
0.011653	0	0	0	0	0	0
0.009067	0	0	0	0	0	0
0.011198	0	0	0	0	0	0
0.009197	0	0	0	0	0	0
0.008555	0	0	0	0	0	0
0.008837	0	0	0	0	0	0
0.011502	0	0	0	0	0	0
0.010275	0	0	0	0	0	0
0.009546	0	0	0	0	0	0
0.008142	0	0	0	0	0	0
0.025797	0	0	0	0	0	0
0.002575	0	0	0	0	0	0
0.006396	0	0	0	0	0	0
0.015144	0	0	0	0	0	0
0.009794	0	0	0	0	0	0
0.035436	0	0	0	0	0	0
0.009456	0	0	0	0	0	0
0.013311	0	0	0	0	0	0
0.017815	0	0	0	0	0	0
0.013972	0	0	0	0	0	0
0.004797	0	0	0	0	0	0
0.024707	0	0	0	0	0	0
0.01019	0	0	0	0	0	0
0.00732	0	0	0	0	0	0
0.161013	0	0	0	0	0	0
0.085944	0	0	0	0	0	0
0.136391	0	0	0	0	0	0
0.23641	0	0	0	0	0	0
0.065711	0	0	0	0	0	0
0.227948	0	0	0	0	0	0

0.089736	0	0	0	0	0	0
0.549983	0	0	0	0	0	0
0.334689	0	0	0	0	0	0
0.152509	0	0	0	0	0	0
0.01147	0	0	0	0	0	0
0.00624	0	0	0	0	0	0
0.005543	0	0	0	0	0	0
0.01236	0	0	0	0	0	0
0.025845	0	0	0	0	0	0
0.013593	0	0	0	0	0	0
0.003881	0	0	0	0	0	0
0.006204	0	0	0	0	0	0
0.014127	0	0	0	0	0	0
0.013976	0	0	0	0	0	0
0.007078	0	0	0	0	0	0
0.006978	0	0	0	0	0	0
0.006872	0	0	0	0	0	0
0.006608	0	0	0	0	0	0
0.015673	0	0	0	0	0	0
0.063034	0	0	0	0	0	0
0.106941	0	0	0	0	0	0
0.058072	0.04	0	0	0	0	0
0.100005	0	0	0	0	0	0
0.004313	0	0	0	0	0	0
0.009662	0	0	0	0	0	0
0.005695	0	0	0	0	0	0
0.035202	0	0	0	0	0	0
0.031405	0	0	0	0	0	0
0.013934	0	0	0	0	0	0
0.008936	0	0	0	0	0	0
0.009069	0	0	0	0	0	0
0.012431	0	0	0	0	0	0
0.01013	0	0	0	0	0	0
0.019403	0	0	0	0	0	0
0.039221	0	0	0	0	0	0
0.123307	0	0	0	0	0	0
0.061149	0	0	0	0	0	0
0.036603	0	0	0	0	0	0
0.040418	0	0	0	0	0	0
0.055699	0	0	0	0	0	0
0.055353	0	0	0	0	0	0
0.056471	0	0	0	0	0	0
0.032111	0	0	0	0	0	0
0.064177	0	0	0	0	0	0
0.071758	0	0	0	0	0	0
0.055169	0	0	0	0	0	0
0.059379	0	0	0	0	0	0
0.057894	0	0	0	0	0	0
0.045224	0	0	0	0	0	0
0.047682	0	0	0	0	0	0

0.04284	0	0	0	0	0	0
0.046711	0	0	0	0	0	0
0.065189	0	0	0	0	0	0
0.090545	0	0	0	0	0	0
0.048409	0	0	0	0	0	0
0.058645	0	0	0	0	0	0
0.060511	0	0	0	0	0	0
0.037983	0	0	0	0	0	0
0.067055	0	0	0	0	0	0
0.045869	0	0	0	0	0	0
0.069342	0	0	0	0	0	0
0.043687	0	0	0	0	0	0
0.04906	0	0	0	0	0	0
0.031659	0	0	0	0	0	0
0.018341	0	0	0	0	0	0
0.023053	0	0	0	0	0	0
0.011547	0	0	0	0	0	0
0.025586	0	0	0	0	0	0
0.00962	0	0	0	0	0	0
0.01531	0	0	0	0	0	0
0.072776	0	0	0	0	0	0
0.009971	0	0	0	0	0	0
0.0126	0	0	0	0	0	0
0.021483	0	0	0	0	0	0
0.017019	0	0	0	0	0	0
0.007432	0	0	0	0	0	0
0.023389	0	0	0	0	0	0
0.024656	0	0	0	0	0	0
0.001304	0	0	0	0	0	0
0.000596	0	0	0	0	0	0
0.002485	0	0	0	0	0	0
0.051204	0	0	0	0	0	0
0.049463	0	0	0	0	0	0
0.056203	0	0	0	0	0	0
0.058893	0	0	0	0	0	0
0.029229	0	0	0	0	0	0
0.102774	0	0	0	0	0	0
0.719663	0	0	0	0	0	0
0.106643	0	0	0	0	0	0
0.098393	0.11	0	0	0	0	0
0.029287	0	0	0	0	0	0
0.021405	0	0	0	0	0	0
0.014139	0	0	0	0	2	2
0.039872	0	2	0	0	0	2
0.015301	0	0	0	0	0	0
0.013007	0	0	0	0	0	0
0.013656	0	0	0	0	0	0
0.01407	0	0	0	0	0	0
0.029036	0	0	0	0	0	0
0.007008	0	0	0	0	0	0

0.00836	0	0	0	0	0	0
0.021886	0	0	0	0	0	0
0.017659	0	0	0	0	0	0
0.01277	0	0	0	0	0	0
0.041735	0	0	0	0	0	0
0.012178	0	0	0	0	0	0
0.013228	0	0	0	0	0	0
0.053969	0	0	0	0	0	0
0.0321	0	0	0	0	0	0
0.012207	0	0	0	0	0	0
0.567832	0	0	0	1	0	1
0.023576	0	0	0	0	0	0
0.023203	0	0	0	0	0	0
0.025736	0	0	0	0	0	0
0.022926	0	0	0	0	0	0
0.02344	0	0	0	0	0	0
0.024646	0	0	0	0	0	0
0.028891	0	0	0	0	0	0
0.063443	0	0	0	0	0	0
0.037598	0	0	0	0	0	0
0.067407	0	0	0	0	0	0
0.04623	0	0	0	0	0	0
0.031527	0	0	0	0	0	0
0.030076	0	0	0	0	0	0
0.029663	0	0	0	0	0	0
0.045624	0	0	0	0	0	0
0.017559	0	0	0	0	0	0
0.016515	0	0	0	0	0	0
0.059529	0	0	0	0	0	0
0.024354	0	0	0	0	0	0
0.087666	0	0	0	0	0	0
0.117036	0	0	0	0	0	0
0.059447	0	0	0	0	0	0
0.033441	0	0	0	0	0	0
0.018096	0	0	0	0	0	0
0.019865	0	0	0	0	0	0
0.215278	0	0	0	0	0	0
0.052295	0	0	0	0	0	0
0.024205	0	0	0	0	0	0
0.066049	0	0	0	0	0	0
0.042773	0	0	0	0	0	0
0.036236	0	0	0	0	0	0
0.036658	0	0	0	0	0	0
0.050599	0	0	0	0	0	0
0.063526	0	0	0	0	0	0
0.061571	0	0	0	0	0	0
0.043836	0	0	0	0	0	0
0.045688	0	0	0	0	0	0
0.04449	0	0	0	0	0	0
0.049763	0	0	0	0	0	0

0.043453	0	0	0	0	0	0
0.035518	0	0	0	0	0	0
0.031403	0	0	0	0	0	0
0.032608	0	0	0	0	0	0
0.034655	0	0	0	0	0	0
0.027874	0	0	0	0	0	0
0.035622	0	0	0	0	0	0
0.041855	0	0	0	0	0	0
0.031548	0	0	0	0	0	0
0.020836	0	0	0	0	0	0
0.019538	0	0	0	0	0	0
0.017122	0	0	0	0	0	0
0.020787	0	0	0	0	0	0
0.097227	0	0	0	0	0	0
0.058425	0	0	0	0	0	0
0.064877	0	0	0	0	0	0
0.039109	0	0	0	0	0	0
0.425367	0.05	6	0	0	0	6
0.021166	0	0	0	0	0	0
0.026431	0	0	0	0	0	0
0.034506	0	0	0	0	0	0
0.05122	0	0	0	0	0	0
0.011444	0	0	0	0	0	0
0.031041	0	0	0	0	0	0
0.183756	0.01	0	0	0	0	0
0.043269	0	0	0	0	0	0
0.02246	0	0	0	0	0	0
0.028939	0	0	0	0	0	0
0.072375	0	0	0	0	0	0
0.095278	0	0	0	0	0	0
0.069689	0	0	0	0	0	0
0.021534	0	0	0	0	0	0
0.036226	0	0	0	0	0	0
0.094311	0	0	0	0	0	0
0.021722	0	0	0	0	0	0
0.035483	0	0	0	0	0	0
0.079313	0	0	0	0	0	0
0.067368	0	0	0	0	0	0
0.023514	0	0	0	0	0	0
0.122156	0	0	0	0	0	0
0.123927	0	0	0	0	6	6
0.045926	0	0	0	0	0	0
0.06043	0	0	0	0	0	0
0.04225	0	0	0	0	0	0
0.030608	0	0	0	0	0	0
0.044528	0	0	0	0	0	0
0.047819	0	0	0	0	0	0
0.025789	0	0	0	0	0	0
0.031535	0	0	0	0	0	0
0.120502	0	0	0	0	0	0



0.038153	0	0	0	0	0	0
0.015341	0	0	0	0	0	0
0.053873	0	0	0	0	0	0
0.033541	0	0	0	0	0	0
0.022425	0	0	0	0	0	0
0.058309	0	0	0	0	0	0
0.030742	0	0	0	0	0	0
0.014835	0	0	0	0	0	0
0.099318	0	0	0	0	0	0
0.116624	0	0	0	0	0	0
0.033978	0	0	0	0	0	0
0.047766	0	0	0	0	0	0
0.023525	0	0	0	0	0	0
0.052159	0	0	0	0	0	0
0.049863	0	0	0	0	0	0
0.03678	0	0	0	0	0	0
0.047269	0	0	0	0	0	0
0.029935	0	0	0	0	0	0
0.042473	0	0	0	0	0	0
0.006074	0	0	0	0	0	0
0.003191	0	0	0	0	0	0
0.003888	0	0	0	0	0	0
0.003016	0	0	0	0	0	0
0.003616	0	0	0	0	0	0
0.004295	0	0	0	0	0	0
0.002549	0	0	0	0	0	0
0.091318	0	0	0	0	0	0
0.006437	0	0	0	0	0	0
0.003173	0	0	0	0	0	0
0.014563	0	0	0	0	0	0
0.003225	0	0	0	0	0	0
0.002827	0	0	0	0	0	0
0.003143	0	0	0	0	0	0
0.003281	0	0	0	0	0	0
0.004065	0	0	0	0	0	0
0.002888	0	0	0	0	0	0
0.004982	0	0	0	0	0	0
0.006079	0	0	0	0	0	0
0.01524	0	0	0	0	0	0
0.004405	0	0	0	0	0	0
0.005186	0	0	0	0	0	0
0.003041	0	0	0	0	0	0
0.012276	0	0	0	0	0	0
0.132877	0	0	0	0	0	0
0.006036	0	0	0	0	0	0
0.045104	0	0	0	0	0	0
0.009225	0	0	0	0	0	0
0.010699	0	0	0	0	0	0
0.008461	0	0	0	0	0	0
0.007315	0	0	0	0	0	0

0.003554	0	5	0	0	0	5
0.002027	0	0	0	0	0	0
0.000565	0	0	0	0	0	0
0.000958	0	0	0	0	5	5
0.00215	0	5	0	0	3	8
0.000994	0	3	0	0	0	3
0.001651	0	0	0	0	0	0
0.001425	0	12	0	0	0	12
0.001021	0	0	0	0	0	0
0.00133	0	0	0	0	0	0
0.000869	0	0	0	0	0	0
0.003179	0	0	0	0	0	0
0.00921	0	0	0	0	0	0
0.012314	0	0	0	0	0	0
0.001404	0	0	0	0	0	0
0.00094	0	0	0	0	10	10
0.000468	0	10	0	0	3	13
0.000548	0	3	0	0	0	3
0.000985	0	0	0	0	0	0
0.001808	0	0	0	0	3	3
0.000603	0	3	0	0	0	3
0.003007	0	0	0	0	0	0
0.000987	0	0	0	0	0	0
0.001699	0	0	0	0	0	0
0.000609	0	0	0	0	0	0
0.000826	0	0	0	0	0	0
0.000515	0	0	0	0	0	0
0.000635	0	0	0	0	0	0
0.000477	0	0	0	0	0	0
0.00026	0	0	0	0	0	0
0.003244	0	0	0	0	0	0
0.000284	0	0	0	0	0	0
0.002123	0	0	0	0	0	0
0.001708	0	0	0	0	0	0
0.000329	0	0	0	0	0	0
0.00145	0	0	0	0	0	0
0.001497	0	0	0	0	0	0
0.001813	0	0	0	0	0	0
0.002054	0	0	0	0	0	0
0.001753	0	0	0	0	0	0
0.007479	0	0	0	0	0	0
0.00123	0	0	0	0	0	0
0.001002	0	0	0	0	0	0
0.001544	0	0	0	0	9	9
0.003592	0	9	8	0	0	17
0.012168	0	0	0	0	0	0
0.002926	0	0	0	0	0	0
0.002538	0	0	0	0	0	0
0.071132	0	0	0	0	0	0
0.080365	0	0	0	0	0	0

0.043802	0	0	0	0	0	0
0.001284	0	0	0	0	0	0
0.002305	0	13	11	20	0	44
0.000228	0	0	0	0	0	0
0.001312	0	0	15	8	14	37
0.00043	0	14	0	0	25	39
0.000202	0	25	0	0	0	25
0.000409	0	0	0	0	0	0
0.002007	0	0	0	0	0	0
0.000849	0	0	0	1	0	1
0.001567	0	0	0	0	0	0
0.0003	0	0	9	9	0	18
0.912467	0	0	6	11	0	17
0.000838	0	0	0	0	0	0
0.000652	0	0	0	0	0	0
0.002699	0	0	0	0	20	20
0.000452	0	20	0	0	4	24
0.000158	0	4	0	0	0	4
0.000277	0	0	0	0	0	0
0.000186	0	0	0	0	0	0
0.065393	0	0	0	0	0	0
0.044976	0	0	0	0	0	0
0.102761	0	0	0	0	0	0
0.19999	0	0	0	0	0	0
0.04225	0	0	0	0	0	0
0.123049	0	0	0	0	0	0
0.136096	0	0	0	0	0	0
0.080884	0	0	0	0	0	0
0.095318	0	0	0	0	0	0
0.058503	0	0	0	0	0	0
0.053567	0	0	0	0	0	0
0.039838	0	0	0	0	0	0
0.025111	0	0	0	0	0	0
0.013234	0	0	0	0	0	0
0.008209	0	0	0	0	0	0
0.019817	0	0	0	0	0	0
0.007461	0	0	0	0	0	0
0.019886	0	0	0	0	0	0
0.086192	0	0	0	0	0	0
0.025905	0	0	0	0	0	0
0.020018	0	0	0	0	0	0
0.068318	0	0	0	0	0	0
0.018023	0	0	0	0	0	0
0.010776	0	0	0	0	0	0
0.015101	0	0	0	0	0	0
0.013908	0	0	0	0	0	0
0.023077	0	0	0	0	0	0
0.028489	0	0	0	0	0	0
0.011191	0	0	0	0	0	0
0.02593	0	0	0	0	0	0

0.056926	0	0	0	0	0	0
0.088373	0	0	0	0	0	0
0.058722	0	0	0	0	0	0
0.047821	0	0	0	0	0	0
0.062245	0	0	0	0	0	0
0.072993	0	0	0	0	0	0
0.060208	0	0	0	0	0	0
0.059298	0	0	0	0	0	0
0.012803	0	0	0	0	0	0
0.0114	0	0	0	0	0	0
0.009069	0	0	0	0	0	0
0.0077	0	0	0	0	0	0
0.007068	0	0	0	0	0	0
0.007868	0	0	0	0	0	0
0.005946	0	0	0	0	0	0
0.00737	0	0	0	0	0	0
0.005291	0	0	0	0	0	0
0.006605	0	0	0	0	0	0
0.057178	0	0	0	0	0	0
0.006811	0	0	0	0	0	0
0.005537	0	0	0	0	0	0
0.02698	0	0	0	0	0	0
0.069817	0	0	0	0	0	0
0.071636	0	0	0	0	0	0
0.041514	0	0	0	0	0	0
0.005368	0	0	0	0	0	0
0.006614	0	0	0	0	0	0
0.043851	0	0	0	0	0	0
0.008917	0	0	0	0	0	0
0.010824	0	0	0	0	0	0
0.012499	0	0	0	0	0	0
0.005745	0	0	0	0	0	0
0.004652	0	0	0	0	0	0
0.101731	0.01	0	0	0	0	0
0.000812	0	0	0	0	14	14
0.000456	0	0	0	0	1	1
0.000156	0	1	0	0	0	1
0.000247	0	14	0	0	0	14
0.000067	0	0	0	0	0	0
0.000879	0	0	0	0	0	0
0.000565	0	0	0	0	0	0
0.00037	0	0	0	0	0	0
0.000644	0	0	0	0	0	0
0.002488	0	0	0	0	0	0
0.000195	0	0	0	0	0	0
0.000061	0	0	0	0	0	0
0.000191	0	0	0	0	0	0
0.00035	0	0	0	0	0	0
0.000574	0	0	0	0	0	0
0.000121	0	0	0	0	0	0

0.000554	0	0	0	0	3	3
0.000146	0	3	0	0	0	3
0.000348	0	0	0	0	0	0
0.000473	0	0	0	0	0	0
0.000004	0	0	0	0	0	0
0.000146	0	0	0	0	0	0
0.001648	0	0	0	0	0	0
0.001193	0	0	0	0	0	0
0.00049	0	0	0	0	0	0
0.000713	0	0	0	0	0	0
0.000176	0	0	0	0	0	0
0.001064	0	0	0	0	0	0
0.001147	0	0	0	0	0	0
0.000732	0	0	0	0	0	0
0.105513	0	0	0	0	17	17
0.000316	0	17	0	0	0	17
0.000706	0	0	0	0	0	0
0.001782	0	0	0	0	1	1
0.001378	0	0	0	0	0	0
0.000922	0	0	0	0	0	0
0.000305	0	0	0	0	0	0
0.000005	0	0	0	0	0	0
0.000936	0	0	0	0	0	0
0.000003	0	0	0	0	0	0
0.000038	0	0	0	0	5	5
0.000014	0	5	0	0	0	5
0.000111	0	0	0	0	0	0
0.113981	0.01	0	0	0	0	0
0.010033	0	0	0	0	0	0
0.002509	0	0	0	0	0	0
0.004507	0	0	0	0	0	0
0.422131	0.03	0	0	0	0	0
0.026131	0	0	0	0	0	0
0.061448	0	0	0	0	0	0
0.017707	0	0	0	0	0	0
0.023972	0	0	0	0	0	0
0.012691	0	0	0	0	0	0
0.025132	0	0	0	0	0	0
0.004653	0	0	0	0	0	0
0.042146	0	0	0	0	0	0
0.009016	0	0	0	0	0	0
0.03846	0.01	0	0	0	0	0
0.0117	0	0	0	0	0	0
0.002857	0	0	0	0	0	0
0.062376	0	0	0	0	0	0
0.005218	0	0	0	0	0	0
0.007778	0	0	0	0	0	0
0.00576	0	0	0	0	0	0
0.006682	0	0	0	0	0	0
0.012982	0	0	0	0	0	0

0.003183	0	0	0	0	0	0
0.001802	0	0	0	0	0	0
0.001325	0	0	0	0	0	0
0.001565	0	0	0	0	3	3
0.002517	0	3	0	0	0	3
0.001968	0	0	0	0	0	0
0.001551	0	0	0	0	0	0
0.004455	0	0	0	0	0	0
0.036129	0	0	0	0	0	0
0.228027	0	0	0	0	0	0
0.002366	0	0	0	0	0	0
0.002576	0	0	0	0	2	2
0.009303	0	2	0	0	0	2
0.002754	0	0	0	0	1	1
0.002815	0	1	0	0	0	1
0.135603	0	0	0	6	0	6
0.004715	0	0	0	0	0	0
0.025661	0	0	0	0	0	0
0.012916	0	0	0	0	0	0
0.002672	0	0	0	0	0	0
0.014124	0	0	0	0	0	0
0.002779	0	4	0	0	0	4
0.010513	0	0	0	0	0	0
0.003467	0	0	0	0	0	0
0.006301	0	0	0	0	0	0
0.016405	0	0	0	0	0	0
0.004449	0	0	0	0	0	0
0.00281	0	0	0	0	0	0
0.002235	0	0	0	0	3	3
0.007776	0	3	0	0	0	3
0.010411	0	0	0	0	0	0
0.008495	0	0	0	0	0	0
0.004675	0	0	0	0	0	0
0.007553	0	0	0	0	0	0
0.006105	0	0	0	0	0	0
0.007999	0	0	0	0	0	0
0.006747	0	0	0	0	0	0
0.011231	0	0	0	0	0	0
0.003074	0	0	0	0	4	4
0.03673	0.13	0	0	0	0	0
0.016331	0	0	0	0	0	0
0.011018	0	0	0	0	0	0
0.03259	0	0	0	0	0	0
0.019009	0.03	0	0	0	0	0
0.016235	0.02	0	0	0	0	0
0.006716	0	0	0	0	0	0
0.007296	0	0	0	0	0	0
0.008347	0	0	0	0	0	0
0.024509	0	0	0	0	0	0
0.043246	0	0	0	0	0	0

0.028073	0	0	0	0	0	0
0.007405	0	0	0	0	0	0
0.011733	0	0	0	0	0	0
0.004485	0	0	0	0	0	0
0.005705	0	0	0	0	0	0
0.010587	0	0	0	0	0	0
0.051619	0	0	0	0	0	0
0.077875	0	0	0	0	0	0
0.042981	0	0	0	0	0	0
0.081971	0	0	0	0	0	0
0.0066	0	0	0	0	0	0
0.008295	0	0	0	0	0	0
0.010055	0	0	0	0	0	0
0.005943	0	0	0	0	0	0
0.019649	0	0	0	0	0	0
0.001537	0	0	0	0	0	0
0.015821	0	0	0	0	0	0
0.017303	0	0	0	0	0	0
0.013707	0	0	0	0	0	0
0.012132	0	0	0	0	0	0
0.025981	0	0	0	0	0	0
0.011619	0	0	0	0	0	0
0.00196	0	0	0	0	0	0
0.006962	0	0	0	0	0	0
0.001473	0	0	0	0	0	0
0.004458	0	0	0	0	0	0
0.0026	0.02	0	0	0	0	0
0.023772	0	0	0	0	0	0
0.009946	0	0	0	0	0	0
0.008916	0	0	0	0	0	0
0.004839	0	0	0	0	0	0
0.003495	0	0	0	0	0	0
0.005238	0	0	0	0	0	0
0.001338	0	0	0	0	0	0
0.002166	0	0	0	0	0	0
0.00218	0	0	0	0	0	0
0.00589	0	0	0	0	0	0
0.036757	0	0	0	0	0	0
0.004317	0	0	0	0	0	0
0.001545	0	0	0	0	0	0
0.005187	0	0	0	0	0	0
0.001908	0	0	0	0	0	0
0.00202	0	0	0	0	0	0
0.001739	0	0	0	0	0	0
0.002367	0	0	0	0	0	0
0.005258	0	0	0	0	0	0
0.001297	0	0	0	0	0	0
0.000944	0	0	0	0	0	0
0.001318	0	0	0	0	0	0
0.001181	0	0	0	0	0	0

0.002353	0	0	0	0	0	0
0.015109	0	0	0	0	0	0
0.002502	0	0	0	0	0	0
0.003791	0	0	0	0	0	0
0.004318	0	0	0	0	0	0
0.000784	0	0	0	0	0	0
0.000521	0	0	0	0	0	0
0.000585	0	0	0	0	0	0
0.001364	0	0	0	0	0	0
0.001818	0	0	0	0	0	0
0.002431	0	0	0	0	0	0
0.001904	0	0	0	0	0	0
0.001479	0	0	0	0	0	0
0.132479	0	0	0	0	0	0
0.059484	0	0	0	0	0	0
0.005472	0	0	0	0	0	0
0.001186	0	0	0	0	0	0
0.008428	0	0	0	0	0	0
0.016218	0	0	0	0	0	0
0.004696	0	0	0	0	0	0
0.013069	0	0	0	0	0	0
0.02075	0	0	0	0	0	0
0.00141	0	0	0	0	0	0
0.004533	0	0	0	0	0	0
0.002776	0	0	0	0	0	0
0.001319	0	0	0	0	0	0
0.001271	0	0	0	0	0	0
0.061237	0	0	0	0	0	0
0.074521	0	0	0	0	0	0
0.044595	0	0	0	0	0	0
0.040187	0	0	0	0	0	0
0.044179	0	0	0	0	0	0
0.040791	0	0	0	0	0	0
0.055632	0	0	0	0	0	0
0.017846	0	0	0	0	0	0
0.103624	0	0	0	0	0	0
0.056302	0	0	0	0	0	0
0.054862	0	0	0	0	0	0
0.069645	0	0	0	0	0	0
0.054494	0	0	0	0	0	0
0.069223	0	0	0	0	0	0
0.012648	0	0	0	0	0	0
0.064557	0	0	0	0	0	0
0.041596	0	0	0	0	0	0
0.06217	0	0	0	0	0	0
0.0662	0	0	0	0	0	0
0.044807	0	0	0	0	0	0
0.047682	0	0	0	0	0	0
0.064701	0	0	0	0	0	0
0.050254	0	0	0	0	0	0



0.070205	0	0	0	0	0	0
0.06014	0	0	0	0	0	0
0.015147	0	0	0	0	0	0
0.062228	0	0	0	0	0	0
0.053708	0	0	0	0	0	0
0.042729	0	0	0	0	0	0
0.089146	0	0	0	0	0	0
0.034255	0	0	0	0	0	0
0.026147	0	0	0	0	0	0
0.016637	0	0	0	0	0	0
0.019611	0	0	0	0	0	0
0.030484	0	0	0	0	0	0
0.938116	0	0	0	0	0	0
0.062447	0	0	0	0	0	0
0.052153	0	0	0	0	0	0
0.062924	0	0	0	0	0	0
0.058686	0	0	0	0	0	0
0.034884	0	0	0	0	0	0
0.044162	0	0	0	0	0	0
0.061525	0	0	0	0	0	0
0.04398	0	0	0	0	0	0
0.04562	0	0	0	0	0	0
0.03708	0	0	0	0	0	0
0.040062	0	0	0	0	0	0
0.047228	0	0	0	0	0	0
0.051075	0	0	0	0	0	0
0.039777	0	0	0	0	0	0
0.039941	0	0	0	0	0	0
0.033295	0	0	0	0	0	0
0.025228	0	0	0	0	0	0
0.024036	0	0	0	0	0	0
0.069969	0	0	0	0	0	0
0.05941	0	0	0	0	0	0
0.048005	0	0	0	0	0	0
0.070902	0	0	0	0	0	0
0.135107	0	0	0	0	0	0
0.047624	0	0	0	0	0	0
0.049363	0	0	0	0	0	0
0.039038	0	0	0	0	0	0
0.046933	0	0	0	0	0	0
0.050242	0	0	0	0	0	0
0.036836	0	0	0	0	0	0
0.030338	0	0	0	0	0	0
0.069816	0	0	0	0	0	0
0.057044	0	0	0	0	0	0
0.104105	0	0	0	0	0	0
0.044349	0	0	0	0	0	0
0.034839	0	0	0	0	4	4
0.181907	0	4	0	0	0	4
0.083861	0	0	0	0	0	0

0.060254	0	0	0	0	0	0
0.051754	0	0	0	0	0	0
0.05477	0	0	0	0	0	0
0.05318	0	0	0	0	0	0
0.046665	0	0	0	0	0	0
0.061294	0	0	0	0	0	0
0.047762	0	0	0	0	0	0
0.012192	0	0	0	0	0	0
0.004662	0	0	0	0	0	0
0.005567	0	0	0	0	0	0
0.005417	0	0	0	0	0	0
0.004662	0	0	0	0	0	0
0.003862	0	0	0	0	0	0
0.005928	0	0	0	0	0	0
0.003915	0	0	0	0	0	0
0.00423	0	0	0	0	0	0
0.006767	0	0	0	0	0	0
0.008373	0	0	0	0	0	0
0.006284	0	0	0	0	0	0
0.004493	0	0	0	0	0	0
0.006165	0	0	0	0	0	0
0.008148	0	0	0	0	0	0
0.003743	0	0	0	0	0	0
0.00443	0	0	0	0	0	0
0.004174	0	0	0	0	0	0
0.014952	0	0	0	0	0	0
0.006432	0	0	0	0	0	0
0.010351	0	0	0	0	0	0
0.019658	0	0	0	0	0	0
0.010686	0	0	0	0	0	0
0.010136	0	0	0	0	0	0
0.061524	0	0	0	0	0	0
0.012492	0	0	0	0	0	0
0.033563	0	0	0	0	0	0
0.07146	0	0	0	0	0	0
0.18678	0.07	0	0	0	0	0
0.018567	0	0	0	0	0	0
0.018418	0	0	0	0	0	0
0.012258	0	0	0	0	0	0
0.024613	0	0	0	0	0	0
0.024194	0	0	0	0	0	0
0.201447	0	0	0	0	0	0
0.009393	0	0	0	0	0	0
0.018012	0	0	0	0	0	0
0.010276	0	0	0	0	0	0
0.012052	0	0	0	0	0	0
0.015385	0	0	0	0	0	0
0.027188	0	0	0	0	0	0
0.03607	0	0	0	0	0	0
0.091874	0	0	0	0	0	0

0.015074	0	0	0	0	0	0
0.026846	0	0	0	0	0	0
0.040994	0	0	0	0	0	0
0.03177	0	0	0	0	0	0
0.025066	0	0	0	0	0	0
0.244298	0	0	0	0	0	0
0.070023	0	0	0	0	0	0
0.056635	0	0	0	0	0	0
0.052807	0	0	0	0	0	0
0.03539	0	0	0	0	0	0
0.005674	0	0	0	0	0	0
0.008274	0	0	0	0	0	0
0.012413	0	0	0	0	0	0
0.04978	0	0	0	0	0	0
0.017739	0	0	0	0	0	0
0.00481	0	0	0	0	0	0
0.007673	0	0	0	0	0	0
0.027617	0	0	0	0	0	0
0.014226	0	0	0	0	0	0
0.013999	0	0	0	0	0	0
0.01632	0	0	0	0	0	0
0.017239	0	0	0	0	0	0
0.021376	0	0	0	0	0	0
0.324009	0	0	0	0	0	0
0.109354	0	0	0	0	0	0
0.005752	0	0	0	0	0	0
0.000876	0	0	0	0	4	4
0.066502	0	0	0	0	0	0
0.062325	0	0	0	0	0	0
0.047903	0	0	0	0	0	0
0.042547	0	0	0	0	0	0
0.082222	0	0	0	0	0	0
0.073007	0	0	0	0	0	0
0.03716	0	0	0	0	0	0
0.067352	0	0	0	0	0	0
0.043054	0	0	0	0	0	0
0.042158	0	0	0	0	0	0
0.042632	0	0	0	0	0	0
0.110311	0	0	0	0	0	0
0.422021	0	0	0	0	0	0
0.412095	0.13	0	0	0	0	0
0.047328	0	0	0	0	0	0
0.035363	0	0	0	0	0	0
0.032212	0	0	0	0	0	0
0.032963	0	0	0	0	0	0
0.021896	0	0	0	0	0	0
0.049958	0	0	0	0	0	0
0.036024	0	0	0	0	0	0
0.028411	0	0	0	0	0	0
0.015323	0	0	0	0	0	0

0.029593	0	0	0	0	0	0
0.01525	0	0	0	0	0	0
0.012634	0	0	0	0	0	0
0.205337	0	0	0	0	0	0
0.025118	0	0	0	0	0	0
0.069903	0	0	0	0	0	0
0.022419	0	0	0	0	0	0
0.010117	0	0	0	0	0	0
0.028102	0	0	0	0	0	0
0.018843	0	0	0	0	0	0
0.006327	0	0	0	0	0	0
0.085377	0	0	0	0	0	0
0.066319	0	0	0	0	0	0
0.107412	0	0	0	0	0	0
0.096206	0	0	0	0	0	0
0.057651	0	0	0	0	0	0
0.023943	0	0	0	0	0	0
0.025287	0	0	0	0	0	0
0.019487	0	0	0	0	0	0
0.022899	0	0	0	5	0	5
0.018753	0	0	0	0	0	0
0.017654	0	0	0	0	0	0
0.013967	0	0	0	0	0	0
0.087661	0	0	0	0	0	0
0.036331	0	0	0	0	0	0
0.053872	0	0	0	0	0	0
0.015581	0	0	0	0	0	0
0.018712	0	0	0	0	0	0
0.02642	0	0	0	0	0	0
0.015187	0	0	0	0	0	0
0.010078	0	0	0	0	1	1
0.013325	0	1	0	0	0	1
0.017307	0	0	0	0	0	0
0.012742	0	0	0	0	0	0
0.008373	0	0	0	0	0	0
0.013013	0	0	0	0	0	0
0.034653	0	0	0	0	0	0
0.020129	0	0	0	0	0	0
0.0154	0	0	0	0	0	0
0.009645	0	0	0	0	0	0
0.006817	0	0	0	0	0	0
0.003745	0	0	0	0	0	0
0.012037	0	0	0	0	0	0
0.044358	0	0	0	0	0	0
0.018383	0	0	0	0	0	0
0.016033	0	0	0	0	0	0
0.050192	0	0	0	0	0	0
0.038439	0	0	0	0	0	0
0.02	0	0	0	0	0	0
0.012641	0	0	0	0	0	0

0.184933	0	0	0	0	0	0
0.054244	0	0	0	0	0	0
0.059713	0	0	0	0	0	0
0.070961	0	0	0	0	0	0
0.0588	0	0	0	0	0	0
0.090874	0	0	0	0	0	0
0.056405	0	0	0	0	0	0
0.051956	0	0	0	0	0	0
0.065712	0	0	0	0	0	0
0.065234	0	0	0	0	0	0
0.043149	0	0	0	0	0	0
0.055168	0	0	0	0	0	0
0.074556	0	0	0	0	0	0
0.044599	0	0	0	0	0	0
0.059346	0	0	0	0	0	0
0.176034	0	0	0	0	0	0
0.028191	0	0	0	0	0	0
0.02544	0	0	0	0	0	0
0.020545	0	0	0	0	0	0
0.057969	0	0	0	0	0	0
0.407083	0	0	0	0	0	0
0.127045	0	0	0	0	0	0
0.049105	0	0	0	0	0	0
0.041753	0	0	0	0	0	0
0.037959	0	0	0	0	0	0
0.027949	0	0	0	0	0	0
0.047465	0	0	0	0	0	0
0.026198	0	0	0	0	0	0
0.049518	0	0	0	0	0	0
0.040296	0	0	0	0	0	0
0.024477	0	0	0	0	0	0
0.037918	0	0	0	0	0	0
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0.024494	0	0	0	0	0	0
0.035093	0	0	0	0	0	0
0.112795	0	0	0	0	0	0
0.018187	0	0	0	0	0	0
0.069312	0	0	0	0	0	0
0.064028	0	0	0	0	0	0
0.06596	0	0	0	0	0	0
0.024249	0	0	0	0	0	0
0.06571	0	0	0	0	0	0
0.048017	0	0	0	0	0	0
0.028015	0	0	0	0	0	0
0.047747	0	0	0	0	0	0
0.037769	0	0	0	0	0	0
0.050468	0	0	0	0	0	0
0.02728	0	0	0	0	0	0
0.022898	0	0	0	0	0	0
0.00174	0	0	0	0	0	0

0.002022	0	0	0	0	0	0
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0.000577	0	0	0	0	0	0
0.000421	0	0	0	0	0	0
0.000748	0	0	0	0	0	0
0.000559	0	0	0	0	0	0
0.000438	0	0	0	0	0	0
0.000231	0	0	0	0	0	0
0.00033	0	0	0	0	0	0
0.033978	0	0	0	0	0	0
0.106638	0	0	0	0	0	0
0.099823	0	6	0	0	0	6
0.041901	0	0	0	0	0	0
0.0161	0	0	0	0	0	0
0.022729	0	0	0	0	0	0
0.021033	0	0	0	0	0	0
0.043839	0	0	0	0	0	0
0.017427	0	0	0	0	4	4
0.008726	0	4	0	2	6	12
0.057653	0	6	0	0	4	10
0.007134	0	4	0	0	7	11
0.135019	0	7	0	0	0	7
0.071219	0	0	0	2	11	13
0.022743	0	11	0	0	8	19
0.53024	0	8	0	0	0	8
0.055817	0	0	0	0	0	0
0.022228	0	0	0	0	0	0
0.015755	0	0	0	0	0	0
0.020776	0	0	0	0	0	0
0.017776	0	0	0	0	0	0
0.016746	0	0	0	0	0	0
0.073334	0	0	0	0	6	6
0.068148	0	0	0	0	0	0
0.098051	0	0	0	0	0	0
0.006914	0	0	0	0	0	0
0.007119	0	0	0	0	0	0
0.005734	0	0	0	0	0	0
0.013805	0	0	0	0	0	0
0.009109	0	0	0	0	0	0
0.015773	0	0	0	0	0	0
0.021187	0	0	2	2	6	10
0.012752	0	6	0	0	1	7
0.019125	0	1	9	9	0	19
0.017491	0	0	0	0	0	0
0.108428	0.02	0	0	0	13	13
0.132637	0.03	13	0	0	0	13
0.926807	0	0	31	27	0	58
0.013055	0	0	0	0	0	0
0.018973	0	0	0	0	0	0
0.017532	0	0	0	0	0	0

0.005235	0	0	0	0	0	0
0.018639	0	0	0	0	0	0
0.01754	0	0	0	0	0	0
0.009309	0	0	0	0	0	0
0.027718	0	0	0	0	0	0
0.033784	0	0	0	0	0	0
0.019066	0	0	0	0	0	0
0.018326	0	0	0	0	0	0
0.014745	0	0	0	0	0	0
0.02476	0	0	0	0	0	0
0.115874	0	0	0	0	0	0
0.031103	0	0	0	0	0	0
0.04411	0	0	0	0	0	0
0.03771	0	0	0	0	0	0
0.034703	0	0	0	0	0	0
0.030632	0	0	0	0	0	0
0.023424	0	0	0	0	0	0
0.031547	0	0	0	0	0	0
0.103855	0	0	0	0	0	0
0.030917	0	0	0	0	0	0
0.059913	0	0	0	0	0	0
0.065014	0	0	0	0	0	0
0.126349	0	0	0	0	0	0
0.019516	0	0	0	0	0	0
0.020578	0	0	0	0	0	0
0.022033	0	0	0	0	0	0
0.06112	0	0	0	0	0	0
0.05576	0	0	0	0	0	0
0.133645	0	0	0	0	0	0
0.189884	0	0	0	0	0	0
0.107011	0	0	0	0	0	0
0.106653	0	0	0	0	0	0
0.018222	0	0	0	0	0	0
0.10551	0.01	0	0	0	0	0
0.08159	0.01	0	0	0	0	0
0.026598	0	0	0	0	0	0
0.010758	0	0	0	0	0	0
0.016907	0	0	0	0	0	0
0.011542	0	0	0	0	0	0
0.279117	0	0	0	0	0	0
0.039213	0	0	0	0	0	0
0.05406	0	0	0	0	0	0
0.004689	0	0	0	0	0	0
0.002693	0	0	0	0	0	0
0.002677	0	0	0	0	0	0
0.001346	0	0	0	0	0	0
0.001482	0	0	0	0	0	0
0.016485	0	0	0	0	0	0
0.001748	0	0	0	0	0	0
0.005279	0	0	0	0	0	0

0.005497	0	0	0	0	0	0
0.023901	0	0	0	0	0	0
0.046315	0	0	0	0	0	0
0.029581	0	0	0	0	0	0
0.01882	0	0	0	0	2	2
0.32663	0.03	2	0	0	0	2
0.012255	0	0	0	0	0	0
0.021654	0	0	0	0	0	0
0.091242	0	0	1	1	0	2
0.044762	0	0	0	0	0	0
0.025484	0.01	0	0	0	0	0
0.063825	0	0	0	0	0	0
0.048989	0	0	0	0	0	0
0.006856	0	0	0	0	0	0
0.003577	0	0	0	0	0	0
0.060881	0	0	0	0	0	0
0.046962	0	0	0	0	0	0
0.063307	0	0	0	0	0	0
0.04096	0	0	0	0	0	0
0.046887	0	0	0	0	0	0
0.043776	0	0	0	0	0	0
0.051862	0	0	0	0	0	0
0.045704	0	0	0	0	0	0
0.061224	0	0	0	0	0	0
0.062664	0	0	0	0	0	0
0.415117	0	0	0	0	0	0
0.021182	0	0	0	0	0	0
0.007305	0	0	0	0	0	0
0.010035	0	0	0	0	0	0
0.007728	0	0	0	0	0	0
0.004435	0	0	0	0	0	0
0.893623	0.04	0	2	2	0	4
0.088371	0	0	0	0	0	0
0.095901	0	0	0	0	0	0
0.073536	0	0	0	0	0	0
0.245325	0	0	0	0	0	0
0.049884	0	0	0	0	0	0
0.078608	0	0	0	0	0	0
0.063828	0	0	0	0	0	0
0.066269	0	0	0	0	0	0
0.039908	0	0	0	0	0	0
0.047215	0	0	0	0	0	0
0.037865	0	0	0	0	0	0
0.053953	0	0	0	0	0	0
0.009247	0	0	0	0	0	0
0.004944	0	0	0	0	0	0
0.063517	0	0	0	0	0	0
0.025378	0	0	0	0	0	0
0.011576	0	0	0	0	0	0
0.010972	0	0	0	0	0	0



0.010381	0	0	0	0	0	0
0.02075	0	0	0	0	0	0
0.018386	0	0	0	0	0	0
0.018236	0	0	0	0	0	0
0.143091	0	0	0	0	0	0
0.173718	0	0	0	0	0	0
0.068988	0	0	0	0	0	0
0.045377	0	0	0	0	0	0
0.052647	0	0	0	0	0	0
0.018414	0	0	0	0	0	0
0.103167	0	0	0	3	0	3
0.042848	0	0	0	0	0	0
0.014764	0	0	0	0	0	0
0.038729	0	0	0	0	0	0
0.016643	0	0	0	0	0	0
0.018793	0	0	0	0	0	0
0.029968	0	0	0	0	0	0
0.009534	0	0	0	0	0	0
0.034483	0	0	0	0	0	0
0.017053	0	0	0	0	0	0
0.017769	0	0	0	0	0	0
0.012243	0	0	0	0	0	0
0.018117	0	0	0	0	0	0
0.017007	0	0	0	0	0	0
0.021731	0	0	0	0	0	0
0.035671	0	0	0	0	0	0
0.0425	0	0	0	0	0	0
0.05327	0	0	0	0	0	0
0.078	0	0	0	0	0	0
0.041695	0	0	0	0	0	0
0.052287	0	0	0	0	0	0
0.045645	0	0	0	0	0	0
0.166057	0	0	0	0	0	0
0.211639	0	0	0	0	0	0
0.072225	0	0	0	0	0	0
0.059409	0	0	0	0	0	0
0.034346	0	0	0	0	0	0
0.030299	0	0	0	0	0	0
0.023009	0	0	0	0	0	0
0.037332	0	0	0	0	0	0
0.06938	0	0	0	0	0	0
0.034093	0	0	0	0	0	0
0.045978	0	0	0	0	0	0
0.042738	0	0	0	0	0	0
0.06324	0	0	0	0	0	0
0.003613	0	0	0	0	0	0
0.011549	0	0	0	0	0	0
0.003335	0	0	0	0	0	0
0.004261	0	0	0	0	0	0
0.123455	0	0	0	0	0	0

0.00718	0	0	0	0	0	0
0.005405	0	5	0	0	0	5
0.028002	0	0	0	0	0	0
0.020928	0	0	0	0	0	0
0.004669	0	0	0	0	0	0
0.001432	0	0	0	0	0	0
0.00613	0	0	0	0	2	2
0.012824	0	2	0	20	0	22
0.013332	0	0	0	0	0	0
0.006448	0	0	0	0	0	0
0.007445	0	0	0	0	0	0
0.050463	0	0	0	0	0	0
0.001163	0	0	0	0	0	0
0.001301	0	0	0	0	0	0
0.001128	0	0	0	0	0	0
0.001227	0	0	0	0	0	0
0.001413	0	0	0	0	0	0
0.001205	0	0	0	0	0	0
0.008715	0	0	0	0	0	0
0.022501	0	0	0	0	0	0
0.008839	0	0	0	0	0	0
0.008918	0	0	0	0	0	0
0.005698	0	0	0	0	0	0
0.003558	0	0	0	0	0	0
0.006958	0	0	6	0	0	6
0.005742	0	0	0	0	0	0
0.005662	0.01	0	0	0	0	0
0.006097	0	0	0	0	0	0
0.007062	0	0	0	0	0	0
0.079873	0	0	0	0	0	0
0.022089	0	0	0	0	0	0
0.007068	0	0	0	0	0	0
0.008802	0	0	0	0	0	0
0.008882	0	0	0	0	0	0
0.009583	0	0	0	0	0	0
0.005205	0	0	0	0	0	0
0.021142	0	0	0	0	0	0
0.064019	0	0	0	0	0	0
0.038591	0	0	0	0	0	0
0.012542	0	0	0	0	0	0
0.897271	0.22	0	0	0	0	0
0.104189	0	0	0	0	0	0
0.009555	0	0	0	0	0	0
0.063597	0	0	0	0	0	0
0.014665	0	0	0	0	0	0
0.046954	0	0	0	0	0	0
0.033584	0	0	0	0	0	0
0.012029	0	0	0	0	0	0
0.002734	0	0	0	0	0	0
0.001759	0	0	0	0	0	0

0.001868	0	0	0	0	0	0
0.016603	0	0	0	0	0	0
0.013164	0	0	0	0	0	0
0.066616	0	0	0	0	0	0
0.023604	0	0	0	0	0	0
0.02001	0	0	0	0	0	0
0.050805	0	0	0	0	0	0
0.011151	0	0	0	0	0	0
0.0177	0	0	0	0	0	0
0.021403	0	0	0	0	0	0
0.01899	0	0	0	0	0	0
0.025716	0	0	0	0	0	0
0.06032	0	0	0	0	0	0
0.069078	0	0	0	0	0	0
0.050707	0	0	0	0	0	0
0.063586	0	0	0	0	0	0
0.041336	0	0	0	0	0	0
0.057058	0	0	0	0	0	0
0.035295	0	0	0	0	0	0
0.067756	0	0	0	0	0	0
0.025102	0	0	0	0	0	0
0.007964	0	0	0	0	0	0
0.010491	0	0	0	0	0	0
0.022904	0	0	0	0	0	0
0.051588	0	0	0	0	0	0
0.812796	0	0	0	0	0	0
0.065924	0	0	3	0	0	3
0.05381	0	0	0	0	0	0
0.085075	0	0	0	0	0	0
0.038806	0	0	0	0	0	0
0.061227	0	0	0	0	0	0
0.09196	0	0	0	0	0	0
0.136925	0	0	0	0	0	0
0.087746	0	0	0	0	0	0
0.065117	0	0	0	0	0	0
0.065596	0.31	0	0	0	0	0
0.031823	0	0	9	0	3	12
0.036268	0	3	13	0	0	16
0.015179	0	0	0	0	0	0
0.024899	0	0	0	0	0	0
0.0108	0	0	0	0	0	0
0.162563	0	0	0	0	0	0
0.094057	0	0	0	0	0	0
0.056888	0	0	0	0	0	0
0.058612	0	0	0	0	0	0
0.021547	0	0	0	0	0	0
0.04079	0	0	0	0	0	0
0.168472	0	0	0	0	0	0
0.282196	0.02	0	0	0	0	0
0.2776	0.05	0	0	0	0	0

0.251357	0	0	0	0	0	0
0.180575	0	0	0	0	0	0
0.060396	0	0	0	0	0	0
0.165112	0	0	0	0	0	0
0.059816	0	0	0	0	0	0
0.139492	0	0	0	0	0	0
0.054116	0	0	0	0	0	0
0.045487	0	0	0	0	0	0
0.066965	0	0	0	0	0	0
0.128973	0	0	0	0	0	0
0.034104	0	0	0	0	0	0
0.16092	0	0	0	0	0	0
0.041505	0	0	0	0	0	0
0.028401	0	0	0	0	0	0
0.019917	0	0	0	0	0	0
0.081071	0	0	0	0	0	0
0.085451	0	0	0	0	0	0
0.103862	0	0	0	0	0	0
0.027216	0	0	0	0	0	0
0.022189	0	0	0	0	0	0
0.022401	0	0	0	0	0	0
0.023931	0	0	0	0	0	0
0.027171	0	0	0	0	0	0
0.020362	0	0	0	0	0	0
0.021495	0	0	0	0	0	0
0.01662	0	0	0	0	0	0
0.149202	0	0	0	0	0	0
0.141799	0	0	0	0	0	0
0.268102	0	0	0	0	0	0
0.118678	0	0	0	0	0	0
0.043174	0	0	0	0	0	0
0.036803	0	0	0	0	0	0
0.045077	0	0	0	0	0	0
0.033731	0	0	0	0	0	0
0.087874	0	0	0	0	0	0
0.230048	0	0	0	0	0	0
0.134237	0	0	0	0	0	0
0.087298	0	0	0	0	0	0
0.058393	0	0	0	0	0	0
0.157131	0	0	0	0	0	0
0.056689	0	0	0	0	0	0
0.037556	0	0	0	0	0	0
0.085965	0	0	0	0	0	0
0.098623	0	0	0	0	0	0
0.051554	0	0	0	0	0	0
0.130255	0	0	0	0	0	0
0.03909	0	0	0	0	0	0
0.069315	0	0	0	0	0	0
0.621646	0	0	0	0	0	0
0.032871	0	0	0	0	0	0

0.039923	0	0	0	0	0	0
0.031611	0	0	0	0	0	0
0.042829	0	0	0	0	0	0
0.03394	0	0	0	0	0	0
0.027277	0	0	0	0	0	0
0.006093	0	0	0	0	0	0
0.024268	0	0	0	0	0	0
0.012811	0	0	0	0	0	0
0.007977	0	0	0	0	0	0
0.011652	0	0	0	0	0	0
0.023656	0	0	0	0	0	0
0.013931	0	0	0	0	0	0
0.013925	0	0	0	0	0	0
0.015917	0	0	0	0	0	0
0.037294	0	0	0	0	0	0
0.047961	0	0	0	0	0	0
0.025307	0	0	0	0	0	0
0.009365	0	0	0	0	0	0
0.008918	0	0	0	0	0	0
0.154096	0.01	0	0	0	0	0
0.00123	0	0	0	0	0	0
0.000884	0	0	0	0	0	0
0.000838	0	0	0	0	0	0
0.001636	0	0	0	0	0	0
0.000403	0	0	0	0	0	0
0.001182	0	0	0	0	0	0
0.001463	0	0	0	0	0	0
0.004184	0	0	0	0	0	0
0.006619	0	0	0	0	0	0
0.006101	0	0	0	0	0	0
0.004006	0	0	0	0	0	0
0.00091	0	0	0	0	0	0
0.047118	0	0	0	0	0	0
0.967824	0	0	0	0	0	0
0.416429	0	0	0	0	0	0
0.050021	0	0	0	0	0	0
0.125492	0	0	0	0	0	0
0.062917	0	0	0	0	0	0
0.298021	0	0	0	0	0	0
0.214921	0	0	0	0	0	0
0.08079	0	0	0	0	0	0
0.043885	0	0	0	0	0	0
0.025114	0	0	0	0	0	0
0.061036	0	0	0	0	0	0
0.316048	0	0	0	0	0	0
0.010092	0	0	0	0	0	0
0.003581	0	0	0	0	0	0
0.004988	0	0	0	0	0	0
0.002588	0	0	0	0	0	0
0.009364	0	0	0	0	0	0

0.006263	0	0	0	0	0	0
0.095072	0	0	0	0	0	0
0.446847	0	0	0	0	0	0
0.178363	0	0	0	0	0	0
0.04927	0	0	0	0	0	0
0.089569	0	0	0	0	0	0
0.082136	0	0	0	0	0	0
0.022888	0	0	0	0	0	0
0.027157	0	0	0	0	0	0
0.018384	0	0	0	0	0	0
0.503182	0	0	0	0	0	0
0.291558	0	0	0	0	0	0
0.034866	0	0	0	0	0	0
0.065477	0	0	0	0	0	0
0.039148	0	0	0	0	0	0
0.061215	0	0	0	0	0	0
0.057166	0	0	0	0	0	0
0.041286	0	0	1	0	0	1
0.059738	0	0	0	0	0	0
0.271657	0	0	0	0	0	0
0.079381	0	0	0	0	0	0
0.050616	0	0	0	0	0	0
0.047097	0	0	0	0	0	0
0.072716	0	0	0	0	0	0
0.056201	0	0	0	0	0	0
0.19962	0	0	0	0	0	0
0.025815	0	0	0	0	0	0
0.027226	0	0	0	0	0	0
0.052171	0	0	0	0	0	0
0.056694	0	0	0	0	0	0
0.053245	0	0	0	0	0	0
0.074286	0	0	0	0	0	0
0.094368	0	0	0	0	0	0
0.191322	0	0	0	0	0	0
0.042087	0	0	0	0	0	0
0.412974	0	0	0	0	0	0
0.248924	0	0	0	0	0	0
0.218274	0	0	0	0	0	0
0.217001	0	0	0	0	0	0
0.086887	0	0	0	0	0	0
0.167666	0	0	0	0	0	0
0.01144	0	0	0	0	0	0
0.027682	0	0	0	0	0	0
0.047024	0	0	0	0	0	0
0.663888	0.11	0	0	0	0	0
0.063048	0	0	0	0	0	0
0.110703	0	0	0	0	0	0
0.090244	0	0	0	2	5	7
0.055048	0	5	0	0	0	5
0.034212	0	0	0	0	0	0

0.018891	0	0	0	0	0	0
0.034287	0	0	0	0	0	0
0.01217	0	0	0	0	0	0
0.015015	0	0	0	0	0	0
0.107942	0	0	0	0	0	0
0.05652	0	0	0	0	0	0
0.132961	0	0	0	0	0	0
0.559634	0.01	0	0	0	0	0
0.227337	0	0	0	0	0	0
0.022028	0	0	0	0	0	0
0.047703	0	0	0	0	0	0
0.023985	0	0	0	0	0	0
0.043822	0	0	0	0	0	0
0.139028	0	0	0	0	0	0
0.038829	0	0	0	0	0	0
0.074106	0	0	0	0	0	0
0.069743	0	0	0	0	0	0
0.589832	0	0	0	0	0	0
0.19831	0.03	0	0	0	0	0
0.142976	0	0	0	0	0	0
0.073902	0	0	0	0	0	0
0.047703	0	0	0	0	0	0
0.06686	0	0	0	0	0	0
0.126284	0	0	0	0	0	0
0.402433	0.05	0	0	0	0	0
0.301445	0	0	0	0	0	0
0.142056	0	0	0	0	0	0
0.150613	0	0	0	0	0	0
0.116641	0	0	0	0	0	0
0.491661	0.12	0	0	0	0	0
0.043802	0	0	0	0	0	0
0.027186	0	0	0	0	0	0
0.026875	0	0	0	0	0	0
0.021055	0	0	0	0	0	0
0.031078	0	0	0	0	0	0
0.936617	0	0	0	0	0	0
0.074851	0	0	0	0	0	0
0.068575	0	0	0	0	0	0
0.947996	0	0	0	0	0	0
0.005249	0	0	0	0	0	0
0.018383	0.02	0	0	0	0	0
0.005179	0	0	0	0	0	0
0.012254	0	0	0	0	0	0
0.003695	0	0	0	0	0	0
0.003854	0	0	0	0	0	0
0.003323	0	0	0	0	0	0
0.005267	0	0	0	0	0	0
0.002595	0	0	0	0	0	0
0.003026	0	0	0	0	0	0
0.337137	0.35	0	0	0	0	0

0.026964	0	0	0	0	0	0
0.031824	0	0	0	0	0	0
0.02158	0	0	0	0	0	0
0.020458	0	0	0	0	0	0
0.025045	0	0	0	0	0	0
0.014416	0	0	0	0	0	0
0.038886	0	0	0	0	0	0
0.080683	0	0	0	0	0	0
0.028129	0	0	0	0	0	0
0.093251	0	0	0	0	0	0
0.058156	0	0	0	0	0	0
0.094461	0	0	0	0	0	0
0.451616	0	0	0	0	0	0
0.063296	0	0	0	0	0	0
0.071634	0	0	0	0	0	0
0.097712	0	0	0	0	0	0
0.108247	0	0	0	0	0	0
0.092091	0	0	0	0	0	0
0.052257	0	0	0	0	0	0
0.02761	0	0	0	0	0	0
0.152069	0	0	0	0	0	0
0.027518	0	0	0	0	0	0
0.088133	0	0	0	0	0	0
0.346488	0.24	0	0	0	0	0
0.086339	0.06	0	0	0	0	0
0.03374	0	0	0	0	0	0
0.122856	0.03	0	1	1	2	4
0.283175	0	2	0	0	0	2
0.045632	0.07	0	0	0	0	0
0.01728	0	0	0	0	0	0
0.006737	0	0	0	0	0	0
0.927747	0.22	0	0	0	0	0
0.04837	0	0	0	0	0	0
0.075749	0	0	0	0	0	0
0.292712	0	0	0	0	0	0
0.018927	0	0	0	0	0	0
0.04757	0	0	0	0	0	0
0.047495	0	0	0	0	0	0
0.045592	0	0	0	0	0	0
0.042634	0	0	0	0	0	0
0.030636	0	0	0	0	0	0
0.021851	0	0	0	0	0	0
0.133521	0	0	0	0	0	0
0.007276	0	0	0	0	0	0
0.009766	0	0	0	0	0	0
0.021733	0	0	0	0	0	0
0.014711	0	0	0	0	0	0
0.019251	0	0	0	0	0	0
0.101968	0	0	0	0	0	0
0.069127	0	0	0	0	0	0



0.160419	0	0	0	0	0	0
0.070644	0	0	0	0	0	0
0.041038	0	0	0	0	0	0
0.060738	0	0	0	0	0	0
0.084171	0	0	0	0	0	0
0.042993	0	0	0	0	0	0
0.076182	0	0	0	0	0	0
0.497451	0.14	0	0	0	0	0
0.384034	0.08	0	0	0	0	0
0.199467	0	0	0	0	0	0
0.124484	0	0	0	0	0	0
0.211019	0	0	0	0	0	0
0.136083	0	0	0	0	0	0
0.042151	0	0	0	0	0	0
0.182571	0	0	0	0	0	0
0.084108	0	0	0	0	0	0
0.138103	0	0	0	0	0	0
0.024021	0	0	0	0	0	0
0.016507	0	0	0	0	0	0
0.021813	0	0	0	0	0	0
0.012557	0	0	0	0	0	0
0.019849	0	0	0	0	0	0
0.008859	0	0	0	0	0	0
0.008378	0	0	0	0	0	0
0.013704	0	0	0	0	0	0
0.011064	0	0	0	0	0	0
0.013783	0	0	0	0	0	0
0.009908	0	0	0	0	0	0
0.016113	0	0	0	0	0	0
0.013707	0	0	0	0	0	0
0.009038	0	0	0	0	0	0
0.019875	0	0	0	0	0	0
0.023446	0	0	0	0	0	0
0.021276	0	0	0	0	0	0
0.033098	0	0	0	0	0	0
0.013883	0	0	0	0	0	0
0.014318	0	0	0	0	0	0
0.006734	0	0	0	0	0	0
0.012342	0	0	0	0	0	0
0.0122	0	0	0	0	0	0
0.012611	0	0	0	0	0	0
0.087868	0	0	0	0	0	0
0.067352	0	0	0	0	0	0
0.069262	0	0	0	0	0	0
0.576934	0.22	0	0	0	0	0
0.055377	0	0	0	0	0	0
0.059806	0	0	0	0	0	0
0.055171	0	0	0	0	0	0
0.051624	0	0	0	0	0	0
0.098491	0	0	0	0	0	0

0.054317	0	0	0	0	0	0
0.056459	0	0	0	0	0	0
0.083566	0	0	0	0	0	0
0.047216	0	0	0	0	0	0
0.050305	0	0	0	0	0	0
0.037601	0	0	0	0	0	0
0.031618	0	0	0	0	0	0
0.041839	0	0	0	0	0	0
0.050106	0	0	0	0	0	0
0.055187	0	0	0	0	0	0
0.033191	0	0	0	0	0	0
0.048004	0	0	0	0	0	0
0.038119	0	0	0	0	0	0
0.034072	0	0	0	0	0	0
0.037359	0	0	0	0	0	0
0.040504	0	0	0	0	0	0
0.030538	0	0	0	0	0	0
0.022875	0	0	0	0	0	0
0.035281	0	0	0	0	0	0
0.072225	0	0	0	0	0	0
0.013912	0	0	0	0	0	0
0.026836	0	0	0	0	0	0
0.031568	0	0	0	0	0	0
0.135059	0	0	0	0	0	0
0.062148	0	0	0	0	0	0
0.067796	0	0	0	0	0	0
0.121017	0	0	0	0	0	0
0.039987	0	0	0	0	0	0
0.12912	0	0	0	0	0	0
0.040968	0	0	0	0	0	0
0.039172	0	0	0	0	0	0
0.050035	0	0	0	0	0	0
0.116609	0	0	0	0	0	0
0.817172	0	0	0	0	0	0
0.508272	0.16	0	0	0	0	0
0.26436	0.03	0	0	0	0	0
0.248352	0	0	0	0	0	0
0.017552	0	0	0	0	0	0
0.022729	0	0	0	0	0	0
0.020791	0	0	0	0	0	0
0.058478	0	0	0	0	0	0
0.040951	0	0	0	0	0	0
0.029961	0	0	0	0	0	0
0.168751	0	0	0	0	0	0
0.228935	0	0	0	0	0	0
0.025513	0	0	0	0	0	0
0.024912	0	0	0	0	0	0
0.026939	0	0	0	0	0	0
0.019406	0	0	0	0	0	0
0.025087	0	0	0	0	0	0

0.016414	0	0	0	0	0	0
0.047041	0	0	0	0	0	0
0.137248	0	0	0	0	0	0
0.113773	0	0	0	0	0	0
0.085253	0	0	0	0	0	0
0.437572	0	0	0	0	0	0
0.462356	0.03	0	0	0	0	0
0.246476	0	0	0	0	0	0
0.213049	0	0	0	0	0	0
0.146979	0.02	0	0	0	0	0
0.052026	0	0	0	0	0	0
0.044429	0	0	0	0	0	0
0.044872	0	0	0	0	0	0
0.043268	0	0	0	0	0	0
0.048943	0	0	0	0	0	0
0.058229	0	0	0	0	0	0
0.027697	0	0	0	0	0	0
0.052183	0	0	0	0	0	0
0.002818	0	0	0	0	0	0
0.01076	0	0	0	0	0	0
0.066991	0	0	0	0	0	0
0.222218	0.1	0	0	0	0	0
0.316978	0.12	0	0	0	0	0
0.00038	0	0	0	0	0	0
0.000295	0	0	0	0	0	0
0.000711	0	0	0	0	0	0
0.003868	0	0	0	0	0	0
0.000701	0	0	0	0	0	0
0.001112	0	0	0	0	0	0
0.006972	0	0	0	0	0	0
0.015159	0	0	0	0	0	0
0.012953	0.01	0	0	0	0	0
0.018152	0	0	0	0	0	0
0.042085	0	0	0	0	0	0
0.109315	0	0	0	0	0	0
0.050506	0	0	0	0	0	0
0.022242	0	0	0	0	0	0
0.050847	0	0	0	0	0	0
0.061767	0	0	0	0	0	0
0.027902	0	0	0	0	0	0
0.069064	0	0	0	0	0	0
0.069996	0	0	0	0	0	0
0.04658	0	0	0	0	0	0
0.054661	0	0	0	0	0	0
0.050303	0	0	0	0	0	0
0.072874	0	0	0	0	0	0
0.070412	0	0	0	0	0	0
0.049769	0	0	0	0	0	0
0.052075	0	0	0	0	0	0
0.036227	0	0	0	0	0	0

0.057723	0	0	0	0	0	0
0.045683	0	0	0	0	0	0
0.046486	0	0	0	0	0	0
0.063413	0	0	0	0	0	0
0.099781	0	0	0	0	0	0
0.090628	0	0	0	0	0	0
0.014621	0	0	0	0	3	3
0.011608	0	0	0	0	0	0
0.015837	0	0	0	0	0	0
0.01116	0	0	0	0	0	0
0.270737	0	0	0	0	0	0
0.014079	0	3	0	0	0	3
0.01621	0	0	0	0	0	0
0.014429	0	0	0	0	0	0
0.016929	0	0	0	0	0	0
0.009692	0	0	0	0	0	0
0.024597	0	0	0	0	0	0
0.030541	0	0	0	0	0	0
0.026536	0	0	0	0	0	0
0.030362	0	0	0	0	0	0
0.123093	0	0	0	0	0	0
0.020202	0	0	0	0	0	0
0.0386	0	0	0	0	0	0
0.022416	0	0	0	0	0	0
0.02856	0	0	0	0	0	0
0.018227	0	0	0	0	0	0
0.011032	0	0	0	0	0	0
0.014625	0	0	0	0	0	0
0.010998	0	0	0	0	0	0
0.043936	0	0	0	0	0	0
0.014197	0.09	0	0	0	0	0
0.012709	0.03	0	0	0	0	0
0.008586	0.05	0	0	0	0	0
0.290706	0	0	0	0	0	0
0.009983	0	0	0	0	0	0
0.034303	0	0	0	0	0	0
0.001387	0	0	0	0	0	0
0.018866	0.01	0	0	0	0	0
0.000736	0	0	0	0	0	0
0.237062	0	0	0	0	0	0
0.085355	0	0	0	0	0	0
0.034903	0	0	0	0	0	0
0.063937	0	0	0	0	0	0
0.043075	0	0	0	0	0	0
0.048185	0	0	0	0	0	0
0.044206	0	0	0	0	0	0
0.064279	0	0	0	0	0	0
0.019312	0	0	0	0	0	0
0.036049	0	0	0	0	0	0
0.028919	0	0	0	0	0	0

0.073923	0	0	0	0	0	0
0.016634	0	0	0	0	0	0
0.061416	0	0	0	0	0	0
0.114405	0	0	0	0	0	0
0.100501	0	0	0	0	0	0
0.060102	0	0	0	0	0	0
0.075431	0	0	0	0	0	0
0.074588	0	0	0	0	0	0
0.038125	0	0	0	0	0	0
0.079662	0	0	0	0	0	0
0.047291	0	0	0	0	0	0
0.146674	0.02	0	0	0	0	0
0.085593	0	0	0	0	0	0
0.018175	0	0	0	0	0	0
0.025709	0	0	0	0	0	0
0.023042	0	0	0	0	0	0
0.019034	0	0	0	0	0	0
0.014329	0	0	0	0	0	0
0.269037	0	0	0	6	0	6
0.020184	0	0	0	0	0	0
0.012873	0	0	0	0	0	0
0.014223	0	0	0	0	0	0
0.021123	0	0	0	0	0	0
0.548175	0	0	0	0	0	0
0.020335	0	0	0	0	0	0
0.153336	0	0	0	0	0	0
0.120555	0	0	0	0	0	0
0.054466	0	0	0	0	0	0
0.033639	0	0	0	0	0	0
0.022261	0	0	0	0	0	0
0.024096	0	0	0	0	0	0
0.192944	0	0	0	0	0	0
0.030801	0	0	0	0	0	0
0.036529	0	0	0	0	0	0
0.02758	0	0	0	0	0	0
0.086281	0	0	0	0	0	0
0.034172	0	0	0	0	0	0
0.04514	0	0	0	0	0	0
0.055978	0	0	0	0	0	0
0.060453	0	0	0	0	0	0
0.044409	0	0	0	0	0	0
0.024822	0	0	0	0	0	0
0.064171	0	0	0	0	0	0
0.010335	0	0	0	0	0	0
0.008138	0	0	0	0	0	0
0.008142	0	0	0	0	0	0
0.029627	0	0	0	0	0	0
0.015127	0	0	0	0	0	0
0.006479	0	0	0	0	0	0
0.032655	0	0	0	0	0	0

0.017596	0	0	0	0	0	0
0.03683	0	0	0	0	0	0
0.043228	0	0	0	0	0	0
0.021799	0	0	0	0	0	0
0.158729	0	0	0	0	0	0
0.021545	0	0	0	0	0	0
0.018286	0	0	0	0	0	0
0.022938	0	0	0	0	0	0
0.012084	0	0	0	0	0	0
0.00769	0	0	0	0	0	0
0.009436	0	0	0	0	0	0
0.010585	0	0	0	0	0	0
0.019533	0	0	0	0	0	0
0.031454	0	0	0	0	0	0
0.039978	0	0	0	0	0	0
0.029593	0	0	0	0	0	0
0.0218	0	0	0	0	0	0
0.019304	0	0	0	0	0	0
0.023651	0	0	0	0	0	0
0.031239	0	0	0	0	0	0
0.043653	0	0	0	0	0	0
0.021505	0	0	0	0	5	5
0.033527	0	5	0	0	0	5
0.016564	0.02	0	0	0	0	0
0.041383	0.06	0	0	0	0	0
0.020254	0	0	0	0	0	0
0.029741	0.02	0	0	0	0	0
0.052338	0	0	0	0	0	0
0.00913	0.01	0	0	0	0	0
0.019315	0	0	0	0	0	0
0.051392	0	0	0	0	0	0
0.03092	0	0	0	0	0	0
0.020143	0	0	0	0	0	0
0.019388	0	0	0	0	0	0
0.078909	0	0	0	0	0	0
0.078717	0	0	0	0	0	0
0.016208	0	0	0	0	0	0
0.566056	0.04	0	0	0	0	0
0.106098	0	0	0	0	0	0
0.093585	0	0	0	0	0	0
0.159561	0	0	0	0	0	0
0.050719	0	0	0	0	0	0
0.086294	0	0	0	0	0	0
0.052526	0	0	0	0	0	0
0.04954	0	0	0	0	0	0
0.051745	0	0	0	0	0	0
0.05286	0	0	0	0	0	0
0.062681	0	0	0	0	0	0
0.067709	0	0	0	0	0	0
0.039545	0	0	0	0	0	0

0.026184	0	0	0	0	0	0
0.185717	0	0	0	0	0	0
0.15396	0	0	0	0	0	0
0.060844	0	0	0	0	0	0
0.044266	0	0	0	0	0	0
0.016711	0	0	0	0	0	0
0.02622	0	0	0	0	0	0
0.1183	0	0	0	0	0	0
0.149968	0	0	0	0	0	0
0.039261	0	0	0	0	0	0
0.073333	0	0	0	0	0	0
0.436478	0	0	0	0	0	0
0.222204	0	0	0	0	0	0
0.048594	0	0	0	0	0	0
0.029134	0	0	0	0	0	0
0.050004	0	0	0	0	0	0
0.175909	0	0	0	0	0	0
0.073136	0	0	0	0	0	0
0.097692	0	0	0	0	0	0
0.034204	0	0	0	0	0	0
0.036188	0	0	0	0	0	0
0.017871	0	0	0	0	0	0
0.045268	0	0	0	0	0	0
0.05275	0	0	0	0	0	0
0.052516	0	0	0	0	0	0
0.042688	0	0	0	0	0	0
0.040764	0	0	0	0	0	0
0.055078	0	0	0	0	0	0
0.1555	0	0	0	0	0	0
0.062792	0	0	0	0	0	0
0.04625	0	0	0	0	0	0
0.017238	0	0	0	0	0	0
0.031324	0	0	0	0	0	0
0.032593	0	0	0	0	0	0
0.058121	0	0	0	0	0	0
0.068574	0	0	0	0	0	0
0.046982	0	0	0	0	0	0
0.04323	0	0	0	0	0	0
0.068152	0	0	0	0	0	0
0.056712	0	0	0	0	0	0
0.065477	0	0	0	0	0	0
0.024749	0	0	0	0	0	0
0.046443	0	0	0	0	0	0
0.11198	0	0	0	0	0	0
0.10323	0	0	0	0	0	0
0.158435	0	0	0	0	0	0
0.064107	0	0	0	0	0	0
0.086596	0	0	0	0	0	0
0.170499	0	0	0	0	0	0
0.041463	0	0	0	0	0	0

0.059018	0	0	0	0	0	0
0.041896	0	0	0	0	0	0
0.067059	0	0	0	0	0	0
0.04716	0	0	0	0	0	0
0.078101	0	0	0	0	0	0
0.116919	0	0	0	0	0	0
0.064429	0	0	0	0	0	0
0.083912	0	0	0	0	0	0
0.058161	0	0	0	0	0	0
0.056144	0	0	0	0	0	0
0.06322	0	0	0	0	0	0
0.037137	0	0	0	0	0	0
0.044024	0	0	0	0	0	0
0.032399	0	0	0	0	0	0
0.0435	0	0	0	0	0	0
0.0292	0	0	0	0	0	0
0.057558	0	0	0	0	0	0
0.029274	0	0	0	0	0	0
0.065107	0	0	0	0	0	0
0.061904	0	0	0	0	0	0
0.043724	0	0	0	0	0	0
0.04239	0	0	0	0	0	0
0.029079	0	0	0	0	0	0
0.029067	0	0	0	0	0	0
0.053077	0	0	0	0	0	0
0.033498	0	0	0	0	0	0
0.02604	0	0	0	0	0	0
0.034922	0	0	0	0	0	0
0.066322	0	0	0	0	0	0
0.034852	0	0	0	0	0	0
0.06577	0	0	0	0	0	0
0.057999	0	0	0	0	0	0
0.060058	0	0	0	0	0	0
0.004125	0	0	0	0	0	0
0.001647	0	0	0	0	0	0
0.004386	0.01	0	0	0	0	0
0.000473	0	0	0	0	0	0
0.001688	0	0	0	0	0	0
0.00333	0	0	0	0	0	0
0.001806	0	0	0	0	0	0
0.002509	0	0	0	0	0	0
0.002658	0	0	0	0	0	0
0.000677	0	0	0	0	0	0
0.000632	0	0	0	0	0	0
0.000833	0	0	0	0	0	0
0.00568	0	0	0	0	0	0
0.001169	0	0	0	0	0	0
0.008462	0	0	0	0	0	0
0.004284	0	0	0	0	0	0
0.005283	0	0	0	0	0	0



0.014994	0	0	0	0	0	0
0.004851	0	0	0	0	0	0
0.009912	0	0	0	0	0	0
0.002239	0	0	0	0	0	0
0.00126	0	0	0	0	0	0
0.002724	0	0	0	0	0	0
0.001625	0	0	0	0	0	0
0.00212	0	0	0	0	0	0
0.003368	0	0	0	0	0	0
0.066366	0	0	0	0	0	0
0.041281	0	0	0	0	0	0
0.008094	0	0	0	0	0	0
0.00398	0	0	0	0	0	0
0.011451	0	0	0	0	0	0
0.026839	0	0	0	0	0	0
0.026872	0	0	0	0	0	0
0.071427	0	0	0	0	0	0
0.064709	0	0	0	0	0	0
0.032263	0	0	0	0	0	0
0.054671	0	0	0	0	0	0
0.030513	0	0	0	0	0	0
0.036327	0	0	0	0	0	0
0.002358	0	0	0	0	0	0
0.003064	0	0	0	0	0	0
0.019142	0	0	0	0	0	0
0.03316	0	0	0	0	0	0
0.005845	0	0	0	0	0	0
0.034398	0	0	0	0	0	0
0.0358	0	0	0	0	0	0
0.041247	0	0	0	0	0	0
0.016404	0	0	0	0	0	0
0.015882	0	0	0	0	0	0
0.021558	0	0	0	0	0	0
0.071348	0	0	0	0	0	0
0.018173	0	0	0	0	0	0
0.015109	0	0	0	0	0	0
0.0128	0	0	0	0	0	0
0.01161	0	0	0	0	0	0
0.01166	0	0	0	0	0	0
0.012957	0	0	0	0	0	0
0.036671	0	0	0	0	0	0
0.032818	0	0	0	0	0	0
0.048593	0	0	0	0	0	0
0.026719	0	0	0	0	0	0
0.040872	0	0	0	0	0	0
0.036051	0	0	0	0	0	0
0.023919	0	0	0	0	0	0
0.030171	0	0	0	0	0	0
0.003668	0	0	0	0	0	0
0.002294	0	0	0	0	0	0

0.003686	0	0	0	0	0	0
0.000972	0	0	0	0	0	0
0.001448	0	0	0	0	0	0
0.00115	0	0	0	0	0	0
0.01043	0	0	0	0	0	0
0.001568	0	0	0	0	0	0
0.004613	0	0	0	0	0	0
0.001287	0	0	0	0	0	0
0.002302	0	0	0	0	0	0
0.00268	0	0	0	0	0	0
0.023635	0	0	0	0	0	0
0.007647	0	0	0	0	0	0
0.003823	0	0	0	0	0	0
0.002889	0	0	0	0	0	0
0.217846	0	0	0	0	0	0
0.038772	0	0	0	0	0	0
0.038778	0	0	0	0	0	0
0.000681	0	0	0	0	0	0
0.001009	0	0	0	0	0	0
0.000548	0	0	0	0	0	0
0.000898	0	0	0	0	0	0
0.000409	0	0	0	0	0	0
0.001222	0	0	0	0	0	0
0.000766	0	0	0	0	0	0
0.000558	0	0	0	0	0	0
0.001403	0	0	0	0	0	0
0.00199	0	0	0	0	0	0
0.001753	0	0	0	0	0	0
0.001411	0	0	0	0	0	0
0.001307	0	0	0	0	0	0
0.001414	0	0	0	0	0	0
0.001499	0	0	0	0	0	0
0.001502	0	0	0	0	0	0
0.001919	0	0	0	0	0	0
0.005152	0	0	0	0	0	0
0.003347	0	0	0	0	0	0
0.030391	0	0	0	0	0	0
0.002802	0	0	0	0	0	0
0.002098	0	0	0	0	0	0
0.002621	0	0	0	0	0	0
0.003428	0	0	0	0	0	0
0.001494	0	0	0	0	0	0
0.005437	0	0	0	0	0	0
0.004423	0	0	0	0	0	0
0.002013	0	0	0	0	0	0
0.004759	0	0	0	0	0	0
0.021655	0	0	0	0	0	0
0.769263	0.35	0	0	0	0	0
0.688274	0	0	0	0	0	0
0.007189	0	0	0	0	0	0

0.035336	0	0	0	0	0	0
0.032452	0	0	0	0	0	0
0.037242	0	0	0	0	0	0
0.023598	0	0	0	0	0	0
0.086918	0	0	0	0	0	0
0.075106	0	0	0	0	0	0
0.339074	0	0	0	0	0	0
0.235955	0	0	0	0	0	0
0.009158	0	0	0	0	0	0
0.01142	0	0	0	0	0	0
0.006216	0	0	0	0	0	0
0.010496	0	0	0	0	0	0
0.01056	0	0	0	0	0	0
0.009219	0	0	0	0	0	0
0.020473	0	0	0	0	0	0
0.062825	0	0	0	0	0	0
0.046189	0	0	0	0	0	0
0.057604	0	0	0	0	0	0
0.024674	0	0	0	0	0	0
0.043774	0	0	0	0	0	0
0.102303	0	0	0	0	0	0
0.183797	0	0	0	0	0	0
0.221757	0	0	0	0	0	0
0.08205	0	0	0	0	0	0
0.059116	0	0	0	0	0	0
0.078165	0	0	0	0	0	0
0.038966	0	0	0	0	0	0
0.037618	0	0	0	0	0	0
0.03516	0	0	0	0	0	0
0.023693	0	0	0	0	0	0
0.034429	0	0	0	0	0	0
0.027202	0	0	0	0	0	0
0.027316	0	0	0	0	0	0
0.028198	0	0	0	0	0	0
0.209141	0	0	0	0	0	0
0.019605	0	0	0	0	0	0
0.051204	0	0	0	0	0	0
0.032051	0	0	0	0	0	0
0.112632	0	0	0	0	0	0
0.020996	0	0	0	0	0	0
0.124404	0	0	0	0	0	0
0.034279	0	0	0	0	0	0
0.03727	0	0	0	0	0	0
0.054345	0	0	0	0	0	0
0.034336	0	0	0	0	0	0
0.027538	0	0	0	0	0	0
0.017633	0	0	0	0	0	0
0.009719	0	0	0	0	0	0
0.013213	0	0	0	0	0	0
0.017432	0	0	0	0	0	0

0.02177	0	0	0	0	0	0
0.006757	0	0	0	0	0	0
0.013289	0	0	0	0	0	0
0.007356	0	0	0	0	0	0
0.021831	0	0	0	0	0	0
0.037052	0.03	0	0	0	0	0
0.033839	0	0	0	0	0	0
0.032216	0	0	0	0	0	0
0.028197	0	0	0	0	0	0
0.06058	0	0	0	0	0	0
0.052782	0	0	0	0	0	0
0.043621	0	0	3	0	0	3
0.084316	0	0	0	0	0	0
0.085057	0	0	0	0	0	0
0.025096	0	0	0	0	0	0
0.054736	0	0	0	0	0	0
0.04936	0	0	0	0	0	0
0.029839	0	0	3	0	0	3
0.027234	0	2	0	0	0	2
0.017456	0	0	0	0	0	0
0.006448	0	0	0	0	7	7
0.015677	0	0	0	0	0	0
0.030689	0	0	0	0	0	0
0.070218	0	0	7	7	0	14
0.105869	0	0	0	5	0	5
0.051372	0	0	0	0	0	0
0.025639	0	0	0	0	0	0
0.11356	0	0	0	0	2	2
0.01103	0	0	0	0	0	0
0.022928	0	0	0	0	0	0
0.017941	0	0	0	0	0	0
0.021583	0	0	0	0	0	0
0.115864	0	0	0	0	0	0
0.061398	0	0	0	0	0	0
0.060561	0	0	0	0	0	0
0.018544	0	0	0	0	0	0
0.046871	0	0	0	0	0	0
0.014024	0	0	0	0	0	0
0.014104	0	0	0	0	0	0
0.062922	0	0	0	0	0	0
0.054131	0	0	0	0	0	0
0.049055	0	0	0	0	0	0
0.095098	0	0	0	0	0	0
0.055918	0	0	0	0	0	0
0.051457	0	0	0	0	0	0
0.051683	0	0	0	0	0	0
0.060771	0	0	0	0	0	0
0.083202	0	0	0	0	0	0
0.280241	0	0	0	4	0	4
0.001822	0	0	0	0	0	0

0.002188	0	0	0	0	0	0
0.003803	0.04	0	0	0	4	4
0.002985	0.04	4	0	0	0	4
0.002396	0.04	0	5	1	1	7
0.005984	0.03	1	0	0	0	1
0.049489	0	0	0	0	0	0
0.056687	0	0	0	0	0	0
0.470524	0	0	0	0	0	0
0.025088	0	0	0	0	0	0
0.14834	0.07	0	0	0	0	0
0.044936	0	0	0	0	0	0
0.041262	0	0	0	0	0	0
0.025584	0	0	0	0	0	0
0.0097	0	0	0	0	0	0
0.024339	0	0	0	0	0	0
0.013744	0	0	0	0	0	0
0.016396	0	0	0	0	0	0
0.012322	0	0	0	0	0	0
0.016909	0	0	0	0	0	0
0.011356	0	0	0	0	0	0
0.057499	0	0	0	0	0	0
0.055553	0	0	0	0	0	0
0.056557	0	0	0	0	0	0
0.049424	0	0	0	0	0	0
0.056644	0	0	0	0	0	0
0.059198	0	0	0	0	0	0
0.043686	0	0	0	0	0	0
0.034697	0	0	0	0	0	0
0.041391	0	0	0	0	0	0
0.050876	0	0	0	0	0	0
0.066733	0	0	0	0	0	0
0.037501	0	0	0	0	0	0
0.025489	0	0	0	0	0	0
0.067935	0	0	0	0	0	0
0.032567	0	0	0	0	0	0
0.03805	0	0	0	0	0	0
0.029114	0	0	0	0	0	0
0.041239	0	0	0	0	0	0
0.026293	0	0	0	0	0	0
0.041246	0	0	0	0	0	0
0.018477	0	0	0	0	0	0
0.041394	0	0	0	0	0	0
0.01967	0	0	0	0	0	0
0.01826	0	0	0	0	0	0
0.022206	0	0	0	0	0	0
0.03632	0	0	0	0	0	0
0.038366	0	0	0	0	0	0
0.029931	0	0	0	0	0	0
0.023947	0	0	0	0	0	0
0.160412	0	0	0	0	0	0

0.054677	0	0	0	0	0	0
0.046033	0	0	0	0	0	0
0.017627	0	0	0	0	0	0
0.034511	0	0	0	0	4	4
0.007427	0	4	0	0	0	4
0.002684	0	0	0	0	0	0
0.007756	0	0	0	0	0	0
0.057918	0	0	0	0	0	0
0.006433	0	0	0	0	0	0
0.005268	0	0	0	0	0	0
0.056551	0	0	0	0	0	0
0.002997	0	0	0	0	0	0
0.021831	0	0	0	0	0	0
0.061677	0	0	0	0	0	0
0.051391	0	0	0	0	0	0
0.023625	0	0	0	0	0	0
0.028365	0	0	0	0	0	0
0.016513	0	0	0	0	0	0
0.084053	0	0	0	0	0	0
0.045118	0	0	0	0	0	0
0.519747	0.1	0	0	0	0	0
0.003847	0	0	0	0	0	0
0.016513	0	0	0	0	0	0
0.008808	0	0	0	0	0	0
0.053336	0	0	0	0	0	0
0.055673	0	0	0	0	0	0
0.0615	0	0	0	0	0	0
0.031319	0	0	0	0	0	0
0.014179	0	0	0	0	0	0
0.110804	0.04	0	0	0	0	0
0.004116	0	0	0	0	0	0
0.017455	0	0	0	0	0	0
0.008847	0	0	0	0	0	0
0.028861	0	0	0	0	0	0
0.031375	0	0	0	0	0	0
0.027265	0	0	0	0	0	0
0.02773	0	0	0	0	0	0
0.018779	0	0	0	0	0	0
0.051027	0	0	0	0	0	0
0.01631	0	0	0	0	0	0
0.02631	0	0	0	0	0	0
0.027755	0	0	0	0	0	0
0.038318	0	0	0	0	0	0
0.063402	0	0	0	0	0	0
0.013146	0	0	0	0	0	0
0.079936	0	0	0	0	0	0
0.15501	0	0	0	0	0	0
0.057766	0	0	0	0	0	0
0.070948	0	0	0	0	0	0
0.063938	0	0	0	0	0	0

0.047979	0	0	0	0	0	0
0.05318	0	0	0	0	0	0
0.041564	0	0	0	0	0	0
0.030195	0	0	0	0	0	0
0.037823	0	0	0	0	0	0
0.049824	0	0	0	0	0	0
0.042038	0	0	0	0	0	0
0.054298	0	0	0	0	0	0
0.069815	0	0	0	0	0	0
0.052576	0	0	0	0	0	0
0.058077	0	0	0	0	0	0
0.096044	0	0	0	0	0	0
0.048197	0	0	0	0	0	0
0.053949	0	0	0	0	0	0
0.040269	0	0	0	0	0	0
0.043508	0	0	0	0	0	0
0.994329	0	0	0	0	0	0
0.00322	0	0	0	0	0	0
0.018263	0.03	0	0	0	0	0
0.002654	0	0	0	0	0	0
0.001657	0	0	0	0	0	0
0.00268	0	0	0	0	0	0
0.042829	0	0	0	0	0	0
0.116331	0	0	0	0	0	0
0.074395	0	0	0	0	0	0
0.044654	0	0	0	0	0	0
0.06159	0	0	0	0	0	0
0.021197	0	0	0	0	0	0
0.010497	0	0	0	0	0	0
0.020366	0	0	0	0	0	0
0.057944	0	0	0	0	0	0
0.018678	0	0	0	0	0	0
0.109086	0	0	0	0	0	0
0.952552	0	0	0	0	0	0
0.380201	0	0	0	0	0	0
0.026694	0	0	0	0	0	0
0.055602	0	0	0	0	0	0
0.051737	0	0	0	0	0	0
0.040967	0	0	0	0	0	0
0.035521	0	0	0	0	0	0
0.038772	0	0	0	0	0	0
0.03295	0	0	0	0	0	0
0.050139	0	0	0	0	0	0
0.013283	0	0	0	0	0	0
0.03272	0	0	0	0	0	0
0.090909	0	0	0	0	0	0
0.016163	0	0	0	0	0	0
0.011529	0	0	0	0	0	0
0.033238	0	0	0	0	0	0
0.023263	0	0	0	0	0	0

0.014891	0	0	0	0	0	0
0.008618	0	0	0	0	0	0
0.038817	0	0	0	0	0	0
0.076753	0	0	0	0	0	0
0.072278	0	0	0	0	0	0
0.027239	0	0	0	0	0	0
0.052737	0	0	0	0	0	0
0.118643	0	0	0	0	0	0
0.036153	0	0	0	0	0	0
0.136549	0	0	0	0	0	0
0.003606	0	0	0	0	0	0
0.125035	0	0	0	0	0	0
0.071418	0	0	0	0	0	0
0.087195	0	0	0	0	0	0
0.062012	0	0	0	0	0	0
0.047901	0	0	0	0	0	0
0.066055	0	0	0	0	0	0
0.047918	0	0	0	0	0	0
0.064832	0	0	0	0	0	0
0.042683	0	0	0	0	0	0
0.036461	0	0	0	0	0	0
0.095119	0	0	0	0	0	0
0.151858	0	0	0	0	0	0
0.04671	0	0	0	0	0	0
0.066937	0	0	0	0	0	0
0.055134	0	0	0	0	0	0
0.079461	0	0	0	0	0	0
0.045278	0	0	0	0	0	0
0.041481	0	0	0	0	1	1
0.044793	0	1	0	0	0	1
0.055393	0	0	0	0	0	0
0.04258	0	0	0	0	0	0
0.039094	0	0	0	0	0	0
0.045574	0	0	0	0	0	0
0.054978	0	0	0	0	0	0
0.046957	0	0	0	0	0	0
0.045599	0	0	0	0	2	2
0.518206	0.21	2	0	0	0	2
0.297784	0.08	0	0	0	0	0
0.056168	0	0	0	0	0	0
0.040297	0	0	0	0	0	0
0.050534	0	0	0	0	0	0
0.046044	0	0	0	0	0	0
0.024951	0	0	0	0	0	0
0.078604	0	0	0	0	0	0
0.028154	0	0	0	0	0	0
0.018029	0	0	0	0	0	0
0.012606	0	0	0	0	0	0
0.009902	0	0	0	0	0	0
0.028064	0	0	0	0	0	0



0.013681	0	0	0	0	0	0
0.011749	0	0	0	0	0	0
0.015305	0	0	0	0	0	0
0.012786	0	0	0	0	0	0
0.024657	0	0	0	0	0	0
0.018241	0	0	0	0	0	0
0.018052	0	0	0	0	0	0
0.018396	0	0	0	0	0	0
0.017887	0	0	0	0	0	0
0.02818	0	0	0	0	0	0
0.010574	0	0	0	0	0	0
0.058029	0	0	0	0	0	0
0.067675	0	0	0	0	0	0
0.061085	0	0	0	0	0	0
0.130147	0	0	0	0	0	0
0.054581	0	0	0	0	0	0
0.075249	0	0	0	0	0	0
0.936307	0	0	0	0	0	0
0.894729	0	0	0	0	0	0
0.872459	0	0	0	0	0	0
0.94448	0	0	0	0	0	0
0.804817	0	0	0	0	0	0
0.662204	0.07	0	0	0	0	0
0.884658	0	0	0	0	0	0
0.835298	0	0	0	0	0	0
0.933	0	0	0	0	0	0
0.895516	0	0	0	0	0	0
0.006614	0	0	0	0	1	1
0.006743	0	0	0	0	0	0
0.007221	0	0	0	0	0	0
0.011592	0	1	0	0	0	1
0.012233	0	0	0	0	0	0
0.006232	0	0	0	0	0	0
0.004856	0	0	0	0	0	0
0.007083	0	0	0	0	0	0
0.009322	0	0	0	0	0	0
0.006561	0	0	0	0	0	0
0.009136	0	0	0	0	0	0
0.045622	0	0	0	0	0	0
0.058276	0	0	0	0	0	0
0.057645	0	0	0	0	0	0
0.051513	0.04	0	0	0	0	0
0.084356	0	0	0	0	0	0
0.015274	0	0	0	0	0	0
0.0064	0	0	0	0	0	0
0.012638	0	0	0	0	0	0
0.003926	0	0	0	0	0	0
0.032394	0	0	0	0	0	0
0.00398	0	0	0	0	0	0
0.006528	0	0	0	0	0	0

0.00261	0	0	0	0	0	0
0.016535	0	0	0	0	0	0
0.010737	0	0	0	0	0	0
0.001696	0	0	0	0	0	0
0.79584	0	0	0	0	0	0
0.01249	0	0	0	0	0	0
0.130959	0	0	0	0	0	0
0.009565	0	0	0	0	0	0
0.016322	0	0	0	0	0	0
0.023675	0	0	0	0	0	0
0.009482	0	0	0	0	0	0
0.25561	0	0	0	0	0	0
0.02017	0	0	0	0	0	0
0.006621	0	0	0	0	0	0
0.005377	0	0	0	0	0	0
0.02531	0	0	0	0	0	0
0.014824	0	0	0	0	0	0
0.008551	0	0	0	0	0	0
0.016427	0	0	0	0	0	0
0.006225	0	0	0	0	0	0
0.008506	0	0	0	0	0	0
0.008369	0	0	0	0	0	0
0.029097	0	0	0	0	0	0
0.028229	0	9	0	0	0	9
0.012984	0	0	0	0	0	0
0.008385	0	0	0	0	0	0
0.015806	0	0	0	0	0	0
0.020196	0	0	0	0	0	0
0.015341	0	0	0	0	0	0
0.01338	0	0	0	0	0	0
0.012852	0	0	0	0	0	0
0.011084	0	0	0	0	0	0
0.074057	0	0	0	0	0	0
0.031074	0	0	0	0	0	0
0.038095	0	0	0	0	0	0
0.066812	0	0	0	0	0	0
0.092941	0	0	0	0	0	0
0.016495	0	0	0	0	0	0
0.059382	0	0	0	0	0	0
0.050032	0	0	0	0	0	0
0.043557	0	0	0	0	0	0
0.044944	0	0	0	0	0	0
0.034373	0	0	0	0	0	0
0.060907	0	0	0	0	0	0
0.006672	0	0	0	0	0	0
0.005663	0	0	0	1	0	1
0.004535	0	0	0	0	0	0
0.029974	0	0	0	0	0	0
0.005213	0	0	0	0	0	0
0.006212	0	0	0	0	0	0

0.007764	0	0	0	0	0	0
0.021661	0	0	0	0	0	0
0.006273	0	0	0	0	0	0
0.005314	0	0	0	0	0	0
0.007268	0	0	0	0	0	0
0.144967	0	0	0	0	0	0
0.011724	0	0	0	0	0	0
0.01086	0	0	0	0	0	0
0.187337	0.06	0	0	0	0	0
0.022568	0	0	0	0	0	0
0.016664	0	0	0	0	0	0
0.024116	0	0	0	0	0	0
0.02563	0	0	0	0	0	0
0.017422	0	0	0	0	0	0
0.012537	0	0	0	0	0	0
0.011914	0	0	0	0	0	0
0.02526	0	0	0	0	0	0
0.008039	0	0	0	0	0	0
0.006214	0	0	0	0	0	0
0.018691	0	0	0	0	0	0
0.006922	0	0	0	0	0	0
0.00522	0	0	0	0	0	0
0.005476	0	0	0	0	0	0
0.040157	0	0	0	0	0	0
0.006828	0	0	0	0	0	0
0.022847	0	0	0	0	0	0
0.037244	0	0	0	0	0	0
0.009034	0	0	0	0	0	0
0.008987	0	0	0	0	0	0
0.00451	0	0	0	0	0	0
0.008078	0	0	0	0	0	0
0.032142	0	0	0	0	0	0
0.012529	0	0	0	0	0	0
0.041826	0	0	0	0	0	0
0.010745	0	0	0	0	0	0
0.010446	0	0	0	0	0	0
0.013382	0	0	0	0	0	0
0.006807	0	0	0	0	0	0
0.042181	0	0	0	0	0	0
0.058642	0	0	0	0	0	0
0.010786	0	0	0	0	0	0
0.04583	0	0	0	0	0	0
0.005559	0	0	0	0	0	0
0.002017	0	0	0	0	0	0
0.002124	0	0	0	0	0	0
0.001634	0	0	0	0	0	0
0.001873	0	0	0	0	0	0
0.024542	0	0	0	0	0	0
0.001284	0	0	0	0	0	0
0.198815	0	0	0	0	0	0

0.003943	0	0	0	0	0	0
0.078906	0	0	0	0	0	0
0.126499	0	0	0	0	0	0
0.003612	0	0	0	0	0	0
0.276493	0	0	0	0	0	0
0.035082	0	0	0	0	0	0
0.044889	0	0	0	0	0	0
0.062264	0	0	0	0	0	0
0.034706	0	0	0	0	0	0
0.033216	0	0	0	0	0	0
0.029119	0	0	0	0	0	0
0.028426	0	0	0	0	0	0
0.0232	0	0	0	0	0	0
0.029026	0	0	0	0	0	0
0.028066	0	0	0	0	0	0
0.023484	0	0	0	0	0	0
0.0447	0	0	0	0	0	0
0.026086	0	0	0	0	0	0
0.021802	0	0	0	0	0	0
0.304053	0	0	0	0	0	0
0.067797	0	0	0	0	0	0
0.072468	0	0	0	0	0	0
0.087128	0	0	0	0	0	0
0.034763	0	0	0	0	0	0
0.084346	0	0	0	0	0	0
0.026036	0	0	0	0	0	0
0.030525	0	0	0	0	0	0
0.003404	0	0	0	0	0	0
0.025818	0	0	0	0	0	0
0.001047	0	0	0	0	0	0
0.000029	0	0	0	0	0	0
0.000025	0	0	0	0	0	0
0.008461	0	0	0	0	0	0
0.004055	0	0	0	0	0	0
0.003542	0	0	0	0	0	0
0.048775	0	0	0	0	0	0
0.024585	0	0	0	0	0	0
0.004035	0	0	0	0	0	0
0.002527	0	0	0	0	0	0
0.008944	0	0	0	0	0	0
0.024391	0	0	0	0	0	0
0.005114	0	0	0	0	0	0
0.005489	0	0	0	0	0	0
0.005936	0	0	0	0	0	0
0.012029	0	0	0	0	0	0
0.023267	0	0	0	0	0	0
0.004255	0	0	0	0	0	0
0.013931	0	0	0	0	0	0
0.009295	0	0	0	0	0	0
0.007945	0	0	0	0	0	0

0.007245	0	0	0	0	0	0
0.00905	0	0	0	0	0	0
0.00443	0	0	0	0	0	0
0.004343	0	0	0	0	0	0
0.003819	0	0	0	0	0	0
0.019019	0	0	0	0	0	0
0.009694	0	0	0	0	0	0
0.008542	0	0	0	0	0	0
0.017373	0	0	0	0	0	0
0.012252	0	0	0	0	3	3
0.026657	0	3	0	0	0	3
0.006698	0	0	0	0	0	0
0.008718	0	0	0	0	0	0
0.063856	0	0	0	0	0	0
0.053634	0	0	0	0	0	0
0.02496	0	0	0	0	0	0
0.028042	0	0	0	0	0	0
0.033669	0	0	0	0	0	0
0.030082	0	0	0	0	0	0
0.031431	0	0	0	0	0	0
0.014007	0	0	0	1	0	1
0.01893	0	0	0	0	0	0
0.028638	0	0	0	0	0	0
0.053118	0	0	0	0	0	0
0.042355	0	0	0	0	0	0
0.048894	0	0	0	0	0	0
0.008551	0	0	0	0	0	0
0.021181	0	0	0	0	0	0
0.029043	0	0	0	0	0	0
0.06603	0	0	0	0	0	0
0.013622	0	0	0	0	0	0
0.272952	0	0	0	0	0	0
0.038845	0	0	0	0	0	0
0.041266	0	0	0	0	0	0
0.050294	0	0	0	0	0	0
0.063929	0	0	0	0	0	0
0.404924	0.11	0	0	5	0	5
0.03865	0	0	0	0	0	0
0.042202	0	0	0	0	0	0
0.028835	0	0	0	0	0	0
0.04843	0	0	0	0	0	0
0.024617	0	0	0	0	0	0
0.022236	0	0	0	0	0	0
0.025049	0	0	0	0	0	0
0.014304	0	0	0	0	0	0
0.025031	0	0	0	0	0	0
0.012125	0	0	0	0	0	0
0.031528	0	0	0	0	0	0
0.026144	0	0	0	0	0	0
0.021597	0	0	0	0	0	0

0.525455	0	0	0	0	0	0
0.12439	0.18	0	3	3	6	12
0.012682	0	6	0	0	0	6
0.070413	0	0	0	0	0	0
0.226307	0	0	0	0	0	0
0.032584	0	0	0	0	0	0
0.092726	0	0	0	0	0	0
0.013282	0	0	0	0	0	0
0.033862	0	0	0	0	0	0
0.01722	0	0	0	0	0	0
0.008785	0	0	0	0	0	0
0.022076	0	0	0	0	0	0
0.409756	0	0	0	0	0	0
0.01246	0	0	0	0	0	0
0.022996	0	0	0	0	0	0
0.041011	0	0	0	0	0	0
0.011386	0	0	0	0	0	0
0.014973	0	0	0	0	0	0
0.017855	0	0	0	0	0	0
0.044456	0	0	0	0	0	0
0.009708	0	0	0	0	0	0
0.004664	0	0	0	0	0	0
0.013057	0	0	0	0	0	0
0.007574	0	0	0	0	0	0
0.004235	0	0	0	0	0	0
0.004413	0	0	0	0	0	0
0.002829	0	0	0	0	0	0
0.010584	0	0	0	0	0	0
0.010539	0	0	0	0	0	0
0.011921	0	0	0	0	0	0
0.021876	0	0	0	0	0	0
0.018512	0	0	0	0	0	0
0.018442	0	0	0	0	0	0
0.021018	0	0	0	0	0	0
0.012148	0	0	0	0	0	0
0.242974	0	0	0	0	0	0
0.01869	0	0	0	0	0	0
0.019311	0	0	0	0	0	0
0.02048	0	0	0	0	0	0
0.067802	0	0	0	0	0	0
0.054017	0	0	0	0	0	0
0.043692	0	0	0	0	0	0
0.065324	0	0	0	0	3	3
0.170494	0.07	3	0	0	2	5
0.144381	0.06	2	0	0	0	2
0.073868	0	0	0	0	0	0
0.031319	0	0	0	0	0	0
0.026114	0	0	0	0	0	0
0.068761	0	0	0	0	0	0
0.009805	0	0	0	0	0	0

0.014209	0	0	0	0	0	0
0.025194	0	0	0	0	0	0
0.029602	0	0	0	0	0	0
0.05873	0	0	0	0	0	0
0.031552	0	0	0	0	0	0
0.01706	0	0	0	0	0	0
0.029097	0	0	0	0	0	0
0.012563	0	0	0	0	0	0
0.10796	0	0	0	0	0	0
0.100884	0	0	0	0	0	0
0.077437	0	0	0	1	0	1
0.060812	0	0	0	0	0	0
0.012483	0	0	0	0	0	0
0.14765	0	0	0	0	0	0
0.080569	0	0	0	0	0	0
0.014237	0	0	0	0	0	0
0.018638	0	0	0	0	0	0
0.12543	0	0	0	0	0	0
0.036798	0	0	0	0	0	0
0.070508	0	0	0	0	0	0
0.102654	0	0	0	0	0	0
0.186696	0.06	0	0	0	0	0
0.01651	0	0	1	0	0	1
0.016419	0	0	0	0	0	0
0.03148	0	0	0	0	0	0
0.146001	0.01	0	0	0	0	0
0.003246	0	0	0	0	0	0
0.004924	0	0	0	0	0	0
0.003336	0	0	0	0	0	0
0.015934	0	0	0	0	0	0
0.00823	0	0	0	0	0	0
0.001201	0	0	0	0	0	0
0.033073	0	0	0	0	0	0
0.046481	0	0	0	0	0	0
0.009699	0	0	0	0	0	0
0.006255	0	0	0	0	0	0
0.00242	0	0	0	0	0	0
0.001761	0	0	0	0	0	0
0.002265	0	0	0	0	0	0
0.002545	0	0	0	0	0	0
0.093117	0	0	0	0	0	0
0.537342	0.12	0	0	5	4	9
0.193342	0.04	4	0	0	0	4
0.01538	0	0	0	0	0	0
0.063894	0	0	0	0	0	0
0.008198	0	0	0	0	0	0
0.015058	0	0	0	0	0	0
0.01041	0	0	0	0	0	0
0.006524	0	0	0	0	0	0
0.005074	0	0	0	0	0	0

0.022181	0	0	0	0	0	0
0.043223	0	0	0	0	0	0
0.315891	0	0	0	0	0	0
0.01906	0	0	0	0	0	0
0.013249	0	0	0	0	0	0
0.012551	0	0	0	0	0	0
0.018166	0	0	0	0	0	0
0.039102	0	0	0	0	0	0
0.064755	0	0	0	0	0	0
0.083552	0	0	0	0	0	0
0.013687	0	0	0	0	0	0
0.005548	0	0	0	0	0	0
0.018081	0	0	0	0	0	0
0.024678	0	0	0	0	0	0
0.005989	0	0	0	0	0	0
0.010671	0	0	0	0	0	0
0.005597	0	0	0	0	0	0
0.015694	0	0	0	0	0	0
0.041857	0.12	0	0	0	0	0
0.046734	0.06	0	0	0	0	0
0.012822	0	0	0	0	0	0
0.097678	0	0	4	0	0	4
0.022027	0.01	0	0	0	0	0
0.115118	0.01	0	0	0	0	0
0.007655	0	0	0	0	0	0
0.001607	0	0	0	0	0	0
0.002527	0	0	0	0	0	0
0.007507	0	0	0	0	0	0
0.005168	0	0	0	0	0	0
0.002413	0	0	0	0	0	0
0.003451	0	0	0	0	0	0
0.006564	0	0	0	0	0	0
0.003271	0	0	0	0	0	0
0.001776	0	0	0	0	0	0
0.002751	0	0	0	0	0	0
0.012788	0	0	0	0	0	0
0.0747	0	0	0	0	0	0
0.008437	0	0	0	0	0	0
0.006143	0	0	0	0	0	0
0.01022	0	0	0	0	0	0
0.007282	0	0	0	0	0	0
0.003804	0	0	0	0	0	0
0.016412	0	0	0	0	0	0
0.007272	0	0	0	0	0	0
0.013517	0	0	0	0	0	0
0.154089	0	0	0	0	0	0
0.016508	0	0	0	0	0	0
0.013503	0	0	0	0	0	0
0.01135	0	0	0	0	0	0
0.007722	0	0	0	0	0	0



0.013827	0	0	0	0	0	0
0.007814	0	0	0	0	0	0
0.059842	0	0	0	0	0	0
0.021852	0	0	0	0	0	0
0.022831	0	0	0	0	0	0
0.934519	0	0	0	0	4	4
0.005948	0	4	6	0	0	10
0.002602	0	0	0	0	0	0
0.006304	0	0	0	0	0	0
0.014882	0	0	0	0	0	0
0.007501	0	0	0	0	0	0
0.011438	0	0	0	0	0	0
0.008316	0	0	0	0	0	0
0.004777	0	0	0	0	0	0
0.015195	0	0	0	0	0	0
0.008214	0	0	0	0	0	0
0.015832	0	0	0	0	0	0
0.004273	0	0	0	0	0	0
0.038184	0	0	0	0	0	0
0.010594	0	0	0	0	0	0
0.009102	0	0	0	0	0	0
0.007862	0	0	0	0	0	0
0.032121	0	0	0	0	0	0
0.011187	0	0	0	0	0	0
0.026164	0	0	0	0	0	0
0.029691	0	0	0	0	0	0
0.089241	0	0	0	0	0	0
0.018048	0	0	0	0	0	0
0.01532	0	0	0	0	0	0
0.015071	0	0	0	0	0	0
0.023918	0	0	0	0	0	0
0.014649	0	0	0	0	0	0
0.022548	0	0	0	0	0	0
0.019007	0	0	0	0	0	0
0.040034	0	0	0	0	0	0
0.275606	0	0	0	0	0	0
0.18877	0	0	0	0	0	0
0.069795	0	0	0	0	0	0
0.027787	0	0	0	0	0	0
0.031972	0	0	0	0	0	0
0.000344	0	0	0	0	0	0
0.000955	0	0	0	0	0	0
0.000318	0	0	0	0	0	0
0.000273	0	0	0	0	0	0
0.639715	0	0	0	0	0	0
0.169601	0	0	0	0	0	0
0.033545	0	0	0	0	0	0
0.028645	0	0	0	0	0	0
0.033486	0	0	0	0	0	0
0.01231	0	0	0	0	0	0

0.091388	0	0	0	0	0	0
0.061029	0	0	0	0	0	0
0.251569	0	0	0	0	0	0
0.05531	0	0	0	0	0	0
0.030736	0	0	0	0	0	0
0.053153	0	0	0	0	0	0
0.296033	0	0	0	0	0	0
0.038056	0	0	0	0	0	0
0.101899	0	0	0	0	0	0
0.306736	0.07	0	0	0	0	0
0.100934	0	0	0	0	0	0
0.105012	0	0	0	0	0	0
0.097862	0	0	0	0	0	0
0.052892	0	0	0	0	0	0
0.033674	0	0	0	0	0	0
0.075446	0	0	0	0	0	0
0.068517	0	0	0	0	5	5
0.059036	0	0	0	0	0	0
0.047266	0	0	0	0	0	0
0.043397	0	0	0	0	0	0
0.045588	0	0	0	0	0	0
0.048531	0	0	0	0	0	0
0.043487	0	0	0	0	0	0
0.044012	0	0	0	0	0	0
0.044822	0	0	0	0	0	0
0.042031	0	0	0	0	0	0
0.045278	0	5	0	0	0	5
0.043686	0	0	0	0	0	0
0.042588	0	0	0	0	0	0
0.049404	0	0	0	0	0	0
0.042107	0	0	0	0	0	0
0.061656	0	0	0	0	0	0
0.043509	0	0	0	0	0	0
0.048865	0	0	0	0	0	0
0.067701	0	0	0	0	0	0
0.061741	0	0	0	0	0	0
0.039423	0	0	0	0	0	0
0.045098	0	0	0	0	0	0
0.027001	0	0	0	0	0	0
0.063341	0	0	0	0	0	0
0.065589	0	0	0	0	0	0
0.089367	0	0	0	0	0	0
0.038463	0	0	0	0	0	0
0.04609	0	0	0	0	0	0
0.027564	0	0	0	0	0	0
0.016766	0	0	0	0	4	4
0.104677	0	0	0	0	0	0
0.054525	0	0	0	0	0	0
0.033458	0	0	0	0	0	0
0.04337	0	0	0	0	0	0

0.101592	0	0	0	0	0	0
0.018029	0	0	0	0	0	0
0.022206	0	0	0	0	0	0
0.080919	0	0	0	0	0	0
0.044722	0	0	0	0	0	0
0.067752	0	0	0	0	0	0
0.155386	0.05	0	0	0	0	0
0.175574	0.04	0	0	0	0	0
0.019804	0	0	0	0	0	0
0.005409	0	0	0	0	0	0
0.006821	0	0	0	0	0	0
0.012251	0	0	0	0	4	4
0.003614	0	4	0	0	0	4
0.004748	0	0	0	0	0	0
0.003025	0	0	0	0	0	0
0.004808	0	0	0	0	0	0
0.00209	0	0	0	0	1	1
0.00984	0	1	0	0	0	1
0.889237	0	0	0	0	0	0
0.780366	0	0	0	0	7	7
0.002605	0	7	0	0	0	7
0.000987	0	0	0	0	0	0
0.001282	0	0	0	0	0	0
0.000532	0	0	0	0	0	0
0.000889	0	0	0	0	0	0
0.01747	0	0	0	0	0	0
0.022204	0	0	0	0	0	0
0.030389	0	0	0	0	0	0
0.014379	0	0	0	0	0	0
0.042555	0	0	0	0	0	0
0.048572	0	0	2	0	0	2
0.08159	0	0	0	0	2	2
0.043766	0	2	0	0	0	2
0.05783	0	0	0	0	0	0
0.035686	0	0	0	0	0	0
0.040133	0	0	0	0	0	0
0.035432	0	0	0	0	0	0
0.158471	0	0	0	0	0	0
0.281455	0	0	0	0	0	0
0.129298	0	0	0	0	0	0
0.025165	0	0	0	0	0	0
0.059642	0	0	0	0	0	0
0.027959	0	0	0	0	0	0
0.087335	0	0	0	0	0	0
0.045424	0	0	0	0	0	0
0.025599	0	0	0	0	0	0
0.025747	0	0	0	0	0	0
0.374659	0.09	0	0	0	0	0
0.019974	0	0	0	0	0	0
0.097211	0	0	0	0	0	0

0.02424	0	0	0	0	0	0
0.016641	0	0	0	0	0	0
0.013286	0	0	0	0	0	0
0.012069	0	0	0	0	0	0
0.008402	0	0	0	0	0	0
0.011792	0	0	0	0	0	0
0.00888	0	0	0	0	0	0
0.01182	0	0	0	0	0	0
0.06527	0	0	0	0	0	0
0.063447	0	0	0	0	0	0
0.054365	0	0	0	0	0	0
0.044064	0	0	0	0	0	0
0.039239	0	0	0	0	0	0
0.075054	0	0	0	0	0	0
0.000345	0	0	0	0	0	0
0.018845	0	0	0	0	0	0
0.005816	0	0	0	0	0	0
0.00534	0	0	0	0	0	0
0.002433	0	0	0	0	0	0
0.021519	0	0	0	0	0	0
0.013773	0	0	0	0	0	0
0.036676	0	0	0	0	0	0
0.021437	0	0	0	0	0	0
0.013017	0	0	0	0	0	0
0.009893	0	0	0	0	0	0
0.140206	0.01	0	0	0	0	0
0.017223	0	0	0	0	0	0
0.047688	0	0	0	0	0	0
0.014462	0	0	0	0	0	0
0.102934	0	0	0	0	0	0
0.042436	0	0	0	0	0	0
0.032716	0	0	0	0	0	0
0.063982	0	0	0	0	0	0
0.167234	0	0	0	0	0	0
0.056922	0	0	0	0	0	0
0.126521	0	0	0	0	0	0
0.041698	0	0	0	0	0	0
0.029333	0	0	0	0	0	0
0.027386	0	0	0	0	0	0
0.053959	0	0	0	0	0	0
0.039262	0	0	0	0	0	0
0.015255	0	0	0	0	0	0
0.018085	0	0	0	0	0	0
0.031946	0	0	0	0	0	0
0.068697	0	0	0	0	0	0
0.835096	0	0	0	0	0	0
0.007737	0	0	0	0	0	0
0.007903	0	0	0	0	0	0
0.003743	0	0	0	0	0	0
0.004909	0	0	0	0	0	0

0.043517	0	0	0	0	0	0
0.033663	0	0	0	0	0	0
0.036625	0	0	0	0	0	0
0.063914	0	0	0	0	0	0
0.487784	0	0	0	0	0	0
0.235313	0.01	0	0	0	0	0
0.068395	0	0	0	0	0	0
0.007908	0.03	0	0	0	0	0
0.021259	0	0	0	0	0	0
0.004539	0	0	0	0	0	0
0.144945	0	0	0	0	0	0
0.063761	0	0	0	0	0	0
0.064018	0	0	0	0	0	0
0.049847	0	0	0	0	0	0
0.071428	0	0	0	0	0	0
0.09218	0	0	0	0	0	0
0.07713	0	0	0	0	0	0
0.013592	0	0	0	0	0	0
0.008232	0	0	0	0	0	0
0.060426	0	0	0	0	0	0
0.016709	0	0	0	0	0	0
0.026694	0	0	0	0	0	0
0.013877	0	0	0	0	0	0
0.01157	0	0	0	0	0	0
0.021416	0	0	0	0	0	0
0.010531	0	0	0	0	0	0
0.010548	0	0	0	0	0	0
0.018353	0	0	0	0	0	0
0.018634	0	0	0	0	0	0
0.024454	0	0	0	0	0	0
0.006065	0	0	0	0	0	0
0.006065	0	0	0	0	0	0
0.007938	0	0	0	0	0	0
0.001316	0	0	0	0	0	0
0.002922	0	0	0	0	0	0
0.008596	0	0	0	0	0	0
0.026676	0	0	0	0	0	0
0.030164	0	0	0	0	0	0
0.033858	0	0	0	0	0	0
0.015179	0	0	0	0	0	0
0.009527	0	0	0	0	0	0
0.012209	0	0	0	0	0	0
0.012121	0	0	0	0	0	0
0.008972	0	0	0	0	0	0
0.021479	0	0	0	0	0	0
0.005202	0	0	0	0	0	0
0.010153	0	0	0	0	0	0
0.311888	0	0	0	0	0	0
0.027796	0	0	0	0	0	0
0.014383	0	0	0	0	0	0

0.0147	0	0	0	0	0	0
0.006371	0	0	0	0	0	0
0.008011	0	0	0	0	0	0
0.010907	0	0	0	0	0	0
0.007148	0	0	0	0	0	0
0.004291	0	0	0	0	0	0
0.002957	0	0	0	0	0	0
0.002851	0	0	0	0	0	0
0.003453	0	0	0	0	0	0
0.002326	0	0	0	0	0	0
0.00242	0	0	0	0	0	0
0.001466	0	0	0	0	0	0
0.004126	0	0	0	0	0	0
0.001468	0	0	0	0	0	0
0.006898	0	0	0	0	0	0
0.001314	0	0	0	0	0	0
0.005551	0	0	0	0	0	0
0.001877	0	0	0	0	0	0
0.001815	0	0	0	0	0	0
0.00951	0	0	0	0	0	0
0.001659	0	0	0	0	0	0
0.015591	0	0	0	0	0	0
0.027478	0	0	0	0	0	0
0.033795	0	0	0	0	0	0
0.055461	0	0	0	0	0	0
0.039393	0	0	0	0	0	0
0.07219	0	0	0	0	0	0
0.072065	0	0	0	0	0	0
0.035352	0	0	0	0	0	0
0.033274	0	0	0	0	0	0
0.031068	0	0	0	0	0	0
0.066067	0	0	0	0	0	0
0.044698	0	0	0	0	0	0
0.050861	0	0	0	0	0	0
0.055994	0	0	0	0	0	0
0.031473	0	0	0	0	0	0
0.199946	0.02	0	0	0	0	0
0.051577	0	0	0	0	0	0
0.021653	0	0	0	0	0	0
0.024506	0	0	0	0	0	0
0.089744	0	0	0	0	0	0
0.062357	0	0	0	0	0	0
0.251859	0	0	0	0	0	0
0.043372	0	0	0	0	0	0
0.046365	0	0	0	0	0	0
0.047282	0	0	0	0	0	0
0.040393	0	0	0	0	0	0
0.045274	0	0	0	0	0	0
0.008324	0	0	0	0	0	0
0.013836	0	0	0	0	0	0

0.006494	0	0	0	0	0	0
0.00476	0	0	0	0	0	0
0.011223	0	0	0	0	0	0
0.03663	0	0	0	0	0	0
0.012103	0	0	0	0	0	0
0.051629	0	0	0	0	0	0
0.053287	0	0	0	0	0	0
0.112167	0	0	0	0	0	0
0.039621	0	0	0	0	0	0
0.017014	0	0	0	0	0	0
0.00941	0	0	0	0	0	0
0.009726	0	0	0	0	0	0
0.059812	0	0	0	0	0	0
0.01428	0	0	0	0	0	0
0.008346	0	0	0	0	0	0
0.007963	0	0	0	0	0	0
0.009036	0	0	0	0	0	0
0.041413	0	0	0	0	0	0
0.03813	0	0	0	0	0	0
0.061015	0	0	0	0	0	0
0.014397	0	0	0	0	0	0
0.034496	0	0	0	0	0	0
0.036876	0	0	0	0	0	0
0.032694	0	0	0	0	0	0
0.045621	0	0	0	0	0	0
0.038543	0	0	0	0	0	0
0.073008	0	0	0	0	0	0
0.049844	0	0	0	0	0	0
0.04209	0	0	0	0	0	0
0.017867	0	0	0	0	0	0
0.007835	0	0	0	0	0	0
0.004743	0	0	0	0	0	0
0.001641	0	0	0	0	0	0
0.00522	0	0	0	0	0	0
0.06934	0	0	0	0	0	0
0.033229	0	0	0	0	0	0
0.02101	0	0	0	0	0	0
0.025572	0	0	0	0	0	0
0.010142	0	0	0	0	0	0
0.021068	0	0	0	0	0	0
0.010081	0	0	0	0	0	0
0.061825	0	0	0	0	0	0
0.000962	0	0	0	0	0	0
0.003291	0	0	0	0	0	0
0.001867	0	0	0	0	0	0
0.00276	0	0	0	0	0	0
0.002754	0	0	0	0	0	0
0.040151	0	0	0	0	0	0
0.015161	0	0	0	0	0	0
0.05454	0	0	0	0	0	0

0.042562	0	0	0	0	0	0
0.046879	0	0	0	0	0	0
0.046622	0	0	0	0	0	0
0.058099	0	0	0	0	0	0
0.046277	0	0	0	0	0	0
0.016946	0	0	0	0	1	1
0.024237	0	1	0	0	0	1
0.016811	0	0	0	0	0	0
0.018635	0	0	0	0	0	0
0.435579	0.01	0	0	0	0	0
0.327574	0	0	0	0	0	0
0.054979	0	0	0	0	0	0
0.025358	0	0	0	0	0	0
0.180549	0	0	0	0	0	0
0.0268	0	0	0	0	0	0
0.090902	0	0	0	0	0	0
0.027595	0	0	0	0	0	0
0.017015	0	0	0	0	0	0
0.056801	0	0	0	0	0	0
0.007068	0	0	0	0	0	0
0.008066	0	0	0	0	0	0
0.009592	0	0	0	0	0	0
0.00506	0	0	0	0	0	0
0.418118	0	0	1	0	0	1
0.003799	0	0	0	0	0	0
0.026457	0	0	0	0	0	0
0.005559	0	0	0	0	0	0
0.021722	0	0	0	0	0	0
0.056855	0	0	0	0	0	0
0.050834	0	0	0	0	0	0
0.009377	0	0	0	0	0	0
0.005392	0	0	0	0	0	0
0.003959	0	0	0	0	0	0
0.004434	0	0	0	0	0	0
0.006596	0	0	0	0	0	0
0.010574	0	0	0	0	0	0
0.01632	0	0	0	0	0	0
0.009693	0	0	0	0	0	0
0.004893	0	0	0	0	0	0
0.017876	0	0	0	0	0	0
0.00939	0	0	0	0	0	0
0.057808	0	0	0	0	0	0
0.045886	0	0	0	0	0	0
0.074534	0	0	0	0	0	0
0.046609	0	0	0	0	0	0
0.069547	0	0	0	0	0	0
0.045285	0	0	0	0	0	0
0.066232	0	0	0	0	0	0
0.027992	0	0	0	0	0	0
0.042632	0	0	0	0	0	0



0.092798	0	0	0	0	0	0
0.04215	0	0	0	0	0	0
0.053169	0	0	0	0	0	0
0.051729	0	0	0	0	0	0
0.049964	0	0	0	0	0	0
0.160557	0	0	0	0	0	0
0.064273	0	0	0	0	0	0
0.129147	0	0	0	0	0	0
0.057091	0	0	0	0	0	0
0.044297	0	0	0	0	0	0
0.026803	0	0	0	0	0	0
0.042384	0	0	0	0	0	0
0.311532	0	0	0	0	0	0
0.427626	0	0	0	0	0	0
0.257098	0	0	0	0	0	0
0.30534	0.02	0	0	0	0	0
0.083597	0	0	0	0	0	0
0.046115	0	0	0	0	0	0
0.080854	0	0	0	0	0	0
0.069941	0	0	0	0	0	0
0.03953	0	0	0	0	0	0
0.095442	0	0	0	0	0	0
0.064037	0	0	0	0	0	0
0.084991	0	0	0	0	0	0
0.038749	0	0	0	0	0	0
0.054554	0	0	0	0	0	0
0.028539	0	0	0	0	0	0
0.034034	0	0	0	0	0	0
0.033867	0	0	0	0	0	0
0.021116	0	0	0	0	0	0
0.026969	0	0	0	0	0	0
0.041316	0	0	0	0	0	0
0.053834	0	0	0	0	0	0
0.03103	0	0	0	0	0	0
0.028744	0	0	0	0	0	0
0.033367	0	0	0	0	0	0
0.045831	0	0	0	0	0	0
0.019649	0	0	0	0	0	0
0.019762	0	0	0	0	0	0
0.021312	0	0	0	0	0	0
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0.028354	0	0	0	0	0	0
0.016035	0	0	0	0	0	0
0.010763	0	0	0	0	0	0
0.019809	0	0	0	0	0	0
0.011972	0	0	0	0	0	0
0.009046	0	0	0	0	0	0
0.053784	0	0	0	0	0	0
0.007289	0	0	0	0	0	0
0.010315	0	0	0	0	0	0

0.011115	0	0	0	0	0	0
0.0117	0	0	0	0	0	0
0.010035	0	0	0	0	0	0
0.008292	0	0	0	0	0	0
0.006462	0	0	0	0	0	0
0.010242	0	0	0	0	0	0
0.013451	0	0	0	0	0	0
0.003121	0	0	0	0	0	0
0.06215	0	0	0	0	0	0
0.00202	0	0	0	0	0	0
0.051353	0	0	0	0	0	0
0.053661	0	0	0	0	0	0
0.055945	0	0	0	0	0	0
0.059835	0	0	0	0	0	0
0.037401	0	0	0	0	0	0
0.670841	0.26	0	0	0	0	0
0.142946	0	0	0	0	0	0
0.294621	0	0	0	0	0	0
0.054719	0	0	0	0	0	0
0.1052	0	0	0	0	0	0
0.138046	0	0	0	0	0	0
0.107072	0	0	0	0	0	0
0.13272	0	0	0	0	0	0
0.072865	0	0	0	0	0	0
0.058245	0	0	0	0	0	0
0.050428	0	0	0	0	0	0
0.056987	0	0	0	0	0	0
0.036235	0	0	0	0	0	0
0.327937	0	0	0	0	0	0
0.069929	0	0	0	0	0	0
0.012678	0	0	0	0	0	0
0.014585	0	0	0	0	0	0
0.062002	0	0	0	0	0	0
0.010095	0	0	0	0	0	0
0.04211	0	0	0	0	0	0
0.038122	0	0	0	0	0	0
0.03394	0	0	0	0	0	0
0.032179	0	0	0	0	0	0
0.144881	0	0	0	0	0	0
0.380906	0	0	0	0	0	0
0.103231	0	0	0	0	0	0
0.059914	0	0	0	0	0	0
0.024139	0	0	0	0	0	0
0.02479	0	0	0	0	0	0
0.057117	0	0	0	0	0	0
0.005355	0	0	0	0	0	0
0.004824	0	0	0	0	0	0
0.02571	0	0	0	0	0	0
0.027609	0	0	0	0	2	2
0.09504	0	0	0	0	0	0

0.017307	0	0	0	0	0	0
0.040645	0	0	0	0	0	0
0.015234	0	0	0	0	0	0
0.026584	0	0	0	0	0	0
0.016779	0	0	0	0	0	0
0.013054	0	0	0	0	0	0
0.013473	0	0	0	0	0	0
0.009876	0	0	0	0	0	0
0.009362	0	0	0	0	0	0
0.85257	0.08	0	0	0	0	0
0.10108	0	0	0	0	0	0
0.041054	0	0	0	0	0	0
0.067692	0	0	0	0	0	0
0.031906	0	0	0	0	0	0
0.028813	0	0	0	0	0	0
0.028881	0	0	0	0	0	0
0.049362	0	0	0	0	0	0
0.051827	0	0	0	0	0	0
0.047394	0	0	0	0	0	0
0.063103	0	0	0	0	0	0
0.06679	0	0	0	0	0	0
0.003707	0	0	0	0	0	0
0.003125	0	0	0	0	0	0
0.002258	0	0	0	0	0	0
0.001924	0	0	0	0	0	0
0.003604	0	0	0	0	0	0
0.001306	0	0	0	0	0	0
0.001108	0	0	0	0	0	0
0.008315	0	0	0	0	0	0
0.021202	0	0	0	0	0	0
0.023372	0	0	0	0	0	0
0.019366	0	0	0	0	0	0
0.056144	0	0	0	0	0	0
0.01161	0	0	0	0	0	0
0.017446	0	0	0	0	0	0
0.045255	0	0	0	0	0	0
0.021344	0	0	0	0	0	0
0.093577	0	0	0	0	0	0
0.296257	0	0	0	0	0	0
0.049485	0	0	0	0	0	0
0.040832	0	0	0	0	0	0
0.047994	0	0	0	0	0	0
0.039801	0	0	0	0	0	0
0.029674	0	0	0	0	0	0
0.073643	0	0	0	0	0	0
0.040225	0	0	0	0	0	0
0.05739	0	0	0	0	0	0
0.045905	0	0	0	0	0	0
0.066164	0	0	0	0	0	0
0.227571	0.03	0	0	0	0	0

0.183443	0	0	0	0	1	1
0.043096	0	1	0	0	0	1
0.358492	0.07	0	0	0	0	0
0.030954	0	0	0	0	0	0
0.022054	0	0	0	0	0	0
0.022034	0	0	0	0	0	0
0.054994	0	0	0	0	0	0
0.021196	0	0	0	0	0	0
0.027119	0	0	0	0	0	0
0.015023	0	0	0	0	0	0
0.013386	0	0	0	0	0	0
0.039341	0	0	0	0	0	0
0.026774	0	0	0	0	0	0
0.04798	0	0	0	0	0	0
0.047304	0	0	0	0	0	0
0.058322	0	0	0	0	0	0
0.070375	0	0	0	0	0	0
0.05678	0	0	0	0	0	0
0.387073	0	0	0	0	0	0
0.155239	0	0	0	0	0	0
0.104559	0	0	0	0	0	0
0.0579	0	0	0	0	0	0
0.058122	0	0	0	0	0	0
0.033746	0	0	0	0	0	0
0.270102	0	0	0	0	0	0
0.050524	0	0	0	0	0	0
0.923999	0	0	0	0	0	0
0.07296	0	0	0	0	0	0
0.074102	0	0	0	0	0	0
0.047672	0	0	0	0	0	0
0.095753	0	0	0	0	0	0
0.081575	0	0	11	0	6	17
0.056519	0	0	0	6	0	6
0.028871	0	0	2	0	0	2
0.044021	0	0	0	0	1	1
0.058212	0	1	0	0	3	4
0.031223	0	3	0	0	0	3
0.050832	0	0	0	0	0	0
0.098991	0	0	0	0	0	0
0.052076	0	6	0	0	17	23
0.042721	0	0	0	0	0	0
0.048177	0	0	0	0	0	0
0.053183	0	0	0	0	0	0
0.059326	0	0	0	0	0	0
0.049425	0	0	0	0	9	9
0.03729	0	9	0	0	1	10
0.038079	0	1	0	0	0	1
0.21376	0.06	0	0	0	0	0
0.120689	0.02	0	0	0	0	0
0.027607	0	0	0	0	0	0

0.016983	0	0	0	0	0	0
0.019328	0	0	0	0	0	0
0.01914	0	0	0	0	0	0
0.026532	0	0	0	0	0	0
0.017332	0	0	0	0	0	0
0.020051	0	0	0	0	0	0
0.053374	0	1	0	0	1	2
0.015549	0	0	0	0	0	0
0.022952	0	0	0	0	0	0
0.02238	0	0	0	0	0	0
0.012026	0	0	0	0	0	0
0.018568	0	0	0	0	0	0
0.013676	0	0	0	0	0	0
0.013907	0	0	0	0	0	0
0.055444	0	1	0	0	20	21
0.051416	0	20	0	5	0	25
0.043748	0	0	0	0	0	0
0.064258	0	0	0	0	0	0
0.04935	0	0	0	0	0	0
0.061225	0	0	0	0	0	0
0.046199	0	0	0	0	0	0
0.047641	0	0	0	0	0	0
0.066649	0	0	0	0	0	0
0.045258	0	0	0	0	0	0
0.049521	0	0	0	0	0	0
0.025135	0	0	0	0	0	0
0.197591	0	0	0	0	0	0
0.020237	0	0	0	0	4	4
0.026593	0	4	0	0	0	4
0.021386	0	0	0	0	0	0
0.02065	0	0	0	0	0	0
0.02616	0	0	0	0	0	0
0.021808	0	0	0	0	0	0
0.022771	0	0	0	0	0	0
0.03008	0	0	0	0	0	0
0.012407	0	0	0	0	0	0
0.022784	0	0	0	0	0	0
0.017843	0	0	0	0	0	0
0.116442	0	0	0	0	0	0
0.073448	0	0	0	0	0	0
0.020696	0	0	0	0	0	0
0.021658	0	0	0	0	0	0
0.015274	0	0	0	0	0	0
0.020932	0	0	0	0	0	0
0.011799	0	0	0	0	0	0
0.247313	0.06	0	0	0	0	0
0.029726	0	0	0	0	0	0
0.016131	0	0	0	0	0	0
0.012021	0	0	0	0	0	0
0.010916	0	0	0	0	0	0

0.018847	0	0	0	0	0	0
0.022137	0	0	0	0	0	0
0.009604	0	0	0	0	0	0
0.010841	0	0	0	0	0	0
0.014526	0	0	0	0	0	0
0.00735	0	0	0	0	0	0
0.030263	0	0	0	0	0	0
0.018171	0	0	0	0	0	0
0.011866	0	0	0	0	0	0
0.016979	0	0	0	0	0	0
0.154317	0	0	0	0	0	0
0.030868	0	0	0	0	0	0
0.966952	0	0	0	0	0	0
0.062485	0	0	0	0	0	0
0.051306	0	0	0	0	0	0
0.047564	0	0	0	0	0	0
0.014907	0	0	0	0	0	0
0.164162	0	0	0	0	0	0
0.015174	0	0	0	0	0	0
0.180504	0.02	0	0	0	0	0
0.023516	0	0	0	0	0	0
0.024523	0	0	0	0	0	0
0.064289	0	0	0	3	0	3
0.092946	0	0	0	0	9	9
0.036234	0	9	0	0	0	9
0.023988	0	0	0	0	0	0
0.022137	0	0	0	0	0	0
0.094807	0	0	0	0	0	0
0.093297	0	0	0	0	0	0
0.050887	0	0	0	0	0	0
0.072575	0	0	0	0	0	0
0.001492	0	0	0	0	0	0
0.004275	0	0	0	0	0	0
0.001581	0	0	0	0	0	0
0.003805	0	0	0	0	5	5
0.061776	0	0	0	0	0	0
0.104533	0	0	0	0	0	0
0.053852	0	0	0	0	0	0
0.056656	0	0	0	0	0	0
0.134527	0	0	2	2	0	4
0.068804	0	0	0	0	0	0
0.033756	0	0	0	0	0	0
0.093895	0	0	0	0	0	0
0.096771	0	0	0	0	0	0
0.058529	0	0	0	0	0	0
0.098406	0	0	0	0	0	0
0.033257	0	0	0	0	0	0
0.045597	0	0	0	0	0	0
0.043495	0	0	0	0	0	0
0.035131	0	0	0	0	0	0

0.043964	0	0	0	0	0	0
0.032908	0	0	0	0	0	0
0.030307	0	0	0	0	0	0
0.082056	0	0	0	0	0	0
0.197204	0	0	0	0	0	0
0.212362	0	0	0	0	0	0
0.03023	0	0	0	0	0	0
0.042614	0	0	0	0	0	0
0.032454	0	0	0	0	0	0
0.025551	0	0	0	0	0	0
0.036173	0	0	0	0	0	0
0.039724	0	1	0	0	0	1
0.047954	0	0	0	0	0	0
0.035992	0	0	0	0	0	0
0.01314	0	0	0	0	0	0
0.020752	0	0	0	0	0	0
0.016934	0	0	0	0	0	0
0.018106	0	0	0	0	0	0
0.016744	0	0	0	0	0	0
0.040876	0	0	0	0	0	0
0.04564	0	0	0	0	0	0
0.008568	0	0	0	0	0	0
0.011769	0	0	0	0	0	0
0.003186	0	0	0	0	0	0
0.036387	0	0	0	0	0	0
0.003843	0	0	0	0	0	0
0.030958	0	0	0	0	0	0
0.002756	0	0	0	0	0	0
0.002787	0	0	0	0	0	0
0.002884	0	0	0	0	0	0
0.003582	0	0	0	0	0	0
0.003456	0	0	0	0	0	0
0.002007	0	0	0	0	0	0
0.00275	0	0	0	0	0	0
0.002752	0	0	0	0	0	0
0.054533	0	0	0	0	0	0
0.066632	0	0	0	0	0	0
0.026718	0	0	0	0	0	0
0.022818	0	0	0	0	0	0
0.132716	0	0	0	0	0	0
0.008667	0	0	0	0	0	0
0.207855	0	0	0	0	0	0
0.007369	0	0	0	0	0	0
0.007144	0	0	0	0	0	0
0.009851	0	0	0	0	0	0
0.010505	0	0	0	0	0	0
0.010556	0	0	0	0	0	0
0.009257	0	0	0	0	0	0
0.092447	0	0	0	0	0	0
0.004827	0	0	0	0	0	0

0.002148	0	0	0	0	0	0
0.007657	0	0	0	0	0	0
0.007646	0	0	0	0	0	0
0.001664	0	0	0	0	7	7
0.005092	0	0	0	0	0	0
0.008404	0	0	0	0	0	0
0.00291	0	0	0	0	0	0
0.004417	0	0	0	0	0	0
0.000565	0	0	0	0	0	0
0.001034	0	5	0	0	0	5
0.002064	0	0	0	0	0	0
0.008967	0	0	0	0	0	0
0.002966	0	0	0	0	0	0
0.001656	0	0	0	0	0	0
0.001178	0	0	0	0	0	0
0.003282	0	0	0	0	0	0
0.073065	0	0	0	0	0	0
0.167293	0	0	0	0	0	0
0.006405	0	0	0	0	0	0
0.005723	0	0	0	0	0	0
0.015722	0	0	0	0	0	0
0.005265	0	0	0	0	0	0
0.00536	0	0	0	0	0	0
0.002071	0	0	0	0	0	0
0.004905	0	0	0	0	0	0
0.006583	0	0	0	0	0	0
0.00115	0	0	0	0	0	0
0.003246	0	0	0	0	0	0
0.008395	0	0	0	0	0	0
0.002022	0	0	0	0	0	0
0.019337	0	0	0	0	0	0
0.011768	0.02	0	0	0	0	0
0.015033	0	0	0	0	0	0
0.002369	0	0	0	0	0	0
0.034554	0	0	0	0	0	0
0.0054	0	0	0	0	0	0
0.002637	0	0	0	0	0	0
0.006535	0	0	0	0	0	0
0.00487	0	0	0	0	0	0
0.001841	0	0	0	0	0	0
0.040209	0	0	0	0	0	0
0.05476	0	0	0	0	0	0
0.073233	0	0	0	0	4	4
0.047102	0	4	0	0	0	4
0.062672	0	0	0	0	0	0
0.260783	0	0	0	0	0	0
0.009831	0	0	0	0	0	0
0.003363	0	4	0	0	0	4
0.004724	0	0	0	0	0	0
0.004308	0	0	0	0	0	0



0.06517	0	0	0	0	0	0
0.008682	0	0	0	0	0	0
0.007017	0	0	0	0	0	0
0.003997	0	0	0	0	5	5
0.589775	0.28	5	0	5	0	10
0.059227	0	0	0	0	0	0
0.005351	0	0	0	0	0	0
0.007344	0	0	0	0	0	0
0.008352	0	0	0	0	0	0
0.00837	0	0	0	0	0	0
0.004872	0	0	0	0	0	0
0.00334	0	0	0	0	0	0
0.00271	0	0	0	0	4	4
0.02055	0	0	0	0	0	0
0.023312	0	5	0	0	0	5
0.014228	0	0	0	0	0	0
0.019324	0	0	0	0	0	0
0.085374	0	0	0	0	0	0
0.089415	0	0	0	0	0	0
0.014084	0	0	0	0	0	0
0.020661	0	0	0	0	0	0
0.014555	0	0	0	0	0	0
0.115992	0	0	0	1	1	2
0.081404	0	1	0	0	0	1
0.015283	0	0	0	0	0	0
0.013678	0	0	0	0	0	0
0.028663	0	0	0	0	0	0
0.026597	0	0	0	0	0	0
0.016869	0	0	0	0	0	0
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0.044382	0	0	0	0	0	0
0.041156	0	0	0	0	5	5
0.008682	0	0	0	0	0	0
0.049533	0	0	0	0	0	0
0.047729	0	0	0	0	0	0
0.051081	0	0	0	0	0	0
0.034163	0	0	0	0	0	0
0.038856	0	0	0	0	0	0
0.222496	0	0	0	0	0	0
0.080907	0	0	0	0	0	0
0.129889	0	0	0	0	0	0
0.262634	0	0	0	0	0	0
0.041862	0	0	0	0	0	0
0.044061	0	0	0	0	0	0
0.051919	0	0	0	0	0	0
0.025943	0	0	0	0	0	0
0.049573	0	0	0	0	0	0
0.010909	0	0	0	0	0	0
0.073956	0.02	0	0	0	0	0
0.045117	0	0	0	0	0	0

0.009603	0	0	0	0	0	0
0.04949	0	0	0	0	0	0
0.025363	0	0	0	0	0	0
0.69441	0	0	0	0	0	0
0.024464	0	0	0	0	0	0
0.205823	0	0	0	0	0	0
0.007615	0	0	0	0	0	0
0.023152	0	0	0	0	0	0
0.036492	0	0	0	0	0	0
0.048113	0	0	0	0	0	0
0.028283	0	0	0	0	0	0
0.045538	0	0	0	0	0	0
0.038235	0	0	0	0	0	0
0.032209	0	0	0	0	0	0
0.009358	0	0	0	0	0	0
0.011174	0	0	0	0	0	0
0.067619	0	0	0	0	0	0
0.022732	0	0	0	0	0	0
0.071459	0	0	0	0	0	0
0.027114	0	0	0	0	0	0
0.036212	0	0	0	0	0	0
0.050926	0	0	0	0	0	0
0.048316	0	0	0	0	0	0
0.063119	0	0	0	0	0	0
0.049668	0	0	0	0	0	0
0.006396	0	0	0	0	0	0
0.256623	0	0	0	0	0	0
0.090838	0	0	3	0	0	3
0.026141	0	0	2	0	0	2
0.077366	0	0	0	0	0	0
0.013994	0	0	0	0	0	0
0.013341	0	0	0	0	0	0
0.019963	0	0	0	0	0	0
0.04193	0	0	0	0	0	0
0.036169	0	0	0	0	0	0
0.018437	0	0	0	0	0	0
0.06251	0	0	0	0	0	0
0.044256	0	0	0	0	0	0
0.100274	0.01	0	0	0	0	0
0.020509	0	0	0	0	0	0
0.030794	0	0	0	0	0	0
0.42337	0.3	0	0	0	0	0
0.041378	0	0	0	0	0	0
0.024038	0	0	0	0	0	0
0.020328	0	0	0	0	0	0
0.043184	0	0	0	0	0	0
0.040323	0	0	0	0	0	0
0.092434	0.02	0	0	0	0	0
0.281904	0.13	0	0	0	0	0
0.041961	0	0	0	0	0	0

0.034109	0	0	0	0	0	0
0.044998	0	0	0	0	0	0
0.020621	0	0	0	0	0	0
0.051052	0	0	0	0	0	0
0.031754	0	0	0	0	0	0
0.035444	0	0	0	0	0	0
0.007502	0	0	0	0	0	0
0.006113	0	0	0	0	0	0
0.015442	0	0	0	0	0	0
0.005802	0	0	0	0	0	0
0.015651	0	0	0	0	0	0
0.03448	0	0	0	0	0	0
0.019422	0	0	0	0	0	0
0.038199	0	0	0	0	0	0
0.029633	0	0	0	0	0	0
0.012242	0	0	0	0	0	0
0.022087	0	0	0	0	0	0
0.038248	0	0	0	0	0	0
0.012284	0	0	0	0	0	0
0.010761	0	0	0	0	0	0
0.006459	0	0	0	0	0	0
0.021632	0	0	0	0	0	0
0.01288	0	0	0	0	0	0
0.027958	0	0	0	0	0	0
0.033561	0	0	0	0	0	0
0.029272	0	0	0	0	0	0
0.05699	0	0	0	0	0	0
0.022284	0	0	0	0	0	0
0.02525	0	0	0	0	0	0
0.040797	0	0	0	0	0	0
0.029721	0	0	0	0	0	0
0.79584	0	0	0	0	0	0
0.011606	0.03	0	0	0	0	0
0.025789	0	0	0	0	0	0
0.001683	0	0	0	0	0	0
0.001409	0	0	0	0	0	0
0.000655	0	0	0	0	0	0
0.028911	0	0	0	0	0	0
0.001902	0	0	0	0	11	11
0.004524	0	0	0	0	0	0
0.001978	0	0	0	0	0	0
0.002023	0	0	0	0	0	0
0.001917	0	0	0	0	0	0
0.001765	0	0	0	0	11	11
0.000982	0	11	0	0	0	11
0.003967	0	0	0	0	0	0
0.00078	0	0	0	0	0	0
0.220793	0	0	0	0	0	0
0.003113	0	0	0	0	0	0
0.10123	0.07	0	0	0	0	0

0.010701	0	0	0	0	0	0
0.018824	0	0	0	0	0	0
0.029991	0	0	0	0	0	0
0.029685	0	0	0	0	0	0
0.045173	0	0	0	0	1	1
0.042045	0	1	0	0	0	1
0.029941	0	0	0	0	0	0
0.047172	0	0	0	0	0	0
0.00631	0	0	0	0	0	0
0.002277	0	0	0	0	0	0
0.002627	0	0	0	0	0	0
0.001326	0	0	0	0	0	0
0.004071	0	0	0	0	0	0
0.004124	0	0	0	0	7	7
0.007042	0	7	0	0	0	7
0.003605	0	0	0	0	0	0
0.003451	0	0	0	0	6	6
0.002902	0	6	0	0	0	6
0.00202	0	0	0	0	0	0
0.001866	0	0	0	0	0	0
0.022077	0	0	0	0	0	0
0.043749	0	0	0	0	0	0
0.004457	0	0	0	0	0	0
0.001043	0.01	0	0	0	0	0
0.01232	0	0	0	0	0	0
0.004578	0	0	0	0	0	0
0.005445	0	0	0	0	0	0
0.047092	0	0	0	0	0	0
0.059651	0	0	0	0	0	0
0.016836	0	0	0	0	0	0
0.025873	0	0	0	0	0	0
0.045795	0	0	0	0	0	0
0.021341	0	0	0	0	0	0
0.035032	0	0	0	0	0	0
0.034889	0	0	0	0	0	0
0.027494	0	0	0	0	0	0
0.082357	0	0	0	0	0	0
0.033658	0	0	0	0	0	0
0.025657	0	0	0	0	0	0
0.055761	0	0	0	0	0	0
0.036218	0	0	0	0	0	0
0.023417	0	0	0	0	0	0
0.048879	0	0	0	0	0	0
0.038267	0	0	0	0	0	0
0.036572	0	0	0	0	0	0
0.034189	0	0	0	0	0	0
0.049146	0	0	0	0	0	0
0.028935	0	0	0	0	0	0
0.050138	0	0	0	0	0	0
0.205963	0	0	0	0	0	0

0.053793	0	0	0	0	0	0
0.031255	0	0	0	0	0	0
0.062474	0	0	0	0	0	0
0.339782	0	0	0	0	0	0
0.062161	0	0	0	0	0	0
0.034781	0	0	0	0	0	0
0.037937	0	0	0	0	0	0
0.082083	0	0	0	0	0	0
0.098921	0	0	0	0	0	0
0.019905	0	0	0	0	0	0
0.034839	0	0	0	0	0	0
0.055892	0	0	0	0	0	0
0.027793	0	0	0	0	0	0
0.008876	0	0	0	0	0	0
0.006354	0	0	0	0	0	0
0.006192	0	0	0	0	0	0
0.016783	0	0	0	0	0	0
0.018893	0	0	0	0	0	0
0.008655	0	0	0	0	0	0
0.017925	0	0	0	0	0	0
0.008703	0	0	0	0	0	0
0.013747	0	0	0	0	0	0
0.006764	0	0	0	0	0	0
0.0078	0	0	0	0	0	0
0.02643	0	0	0	0	0	0
0.009694	0	0	0	0	0	0
0.012706	0	0	0	0	0	0
0.013492	0	0	0	0	0	0
0.019525	0	0	0	0	0	0
0.040445	0.08	0	0	0	0	0
0.050692	0	0	0	0	0	0
0.020967	0	0	0	0	0	0
0.011258	0	0	0	0	0	0
0.039227	0	0	0	0	0	0
0.011073	0	0	0	0	0	0
0.010561	0	0	0	0	0	0
0.017323	0	0	0	0	0	0
0.024662	0	0	0	0	0	0
0.05513	0	0	0	0	0	0
0.046157	0	0	0	0	0	0
0.021253	0	0	0	0	0	0
0.015534	0	0	0	0	0	0
0.046731	0	0	0	0	0	0
0.014769	0	0	0	0	0	0
0.013783	0	0	0	0	0	0
0.030098	0	0	0	0	0	0
0.011445	0	0	0	0	0	0
0.012337	0	0	0	0	0	0
0.013666	0	0	0	0	0	0
0.014181	0	0	0	0	0	0

0.075544	0	0	0	0	0	0
0.001294	0	0	0	0	0	0
0.006858	0	0	0	0	0	0
0.001265	0	0	0	0	0	0
0.002178	0	0	0	0	0	0
0.001133	0	0	0	0	0	0
0.002167	0	0	0	0	0	0
0.002432	0	0	0	0	0	0
0.001346	0	0	0	0	0	0
0.010189	0	7	0	0	0	7
0.012646	0	0	0	0	0	0
0.003126	0	0	0	0	9	9
0.002639	0	9	0	0	0	9
0.007511	0	0	0	0	0	0
0.002392	0	0	0	0	0	0
0.030201	0	0	0	0	0	0
0.008736	0	0	0	0	0	0
0.008584	0	0	0	0	0	0
0.005773	0	0	0	0	0	0
0.006666	0	0	0	0	0	0
0.004842	0	0	0	0	0	0
0.010931	0	0	0	0	0	0
0.006191	0	0	0	0	7	7
0.499901	0	0	0	0	0	0
0.047112	0	0	0	0	0	0
0.065802	0	0	0	0	0	0
0.036232	0	0	0	0	0	0
0.042369	0	0	0	0	0	0
0.041403	0	0	0	0	0	0
0.038162	0	0	0	0	0	0
0.032068	0	0	0	0	0	0
0.030142	0	0	0	0	0	0
0.048062	0	0	0	0	0	0
0.027949	0	0	0	0	0	0
0.054429	0	0	0	0	0	0
0.054278	0	0	0	0	0	0
0.051114	0	0	0	0	0	0
0.067703	0	0	0	0	0	0
0.055381	0	0	0	0	0	0
0.044045	0	0	0	0	0	0
0.002379	0	0	0	0	2	2
0.002392	0	2	0	0	0	2
0.002304	0	0	0	0	0	0
0.001571	0	0	0	0	0	0
0.003103	0	0	0	0	0	0
0.011258	0	0	0	0	0	0
0.002487	0	0	0	0	0	0
0.005118	0	0	0	0	0	0
0.000684	0	0	0	0	0	0
0.000487	0	0	0	0	0	0

0.000527	0	0	0	0	0	0
0.000646	0	0	0	0	0	0
0.000335	0	0	0	0	0	0
0.00209	0	0	0	0	0	0
0.00199	0	0	0	0	0	0
0.0311	0.11	0	0	0	0	0
0.162972	0	0	0	0	0	0
0.080697	0	0	0	0	0	0
0.120216	0	0	0	0	0	0
0.196745	0	0	0	0	0	0
0.099832	0	0	0	0	0	0
0.048538	0	0	0	0	0	0
0.324639	0	0	0	0	0	0
0.00188	0	0	0	0	0	0
0.716705	0.12	0	0	0	0	0
0.024889	0	0	0	0	0	0
0.020592	0	0	1	1	0	2
0.013999	0	0	0	0	0	0
0.021597	0	0	0	0	0	0
0.027777	0	0	0	0	0	0
0.017573	0	0	0	0	0	0
0.010247	0	0	0	0	0	0
0.305216	0.01	0	0	0	0	0
0.755395	0	0	0	0	0	0
0.09392	0.21	0	0	0	0	0
0.108188	0	0	0	0	0	0
0.124865	0.01	0	0	0	0	0
0.058353	0	0	0	0	0	0
0.048732	0	0	0	0	0	0
0.034426	0	0	0	0	0	0
0.054515	0	0	0	0	0	0
0.031403	0	0	0	0	0	0
0.046908	0	0	0	0	0	0
0.046161	0	0	0	0	0	0
0.019194	0	0	0	0	0	0
0.101198	0	0	0	0	0	0
0.081071	0	0	0	0	0	0
0.187265	0	0	0	0	0	0
0.105792	0	0	0	0	0	0
0.041927	0	0	0	0	0	0
0.01552	0	0	0	0	0	0
0.014698	0	0	0	0	0	0
0.067836	0	0	0	0	0	0
0.057507	0	0	0	0	0	0
0.025648	0	0	0	0	0	0
0.029875	0	0	0	0	0	0
0.0422	0	0	0	0	0	0
0.038511	0	0	0	0	0	0
0.042392	0	0	0	0	0	0
0.045439	0	0	0	0	0	0

0.047801	0	0	0	0	0	0
0.038288	0	0	0	0	0	0
0.066284	0	0	0	0	0	0
0.044591	0	0	0	0	0	0
0.273643	0	0	0	0	0	0
0.300355	0	0	0	0	0	0
0.050239	0	0	0	0	0	0
0.048362	0	0	0	0	0	0
0.072589	0	0	0	0	0	0
0.033058	0	0	0	0	0	0
0.071108	0	0	0	0	0	0
0.04111	0	0	0	0	0	0
0.063788	0	0	0	0	0	0
0.059469	0	0	0	0	0	0
0.040355	0	0	0	0	0	0
0.056856	0	0	0	0	0	0
0.038769	0	0	0	0	0	0
0.039891	0	0	0	0	0	0
0.049534	0	0	0	0	0	0
0.05748	0	0	0	0	0	0
0.967996	0	0	0	0	0	0
0.068426	0	0	0	0	0	0
0.055014	0	0	0	0	0	0
0.289563	0.07	0	0	0	0	0
0.054997	0	0	0	0	0	0
0.021236	0	0	0	0	0	0
0.027192	0	0	0	0	0	0
0.022077	0	0	0	0	0	0
0.023415	0	0	0	0	0	0
0.050492	0	0	0	0	0	0
0.043078	0	0	0	0	0	0
0.027944	0	0	0	0	0	0
0.0574	0	0	0	0	0	0
0.054407	0	0	0	0	0	0
0.002104	0	0	0	0	0	0
0.002751	0	0	0	0	0	0
0.00289	0	0	0	0	0	0
0.019667	0	0	0	0	0	0
0.026296	0	0	0	0	0	0
0.018146	0	0	0	0	0	0
0.007297	0	0	0	0	0	0
0.013423	0.05	0	0	0	0	0
0.038729	0	0	0	0	0	0
0.025148	0	0	0	0	0	0
0.015154	0	0	0	0	0	0
0.029712	0	0	0	0	0	0
0.017372	0	0	0	0	0	0
0.746286	0	0	0	0	0	0
0.021009	0	0	0	0	0	0
0.069709	0	0	0	0	0	0



0.016583	0	0	0	0	0	0
0.032069	0	0	0	0	0	0
0.016399	0	0	0	0	0	0
0.012999	0	0	0	0	0	0
0.016886	0	0	0	0	0	0
0.014991	0	0	0	0	0	0
0.053135	0	0	0	0	0	0
0.137706	0	0	0	0	0	0
0.576841	0	0	0	0	0	0
0.140479	0	0	0	0	0	0
0.18214	0.03	0	0	0	0	0
0.591744	0	0	4	4	0	8
0.674894	0	0	5	0	0	5
0.076707	0	0	0	0	0	0
0.083042	0	0	0	7	0	7
0.013849	0	6	0	0	0	6
0.010539	0	0	0	0	0	0
0.060354	0	0	0	0	0	0
0.026195	0	0	0	0	0	0
0.007935	0	0	0	0	0	0
0.005951	0	0	0	0	0	0
0.00612	0	0	0	0	0	0
0.005224	0	0	0	0	0	0
0.005037	0	0	0	0	0	0
0.01263	0	0	0	0	0	0
0.046933	0	0	0	0	0	0
0.010413	0	0	0	0	0	0
0.010244	0	0	0	0	0	0
0.013136	0	0	0	0	0	0
0.012654	0	0	0	0	0	0
0.01069	0	0	0	0	0	0
0.008458	0	0	0	0	0	0
0.005988	0	0	0	0	0	0
0.0368	0	0	5	5	0	10
0.056076	0	0	0	0	6	6
0.018493	0	0	0	0	0	0
0.010112	0	0	0	0	0	0
0.004986	0	0	0	0	0	0
0.004737	0	0	0	0	0	0
0.007093	0	0	0	0	0	0
0.007646	0	0	0	0	0	0
0.010059	0	0	0	0	0	0
0.013407	0	0	0	0	0	0
0.00914	0	0	0	0	0	0
0.007906	0	0	0	0	0	0
0.030735	0	0	0	0	0	0
0.009314	0	0	0	0	0	0
0.007374	0	0	0	0	0	0
0.042199	0	0	0	0	0	0
0.357766	0	0	0	0	0	0

0.263615	0	0	0	0	0	0
0.159281	0	0	0	0	0	0
0.183062	0	0	0	0	0	0
0.09546	0.3	0	0	0	0	0
0.024772	0	0	0	0	0	0
0.019751	0	0	0	0	8	8
0.164219	0	8	0	0	0	8
0.046889	0	0	0	0	0	0
0.097064	0	0	0	0	0	0
0.021263	0	0	0	0	0	0
0.019522	0	0	0	0	0	0
0.019495	0	0	0	0	0	0
0.043092	0	0	0	0	0	0
0.010805	0	0	0	0	0	0
0.008402	0	0	0	0	0	0
0.100676	0	0	0	0	1	1
0.011505	0	1	0	0	0	1
0.069718	0	0	0	0	0	0
0.055959	0	0	0	0	0	0
0.054104	0	0	0	0	0	0
0.051562	0	0	0	0	0	0
0.070117	0	0	0	0	0	0
0.076263	0	0	0	0	0	0
0.058882	0	0	0	0	0	0
0.059369	0	0	0	0	0	0
0.023661	0	0	0	0	0	0
0.034325	0	0	0	0	0	0
0.030313	0	0	0	0	0	0
0.033276	0	0	0	0	0	0
0.075044	0	0	0	0	0	0
0.090076	0	0	0	0	0	0
0.067703	0	0	0	0	0	0
0.034644	0	0	0	0	0	0
0.048774	0	0	0	0	0	0
0.054955	0	0	0	0	0	0
0.056048	0	0	0	0	0	0
0.035827	0	0	0	0	0	0
0.040167	0	0	0	0	0	0
0.037179	0	0	0	0	0	0
0.034725	0	0	0	0	0	0
0.046619	0	0	0	0	0	0
0.069469	0	0	0	0	0	0
0.044284	0	0	0	0	0	0
0.054867	0	0	0	0	0	0
0.044411	0	0	0	0	0	0
0.043922	0	0	0	0	0	0
0.051372	0	0	0	0	0	0
0.088969	0	0	0	0	0	0
0.02982	0	0	0	0	0	0
0.061395	0	0	0	0	0	0

0.036773	0	0	0	0	0	0
0.026599	0	0	0	0	0	0
0.036154	0	0	0	0	0	0
0.072051	0	0	0	0	0	0
0.048559	0	0	0	0	0	0
0.061701	0	0	0	0	0	0
0.060721	0	0	0	0	0	0
0.068947	0	0	0	0	0	0
0.040829	0	0	0	0	0	0
0.038853	0	0	0	0	0	0
0.017474	0	0	0	0	0	0
0.019611	0	0	0	0	0	0
0.045276	0	0	0	0	0	0
0.028519	0	0	0	0	0	0
0.249408	0	0	0	0	0	0
0.019247	0	0	0	0	0	0
0.015587	0	0	0	0	0	0
0.028963	0	0	0	0	0	0
0.013125	0	0	0	0	0	0
0.004345	0	0	0	0	0	0
0.033103	0	0	0	0	0	0
0.086435	0	0	0	0	0	0
0.038088	0	0	0	0	0	0
0.024921	0	0	0	0	0	0
0.034536	0	0	0	0	0	0
0.043883	0	0	0	0	0	0
0.025717	0	0	0	0	0	0
0.023503	0	0	0	0	0	0
0.146148	0	0	0	0	0	0
0.505191	0	0	0	0	0	0
0.088546	0	0	0	0	0	0
0.16669	0	0	0	0	0	0
0.058798	0	0	0	0	0	0
0.099237	0	0	0	0	0	0
0.063169	0	0	0	0	0	0
0.042659	0	0	0	0	0	0
0.053908	0	0	0	0	0	0
0.087102	0	0	0	0	0	0
0.075945	0	0	0	0	0	0
0.07036	0	0	0	0	0	0
0.032671	0	0	0	0	0	0
0.037621	0	0	0	0	0	0
0.079574	0	0	0	0	0	0
0.219302	0	0	0	0	0	0
0.093617	0	0	0	0	0	0
0.045015	0	0	0	0	0	0
0.060284	0	0	0	0	0	0
0.157555	0	0	0	0	0	0
0.06363	0	0	0	0	0	0
0.141609	0	0	0	0	0	0

0.035867	0	0	0	0	0	0
0.096455	0	0	0	0	0	0
0.083398	0	0	0	0	0	0
0.044733	0	0	0	0	0	0
0.072982	0	0	0	0	0	0
0.370051	0	0	0	0	0	0
0.326017	0	0	0	0	0	0
0.016313	0	0	0	0	0	0
0.187553	0	0	0	0	0	0
0.09284	0	0	0	0	0	0
0.052937	0	0	0	0	0	0
0.054042	0	0	0	0	0	0
0.096301	0	0	0	0	0	0
0.034276	0	0	0	0	0	0
0.029142	0	0	0	0	0	0
0.054861	0	0	0	0	0	0
0.066616	0	0	0	0	0	0
0.045948	0	0	0	0	0	0
0.028282	0	0	0	0	0	0
0.026619	0	0	0	0	0	0
0.072543	0	0	0	0	0	0
0.041211	0	0	0	0	0	0
0.070157	0	0	0	0	0	0
0.266335	0	0	0	0	0	0
0.026833	0	0	0	0	0	0
0.031437	0	0	0	0	0	0
0.021086	0	0	0	0	0	0
0.010314	0	0	0	0	0	0
0.020803	0	0	0	0	0	0
0.036719	0	0	0	0	0	0
0.060991	0	0	0	0	0	0
0.046507	0	0	0	0	0	0
0.021222	0	0	0	0	0	0
0.081973	0	0	0	0	0	0
0.029422	0	0	0	0	0	0
0.040708	0	0	0	0	0	0
0.026524	0	0	0	0	0	0
0.027596	0	0	0	0	0	0
0.037254	0	0	0	0	0	0
0.013505	0	0	0	0	0	0
0.063921	0	0	0	0	0	0
0.046761	0	0	0	0	0	0
0.111329	0	0	0	0	0	0
0.052955	0	0	0	0	0	0
0.020106	0	0	0	0	0	0
0.058274	0	0	0	0	0	0
0.02484	0	0	0	0	0	0
0.031793	0	0	0	0	0	0
0.043942	0	0	0	0	0	0
0.362733	0	0	0	0	0	0

0.267455	0	0	0	0	0	0
0.00061	0	0	0	0	0	0
0.000415	0	0	0	0	0	0
0.000732	0	0	0	0	0	0
0.000717	0	0	0	0	0	0
0.000711	0	0	0	0	0	0
0.000602	0	0	0	0	0	0
0.000631	0	0	0	0	0	0
0.000713	0	0	0	0	0	0
0.002385	0	0	6	0	0	6
0.000608	0	0	0	0	0	0
0.001084	0	0	0	0	0	0
0.00017	0	0	0	0	0	0
0.003739	0	0	0	0	0	0
0.000403	0	0	0	0	0	0
0.000208	0	0	0	0	0	0
0.000507	0	0	0	0	0	0
0.000986	0	0	0	0	2	2
0.005036	0	2	0	0	0	2
0.012001	0	0	0	0	0	0
0.014577	0	0	0	0	0	0
0.000826	0	0	0	0	0	0
0.000674	0	0	0	0	0	0
0.0001	0	0	0	0	0	0
0.001324	0	0	0	0	0	0
0.000869	0	0	0	0	0	0
0.000036	0	0	0	0	0	0
0.001302	0	0	0	0	0	0
0.009369	0	0	0	0	0	0
0.006411	0	0	0	0	0	0
0.002909	0	0	0	0	0	0
0.002797	0	0	0	0	0	0
0.002072	0	0	0	0	0	0
0.001356	0	0	0	0	0	0
0.003025	0	0	0	0	0	0
0.0011	0	0	0	0	0	0
0.038031	0	0	0	0	0	0
0.051494	0	0	0	0	0	0
0.237669	0.08	0	0	0	0	0
0.104962	0.16	0	0	0	0	0
0.009873	0	0	0	0	0	0
0.177935	0.08	0	0	0	0	0
0.013869	0	0	0	0	0	0
0.037788	0	0	0	0	0	0
0.00749	0	0	0	0	0	0
0.034593	0	0	0	0	0	0
0.023637	0	0	0	0	0	0
0.027594	0	0	0	0	0	0
0.017714	0	0	0	0	0	0
0.018688	0	0	0	0	0	0

0.014875	0	0	0	0	0	0
0.049394	0.02	0	0	0	0	0
0.003003	0	0	0	0	0	0
0.003849	0	0	0	0	0	0
0.003592	0	0	0	0	0	0
0.002392	0	0	0	0	0	0
0.055375	0.05	0	0	0	0	0
0.078565	0.08	0	0	0	0	0
0.00341	0	0	0	0	0	0
0.004688	0	0	0	0	0	0
0.003418	0	0	0	0	0	0
0.001572	0	0	0	0	0	0
0.005232	0	0	0	0	0	0
0.013667	0	0	0	0	0	0
0.017744	0	0	0	0	0	0
0.007728	0	0	0	0	0	0
0.027807	0	0	0	0	0	0
0.048056	0	0	0	0	0	0
0.038905	0	0	0	0	0	0
0.062676	0.09	0	0	0	0	0
0.036983	0	0	0	0	0	0
0.082053	0	0	0	0	0	0
0.0031	0	0	0	0	0	0
0.01135	0	0	0	0	0	0
0.010708	0	0	0	0	0	0
0.001586	0	0	0	0	0	0
0.007929	0	0	0	0	0	0
0.005032	0	0	0	0	0	0
0.007403	0	0	0	0	0	0
0.005249	0	0	0	0	0	0
0.007173	0	0	0	0	0	0
0.009252	0	0	0	0	0	0
0.037615	0	0	0	0	3	3
0.014103	0	3	0	0	0	3
0.005657	0	0	0	0	0	0
0.005921	0	0	0	0	0	0
0.006566	0	0	0	0	0	0
0.270769	0.03	0	0	0	0	0
0.02987	0	0	0	0	0	0
0.062316	0	0	0	0	0	0
0.038898	0	0	0	0	0	0
0.093122	0	0	0	0	0	0
0.048441	0	0	0	0	0	0
0.058777	0	0	0	0	0	0
0.068988	0	0	0	0	0	0
0.081757	0	0	0	0	0	0
0.068292	0	0	0	0	0	0
0.230115	0	0	0	0	0	0
0.073088	0	0	0	0	0	0
0.03068	0	0	0	0	0	0

0.016129	0	0	0	0	0	0
0.002847	0	0	0	0	0	0
0.022558	0	0	0	0	0	0
0.015729	0	0	0	0	0	0
0.014278	0	0	0	0	0	0
0.019307	0	0	0	0	0	0
0.016743	0	0	0	0	0	0
0.014107	0	0	0	0	0	0
0.025276	0	0	0	0	0	0
0.010786	0	0	0	0	0	0
0.009118	0	0	0	0	0	0
0.017044	0	0	0	0	0	0
0.023336	0	0	0	0	0	0
0.030453	0	0	0	0	0	0
0.018152	0	0	0	0	0	0
0.023811	0	0	0	0	0	0
0.023847	0	0	0	0	0	0
0.030286	0	0	0	0	0	0
0.083118	0	0	0	0	0	0
0.011807	0	0	0	0	0	0
0.008186	0	0	0	0	0	0
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0.024927	0	0	0	0	0	0
0.032465	0	0	0	0	0	0
0.02335	0	0	0	0	0	0
0.022972	0	0	0	0	0	0
0.021535	0	0	0	0	0	0
0.044013	0	0	0	0	0	0
0.015985	0	0	0	0	0	0
0.010699	0	0	0	0	0	0
0.021859	0	0	0	0	0	0
0.047298	0	0	0	0	0	0
0.010715	0	0	0	0	0	0
0.04111	0	0	0	0	0	0
0.024563	0	0	0	0	0	0
0.038437	0	0	0	0	0	0
0.054303	0	0	0	0	0	0
0.05736	0	0	0	0	0	0
0.003167	0	0	0	0	0	0
0.005805	0	0	0	0	0	0
0.003268	0	0	0	0	0	0
0.001314	0	0	0	0	0	0
0.032461	0	0	0	0	0	0
0.016532	0	0	0	0	0	0
0.011643	0	0	0	0	0	0
0.009742	0	0	0	0	0	0
0.01581	0	0	0	0	0	0
0.01283	0	0	0	0	0	0
0.023022	0	0	0	0	0	0
0.023294	0	0	0	0	0	0

0.019065	0	0	0	0	0	0
0.017194	0	0	0	0	0	0
0.01955	0	0	0	0	0	0
0.016088	0	0	0	0	0	0
0.008742	0	0	0	0	0	0
0.001046	0	0	0	0	0	0
0.070064	0	0	0	0	0	0
0.910665	0.01	0	0	0	0	0
0.134035	0	0	0	0	0	0
0.06817	0	0	0	0	0	0
0.022441	0	0	0	0	0	0
0.031777	0	0	0	0	0	0
0.004636	0	0	0	0	0	0
0.090873	0	0	0	0	0	0
0.028134	0	0	0	0	0	0
0.188045	0	0	0	0	11	11
0.430274	0	0	0	0	0	0
0.068287	0	0	0	0	0	0
0.652215	0	0	0	0	0	0
0.147509	0	0	0	0	0	0
0.050684	0	0	0	0	0	0
0.03683	0	0	0	0	0	0
0.035783	0	0	0	0	0	0
0.01644	0	0	0	0	0	0
0.031928	0	0	0	0	0	0
0.046416	0	0	0	0	0	0
0.042574	0	0	0	0	0	0
0.027011	0	0	0	0	0	0
0.034541	0	0	0	0	0	0
0.029381	0	0	0	0	0	0
0.022483	0	0	0	0	0	0
0.022041	0	0	0	0	0	0
0.064143	0	0	0	0	0	0
0.099623	0	0	0	0	0	0
0.021518	0	0	0	0	0	0
0.030643	0	0	0	0	0	0
0.017681	0	0	0	0	0	0
0.029394	0	0	0	0	0	0
0.017938	0	0	0	0	0	0
0.012235	0	0	0	0	0	0
0.032131	0	0	0	0	0	0
0.058399	0	0	0	0	0	0
0.053841	0	0	0	0	0	0
0.072368	0	0	0	0	0	0
0.012356	0	0	0	0	0	0
0.051328	0	0	0	0	0	0
0.05806	0	0	0	0	0	0
0.030321	0	0	0	0	0	0
0.123907	0	0	0	0	0	0
0.057677	0	0	0	0	0	0



0.055876	0	0	0	0	0	0
0.046274	0	0	0	0	0	0
0.051844	0	0	0	0	0	0
0.014239	0	0	0	0	0	0
0.012403	0	0	0	0	0	0
0.012991	0	0	0	0	0	0
0.084765	0	0	0	0	0	0
0.015016	0	0	0	0	0	0
0.037102	0	0	0	0	0	0
0.035771	0	0	0	0	0	0
0.026822	0	0	0	0	0	0
0.056672	0	0	0	0	0	0
0.019987	0	0	0	0	0	0
0.021717	0	0	0	0	0	0
0.157771	0	0	0	0	0	0
0.086698	0	0	0	0	0	0
0.009116	0	0	0	0	0	0
0.014374	0	0	0	0	0	0
0.030621	0	0	0	0	0	0
0.013222	0	0	0	0	0	0
0.037891	0	0	0	0	0	0
0.08937	0	0	0	0	0	0
0.012335	0	0	0	0	0	0
0.01795	0	0	0	0	0	0
0.063474	0	0	0	0	0	0
0.023167	0	0	0	0	0	0
0.099204	0	0	0	0	0	0
0.046219	0	0	0	0	0	0
0.069419	0	0	0	0	0	0
0.118672	0	0	0	0	0	0
0.038906	0	0	0	0	0	0
0.028162	0	0	0	0	0	0
0.023526	0	0	0	0	0	0
0.0378	0	0	0	0	0	0
0.090532	0	2	1	3	0	6
0.011509	0	0	0	0	0	0
0.004072	0	0	0	0	0	0
0.005062	0	0	0	0	0	0
0.014688	0	0	0	0	0	0
0.004473	0	0	0	0	0	0
0.016914	0	0	0	0	12	12
0.004049	0	0	0	0	0	0
0.002804	0	0	0	0	0	0
0.005901	0	0	0	0	0	0
0.003118	0	0	0	0	0	0
0.014374	0	12	0	0	0	12
0.010156	0	0	0	0	0	0
0.020163	0	0	0	0	0	0
0.009882	0	0	0	0	0	0
0.009287	0	0	0	0	0	0

0.00892	0	0	0	0	0	0
0.019725	0	0	0	0	0	0
0.07645	0	0	0	0	0	0
0.015352	0	0	0	0	0	0
0.020042	0	0	0	0	0	0
0.017716	0	0	0	0	0	0
0.027482	0	0	0	0	0	0
0.059805	0	0	0	0	0	0
0.013395	0	0	0	0	0	0
0.045131	0	0	0	0	0	0
0.009441	0	0	0	0	0	0
0.010206	0	0	0	0	0	0
0.027291	0	0	0	0	0	0
0.020571	0	0	0	0	0	0
0.027659	0	0	0	0	0	0
0.012396	0	0	0	0	0	0
0.004245	0	0	0	0	0	0
0.00749	0	0	0	0	0	0
0.00871	0	0	0	0	0	0
0.007457	0	0	0	0	0	0
0.007892	0	0	0	0	0	0
0.00893	0	0	0	0	0	0
0.00611	0	0	0	0	0	0
0.006598	0	0	0	0	0	0
0.005878	0	0	0	0	0	0
0.008359	0	0	0	0	0	0
0.006989	0	0	0	0	0	0
0.258398	0.06	0	0	0	0	0
0.018565	0	0	0	0	0	0
0.008613	0	0	0	0	0	0
0.016335	0	0	0	0	0	0
0.009253	0	0	0	0	0	0
0.023824	0	0	0	0	0	0
0.010399	0	0	0	0	0	0
0.017422	0	0	0	0	0	0
0.095672	0	0	0	0	0	0
0.056684	0	0	0	0	0	0
0.144208	0	0	3	0	0	3
0.057115	0	0	0	0	0	0
0.03505	0	0	0	0	0	0
0.026659	0	0	0	0	0	0
0.057274	0	0	0	0	0	0
0.031143	0	0	0	0	0	0
0.122958	0	0	0	0	0	0
0.00739	0	0	0	0	0	0
0.008416	0	0	0	0	0	0
0.024613	0	0	0	0	0	0
0.01038	0	0	0	0	0	0
0.015132	0	0	0	0	0	0
0.012157	0	0	0	0	0	0

0.007309	0	0	0	0	0	0
0.002949	0	0	0	0	0	0
0.693679	0	0	0	0	0	0
0.011213	0	0	0	0	0	0
0.016509	0	0	0	0	0	0
0.005529	0	0	0	0	0	0
0.006495	0	0	0	0	0	0
0.013404	0.03	0	0	0	0	0
0.021488	0	0	0	0	0	0
0.01959	0	0	0	0	0	0
0.046107	0	0	0	0	0	0
0.01782	0	0	0	0	0	0
0.01577	0	0	0	0	0	0
0.065192	0	0	0	0	0	0
0.092551	0	0	0	0	0	0
0.026427	0	0	0	0	0	0
0.017747	0	0	0	0	0	0
0.085021	0	0	0	0	0	0
0.047515	0	0	0	0	0	0
0.033402	0	0	0	0	0	0
0.225677	0.08	0	0	0	0	0
0.022658	0	0	0	0	0	0
0.054781	0	0	0	0	0	0
0.053714	0	0	0	0	0	0
0.053445	0	0	0	0	0	0
0.049644	0	0	0	0	0	0
0.095509	0	0	0	0	0	0
0.066029	0	0	0	0	0	0
0.061308	0	0	0	0	0	0
0.018351	0	0	0	0	0	0
0.026059	0	0	0	0	0	0
0.11021	0	0	0	0	0	0
0.03331	0	0	0	0	0	0
0.031176	0	0	0	0	0	0
0.036313	0	0	0	0	0	0
0.035707	0	0	0	0	0	0
0.043383	0	0	0	0	0	0
0.067686	0	0	0	0	0	0
0.102897	0	0	0	0	0	0
0.043129	0	0	0	0	0	0
0.03318	0	0	0	0	0	0
0.05128	0	0	0	0	0	0
0.015266	0	0	0	6	0	6
0.000723	0	0	0	0	0	0
0.001023	0	0	0	0	0	0
0.000831	0	0	0	0	0	0
0.06609	0	0	0	0	0	0
0.020049	0	0	0	0	0	0
0.015467	0	0	0	0	0	0
0.025331	0	0	0	0	0	0

0.030059	0	0	0	0	0	0
0.052151	0	0	0	0	0	0
0.031469	0	0	0	0	0	0
0.012347	0	0	0	0	0	0
0.048014	0	0	0	0	0	0
0.066651	0	0	0	0	0	0
0.033771	0	0	0	0	0	0
0.041398	0	0	0	0	0	0
0.050757	0	0	0	0	0	0
0.05225	0	0	0	0	0	0
0.072432	0	0	0	0	0	0
0.029585	0	0	0	0	0	0
0.042071	0	0	0	0	0	0
0.081745	0	0	0	0	0	0
0.025361	0	0	0	0	0	0
0.041956	0	0	0	0	0	0
0.040102	0	0	0	0	0	0
0.033444	0	0	0	0	0	0
0.036099	0	0	0	0	0	0
0.0757	0	0	0	0	0	0
0.121077	0	0	0	0	0	0
0.025973	0	0	0	0	0	0
0.041703	0	0	0	0	0	0
0.052229	0	0	0	0	0	0
0.071531	0	0	0	0	0	0
0.144895	0	0	0	0	0	0
0.130152	0	0	0	0	0	0
0.051967	0	0	0	0	0	0
0.155573	0	0	0	0	0	0
0.065008	0	0	0	0	0	0
0.255818	0	0	0	0	0	0
0.165131	0	0	0	0	0	0
0.258867	0	0	0	0	0	0
0.030452	0	0	0	0	0	0
0.029709	0	0	0	0	0	0
0.026249	0	0	0	0	0	0
0.007351	0	0	0	0	0	0
0.01117	0	0	0	0	0	0
0.091834	0	0	0	0	0	0
0.068705	0	0	0	0	0	0
0.126064	0	0	0	0	0	0
0.110415	0	0	0	0	0	0
0.048298	0.02	0	0	0	0	0
0.03667	0	0	0	0	0	0
0.038683	0	0	0	0	0	0
0.028432	0	0	0	0	0	0
0.164168	0	0	0	0	0	0
0.084472	0	0	0	0	0	0
0.023969	0	0	0	0	0	0
0.022925	0	0	0	0	0	0

0.030847	0	0	0	0	0	0
0.015678	0	0	0	0	0	0
0.01551	0	0	0	0	0	0
0.228283	0.12	0	0	0	0	0
0.011729	0	0	0	0	0	0
0.052292	0	0	0	0	0	0
0.020129	0	0	0	0	0	0
0.604916	0	0	0	0	0	0
0.036234	0	0	0	0	0	0
0.029938	0	0	0	0	0	0
0.034409	0	0	0	0	0	0
0.03917	0	0	0	0	0	0
0.035844	0	0	0	0	0	0
0.038326	0	0	0	0	0	0
0.024986	0	0	0	0	0	0
0.740854	0	2	0	0	0	2
0.852046	0.06	0	0	0	0	0
0.902333	0.07	0	0	0	0	0
0.83443	0	0	0	0	0	0
0.54079	0	0	0	0	0	0
0.946667	0	0	0	0	0	0
0.048188	0	0	0	0	0	0
0.041367	0	0	0	0	0	0
0.036105	0	0	0	0	0	0
0.052069	0	0	0	0	0	0
0.675466	0	0	0	0	0	0
0.054474	0	0	0	0	0	0
0.063605	0	0	0	0	0	0
0.163864	0	0	0	0	0	0
0.083495	0	0	0	0	0	0
0.081202	0	0	0	0	0	0
0.638017	0.15	0	0	0	0	0
0.279102	0	0	0	0	0	0
0.154584	0	0	0	0	0	0
0.117115	0	0	0	0	0	0
0.036521	0	0	0	0	0	0
0.337466	0.11	0	0	0	0	0
0.047044	0	0	0	0	0	0
0.074343	0	0	0	0	0	0
0.030402	0	0	0	0	0	0
0.055088	0	0	0	0	0	0
0.034892	0	0	0	0	0	0
0.025408	0	0	0	0	0	0
0.038383	0	0	0	0	0	0
0.02424	0	0	0	0	0	0
0.092414	0	0	0	0	0	0
0.305367	0	0	0	0	0	0
0.02579	0	0	0	0	0	0
0.051891	0	0	0	0	0	0
0.1032	0	0	0	0	0	0

0.036291	0	0	0	0	0	0
0.117242	0	0	0	0	0	0
0.198657	0.18	0	0	0	0	0
0.025488	0	0	0	0	0	0
0.953302	0	0	0	0	0	0
0.139338	0	0	0	0	0	0
0.644631	0	0	0	0	0	0
0.234074	0	0	0	0	0	0
0.9666	0	0	0	0	0	0
0.982155	0	0	0	0	0	0
0.758488	0	0	0	0	0	0
0.373793	0	0	0	0	0	0
0.043427	0	0	0	0	0	0
0.069839	0	0	0	0	0	0
0.074669	0	0	0	0	0	0
0.024009	0	0	0	0	0	0
0.030863	0	0	0	0	0	0
0.031835	0	0	0	0	0	0
0.052977	0	0	0	0	0	0
0.156629	0	0	0	0	0	0
0.029089	0	0	0	0	0	0
0.024255	0	0	0	0	0	0
0.021266	0	0	0	0	0	0
0.010778	0	0	0	0	0	0
0.127439	0	0	0	0	0	0
0.021723	0	0	0	0	0	0
0.012811	0	0	0	0	0	0
0.012787	0	0	0	0	0	0
0.009729	0	0	0	0	0	0
0.009447	0	0	0	0	0	0
0.010369	0	0	0	0	0	0
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0.015664	0	0	0	0	0	0
0.175156	0	0	0	0	0	0
0.0373	0	0	0	0	0	0
0.153246	0	0	0	0	0	0
0.040502	0	0	0	0	0	0
0.278607	0	0	0	0	0	0
0.032454	0	0	0	0	0	0
0.07878	0	0	0	0	0	0
0.003105	0	0	0	0	0	0
0.002407	0	0	0	0	0	0
0.004634	0	0	0	0	0	0
0.009456	0	0	0	0	0	0
0.005567	0	0	0	0	0	0
0.009402	0	0	0	0	0	0
0.00423	0	0	0	0	0	0
0.002561	0	0	0	0	0	0
0.003565	0	0	0	0	0	0
0.008117	0	0	0	0	0	0

0.02389	0	0	0	0	0	0
0.006471	0	0	0	0	0	0
0.028449	0	0	0	0	0	0
0.053042	0	0	0	0	0	0
0.30992	0.03	0	0	0	0	0
0.325894	0.01	0	0	0	0	0
0.169227	0	0	0	0	0	0
0.153937	0.08	0	0	0	0	0
0.372575	0	0	0	0	0	0
0.055411	0	0	0	0	0	0
0.0213	0	0	0	0	0	0
0.08503	0	0	0	0	0	0
0.017263	0	0	0	0	0	0
0.036886	0	0	0	0	0	0
0.074877	0	0	0	0	0	0
0.022849	0	0	0	0	0	0
0.935382	0	0	0	0	0	0
0.956714	0	0	0	0	0	0
0.980806	0	0	0	0	0	0
0.932661	0	0	0	0	0	0
0.981608	0	0	0	0	0	0
0.008056	0	0	0	0	0	0
0.004957	0	0	0	0	0	0
0.008474	0	0	0	0	0	0
0.012695	0	0	0	0	0	0
0.005456	0	0	0	0	0	0
0.003742	0	0	0	0	0	0
0.005541	0	0	0	0	0	0
0.005497	0	0	0	0	0	0
0.008352	0	0	0	0	0	0
0.004617	0	0	0	0	0	0
0.004342	0	0	0	0	0	0
0.14205	0	0	0	0	0	0
0.02491	0	0	0	0	0	0
0.004233	0	0	0	0	0	0
0.003668	0	0	0	0	0	0
0.006552	0	0	0	0	0	0
0.005646	0	0	0	0	0	0
0.078581	0	0	0	0	0	0
0.3744	0.01	0	0	0	0	0
0.494288	0	2	0	0	0	2
0.239609	0	0	0	0	0	0
0.098938	0	0	0	0	0	0
0.146953	0	0	0	0	0	0
0.348298	0	0	0	0	0	0
0.086809	0	0	0	0	0	0
0.031334	0	0	0	0	0	0
0.043427	0	0	0	0	0	0
0.121209	0	0	0	0	0	0
0.036892	0	0	0	0	0	0

0.069834	0	0	0	0	0	0
0.030629	0	0	0	0	0	0
0.047558	0	0	0	0	0	0
0.033714	0	0	0	0	0	0
0.168948	0	0	0	0	0	0
0.091972	0	0	0	0	0	0
0.172093	0	0	0	0	0	0
0.155993	0	0	0	0	0	0
0.058128	0	0	0	0	0	0
0.052669	0	0	0	0	0	0
0.031102	0	0	0	0	0	0
0.006117	0	0	0	0	0	0
0.002781	0	0	0	0	0	0
0.001647	0	0	0	0	0	0
0.009228	0.01	0	0	0	0	0
0.001754	0	0	0	0	0	0
0.011125	0	0	0	0	0	0
0.003338	0	0	0	0	0	0
0.001064	0	0	0	0	0	0
0.004809	0	0	0	0	0	0
0.004475	0	0	0	0	0	0
0.002995	0	0	0	0	0	0
0.001685	0.01	0	0	0	0	0
0.004101	0	0	0	0	0	0
0.005192	0	0	0	0	0	0
0.191403	0	0	0	0	0	0
0.036908	0	0	0	0	0	0
0.018444	0	0	0	0	0	0
0.009073	0	0	0	0	0	0
0.005169	0	0	0	4	0	4
0.003856	0	0	0	0	0	0
0.005715	0	0	0	0	0	0
0.002729	0	0	0	0	0	0
0.049115	0	0	4	0	0	4
0.011041	0	0	0	0	0	0
0.019603	0	0	0	0	0	0
0.006152	0	0	0	0	0	0
0.009926	0	0	0	0	0	0
0.011297	0	0	0	0	0	0
0.079078	0.02	0	0	0	0	0
0.006638	0	0	0	0	0	0
0.007669	0	0	0	0	0	0
0.032285	0	0	0	0	0	0
0.004249	0	0	0	0	0	0
0.042572	0	0	0	0	0	0
0.003243	0	0	0	0	0	0
0.003213	0	0	0	0	0	0
0.00264	0	0	0	0	0	0
0.002137	0	0	0	0	0	0
0.00282	0	0	0	0	0	0



0.004028	0	0	0	0	0	0
0.00292	0	0	0	0	0	0
0.003105	0	0	0	0	0	0
0.281435	0.04	0	0	0	0	0
0.097825	0	0	0	0	0	0
0.074956	0	0	0	0	0	0
0.147668	0	0	0	0	0	0
0.064281	0	0	0	0	0	0
0.026453	0	0	0	0	0	0
0.0276	0	0	0	0	0	0
0.103856	0	0	0	0	0	0
0.117264	0	0	0	0	0	0
0.039052	0	0	0	0	0	0
0.041659	0	0	0	0	0	0
0.0812	0	0	0	0	0	0
0.098862	0	0	0	0	0	0
0.017948	0	0	0	0	0	0
0.191912	0	0	0	0	0	0
0.014915	0	0	0	0	0	0
0.839889	0.05	0	0	0	0	0
0.066176	0	0	0	0	0	0
0.063541	0	0	0	0	0	0
0.041328	0	0	0	0	0	0
0.997139	0	0	0	0	0	0
0.033015	0	0	0	0	0	0
0.065475	0	0	0	0	0	0
0.014546	0	0	0	0	0	0
0.014776	0	0	0	0	0	0
0.032634	0	0	0	0	0	0
0.032853	0	0	0	0	0	0
0.111839	0.02	0	0	0	0	0
0.044655	0	0	0	0	0	0
0.034386	0	0	0	0	0	0
0.052462	0	0	0	0	0	0
0.032829	0	0	0	0	0	0
0.031545	0	0	0	0	0	0
0.023359	0	0	0	0	0	0
0.061372	0	0	0	0	0	0
0.049887	0	0	0	0	0	0
0.343413	0.02	3	0	0	0	3
0.027622	0	0	0	0	0	0
0.879761	0	0	0	0	0	0
0.91053	0	0	0	0	0	0
0.017294	0	0	0	0	0	0
0.008474	0	0	0	0	0	0
0.011153	0	0	0	0	0	0
0.010274	0	0	0	0	0	0
0.004036	0	0	0	0	0	0
0.00506	0	0	0	0	0	0
0.003233	0	0	0	0	0	0

0.006045	0	0	0	0	0	0
0.006535	0	0	0	0	0	0
0.277822	0.47	0	0	0	0	0
0.252255	0	0	0	0	0	0
0.093303	0	0	0	0	0	0
0.146666	0	0	0	0	0	0
0.114025	0	0	0	0	0	0
0.07251	0	0	0	0	0	0
0.069016	0	0	0	0	0	0
0.081051	0	0	0	0	0	0
0.086978	0	0	0	0	0	0
0.199477	0	0	0	0	0	0
0.012495	0	0	0	0	0	0
0.017306	0	0	0	0	0	0
0.036293	0	0	0	0	0	0
0.017902	0	0	0	0	0	0
0.023426	0	0	0	0	0	0
0.033299	0	0	0	0	0	0
0.04507	0	0	0	0	0	0
0.028529	0	0	0	0	0	0
0.046822	0	0	0	0	0	0
0.689222	0	0	0	0	0	0
0.491841	0	0	0	0	0	0
0.362063	0	0	0	0	0	0
0.435666	0	0	0	0	0	0
0.017329	0	0	0	0	0	0
0.06823	0	0	0	0	0	0
0.950216	0	0	0	0	0	0
0.035031	0	0	0	0	0	0
0.047386	0	0	0	0	0	0
0.034589	0	0	0	0	0	0
0.037636	0	0	0	0	0	0
0.023462	0	0	0	0	0	0
0.006071	0	0	0	0	0	0
0.011433	0	0	0	0	0	0
0.006847	0	0	0	0	0	0
0.06665	0	0	0	0	0	0
0.039222	0	0	0	0	0	0
0.044458	0	0	0	0	0	0
0.051837	0	0	0	0	0	0
0.046515	0	0	0	0	0	0
0.526015	0.05	0	0	0	0	0
0.075615	0	0	0	0	0	0
0.03219	0	0	0	0	0	0
0.120254	0	0	0	0	0	0
0.08881	0	0	0	0	0	0
0.348152	0	0	0	0	0	0
0.060818	0	0	0	0	0	0
0.056794	0	0	0	0	0	0
0.10702	0	0	0	0	0	0

0.054724	0	0	0	0	0	0
0.036729	0	0	0	0	0	0
0.020667	0	0	0	0	0	0
0.049404	0	0	0	0	0	0
0.071395	0	0	0	0	0	0
0.21186	0	0	0	0	0	0
0.008102	0	0	0	0	0	0
0.006028	0	0	0	0	0	0
0.033006	0	0	0	0	0	0
0.017624	0	0	0	0	0	0
0.004588	0	0	0	0	0	0
0.006551	0	0	0	0	0	0
0.002277	0	0	0	0	0	0
0.001542	0	0	0	0	0	0
0.001921	0	0	0	0	0	0
0.003872	0	0	0	0	0	0
0.003756	0	0	0	0	0	0
0.005417	0	0	0	0	0	0
0.008328	0	0	0	0	0	0
0.007362	0	0	0	0	0	0
0.003279	0	0	0	0	0	0
0.026295	0	0	0	0	0	0
0.008116	0	0	0	0	0	0
0.009412	0	0	0	0	0	0
0.004645	0	0	0	0	0	0
0.006994	0	0	0	0	0	0
0.03894	0	0	0	0	0	0
0.008884	0	0	0	0	0	0
0.009876	0	0	0	0	0	0
0.014208	0	0	0	0	0	0
0.031091	0	0	0	0	0	0
0.02114	0	0	0	0	0	0
0.016713	0	0	0	0	0	0
0.012076	0	0	0	0	0	0
0.014936	0	0	0	0	0	0
0.023642	0	0	0	0	0	0
0.012235	0	0	0	0	0	0
0.014624	0	0	0	0	0	0
0.027535	0	0	0	0	0	0
0.068438	0	0	0	0	0	0
0.044206	0	0	0	0	0	0
0.048297	0	0	0	0	0	0
0.039122	0	0	0	0	0	0
0.031155	0	0	0	0	0	0
0.043746	0	0	0	0	0	0
0.04141	0	0	0	0	0	0
0.04845	0	0	0	0	0	0
0.033914	0	0	0	0	0	0
0.044548	0	0	0	0	0	0
0.072049	0	0	0	0	0	0

0.04374	0	0	0	0	0	0
0.037105	0	0	0	0	0	0
0.025397	0	0	0	0	0	0
0.017519	0	0	0	0	0	0
0.048795	0	0	0	0	0	0
0.027445	0	0	0	0	0	0
0.044581	0	0	0	0	0	0
0.085572	0	0	0	0	0	0
0.065538	0	0	0	0	0	0
0.061778	0	0	0	0	0	0
0.03202	0	0	0	0	0	0
0.014865	0	0	0	0	0	0
0.048975	0	0	0	0	0	0
0.077523	0	0	0	0	0	0
0.0316	0	0	0	0	0	0
0.105028	0	0	0	0	0	0
0.042072	0	0	0	0	0	0
0.06609	0.01	0	0	0	0	0
0.016602	0	0	0	0	0	0
0.031216	0	0	0	0	0	0
0.015351	0	0	0	0	0	0
0.060949	0	0	0	0	0	0
0.207114	0	0	0	0	0	0
0.106982	0	0	0	0	0	0
0.057906	0	0	0	0	0	0
0.054954	0	0	0	0	0	0
0.086284	0	0	0	0	0	0
0.087807	0	0	0	0	0	0
0.019558	0	0	0	0	0	0
0.026938	0	0	0	0	0	0
0.064715	0	0	0	0	0	0
0.086729	0	0	0	0	0	0
0.053142	0	0	0	0	0	0
0.015373	0	0	0	0	0	0
0.062559	0.01	0	0	0	0	0
0.09504	0	0	0	0	0	0
0.025629	0	0	0	0	0	0
0.028541	0	0	0	0	0	0
0.06014	0	0	0	0	0	0
0.20802	0	0	0	0	0	0
0.00994	0	0	0	0	0	0
0.017823	0	0	0	0	0	0
0.012344	0	0	0	0	0	0
0.03178	0	0	0	0	0	0
0.007012	0	0	0	0	0	0
0.011473	0	0	0	0	0	0
0.006753	0	0	0	0	0	0
0.024143	0	0	0	0	0	0
0.006944	0	0	0	0	0	0
0.004988	0	0	0	0	0	0

0.013938	0	0	0	0	0	0
0.010724	0	0	0	0	0	0
0.00491	0	0	0	0	0	0
0.01459	0	0	0	0	0	0
0.004032	0	0	0	0	0	0
0.021841	0	0	0	0	0	0
0.01354	0	0	0	0	0	0
0.157716	0	0	0	0	0	0
0.025464	0	0	0	0	0	0
0.025103	0	0	0	0	0	0
0.024686	0	0	0	0	0	0
0.035094	0	0	0	0	0	0
0.02892	0	0	0	0	0	0
0.076052	0	0	0	0	0	0
0.068942	0	0	0	0	0	0
0.026546	0	0	0	0	0	0
0.028152	0	0	0	0	0	0
0.022777	0	0	0	0	0	0
0.022883	0	0	0	0	0	0
0.027773	0	0	0	0	0	0
0.029769	0	0	0	0	0	0
0.060323	0	0	0	0	0	0
0.021019	0	0	0	0	0	0
0.018278	0	0	0	0	0	0
0.22852	0	0	0	0	0	0
0.00376	0	0	0	0	0	0
0.00245	0	0	0	0	0	0
0.022487	0	0	0	0	0	0
0.008863	0	0	0	0	0	0
0.00767	0	0	0	0	0	0
0.021077	0	0	0	0	0	0
0.046392	0	0	0	0	0	0
0.035684	0	0	0	0	0	0
0.007341	0	0	0	0	0	0
0.006425	0	0	0	0	0	0
0.006403	0	0	0	0	0	0
0.023168	0	0	0	0	0	0
0.038619	0	0	0	0	0	0
0.04713	0	0	0	0	0	0
0.000727	0	0	0	0	0	0
0.001101	0	0	0	0	0	0
0.001743	0	0	0	0	0	0
0.001775	0	0	0	0	0	0
0.003828	0	0	0	0	0	0
0.111654	0	0	0	0	0	0
0.04428	0	0	0	0	0	0
0.102149	0	0	0	0	0	0
0.172529	0	0	0	0	0	0
0.073192	0	0	0	0	0	0
0.110769	0	0	0	0	0	0

0.041497	0	0	0	0	0	0
0.004792	0	0	0	0	0	0
0.019548	0	0	0	0	0	0
0.012891	0	0	0	0	0	0
0.019583	0	0	0	0	0	0
0.002675	0	0	0	0	0	0
0.005966	0	0	0	0	0	0
0.022675	0	0	0	0	0	0
0.009914	0	0	0	0	0	0
0.002057	0	0	0	0	0	0
0.014726	0	0	0	0	0	0
0.099475	0	0	0	0	0	0
0.010335	0	0	0	0	0	0
0.109468	0	0	0	5	0	5
0.141687	0	0	0	0	0	0
0.004632	0	0	0	0	0	0
0.056131	0	0	0	0	0	0
0.01932	0	0	0	0	0	0
0.007946	0	0	0	0	0	0
0.016984	0	0	0	0	0	0
0.016848	0	0	0	0	0	0
0.056053	0	0	0	0	0	0
0.015649	0	0	0	0	0	0
0.086084	0	0	0	0	6	6
0.032156	0	0	6	0	0	6
0.024715	0	6	0	0	6	12
0.315613	0	6	0	0	0	6
0.180115	0	0	0	0	0	0
0.365326	0.08	0	3	0	2	5
0.01905	0	2	2	2	1	7
0.038963	0	1	0	0	0	1
0.073618	0	0	0	0	0	0
0.034853	0	0	0	0	0	0
0.094643	0	0	0	0	0	0
0.033789	0	6	0	0	0	6
0.005163	0	0	0	0	0	0
0.004488	0	0	0	0	0	0
0.041161	0.03	0	0	0	11	11
0.876213	0	11	0	9	1	21
0.039873	0	1	0	0	10	11
0.057437	0	10	0	0	0	10
0.003415	0	0	0	0	0	0
0.006467	0	0	0	0	6	6
0.017598	0	0	0	0	8	8
0.024399	0	8	0	0	0	8
0.022927	0	0	0	0	0	0
0.096428	0	0	0	0	0	0
0.12793	0	0	0	0	0	0
0.084646	0	0	0	0	0	0
0.043141	0	0	0	0	0	0

0.058965	0	0	0	0	0	0
0.127811	0	0	0	0	0	0
0.062596	0	0	0	0	0	0
0.040571	0	0	0	0	0	0
0.223724	0	0	0	0	8	8
0.245287	0.13	8	0	5	5	18
0.115081	0	5	0	0	0	5
0.103602	0	0	10	0	0	10
0.002351	0	0	0	0	0	0
0.00339	0	0	0	0	0	0
0.002541	0	0	0	0	0	0
0.002941	0	0	0	0	0	0
0.002042	0	0	0	0	0	0
0.003061	0	0	0	0	0	0
0.005132	0	0	0	0	0	0
0.002195	0	0	0	0	0	0
0.01218	0	0	0	0	0	0
0.010001	0	0	0	0	0	0
0.006734	0	0	0	0	0	0
0.006835	0	0	0	0	0	0
0.014583	0	0	0	0	0	0
0.07114	0	0	0	0	0	0
0.049314	0	0	0	0	0	0
0.109496	0	0	0	0	0	0
0.025834	0	0	0	0	0	0
0.006814	0	0	0	0	0	0
0.007368	0	0	0	0	0	0
0.014935	0	0	0	0	0	0
0.011437	0	0	0	0	0	0
0.076168	0	0	0	0	0	0
0.048885	0	0	0	0	0	0
0.028163	0	0	0	0	0	0
0.009264	0	0	0	0	0	0
0.007302	0	0	0	0	0	0
0.011669	0	0	0	0	0	0
0.001944	0	0	0	0	0	0
0.001718	0	0	0	0	0	0
0.002509	0.01	0	0	0	0	0
0.004692	0.04	0	0	0	0	0
0.001734	0	0	0	0	0	0
0.001497	0	0	0	0	0	0
0.000623	0	0	0	0	0	0
0.00654	0	0	0	0	2	2
0.010295	0	2	0	0	0	2
0.002861	0	0	0	0	0	0
0.001013	0	0	0	0	0	0
0.00389	0	0	0	0	0	0
0.003622	0	0	0	0	0	0
0.000823	0	0	0	0	0	0
0.000234	0	0	0	0	0	0

0.005828	0	0	0	0	0	0
0.001618	0	0	0	0	0	0
0.000799	0	0	0	0	0	0
0.001016	0	0	0	0	0	0
0.000674	0	0	0	0	0	0
0.000875	0	0	0	0	0	0
0.000792	0	0	0	0	0	0
0.00016	0	0	0	0	0	0
0.002818	0	0	0	0	0	0
0.001949	0	0	0	0	0	0
0.005981	0	0	0	0	0	0
0.006196	0	0	0	0	0	0
0.004268	0	0	0	0	0	0
0.002679	0	0	0	0	0	0
0.005724	0	0	0	0	0	0
0.001668	0	0	0	0	0	0
0.002423	0	0	0	0	0	0
0.003706	0	0	0	0	0	0
0.001301	0	0	0	0	0	0
0.015355	0	0	0	0	0	0
0.011538	0	0	0	0	0	0
0.000768	0	0	0	0	0	0
0.010198	0	0	0	0	0	0
0.001019	0	0	0	0	0	0
0.000533	0	0	0	0	0	0
0.004769	0	0	0	0	0	0
0.000953	0	0	0	0	0	0
0.000792	0	0	0	0	0	0
0.006462	0	0	0	0	0	0
0.001047	0	0	0	0	0	0
0.001346	0	0	0	0	0	0
0.003325	0	2	0	0	0	2
0.013491	0	0	0	0	0	0
0.00094	0	0	0	0	0	0
0.00165	0	0	0	0	0	0
0.005106	0	0	0	0	0	0
0.001638	0	0	0	0	0	0
0.00182	0	0	0	0	0	0
0.00088	0	0	0	0	0	0
0.003075	0	0	0	0	0	0
0.011015	0	0	0	0	0	0
0.002461	0	0	0	0	0	0
0.001834	0	0	0	0	0	0
0.00002	0	0	0	0	0	0
0.001094	0	0	0	0	0	0
0.003918	0	0	0	0	0	0
0.001343	0	0	0	0	0	0
0.002498	0	0	0	0	0	0
0.000952	0	0	0	0	0	0
0.001174	0	0	0	0	0	0



0.00462	0	0	0	0	0	0
0.001154	0	0	0	0	0	0
0.004225	0	0	0	0	0	0
0.013417	0	0	0	0	0	0
0.003442	0	0	0	0	0	0
0.004589	0	0	0	0	0	0
0.003186	0	0	0	0	0	0
0.001043	0	0	0	0	0	0
0.007184	0	0	0	0	0	0
0.000747	0	0	0	0	0	0
0.000593	0	0	0	0	0	0
0.003691	0	0	0	0	0	0
0.004309	0	0	0	0	0	0
0.025014	0	0	0	0	0	0
0.006867	0	0	0	0	0	0
0.081243	0	0	0	0	0	0
0.121522	0	0	0	0	0	0
0.040387	0	0	0	0	0	0
0.003337	0	0	0	0	0	0
0.008324	0	0	0	0	0	0
0.018427	0	0	0	0	0	0
0.004331	0	0	0	0	0	0
0.015508	0	0	0	0	0	0
0.080694	0	0	0	0	0	0
0.215159	0	0	0	0	0	0
0.064689	0	0	0	0	0	0
0.073242	0	0	0	0	0	0
0.052105	0	0	0	0	0	0
0.078498	0	0	0	0	0	0
0.604182	0.04	0	0	0	0	0
0.080561	0	0	0	0	0	0
0.102694	0	0	0	0	0	0
0.147018	0	0	0	0	0	0
0.444179	0.08	0	0	0	0	0
0.514596	0.11	0	0	0	0	0
0.378935	0.01	0	0	0	0	0
0.427732	0.09	0	0	0	0	0
0.43434	0.06	0	0	0	0	0
0.003726	0	1	0	0	0	1
0.004923	0	0	0	0	0	0
0.004163	0	0	0	0	0	0
0.007252	0	0	0	0	0	0
0.010901	0	0	0	3	0	3
0.07634	0	0	0	0	0	0
0.072668	0	0	0	0	0	0
0.057454	0	0	0	0	0	0
0.044723	0	0	0	0	0	0
0.020794	0	0	0	0	0	0
0.14745	0	0	0	0	0	0
0.098241	0	0	0	0	0	0

0.005303	0	0	0	0	0	0
0.020534	0	0	0	0	0	0
0.01194	0	0	0	0	1	1
0.002377	0	0	0	0	0	0
0.002182	0	0	0	0	0	0
0.003736	0	0	0	0	0	0
0.003973	0	0	0	0	0	0
0.084103	0	0	0	0	0	0
0.015743	0	0	0	0	0	0
0.014002	0	0	0	0	0	0
0.006209	0	0	0	0	0	0
0.051208	0	0	0	0	0	0
0.059828	0	0	0	0	0	0
0.059119	0	0	0	0	0	0
0.034903	0	0	0	1	0	1
0.02657	0	0	0	0	0	0
0.090971	0	0	0	0	0	0
0.014089	0	0	0	0	0	0
0.021381	0	0	0	0	0	0
0.01082	0	0	0	0	0	0
0.095865	0	0	0	0	0	0
0.015192	0	0	0	0	0	0
0.020655	0	0	0	0	0	0
0.016467	0	0	0	0	0	0
0.014007	0	0	0	0	0	0
0.004613	0	0	0	0	0	0
0.017999	0	0	0	0	0	0
0.014197	0	0	0	0	0	0
0.00707	0	0	0	0	0	0
0.061989	0	0	0	0	0	0
0.410711	0	0	0	0	0	0
0.147072	0	0	0	0	0	0
0.054375	0	0	0	0	0	0
0.693987	0	0	0	0	0	0
0.006081	0	0	0	0	0	0
0.006797	0	0	0	0	0	0
0.00589	0	0	0	0	0	0
0.009112	0	0	0	0	0	0
0.027473	0	0	0	0	0	0
0.33179	0	0	0	0	0	0
0.00074	0	0	0	0	0	0
0.000351	0	0	0	0	0	0
0.000192	0	0	0	0	0	0
0.000192	0	0	0	0	0	0
0.000279	0	0	0	0	0	0
0.007041	0	0	0	0	0	0
0.001502	0	0	0	0	0	0
0.000496	0	0	0	0	0	0
0.000515	0	0	0	0	0	0
0.00099	0	0	0	0	0	0

0.000274	0	0	0	0	0	0
0.000423	0	0	0	0	0	0
0.000791	0	0	0	0	0	0
0.085536	0	0	0	0	0	0
0.030058	0	0	0	0	0	0
0.048523	0	0	0	0	0	0
0.015304	0	0	0	0	0	0
0.368806	0	0	0	0	0	0
0.579914	0	0	0	0	0	0
0.04602	0	0	0	0	0	0
0.03874	0	0	0	0	0	0
0.037108	0	0	0	0	0	0
0.048481	0	0	0	0	0	0
0.10651	0	0	0	0	0	0
0.076829	0	0	0	0	0	0
0.140566	0	0	0	0	0	0
0.009819	0	0	0	0	0	0
0.006432	0	0	0	0	0	0
0.013977	0	0	0	0	0	0
0.007856	0	0	0	0	0	0
0.007383	0	0	0	0	0	0
0.008278	0	0	0	0	0	0
0.012157	0	0	0	0	0	0
0.01247	0	0	0	4	0	4
0.005951	0	0	0	0	0	0
0.003763	0	0	0	0	0	0
0.007052	0	0	0	0	0	0
0.002076	0	0	0	0	0	0
0.002045	0	0	0	0	0	0
0.001798	0	0	0	0	0	0
0.001308	0	0	0	0	0	0
0.002997	0	0	0	0	0	0
0.013463	0	0	0	0	0	0
0.034463	0	0	0	0	0	0
0.032514	0	0	0	0	0	0
0.320655	0	0	0	0	0	0
0.012746	0	0	0	0	0	0
0.008732	0	0	0	0	0	0
0.031306	0	0	0	0	0	0
0.048469	0	0	0	0	0	0
0.034615	0	0	0	0	0	0
0.08625	0	0	0	0	0	0
0.058062	0	0	0	0	0	0
0.002302	0	0	0	0	0	0
0.005715	0	0	0	0	0	0
0.040486	0	0	0	0	0	0
0.001301	0	0	0	0	0	0
0.045988	0	0	0	0	0	0
0.034357	0	0	0	0	0	0
0.016774	0	0	0	0	0	0

0.115969	0	0	3	3	0	6
0.277059	0	0	0	0	0	0
0.035623	0	0	0	0	0	0
0.207593	0	0	0	0	0	0
0.006955	0	0	0	0	0	0
0.002833	0	0	0	0	0	0
0.001896	0	0	0	0	0	0
0.002759	0	0	0	0	0	0
0.002183	0	0	0	0	0	0
0.019227	0	0	0	0	0	0
0.01365	0	0	0	0	0	0
0.005342	0	0	0	0	0	0
0.01025	0	0	0	0	0	0
0.005989	0	0	0	0	0	0
0.017001	0	0	0	0	0	0
0.002057	0	0	0	0	0	0
0.001307	0	0	0	0	0	0
0.058109	0	0	0	0	0	0
0.043249	0	0	0	0	0	0
0.034928	0	0	0	0	0	0
0.037977	0	0	0	0	0	0
0.041218	0	0	0	0	0	0
0.052356	0	0	0	0	0	0
0.017689	0	0	0	0	0	0
0.019805	0	0	0	0	0	0
0.030172	0	0	0	0	0	0
0.105401	0	0	0	0	0	0
0.032081	0	0	0	0	0	0
0.001678	0	0	0	0	0	0
0.002662	0	0	0	0	0	0
0.004562	0	0	0	0	0	0
0.009883	0	0	0	0	0	0
0.011277	0	0	0	0	0	0
0.002195	0	0	0	0	0	0
0.012906	0	0	0	0	0	0
0.037993	0	0	0	0	0	0
0.191436	0	0	0	0	0	0
0.019657	0	0	0	0	0	0
0.017895	0	0	0	0	0	0
0.081508	0	0	0	0	0	0
0.023394	0	0	0	0	0	0
0.121357	0	0	0	0	0	0
0.111044	0	0	0	0	0	0
0.021012	0	0	0	0	0	0
0.021398	0	0	0	0	0	0
0.084455	0	0	0	0	0	0
0.239375	0	0	0	0	0	0
0.029637	0	0	0	0	0	0
0.021141	0	0	0	0	0	0
0.027195	0	0	0	0	0	0

0.115778	0	0	0	0	0	0
0.012334	0	0	0	0	0	0
0.15923	0	0	0	0	0	0
0.006071	0	0	0	0	0	0
0.024677	0	0	0	0	0	0
0.005839	0	0	0	0	0	0
0.003709	0	0	0	0	0	0
0.008621	0	0	0	0	0	0
0.005747	0	0	0	0	0	0
0.014751	0	0	0	0	0	0
0.003721	0	0	0	0	0	0
0.003695	0	0	0	0	0	0
0.004093	0	0	0	0	0	0
0.007973	0	0	0	0	0	0
0.002245	0	0	0	0	0	0
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0.003385	0	0	0	0	0	0
0.001966	0	0	0	0	0	0
0.004267	0	0	0	0	0	0
0.508185	0	0	0	0	0	0
0.046807	0	0	0	0	0	0
0.07688	0	0	0	0	0	0
0.07141	0	0	0	0	0	0
0.068967	0	0	0	0	0	0
0.050222	0	0	0	0	0	0
0.063227	0	0	0	0	0	0
0.177081	0	0	0	0	0	0
0.163273	0	0	0	0	0	0
0.057165	0	0	0	0	0	0
0.110885	0	0	0	0	0	0
0.791514	0	0	0	0	0	0
0.137721	0	0	0	0	0	0
0.282201	0	0	0	0	0	0
0.167243	0	0	0	0	0	0
0.110947	0	0	0	0	0	0
0.153899	0	0	0	0	0	0
0.143446	0	0	0	0	0	0
0.104827	0	0	0	0	0	0
0.713897	0	0	0	0	0	0
0.359566	0	0	0	0	0	0
0.113626	0	0	0	0	0	0
0.225699	0	0	0	0	0	0
0.004505	0	0	0	0	0	0
0.009738	0	0	0	0	0	0
0.012153	0	0	0	0	0	0
0.019691	0	0	0	0	0	0
0.002668	0	0	0	0	0	0
0.003464	0	0	0	0	0	0
0.002634	0	0	0	0	0	0
0.022577	0	0	0	0	0	0

0.002471	0	0	0	0	0	0
0.005716	0	0	0	0	0	0
0.002736	0	0	0	0	0	0
0.00717	0	0	0	0	0	0
0.079519	0	0	0	0	0	0
0.046521	0	0	0	0	0	0
0.054271	0	0	0	0	0	0
0.054086	0	0	0	0	0	0
0.291486	0	0	0	0	0	0
0.080926	0	0	0	0	0	0
0.068338	0	0	0	0	0	0
0.011434	0	0	0	0	0	0
0.036897	0	1	0	0	0	1
0.035638	0	0	0	0	0	0
0.040884	0	0	0	0	0	0
0.003506	0	0	0	0	0	0
0.014331	0	0	0	0	0	0
0.011539	0	0	0	0	1	1
0.006153	0	1	0	0	0	1
0.011907	0	0	0	0	0	0
0.024709	0	0	0	0	0	0
0.007537	0	0	0	0	0	0
0.005927	0	0	0	0	0	0
0.008549	0	0	0	0	0	0
0.013649	0	0	0	0	0	0
0.004571	0	0	0	0	0	0
0.004432	0	0	0	0	0	0
0.00501	0	0	0	0	1	1
0.034473	0	0	0	0	0	0
0.038335	0	0	0	0	0	0
0.013042	0	0	0	0	0	0
0.003582	0	0	0	0	0	0
0.021119	0	0	0	0	0	0
0.060616	0	0	0	0	0	0
0.006174	0	0	0	0	0	0
0.011307	0	0	0	0	0	0
0.008004	0	0	0	0	0	0
0.010208	0	0	0	0	0	0
0.02118	0	0	0	0	0	0
0.006258	0	0	0	0	7	7
0.016287	0	0	0	0	0	0
0.01583	0	0	0	0	0	0
0.011097	0	0	0	0	0	0
0.01103	0	0	0	0	0	0
0.009526	0	0	0	0	0	0
0.006642	0	0	0	0	0	0
0.008878	0	0	0	0	0	0
0.009233	0	0	0	0	0	0
0.058018	0	0	0	0	0	0
0.039681	0	0	0	0	0	0

0.078092	0	0	0	0	0	0
0.039781	0	0	0	0	0	0
0.065377	0	0	0	0	0	0
0.049073	0	0	0	0	0	0
0.080923	0	0	0	0	0	0
0.08772	0	0	0	0	0	0
0.39875	0	0	0	0	0	0
0.041925	0	0	0	0	0	0
0.240739	0	0	0	0	0	0
0.003241	0	0	0	0	0	0
0.407053	0.03	0	0	0	0	0
0.031932	0	0	0	0	0	0
0.036361	0	0	0	0	0	0
0.025566	0	0	0	0	0	0
0.011379	0	0	0	0	0	0
0.015839	0	0	0	0	0	0
0.02826	0	0	0	0	0	0
0.014143	0	0	0	0	0	0
0.022894	0	0	0	0	0	0
0.011072	0	0	0	0	0	0
0.047214	0	0	0	0	0	0
0.023347	0	0	0	0	0	0
0.117503	0	0	0	0	0	0
0.068913	0	0	0	0	0	0
0.046411	0	0	0	0	0	0
0.099497	0	0	0	0	0	0
0.019952	0	0	0	0	0	0
0.000962	0	0	0	0	2	2
0.000677	0	0	0	0	0	0
0.002475	0	0	0	0	0	0
0.000896	0	0	0	0	0	0
0.001862	0	0	0	0	0	0
0.000554	0	0	0	0	0	0
0.00124	0	0	0	0	0	0
0.001715	0	0	0	0	0	0
0.004124	0	0	0	0	0	0
0.002899	0	0	0	0	0	0
0.003621	0	0	0	0	0	0
0.00177	0	0	0	0	0	0
0.00636	0	0	0	0	0	0
0.112209	0.01	0	0	2	0	2
0.007204	0	0	0	0	0	0
0.062115	0	0	0	0	0	0
0.005539	0	0	0	0	0	0
0.018117	0	0	0	0	0	0
0.00523	0	0	0	0	0	0
0.015778	0	0	0	0	0	0
0.007792	0	0	0	0	0	0
0.00601	0	0	0	0	0	0
0.007306	0	0	0	0	0	0

0.004472	0	0	0	0	0	0
0.004386	0	0	0	0	0	0
0.008301	0	0	0	0	0	0
0.016933	0	0	0	0	0	0
0.016924	0	0	0	0	0	0
0.008032	0	0	0	0	0	0
0.000097	0	0	0	0	0	0
0.048254	0	0	0	0	0	0
0.027487	0	0	0	0	0	0
0.030111	0	0	0	0	0	0
0.040511	0	0	0	0	0	0
0.030076	0	0	0	0	0	0
0.041259	0	0	0	0	0	0
0.022631	0	0	0	0	0	0
0.025386	0	0	0	0	0	0
0.022646	0	0	0	0	0	0
0.021254	0	0	0	0	0	0
0.024322	0	0	0	0	0	0
0.049506	0	0	0	0	0	0
0.029102	0	0	0	0	0	0
0.028871	0	0	0	0	0	0
0.026165	0	0	0	0	0	0
0.028029	0	0	0	0	0	0
0.032156	0	0	0	0	0	0
0.016658	0	0	0	0	0	0
0.018785	0	0	0	0	0	0
0.019979	0	0	0	0	0	0
0.044282	0	0	0	0	0	0
0.011518	0	0	0	0	0	0
0.012738	0	0	0	0	0	0
0.016032	0	0	0	0	0	0
0.015797	0	0	0	0	0	0
0.018554	0	0	0	0	0	0
0.013882	0	0	0	0	0	0
0.008944	0	0	0	0	0	0
0.048235	0	0	0	0	0	0
0.061308	0	0	0	0	0	0
0.034389	0	0	0	0	0	0
0.037518	0	0	0	0	0	0
0.041235	0	0	0	0	0	0
0.042287	0	0	0	0	0	0
0.035453	0	0	0	0	0	0
0.007665	0	0	0	0	0	0
0.007719	0	0	0	0	0	0
0.009617	0	0	0	0	0	0
0.010416	0	0	0	0	0	0
0.011086	0	0	0	0	0	0
0.008056	0	0	0	0	0	0
0.011238	0	0	0	0	0	0
0.007344	0	0	0	0	0	0



0.008916	0	0	0	0	0	0
0.009691	0	0	0	0	0	0
0.025401	0	0	0	0	0	0
0.063626	0	0	0	0	0	0
0.048986	0	0	0	0	0	0
0.009948	0	0	0	0	0	0
0.009429	0	0	0	0	0	0
0.006364	0	0	0	0	0	0
0.041354	0	0	0	0	0	0
0.011495	0	0	0	0	0	0
0.004449	0	0	0	0	0	0
0.008474	0	0	0	0	0	0
0.013811	0	0	0	0	0	0
0.031071	0	0	0	0	0	0
0.036143	0	0	0	0	0	0
0.033997	0	0	0	0	0	0
0.005982	0	0	0	0	0	0
0.016105	0	0	0	0	0	0
0.073715	0	0	0	0	0	0
0.034731	0	0	0	0	0	0
0.046199	0	0	0	0	0	0
0.026784	0	0	0	0	0	0
0.012544	0	0	0	0	0	0
0.018006	0	0	0	0	0	0
0.012151	0	0	0	0	0	0
0.011875	0	0	0	0	0	0
0.010866	0	0	0	0	0	0
0.05807	0	0	0	0	0	0
0.036052	0	0	0	0	0	0
0.052985	0	0	0	0	0	0
0.021493	0	0	0	0	0	0
0.03188	0	0	0	0	0	0
0.029396	0	0	0	0	0	0
0.030098	0	0	0	0	0	0
0.026001	0	0	0	0	0	0
0.021108	0	0	0	0	0	0
0.030126	0	0	0	0	0	0
0.024419	0	0	0	0	0	0
0.063866	0	0	0	0	0	0
0.045469	0	0	0	0	0	0
0.048016	0	0	0	0	0	0
0.040839	0	0	0	0	0	0
0.02684	0	0	0	0	0	0
0.023322	0	0	0	0	0	0
0.036344	0	0	0	0	0	0
0.019154	0	0	0	0	0	0
0.027114	0	0	0	0	0	0
0.028632	0	0	0	0	0	0
0.032903	0	0	0	0	0	0
0.067757	0	0	0	0	0	0

0.01338	0	0	0	0	0	0
0.022909	0	0	0	0	0	0
0.015368	0	0	0	0	0	0
0.011734	0	0	0	0	0	0
0.018588	0	0	0	0	0	0
0.019807	0	0	0	0	0	0
0.016346	0	0	0	0	0	0
0.036642	0	0	0	0	0	0
0.077765	0	0	0	0	0	0
0.036936	0	0	0	0	0	0
0.060888	0	0	0	0	0	0
0.036493	0	0	0	0	0	0
0.052972	0	0	0	0	0	0
0.041271	0	0	0	0	0	0
0.038891	0	0	0	0	0	0
0.023905	0	0	0	0	0	0
0.08381	0	0	0	0	0	0
0.048871	0	0	0	0	0	0
0.013516	0	0	0	0	0	0
0.009298	0	0	0	0	0	0
0.004408	0	0	0	0	0	0
0.009955	0	0	0	0	0	0
0.019048	0	0	0	0	0	0
0.017853	0	0	0	0	0	0
0.047674	0	0	0	0	0	0
0.015287	0	0	0	0	0	0
0.077154	0	0	0	0	0	0
0.089587	0	0	0	0	0	0
0.046272	0	0	0	0	0	0
0.056743	0	0	0	0	0	0
0.00142	0	0	0	0	0	0
0.024385	0	0	0	0	0	0
0.003132	0	0	0	0	0	0
0.00394	0	0	0	0	0	0
0.023866	0	0	0	0	0	0
0.039363	0	0	0	0	0	0
0.016096	0	0	0	0	4	4
0.011097	0	4	0	0	0	4
0.015774	0	0	0	0	0	0
0.016278	0	0	0	0	0	0
0.007339	0	0	0	0	0	0
0.02578	0	0	0	0	0	0
0.022056	0	0	0	0	0	0
0.025881	0	0	0	0	0	0
0.021348	0	0	0	0	0	0
0.016528	0	0	0	0	0	0
0.016204	0	0	0	0	0	0
0.020696	0	0	0	0	0	0
0.219279	0	0	0	0	0	0
0.050376	0	0	0	0	0	0

0.026922	0	0	0	0	0	0
0.044737	0	0	0	0	0	0
0.113305	0	0	0	0	0	0
0.041704	0	0	0	0	0	0
0.064108	0	0	0	0	0	0
0.053261	0	0	0	0	5	5
0.004837	0	0	0	0	0	0
0.002474	0	0	0	0	0	0
0.003177	0	0	0	0	0	0
0.0074	0	0	0	0	0	0
0.005867	0	5	0	0	0	5
0.007141	0	0	0	0	0	0
0.005966	0	0	0	0	0	0
0.005423	0	0	0	0	0	0
0.006567	0	0	0	0	0	0
0.004682	0	0	0	0	0	0
0.003373	0	0	0	0	0	0
0.003611	0	0	0	0	0	0
0.00772	0	0	0	5	13	18
0.001439	0	0	0	0	0	0
0.001794	0	0	0	0	0	0
0.001408	0	0	0	0	0	0
0.000961	0	0	0	0	0	0
0.000667	0	0	0	0	0	0
0.042382	0.04	13	0	0	0	13
0.0036	0	0	0	0	0	0
0.002591	0	0	0	0	0	0
0.002579	0	0	0	0	0	0
0.004952	0	0	0	0	6	6
0.001629	0	6	0	0	0	6
0.002081	0	0	0	0	0	0
0.001563	0	0	7	0	0	7
0.059842	0	0	0	0	0	0
0.012831	0	0	0	0	0	0
0.00962	0	0	0	0	0	0
0.010227	0	0	0	0	0	0
0.005502	0	0	0	0	0	0
0.007879	0	0	0	0	0	0
0.014886	0	0	0	0	0	0
0.004276	0	0	0	0	0	0
0.002833	0	0	0	0	0	0
0.025013	0	0	0	0	0	0
0.015366	0	0	0	0	0	0
0.009632	0	0	0	0	0	0
0.03472	0	0	0	0	0	0
0.005586	0	0	0	0	0	0
0.043278	0	0	0	0	0	0
0.033628	0	0	0	0	0	0
0.023336	0	0	0	0	0	0
0.010492	0	0	0	0	0	0

0.039876	0	0	0	0	0	0
0.02921	0	0	0	0	0	0
0.140733	0	0	0	0	0	0
0.109445	0	0	0	0	0	0
0.004706	0	0	0	0	0	0
0.016445	0	0	0	0	0	0
0.012727	0	0	0	0	0	0
0.002125	0	0	0	0	0	0
0.013619	0	0	0	0	0	0
0.011317	0	0	0	0	0	0
0.012775	0	0	0	0	0	0
0.005668	0	0	0	0	0	0
0.006055	0	0	0	0	0	0
0.0075	0	0	0	0	0	0
0.108062	0	0	0	0	0	0
0.003028	0	0	0	0	0	0
0.003781	0	0	0	0	0	0
0.004	0	0	0	0	0	0
0.008441	0	0	0	0	0	0
0.008114	0	0	0	0	0	0
0.003862	0	0	0	0	0	0
0.002298	0	0	0	0	0	0
0.032502	0	0	0	0	3	3
0.009303	0	0	0	0	0	0
0.011842	0	0	0	0	0	0
0.007756	0	0	0	0	0	0
0.034258	0	3	0	0	0	3
0.01238	0	0	0	0	0	0
0.01107	0	0	0	0	7	7
0.013838	0	7	0	0	0	7
0.018901	0	0	0	0	0	0
0.017915	0	0	0	0	0	0
0.028391	0	0	0	0	0	0
0.011364	0	0	0	0	0	0
0.054625	0	0	0	0	0	0
0.064202	0	0	0	0	0	0
0.03766	0	0	0	0	0	0
0.119072	0	0	0	0	0	0
0.01378	0	0	0	0	0	0
0.260768	0.06	0	0	0	0	0
0.025338	0	0	0	0	0	0
0.029006	0	0	0	0	0	0
0.040481	0	0	0	0	0	0
0.161678	0	0	0	5	0	5
0.038923	0	0	0	0	0	0
0.061543	0	0	0	0	0	0
0.060596	0	0	0	0	8	8
0.087647	0	0	0	0	0	0
0.005684	0	0	0	0	0	0
0.003519	0	0	5	5	0	10

0.002684	0.01	0	0	0	0	0
0.023645	0.05	0	0	0	0	0
0.007471	0.01	0	0	0	0	0
0.005236	0.01	0	0	0	0	0
0.027762	0.02	0	0	0	0	0
0.005904	0	0	0	0	0	0
0.001938	0	0	0	0	0	0
0.001644	0	0	0	0	0	0
0.002069	0	0	0	0	0	0
0.0021	0	0	0	0	6	6
0.005284	0	6	0	0	0	6
0.038189	0.01	0	0	0	0	0
0.016435	0	0	0	0	0	0
0.210328	0	0	0	0	0	0
0.020156	0	0	0	0	0	0
0.038091	0.05	0	0	0	0	0
0.014601	0	0	0	0	0	0
0.056668	0	0	0	0	0	0
0.019069	0	0	0	0	0	0
0.02596	0	0	0	0	0	0
0.066253	0	0	0	0	0	0
0.048474	0	0	0	0	0	0
0.028388	0	0	0	0	0	0
0.02682	0	0	0	0	0	0
0.026943	0	0	0	0	0	0
0.079164	0	0	0	0	0	0
0.026961	0	0	0	0	0	0
0.024979	0	0	0	0	0	0
0.019973	0	0	0	0	0	0
0.033412	0	0	0	0	0	0
0.023026	0	0	0	0	0	0
0.011259	0	0	0	0	0	0
0.048569	0	0	0	0	0	0
0.060827	0	0	0	0	0	0
0.015361	0	0	0	0	0	0
0.008839	0	0	0	0	0	0
0.022378	0	0	0	0	0	0
0.020842	0	0	0	0	0	0
0.021686	0	0	0	0	0	0
0.019969	0	0	0	0	0	0
0.019719	0	0	0	0	0	0
0.027823	0	0	0	0	0	0
0.025871	0	0	0	0	0	0
0.023038	0	0	0	0	0	0
0.2005	0	0	0	0	0	0
0.045657	0	0	0	0	0	0
0.069824	0	0	0	0	0	0
0.127796	0	0	0	0	0	0
0.048049	0	0	0	0	0	0
0.0629	0	0	0	0	0	0

0.057768	0	0	0	0	0	0
0.057951	0	0	0	0	0	0
0.054176	0	0	0	0	0	0
0.058075	0	0	0	0	0	0
0.040484	0	0	0	0	0	0
0.046453	0	0	0	0	0	0
0.169629	0	0	0	0	0	0
0.020998	0	0	0	0	0	0
0.026748	0	0	0	0	0	0
0.016552	0	0	0	0	0	0
0.144703	0	0	0	0	0	0
0.027605	0	0	0	0	0	0
0.064231	0	0	0	0	0	0
0.067973	0	0	0	0	0	0
0.226708	0	0	0	0	0	0
0.438445	0.02	0	0	0	0	0
0.044441	0	0	0	0	0	0
0.106031	0	0	0	0	0	0
0.024736	0	0	0	0	0	0
0.070622	0	0	0	0	0	0
0.021427	0	0	0	0	0	0
0.008574	0	0	0	0	0	0
0.002214	0	0	0	0	0	0
0.003755	0	0	0	0	0	0
0.046885	0	0	0	7	0	7
0.005444	0	0	0	0	0	0
0.003808	0	0	0	0	0	0
0.007858	0	0	0	0	0	0
0.022654	0	0	0	0	0	0
0.008215	0	0	0	0	0	0
0.012036	0	0	0	0	0	0
0.012095	0	0	0	0	0	0
0.085085	0	0	0	0	0	0
0.021898	0	0	0	0	0	0
0.026212	0	0	0	0	0	0
0.072983	0	0	0	0	0	0
0.011602	0	0	0	0	0	0
0.140997	0	0	0	0	0	0
0.048469	0	0	0	0	0	0
0.035525	0	0	0	0	0	0
0.051428	0	0	0	0	0	0
0.010869	0	0	0	0	0	0
0.041851	0	0	0	0	0	0
0.017321	0	0	0	0	0	0
0.022294	0	0	0	0	0	0
0.021224	0	0	0	0	0	0
0.128822	0	0	0	0	0	0
0.192374	0	0	0	0	0	0
0.019063	0	0	0	0	0	0
0.02137	0	0	0	0	0	0

0.033148	0	0	0	0	0	0
0.061288	0	0	0	0	0	0
0.061132	0	0	0	0	0	0
0.055215	0	0	0	0	0	0
0.064474	0	0	0	0	0	0
0.058925	0	0	0	0	0	0
0.060939	0	0	0	0	0	0
0.044952	0	0	0	0	0	0
0.04007	0	0	0	0	0	0
0.050039	0	0	0	0	0	0
0.041923	0	0	0	0	0	0
0.020915	0	0	0	0	0	0
0.043796	0	0	0	0	0	0
0.023514	0	0	0	0	0	0
0.021733	0	0	0	0	0	0
0.045021	0	0	0	0	0	0
0.019027	0	0	0	0	0	0
0.016372	0	0	0	0	0	0
0.018127	0	0	0	0	0	0
0.033572	0	0	0	0	0	0
0.004657	0	0	0	0	0	0
0.002956	0	0	0	0	0	0
0.035329	0	0	0	0	0	0
0.005324	0	0	0	0	0	0
0.010827	0	0	0	0	0	0
0.003158	0	0	0	0	0	0
0.011821	0	0	0	0	0	0
0.027092	0	0	0	0	0	0
0.003242	0	0	0	0	0	0
0.048552	0	0	0	0	0	0
0.04621	0	0	0	0	0	0
0.003342	0	0	0	0	0	0
0.062902	0	0	0	0	0	0
0.021623	0	0	0	0	0	0
0.025232	0	0	0	0	0	0
0.033716	0	0	0	0	0	0
0.006242	0	0	0	0	0	0
0.025913	0	0	0	0	0	0
0.016605	0	0	0	0	0	0
0.018248	0	0	0	0	0	0
0.015624	0	0	0	0	0	0
0.044396	0	0	0	0	0	0
0.023933	0	0	0	0	0	0
0.02726	0	0	0	0	0	0
0.021405	0	0	0	0	0	0
0.130344	0	0	0	0	0	0
0.285796	0	0	0	0	0	0
0.004512	0	0	0	0	0	0
0.040226	0	0	0	0	0	0
0.086659	0	0	0	0	0	0

0.040811	0	0	0	0	0	0
0.040586	0	0	0	0	0	0
0.02744	0	0	0	0	0	0
0.11672	0	0	0	0	0	0
0.03928	0	0	0	0	0	0
0.040523	0	0	0	0	0	0
0.03324	0	0	0	0	0	0
0.02076	0	0	0	0	0	0
0.05642	0	0	0	0	0	0
0.053684	0	0	0	0	0	0
0.037678	0	0	0	0	0	0
0.03853	0	0	0	0	0	0
0.038742	0	0	0	0	0	0
0.031647	0	0	0	0	0	0
0.052308	0	0	0	0	0	0
0.074563	0	0	0	0	0	0
0.086351	0	0	0	0	0	0
0.059204	0	0	0	0	0	0
0.081266	0	0	0	0	0	0
0.048378	0	0	0	0	0	0
0.046045	0	0	0	0	0	0
0.065851	0	0	0	0	0	0
0.059097	0	0	0	0	0	0
0.042076	0	0	0	0	0	0
0.061406	0	0	0	0	0	0
0.034003	0	0	0	0	0	0
0.067323	0	0	0	0	0	0
0.062654	0	0	0	0	0	0
0.045702	0	0	0	0	0	0
0.013215	0	0	0	0	0	0
0.02915	0	0	0	0	0	0
0.011593	0	0	0	0	0	0
0.031823	0	0	0	0	0	0
0.012469	0	0	0	0	0	0
0.006665	0	0	0	0	0	0
0.00719	0	0	0	0	0	0
0.008125	0.04	0	0	0	0	0
0.038934	0	0	0	0	0	0
0.018201	0	0	0	0	0	0
0.207304	0	0	0	0	7	7
0.641825	0	0	0	0	0	0
0.050852	0	0	0	0	0	0
0.067397	0	0	0	0	0	0
0.103657	0	0	0	0	0	0
0.036623	0	0	0	0	0	0
0.067772	0	0	0	0	0	0
0.031721	0	0	0	0	0	0
0.041497	0	0	0	0	0	0
0.015655	0	0	0	0	0	0
0.011994	0	0	0	0	0	0



0.119894	0	0	0	0	0	0
0.115365	0	0	0	0	0	0
0.159148	0	0	0	0	0	0
0.083019	0	0	0	0	0	0
0.054992	0	0	0	0	0	0
0.022002	0	0	0	0	0	0
0.022178	0	0	0	0	0	0
0.011813	0	0	0	0	0	0
0.024277	0	0	0	0	0	0
0.054051	0	0	0	0	0	0
0.146923	0	0	0	0	0	0
0.126174	0	0	0	0	0	0
0.051603	0	0	0	0	0	0
0.059793	0	0	0	0	0	0
0.002491	0	0	0	0	0	0
0.001152	0	0	0	0	0	0
0.002978	0	0	0	0	0	0
0.00154	0	0	0	0	0	0
0.001784	0	0	0	0	0	0
0.004792	0	0	0	0	0	0
0.04368	0	0	0	0	0	0
0.004251	0	0	0	0	0	0
0.004275	0	0	0	0	0	0
0.008658	0	0	0	0	0	0
0.012566	0	0	0	0	0	0
0.005087	0	0	0	0	0	0
0.049789	0	0	0	0	0	0
0.044657	0	0	0	0	0	0
0.06769	0	0	0	0	0	0
0.009875	0	0	0	0	0	0
0.011736	0	0	0	0	0	0
0.024129	0	0	0	0	0	0
0.010083	0	0	0	0	0	0
0.061758	0.02	0	0	0	0	0
0.011101	0	0	0	0	0	0
0.011001	0	0	0	0	0	0
0.011251	0	0	0	0	0	0
0.022851	0	0	0	0	0	0
0.009202	0	0	0	0	0	0
0.00661	0	0	0	0	0	0
0.020507	0	0	0	0	0	0
0.015217	0	0	0	0	0	0
0.04783	0	0	0	0	0	0
0.061112	0	0	0	0	0	0
0.088483	0.18	0	0	0	0	0
0.11454	0	0	0	0	0	0
0.052683	0	0	0	0	0	0
0.046765	0	0	0	0	0	0
0.042218	0	0	0	0	0	0
0.021586	0	0	0	0	0	0

0.013045	0	0	0	0	0	0
0.052897	0.02	0	0	0	0	0
0.058921	0.14	0	0	0	0	0
0.058856	0.04	0	0	0	0	0
0.025545	0	0	0	0	0	0
0.071795	0	0	0	0	0	0
0.023737	0	0	0	0	0	0
0.175273	0.08	0	0	0	0	0
0.018426	0	0	0	0	0	0
0.016625	0	0	0	0	5	5
0.00209	0	5	0	0	0	5
0.114864	0	0	0	0	0	0
0.009569	0	0	0	0	0	0
0.004517	0	0	0	0	0	0
0.021234	0	0	0	0	0	0
0.004713	0	0	0	0	0	0
0.003781	0	0	0	0	0	0
0.004915	0	0	0	0	0	0
0.008499	0	0	0	0	0	0
0.030636	0	0	0	0	0	0
0.010522	0	0	0	0	0	0
0.009329	0	0	0	0	0	0
0.009926	0	0	0	0	0	0
0.010609	0	0	0	0	0	0
0.00921	0	0	0	0	0	0
0.009549	0	0	0	0	0	0
0.020951	0	0	0	0	0	0
0.022837	0	0	0	0	0	0
0.052621	0	0	0	0	0	0
0.041796	0.1	0	0	0	0	0
0.011852	0	0	0	0	0	0
0.03259	0	0	0	0	0	0
0.005287	0	0	0	0	0	0
0.013496	0	0	0	0	0	0
0.016781	0	0	0	0	0	0
0.003703	0	0	0	0	0	0
0.037701	0	0	0	0	0	0
0.036579	0	0	0	0	0	0
0.169518	0	0	0	0	0	0
0.029938	0	0	0	0	0	0
0.021028	0	0	0	0	0	0
0.004889	0	0	0	0	0	0
0.075122	0	0	0	0	0	0
0.043233	0	0	0	0	0	0
0.045815	0	0	0	0	0	0
0.042982	0	0	6	0	0	6
0.049187	0	0	0	0	0	0
0.015801	0	0	0	0	0	0
0.054716	0	0	0	0	0	0
0.054143	0	0	0	0	0	0

0.098037	0	0	0	0	0	0
0.061694	0	0	0	0	0	0
0.049068	0	0	0	0	0	0
0.066643	0	0	0	0	0	0
0.205453	0	0	0	0	0	0
0.031165	0	0	0	0	0	0
0.031917	0	0	0	0	0	0
0.056591	0	0	0	0	0	0
0.050735	0	0	0	0	0	0
0.041848	0	0	0	0	0	0
0.038711	0	0	0	0	0	0
0.238828	0	0	0	0	0	0
0.026986	0	0	0	0	0	0
0.031077	0	0	0	0	0	0
0.027779	0	0	0	0	0	0
0.040625	0	0	0	0	0	0
0.025845	0	0	0	0	0	0
0.020417	0	0	0	0	0	0
0.021829	0	0	0	0	0	0
0.020981	0	0	0	0	0	0
0.216978	0	0	0	0	0	0
0.328028	0	0	0	0	0	0
0.144634	0	0	0	0	0	0
0.161638	0	0	0	0	0	0
0.087093	0	0	0	0	0	0
0.165124	0	0	0	0	0	0
0.116335	0	0	0	0	0	0
0.048163	0	0	0	0	0	0
0.051454	0	0	0	0	0	0
0.025084	0	0	0	0	0	0
0.024577	0	0	0	0	0	0
0.008605	0	0	0	0	0	0
0.008086	0	0	0	0	0	0
0.085393	0	0	0	0	0	0
0.049361	0	0	0	0	0	0
0.066106	0	0	0	0	0	0
0.040413	0	0	0	0	0	0
0.040112	0	0	0	0	0	0
0.051695	0	0	0	0	0	0
0.076132	0	0	0	0	0	0
0.236079	0.01	0	0	0	0	0
0.045708	0	0	0	0	0	0
0.066914	0	0	0	0	0	0
0.075881	0	0	0	0	0	0
0.070299	0	0	0	0	0	0
0.060174	0	0	0	0	0	0
0.114741	0	0	0	0	0	0
0.064292	0	0	0	0	0	0
0.186717	0	0	0	0	0	0
0.060348	0	0	0	0	0	0

0.045767	0	0	0	0	0	0
0.083035	0	0	0	0	0	0
0.04288	0	0	0	0	0	0
0.08341	0	0	0	0	0	0
0.104512	0	0	0	0	0	0
0.335335	0	0	0	0	0	0
0.182373	0	0	0	0	0	0
0.420225	0	0	0	0	0	0
0.474873	0	0	0	0	0	0
0.052793	0	0	0	0	0	0
0.047431	0	0	0	0	0	0
0.072235	0	0	0	0	0	0
0.050217	0	0	0	0	0	0
0.034654	0	0	0	0	0	0
0.052888	0	0	0	0	0	0
0.048966	0	0	0	0	0	0
0.026129	0	0	0	0	0	0
0.019161	0	0	0	0	0	0
0.023159	0	0	0	0	0	0
0.022871	0	0	0	0	0	0
0.01435	0	0	0	0	0	0
0.024687	0	0	0	0	0	0
0.039821	0	0	0	0	0	0
0.078918	0	0	0	0	0	0
0.034658	0	0	0	0	0	0
0.029296	0	0	0	0	0	0
0.027105	0	0	0	0	0	0
0.025769	0	0	0	0	0	0
0.021477	0	0	0	0	0	0
0.023993	0	0	0	0	0	0
0.238837	0	0	0	0	0	0
0.025021	0	0	0	0	0	0
0.056915	0	0	0	0	0	0
0.04352	0	0	0	0	0	0
0.107344	0	0	0	0	0	0
0.048194	0	0	0	0	0	0
0.078406	0	0	0	0	0	0
0.042438	0	0	0	0	0	0
0.067979	0	0	0	0	0	0
0.142331	0	0	0	0	0	0
0.12279	0	0	0	0	0	0
0.100744	0	0	0	0	0	0
0.054846	0	0	0	0	0	0
0.090808	0	0	0	0	0	0
0.074576	0	0	0	0	0	0
0.041641	0	0	0	0	0	0
0.056127	0	0	0	0	0	0
0.065933	0	0	0	0	0	0
0.054606	0	0	0	0	0	0
0.047276	0	0	0	0	0	0

0.04063	0	0	0	0	0	0
0.032216	0	0	0	0	0	0
0.058081	0	0	0	0	0	0
0.052881	0	0	0	0	0	0
0.064809	0	0	0	0	0	0
0.055947	0	0	0	0	0	0
0.13162	0	0	0	0	0	0
0.029532	0	0	0	0	0	0
0.034555	0	0	0	0	0	0
0.042263	0	0	0	0	0	0
0.027988	0	0	0	0	0	0
0.042885	0	0	0	0	0	0
0.184517	0	0	0	0	0	0
0.060587	0	0	0	0	0	0
0.053615	0	0	0	0	0	0
0.31293	0	0	0	0	0	0
0.044236	0	0	0	0	0	0
0.067275	0	0	0	0	0	0
0.045215	0	0	0	0	0	0
0.052605	0	0	0	0	0	0
0.064536	0	0	0	0	0	0
0.041863	0	0	0	0	0	0
0.015202	0	0	0	0	0	0
0.298978	0	0	0	0	0	0
0.012504	0	0	0	0	0	0
0.019421	0	0	0	0	0	0
0.010361	0	0	0	0	0	0
0.060547	0	0	0	0	0	0
0.03281	0	0	0	0	0	0
0.037994	0	0	0	0	0	0
0.362044	0	0	0	0	0	0
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0.052103	0	0	0	0	0	0
0.135317	0	0	0	0	0	0
0.03815	0	0	0	0	0	0
0.209802	0	0	0	0	0	0
0.094439	0	0	0	0	0	0
0.051969	0	0	0	0	0	0
0.050732	0	0	0	0	0	0
0.073143	0	0	0	0	0	0
0.052445	0	0	0	0	0	0
0.0608	0	0	0	0	0	0
0.049863	0	0	0	0	0	0
0.053418	0	0	0	0	0	0
0.040361	0	0	0	0	0	0
0.21581	0	0	0	0	0	0
0.043594	0	0	0	0	0	0
0.044802	0	0	0	0	0	0
0.146291	0	0	0	0	0	0
0.31532	0.08	0	0	0	0	0

0.046517	0	0	0	0	0	0
0.492175	0.06	0	0	0	0	0
0.061284	0	0	0	0	0	0
0.060604	0	0	0	0	0	0
0.11513	0	0	0	0	0	0
0.046878	0	0	0	0	0	0
0.118891	0	0	0	0	0	0
0.082894	0	0	0	0	0	0
0.379452	0	0	0	0	0	0
0.096751	0	0	0	0	0	0
0.20946	0	0	0	0	0	0
0.058078	0	0	0	0	0	0
0.055061	0	0	0	0	0	0
0.092276	0	0	0	0	0	0
0.073319	0	0	0	0	0	0
0.064001	0	0	0	0	0	0
0.05293	0	0	0	0	0	0
0.05379	0	0	0	0	0	0
0.054372	0	0	0	0	0	0
0.053952	0	0	0	0	0	0
0.034654	0	0	0	0	0	0
0.041879	0	0	0	0	0	0
0.067526	0	0	0	0	0	0
0.045435	0	0	0	0	0	0
0.029773	0	0	0	0	0	0
0.141553	0	0	0	0	0	0
0.03549	0	0	0	0	0	0
0.048796	0	0	0	0	0	0
0.030471	0	0	0	0	0	0
0.055429	0	0	0	0	0	0
0.039641	0	0	0	0	0	0
0.043905	0	0	0	0	0	0
0.032958	0	0	0	0	0	0
0.029487	0	0	0	0	0	0
0.030697	0	0	0	0	0	0
0.031889	0	0	0	0	0	0
0.03095	0	0	0	0	0	0
0.020978	0	0	0	0	0	0
0.026148	0	0	0	0	0	0
0.017454	0	0	0	0	0	0
0.017486	0	0	0	0	0	0
0.021099	0	0	0	0	0	0
0.021717	0	0	0	0	0	0
0.016173	0	0	0	0	0	0
0.016049	0	0	0	0	0	0
0.013499	0	0	0	0	0	0
0.009801	0	0	0	0	0	0
0.013177	0	0	0	0	0	0
0.010775	0	0	0	0	0	0
0.014663	0	0	0	0	0	0

0.003846	0	0	0	0	0	0
0.002518	0	0	0	0	0	0
0.011222	0	0	0	0	0	0
0.049139	0	0	0	0	0	0
0.061889	0	0	0	0	0	0
0.029696	0	0	0	0	0	0
0.061291	0	0	0	0	0	0
0.04567	0	0	0	0	0	0
0.061338	0	0	0	0	0	0
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0.157489	0	0	0	0	0	0
0.091711	0	0	0	0	0	0
0.035203	0	0	0	0	0	0
0.056956	0	0	0	0	0	0
0.058881	0	0	0	0	0	0
0.051884	0	0	0	0	0	0
0.138367	0	0	0	0	0	0
0.170411	0	0	0	0	0	0
0.043743	0	0	0	0	0	0
0.015391	0	0	0	0	0	0
0.001581	0	0	0	0	0	0
0.002322	0	0	0	0	0	0
0.001748	0	0	0	0	0	0
0.357781	0.06	0	0	0	0	0
0.019037	0	0	0	0	0	0
0.003323	0	0	0	0	0	0
0.006738	0	0	0	0	0	0
0.003143	0	0	0	0	0	0
0.007575	0	0	0	0	0	0
0.008365	0	0	0	0	0	0
0.292879	0.13	0	0	0	0	0
0.089937	0	0	0	0	0	0
0.070874	0	0	0	0	0	0
0.083033	0	0	0	0	0	0
0.021665	0	0	0	0	0	0
0.014808	0	0	0	0	0	0
0.049581	0	0	0	0	0	0
0.042927	0	0	0	0	0	0
0.07324	0	0	0	0	0	0
0.03263	0	0	0	0	0	0
0.084384	0	0	0	0	0	0
0.408782	0	0	0	0	0	0
0.04941	0	0	0	0	0	0
0.047075	0	0	0	0	0	0
0.0607	0	0	0	0	0	0
0.066868	0	0	0	0	0	0
0.092828	0	0	0	0	0	0
0.131521	0	0	0	0	0	0
0.061638	0	0	0	0	0	0
0.193296	0	0	0	0	0	0

0.034417	0	0	0	0	0	0
0.100828	0	0	0	0	0	0
0.039566	0	0	0	0	0	0
0.05426	0	0	0	0	0	0
0.062829	0	0	0	0	0	0
0.053562	0	0	0	0	0	0
0.042326	0	0	0	0	0	0
0.05001	0	0	0	0	0	0
0.034661	0	0	0	0	0	0
0.115551	0	0	0	0	0	0
0.053132	0	0	0	0	0	0
0.063914	0	0	0	0	0	0
0.085182	0	0	0	0	0	0
0.204344	0	0	0	0	0	0
0.058152	0	0	0	0	0	0
0.057226	0	0	0	0	0	0
0.076201	0	0	0	0	0	0
0.081376	0	0	0	0	0	0
0.065232	0	0	0	0	0	0
0.05455	0	0	0	0	0	0
0.064331	0	0	0	0	0	0
0.062028	0	0	0	0	0	0
0.024574	0	0	0	0	0	0
0.013549	0	0	0	0	0	0
0.047598	0	0	0	0	0	0
0.095898	0	0	0	0	0	0
0.092084	0	0	0	0	0	0
0.043399	0	0	0	0	0	0
0.065499	0	0	0	0	0	0
0.170618	0	0	0	0	0	0
0.032791	0	0	0	0	0	0
0.028645	0	0	0	0	0	0
0.018746	0	0	0	0	0	0
0.00768	0	0	0	0	0	0
0.009872	0	0	0	0	0	0
0.060867	0	0	0	0	0	0
0.012749	0	0	0	0	0	0
0.031188	0	0	0	0	0	0
0.01327	0	0	0	0	0	0
0.007525	0	0	0	2	0	2
0.013504	0	0	0	0	0	0
0.022693	0	0	0	0	0	0
0.029841	0	0	0	0	0	0
0.005991	0	0	0	0	0	0
0.006122	0	0	0	0	0	0
0.003902	0	0	0	0	0	0
0.005599	0	0	0	0	0	0
0.003995	0	0	0	0	0	0
0.021426	0	0	0	0	0	0
0.010192	0	0	0	0	0	0



0.006303	0	0	0	0	0	0
0.007598	0	0	0	0	0	0
0.009026	0	0	0	0	0	0
0.008121	0	0	0	0	0	0
0.008512	0	0	0	0	0	0
0.036106	0	0	0	0	0	0
0.005911	0	0	0	0	0	0
0.003832	0	0	0	0	0	0
0.004597	0	0	0	0	0	0
0.003822	0	0	0	0	0	0
0.022613	0	0	0	0	0	0
0.001586	0	0	0	0	0	0
0.002194	0	0	0	0	0	0
0.009194	0.01	0	0	0	0	0
0.329965	0	0	0	0	0	0
0.351775	0	0	0	0	0	0
0.21222	0.02	0	0	0	0	0
0.143642	0.01	0	0	0	0	0
0.12921	0.03	0	0	0	0	0
0.051753	0.06	0	0	0	0	0
0.123204	0.12	0	0	0	0	0
0.065937	0	0	0	0	0	0
0.216292	0	0	0	0	0	0
0.36615	0	0	0	0	0	0
0.365654	0.05	0	0	0	0	0
0.003225	0	0	0	0	0	0
0.002278	0	0	0	0	0	0
0.00167	0	0	0	0	0	0
0.001804	0	0	0	0	0	0
0.004059	0	0	0	0	0	0
0.003243	0	0	0	0	0	0
0.032084	0	0	0	0	0	0
0.006962	0	0	0	0	0	0
0.009586	0	0	0	0	0	0
0.00873	0	0	0	0	0	0
0.037851	0	0	0	0	0	0
0.009891	0	0	0	0	0	0
0.01298	0	0	0	0	0	0
0.068342	0	0	0	0	0	0
0.045869	0.04	4	0	0	0	4
0.007368	0.02	0	0	0	0	0
0.000994	0	0	0	0	0	0
0.05115	0	0	0	0	0	0
0.062251	0	0	0	0	0	0
0.030618	0	0	0	0	0	0
0.00774	0	0	0	0	0	0
0.064718	0.1	0	0	0	0	0
0.107454	0.04	0	0	1	0	1
0.037344	0	0	0	0	0	0
0.013979	0	0	0	0	0	0

0.01379	0	0	0	0	0	0
0.186219	0	0	0	0	0	0
0.040533	0	0	0	0	0	0
0.095789	0	0	0	0	0	0
0.041369	0.01	0	0	0	0	0
0.002458	0	0	0	0	0	0
0.03236	0	0	0	0	0	0
0.03218	0	0	0	0	0	0
0.04992	0	0	0	0	0	0
0.032985	0	0	0	0	0	0
0.058661	0	0	0	0	0	0
0.035069	0	0	0	0	0	0
0.053534	0	0	0	0	0	0
0.040746	0	0	0	0	0	0
0.028492	0	0	0	0	0	0
0.044798	0	0	0	0	0	0
0.059174	0	0	0	0	0	0
0.062204	0	0	0	0	0	0
0.034782	0	0	0	0	0	0
0.032214	0	0	0	0	0	0
0.035114	0	0	0	0	0	0
0.036131	0	0	0	0	0	0
0.046869	0	0	0	0	0	0
0.003595	0	0	0	0	0	0
0.298611	0	0	0	0	0	0
0.050281	0	0	0	0	0	0
0.018245	0	0	0	0	0	0
0.004029	0	0	0	0	0	0
0.094439	0	2	0	0	0	2
0.038141	0	0	0	0	0	0
0.084902	0	0	0	0	0	0
0.039352	0	0	0	0	0	0
0.184279	0	0	0	0	0	0
0.016285	0	0	0	0	0	0
0.008377	0.01	0	0	0	0	0
0.003811	0	0	0	0	0	0
0.000219	0	0	0	0	0	0
0.000051	0	0	0	0	0	0
0.008017	0	0	0	0	0	0
0.000774	0	0	0	0	0	0
0.000341	0	0	0	0	0	0
0.000615	0	0	0	0	0	0
0.000437	0	0	0	0	0	0
0.014384	0	0	0	0	1	1
0.000635	0	1	0	0	0	1
0.02192	0	0	0	0	0	0
0.004869	0	0	0	0	0	0
0.019715	0	0	0	0	0	0
0.00333	0	0	0	0	0	0
0.002318	0	0	0	0	0	0

0.005635	0	0	0	0	0	0
0.006884	0	0	0	0	0	0
0.006569	0	0	0	0	0	0
0.004911	0	0	0	0	0	0
0.006717	0	0	0	0	0	0
0.00775	0	0	0	0	0	0
0.007081	0	0	0	0	0	0
0.007693	0.03	0	0	0	0	0
0.037394	0	0	0	0	0	0
0.00825	0.05	0	0	0	0	0
0.024675	0	0	0	0	0	0
0.015064	0	0	0	0	0	0
0.032757	0	0	0	0	0	0
0.032254	0	0	0	0	0	0
0.0344	0	0	0	0	0	0
0.019997	0	0	0	0	0	0
0.011558	0	0	0	0	0	0
0.019175	0	0	0	0	0	0
0.024401	0	0	0	0	0	0
0.016282	0	0	0	0	0	0
0.010252	0	0	0	0	0	0
0.029403	0	0	0	0	0	0
0.010179	0	0	0	0	0	0
0.014651	0	0	0	0	0	0
0.008402	0	0	0	0	0	0
0.010755	0	0	0	0	0	0
0.200659	0	0	0	0	0	0
0.02665	0	0	0	0	0	0
0.022921	0	0	0	0	0	0
0.028835	0	0	0	0	0	0
0.057057	0	0	0	0	0	0
0.014596	0	0	0	0	0	0
0.022288	0	0	0	0	0	0
0.016716	0	0	0	0	0	0
0.019008	0	0	0	0	0	0
0.037783	0	0	0	0	0	0
0.054039	0	0	0	0	0	0
0.051613	0	0	0	0	0	0
0.011536	0	0	0	0	0	0
0.036004	0	0	0	0	0	0
0.059217	0	0	0	0	0	0
0.024802	0	0	0	0	0	0
0.030017	0	0	0	0	0	0
0.045576	0	0	0	0	0	0
0.051565	0	0	0	0	0	0
0.024523	0	0	0	0	0	0
0.019012	0	0	0	0	0	0
0.012767	0	0	0	0	0	0
0.013727	0	0	0	0	0	0
0.010933	0	0	0	0	0	0

0.053034	0	0	0	0	0	0
0.013145	0	0	0	0	0	0
0.053982	0	0	0	0	0	0
0.013273	0	0	0	0	0	0
0.012076	0	0	0	0	0	0
0.022793	0	0	0	0	0	0
0.028991	0	0	0	0	0	0
0.008193	0	0	0	0	0	0
0.033143	0	0	0	0	0	0
0.016245	0	0	0	0	0	0
0.032582	0	0	0	0	0	0
0.050838	0	0	0	0	0	0
0.022865	0	0	0	0	0	0
0.021067	0	0	0	0	0	0
0.023886	0	0	0	0	0	0
0.020532	0	0	0	0	0	0
0.293641	0	0	0	5	0	5
0.030092	0	0	0	0	0	0
0.022509	0	0	0	0	0	0
0.01613	0	0	0	0	0	0
0.030302	0	0	0	0	0	0
0.023109	0	0	0	0	0	0
0.019298	0	0	0	0	0	0
0.017366	0	0	0	0	0	0
0.029752	0	0	0	0	0	0
0.022345	0	0	0	0	0	0
0.013962	0	0	0	0	0	0
0.265682	0	0	6	0	0	6
0.049851	0	0	0	0	0	0
0.012391	0	0	0	0	0	0
0.011844	0	0	0	0	0	0
0.016791	0	0	0	0	0	0
0.014066	0	0	0	0	0	0
0.01115	0	0	0	0	0	0
0.019861	0	0	0	0	0	0
0.017577	0	0	0	0	0	0
0.016026	0	0	0	0	0	0
0.020618	0	0	0	0	0	0
0.053762	0	0	0	0	0	0
0.011026	0	0	0	0	0	0
0.013704	0	0	0	0	0	0
0.052757	0	0	0	0	0	0
0.013167	0	2	0	1	3	6
0.027643	0	3	1	0	0	4
0.019367	0	0	0	0	4	4
0.026639	0	4	3	0	2	9
0.025612	0	2	0	1	4	7
0.026678	0	0	0	0	0	0
0.031859	0	0	0	0	0	0
0.031716	0	0	0	0	0	0

0.058396	0	0	0	0	0	0
0.028098	0	0	0	0	0	0
0.018427	0	0	0	0	0	0
0.04178	0	0	0	0	0	0
0.051402	0	0	0	0	0	0
0.06913	0	0	0	0	0	0
0.047999	0	0	0	0	0	0
0.058718	0	0	0	0	0	0
0.061829	0	0	0	0	0	0
0.051934	0	0	0	0	0	0
0.046932	0	0	0	0	0	0
0.052378	0	0	0	0	0	0
0.052544	0	0	0	0	0	0
0.061632	0	0	0	0	0	0
0.047586	0	0	0	0	0	0
0.05226	0	0	0	0	0	0
0.052607	0	0	0	0	0	0
0.043228	0	0	0	0	0	0
0.039407	0	0	0	0	0	0
0.043769	0	0	0	0	0	0
0.046931	0	0	0	0	0	0
0.060462	0	0	0	0	0	0
0.026814	0	0	0	0	0	0
0.016116	0	0	0	0	0	0
0.021842	0	0	0	0	0	0
0.034721	0	0	0	0	0	0
0.032185	0	0	0	0	0	0
0.026855	0	0	0	0	0	0
0.3686	0	0	0	0	0	0
0.020559	0	0	0	0	0	0
0.030142	0	0	0	0	0	0
0.053994	0	0	0	0	0	0
0.064407	0	0	0	0	0	0
0.054913	0	0	0	0	0	0
0.012943	0	0	0	0	0	0
0.011226	0	0	0	0	0	0
0.006041	0	0	0	0	0	0
0.009226	0	0	0	0	0	0
0.00605	0	0	0	0	0	0
0.009419	0	0	0	0	0	0
0.009032	0	0	0	0	0	0
0.008707	0	0	0	0	0	0
0.005293	0	0	0	0	0	0
0.005365	0	0	0	0	0	0
0.011411	0	0	0	0	0	0
0.004994	0	0	0	0	0	0
0.004971	0	0	0	0	0	0
0.00631	0	0	0	0	0	0
0.005761	0	0	0	0	0	0
0.002515	0	0	0	0	0	0

0.018533	0	0	0	0	0	0
0.119332	0	0	0	0	0	0
0.00369	0	0	0	0	0	0
0.0034	0	0	0	0	0	0
0.002639	0	0	0	0	0	0
0.087052	0	0	0	0	0	0
0.003468	0	0	0	0	0	0
0.007798	0	0	0	0	0	0
0.004559	0	0	0	0	0	0
0.003605	0	0	0	0	0	0
0.002502	0	0	0	0	0	0
0.002297	0	0	0	0	0	0
0.008793	0	0	0	0	0	0
0.012739	0	0	0	0	0	0
0.017755	0	0	0	0	0	0
0.008902	0	0	0	0	0	0
0.009235	0	0	0	0	0	0
0.009855	0	0	0	0	0	0
0.013704	0	0	0	0	0	0
0.026787	0	0	0	0	0	0
0.008677	0	0	0	0	0	0
0.056685	0	0	0	0	0	0
0.04173	0	0	0	0	0	0
0.056921	0	0	0	0	0	0
0.036705	0	0	0	0	0	0
0.097797	0	0	0	0	0	0
0.209917	0	0	0	0	0	0
0.062902	0	0	0	0	0	0
0.057428	0	0	0	0	0	0
0.028949	0	0	0	0	0	0
0.131707	0	0	0	0	0	0
0.023351	0	0	0	0	0	0
0.013478	0	0	0	0	0	0
0.023419	0	0	0	0	0	0
0.017714	0	0	0	0	0	0
0.034433	0	0	0	0	0	0
0.028132	0	0	0	0	0	0
0.040517	0	0	0	0	0	0
0.044189	0	0	0	0	0	0
0.070213	0	0	0	0	0	0
0.064273	0	0	0	0	0	0
0.085527	0	0	0	0	0	0
0.049698	0	0	0	0	0	0
0.061261	0	0	0	0	0	0
0.059464	0	0	0	0	0	0
0.047733	0	0	0	0	0	0
0.057476	0	0	0	0	0	0
0.054887	0	0	0	0	0	0
0.436366	0.15	0	0	0	0	0
0.029664	0	0	0	0	0	0

0.041523	0	0	0	0	0	0
0.047358	0	0	0	0	0	0
0.037229	0	0	0	0	0	0
0.053028	0	0	0	0	0	0
0.057188	0	0	0	0	0	0
0.035482	0	0	0	0	0	0
0.044757	0	0	0	0	0	0
0.057842	0	0	0	0	0	0
0.063211	0	0	0	0	0	0
0.036464	0	0	0	0	0	0
0.027558	0	0	0	0	0	0
0.059954	0	0	0	0	0	0
0.01436	0	0	0	0	0	0
0.024424	0	0	0	0	0	0
0.020258	0	0	0	0	0	0
0.038171	0	0	0	0	0	0
0.019151	0	0	0	0	0	0
0.057423	0	0	0	0	0	0
0.075462	0	0	0	0	0	0
0.080751	0	0	0	0	0	0
0.046638	0	0	0	0	0	0
0.047536	0	0	0	0	0	0
0.049419	0	0	0	0	0	0
0.051194	0	0	0	0	0	0
0.04034	0	0	0	0	0	0
0.050624	0	0	0	0	0	0
0.044857	0	0	0	0	0	0
0.036745	0	0	0	0	0	0
0.053517	0	0	0	0	0	0
0.060892	0	0	0	0	0	0
0.035485	0	0	0	0	0	0
0.037742	0	0	0	0	0	0
0.037902	0	0	0	0	0	0
0.051223	0	0	0	0	0	0
0.409035	0.18	0	0	0	0	0
0.51177	0.14	0	0	0	0	0
0.382303	0	0	0	0	0	0
0.052766	0	0	0	0	0	0
0.188338	0	0	0	0	0	0
0.086612	0	0	0	0	0	0
0.107973	0	0	0	0	0	0
0.094355	0	0	0	0	0	0
0.045897	0	0	0	0	0	0
0.043571	0	0	0	0	0	0
0.050109	0	0	0	0	0	0
0.039213	0	0	0	0	0	0
0.105735	0	0	0	0	0	0
0.012712	0	0	0	0	0	0
0.022915	0	0	0	0	0	0
0.148005	0	0	0	0	0	0

0.028622	0	0	0	0	0	0
0.041555	0	0	0	0	0	0
0.046889	0	0	0	0	0	0
0.064442	0	0	0	0	0	0
0.056304	0	0	0	0	0	0
0.118305	0	0	0	0	0	0
0.084763	0	0	0	0	0	0
0.043389	0	0	0	0	0	0
0.042925	0	0	0	0	0	0
0.04123	0	0	0	0	0	0
0.053008	0	0	0	0	0	0
0.052602	0	0	0	0	0	0
0.058134	0	0	0	0	0	0
0.059033	0	0	0	0	0	0
0.028642	0	0	0	0	0	0
0.543911	0	0	0	0	0	0
0.037795	0	0	0	0	0	0
0.050304	0	0	0	0	0	0
0.024685	0	0	0	0	0	0
0.057661	0	0	0	0	0	0
0.079324	0	0	0	0	0	0
0.315618	0	0	0	0	0	0
0.049706	0	0	0	0	0	0
0.156279	0	0	0	0	0	0
0.136097	0.03	0	0	0	0	0
0.159834	0	0	0	0	4	4
0.116351	0	4	0	0	0	4
0.016373	0	0	0	0	0	0
0.173805	0	0	0	0	0	0
0.035857	0	0	0	0	0	0
0.070648	0	0	0	0	0	0
0.03405	0	0	0	0	0	0
0.052507	0	0	0	0	2	2
0.036392	0	2	0	0	0	2
0.231875	0.02	0	0	0	0	0
0.076832	0	0	0	0	0	0
0.043054	0	0	0	0	0	0
0.034497	0	0	0	0	0	0
0.421804	0	0	0	0	0	0
0.145091	0.02	0	0	0	0	0
0.053635	0	0	0	0	0	0
0.155397	0	0	0	0	0	0
0.535639	0	0	0	0	0	0
0.072136	0	0	0	0	0	0
0.09581	0	0	0	0	0	0
0.311092	0	0	0	0	0	0
0.078837	0	0	0	0	0	0
0.179585	0	0	0	0	0	0
0.066861	0	0	0	0	0	0
0.217076	0	0	0	0	0	0



0.038649	0	0	0	0	0	0
0.025302	0	0	0	0	0	0
0.038048	0	0	0	0	0	0
0.160311	0	0	0	0	0	0
0.030905	0	0	0	0	0	0
0.213825	0	0	0	5	0	5
0.223577	0	0	0	0	0	0
0.009042	0	0	0	0	0	0
0.010783	0	0	0	0	0	0
0.006736	0	0	0	0	0	0
0.015711	0	0	0	0	0	0
0.015766	0	0	0	0	0	0
0.006753	0	0	0	0	0	0
0.001146	0.01	0	0	0	0	0
0.001223	0	0	0	0	0	0
0.003132	0	0	0	0	0	0
0.0012	0	0	0	0	0	0
0.001014	0	0	0	0	0	0
0.002053	0	0	0	0	0	0
0.001873	0	0	0	0	0	0
0.001669	0.02	0	0	0	0	0
0.001517	0	0	0	0	0	0
0.001211	0.01	0	0	0	0	0
0.000811	0	0	0	0	0	0
0.058347	0	0	0	0	0	0
0.031132	0	0	0	0	0	0
0.041773	0	0	0	0	0	0
0.20183	0.02	0	0	0	0	0
0.055189	0	0	0	0	0	0
0.024105	0	0	0	0	0	0
0.02963	0	0	0	0	0	0
0.102825	0	0	0	0	0	0
0.039179	0	0	0	0	0	0
0.041887	0	0	0	0	0	0
0.040477	0	0	0	0	0	0
0.024213	0	0	0	0	0	0
0.021949	0	0	0	0	0	0
0.061117	0	0	0	0	0	0
0.046878	0	0	0	0	0	0
0.054312	0	0	0	0	0	0
0.034354	0	0	0	0	0	0
0.047945	0	0	0	0	0	0
0.031839	0	0	0	0	0	0
0.001285	0	0	0	0	0	0
0.000752	0	0	0	0	0	0
0.006917	0	0	0	0	0	0
0.002563	0	0	0	0	0	0
0.009937	0.01	0	0	0	0	0
0.000793	0	0	0	0	0	0
0.002933	0	0	0	0	0	0

0.00038	0	0	0	0	0	0
0.005327	0	0	0	0	0	0
0.005006	0	0	0	0	0	0
0.002975	0	0	0	0	0	0
0.005954	0	0	0	0	0	0
0.003434	0	0	0	0	0	0
0.001765	0	0	0	0	0	0
0.002821	0	0	0	0	0	0
0.005056	0	0	0	0	0	0
0.005009	0	0	0	0	0	0
0.015718	0	0	0	0	0	0
0.010146	0	0	0	0	0	0
0.010089	0	0	0	0	0	0
0.007707	0	0	0	0	0	0
0.007508	0	0	0	0	0	0
0.00733	0	0	0	0	0	0
0.00296	0	0	0	0	0	0
0.001623	0	0	0	0	0	0
0.002863	0	0	0	0	0	0
0.001869	0	0	0	0	0	0
0.009135	0	0	0	0	0	0
0.031467	0	0	0	0	0	0
0.005396	0	0	0	0	0	0
0.008394	0	0	0	0	0	0
0.009343	0	0	0	0	0	0
0.012883	0	0	0	0	0	0
0.013624	0	0	0	0	0	0
0.004391	0	0	0	0	0	0
0.004415	0	0	0	0	0	0
0.01036	0	0	0	0	0	0
0.007608	0	0	0	0	0	0
0.014635	0	0	0	0	0	0
0.058343	0	0	0	0	0	0
0.023896	0	0	0	0	0	0
0.007668	0	0	0	0	0	0
0.002072	0	0	0	0	0	0
0.048834	0	0	0	0	0	0
0.021451	0	0	0	0	0	0
0.012842	0	0	0	0	0	0
0.011068	0	0	0	0	0	0
0.006997	0	0	0	0	0	0
0.007522	0	0	0	0	0	0
0.010072	0	0	0	0	0	0
0.00766	0	0	0	0	0	0
0.009782	0	0	0	0	0	0
0.006963	0	0	0	0	0	0
0.005155	0	0	0	0	0	0
0.014742	0	0	0	0	0	0
0.005572	0	0	0	0	0	0
0.024809	0	0	0	0	0	0

0.045876	0	0	0	0	0	0
0.020881	0	0	0	0	0	0
0.012026	0	0	0	0	0	0
0.006356	0	0	0	0	0	0
0.008739	0	0	0	0	0	0
0.012047	0	0	0	0	0	0
0.014346	0	0	0	0	0	0
0.079371	0	0	0	0	0	0
0.354924	0	0	0	0	0	0
0.053546	0	0	0	0	0	0
0.001922	0	0	0	0	0	0
0.000496	0	0	0	0	0	0
0.000424	0	0	0	0	0	0
0.000819	0	0	0	0	0	0
0.001143	0	0	0	0	0	0
0.000196	0	0	0	0	0	0
0.001028	0	0	0	0	0	0
0.015287	0	0	0	0	0	0
0.008139	0	0	0	0	0	0
0.962729	0	0	0	0	0	0
0.228075	0	0	0	0	0	0
0.047802	0	0	0	0	0	0
0.298275	0	0	0	0	0	0
0.787458	0	0	0	0	0	0
0.411901	0	0	0	0	0	0
0.223785	0	0	0	0	0	0
0.033633	0	0	0	0	0	0
0.104029	0	0	0	0	0	0
0.076732	0	0	0	0	0	0
0.053317	0.02	0	0	0	0	0
0.065077	0	0	0	0	0	0
0.14629	0	0	0	0	0	0
0.05678	0	0	0	0	0	0
0.081558	0	0	0	0	0	0
0.064177	0	0	0	0	0	0
0.051542	0	0	0	0	0	0
0.070079	0	0	0	0	0	0
0.018658	0	0	0	0	0	0
0.032546	0	0	0	0	0	0
0.034354	0	0	0	0	0	0
0.059287	0	0	0	0	0	0
0.002145	0	0	0	0	0	0
0.000384	0	0	0	0	0	0
0.016554	0	0	0	0	0	0
0.014199	0	0	0	0	0	0
0.018052	0	0	0	0	0	0
0.259986	0	0	0	0	0	0
0.040298	0	0	0	0	0	0
0.327775	0	0	0	0	0	0
0.01767	0	0	0	0	0	0

0.039737	0	0	0	0	0	0
0.020433	0	0	0	0	0	0
0.019156	0	0	0	0	0	0
0.017774	0	0	0	0	0	0
0.004517	0	0	0	0	0	0
0.009088	0	0	0	0	0	0
0.01176	0	0	0	0	0	0
0.010747	0	0	0	0	0	0
0.003872	0	0	0	0	0	0
0.001632	0	0	0	0	0	0
0.001422	0	0	0	0	0	0
0.01038	0	0	0	0	0	0
0.002516	0	0	0	0	0	0
0.014582	0	0	0	0	0	0
0.019903	0	0	0	0	0	0
0.011839	0	0	0	0	0	0
0.011515	0	0	0	0	0	0
0.015202	0	0	0	0	0	0
0.007142	0	0	0	0	0	0
0.007566	0	0	0	0	0	0
0.002976	0	0	0	0	0	0
0.007523	0	0	0	0	0	0
0.004908	0	0	0	0	0	0
0.03102	0	0	0	0	0	0
0.014453	0	0	0	0	0	0
0.002766	0	0	0	0	0	0
0.019525	0	0	0	0	0	0
0.007844	0	0	0	0	0	0
0.004629	0	0	0	0	0	0
0.005223	0	0	0	0	0	0
0.008311	0.01	0	0	0	0	0
0.04215	0	0	0	0	0	0
0.087786	0.08	0	0	0	0	0
0.056633	0	0	0	0	0	0
0.039494	0	0	0	0	0	0
0.045483	0	0	0	0	0	0
0.184323	0.12	0	0	0	0	0
0.207736	0.02	0	0	0	0	0
0.148155	0	0	0	0	0	0
0.027149	0	0	0	0	0	0
0.025804	0	0	0	0	0	0
0.014026	0	0	0	0	0	0
0.016918	0	0	0	0	0	0
0.013071	0	0	0	0	0	0
0.018563	0	0	0	0	0	0
0.063615	0	0	0	0	0	0
0.091358	0	0	0	0	0	0
0.010292	0	0	0	0	0	0
0.139595	0	0	0	0	0	0
0.002699	0	0	0	0	0	0

0.002866	0	0	0	0	0	0
0.001229	0	0	0	0	0	0
0.001254	0	0	0	0	0	0
0.290165	0	0	0	0	0	0
0.315643	0	0	0	0	0	0
0.981395	0	0	0	0	0	0
0.196529	0	0	0	0	0	0
0.07349	0	0	0	0	0	0
0.007599	0	0	0	0	0	0
0.022596	0	0	0	0	0	0
0.135045	0	0	0	0	0	0
0.062704	0	0	0	0	0	0
0.007388	0	0	0	0	0	0
0.006296	0	0	0	0	0	0
0.010134	0	0	0	0	0	0
0.016076	0	0	0	0	0	0
0.013359	0	0	0	0	0	0
0.043919	0.03	0	0	0	0	0
0.00966	0	0	0	0	0	0
0.008728	0	0	0	0	0	0
0.0111	0	0	0	0	0	0
0.00471	0	0	0	0	0	0
0.003812	0	0	0	0	0	0
0.045562	0	0	0	0	0	0
0.003407	0	0	0	0	0	0
0.00565	0	0	0	0	0	0
0.023733	0	0	0	0	0	0
0.008852	0	0	0	0	0	0
0.015651	0	0	0	0	0	0
0.024352	0	0	0	0	0	0
0.023934	0	0	0	0	0	0
0.006079	0	0	0	0	0	0
0.009527	0	0	0	0	0	0
0.00725	0	0	0	0	0	0
0.000351	0	0	0	0	0	0
0.000171	0	0	0	0	0	0
0.017681	0	0	0	0	0	0
0.043251	0	0	0	0	0	0
0.07287	0	0	0	0	0	0
0.075407	0	0	0	0	0	0
0.020919	0	0	0	0	0	0
0.015362	0	0	0	0	0	0
0.137936	0	0	5	0	0	5
0.07189	0	0	0	0	0	0
0.006749	0	0	0	0	0	0
0.075411	0	0	0	0	0	0
0.056665	0	0	0	0	0	0
0.028943	0	0	0	0	0	0
0.081221	0	0	0	0	0	0
0.195547	0	0	0	0	0	0

0.07185	0	0	0	0	0	0
0.105618	0	0	0	0	0	0
0.01807	0	0	0	0	0	0
0.036365	0	0	0	0	0	0
0.08676	0	0	0	0	0	0
0.065811	0	0	0	0	0	0
0.166942	0.06	0	0	0	0	0
0.051656	0	0	0	0	0	0
0.045555	0	0	0	0	0	0
0.032218	0	0	0	0	0	0
0.043145	0	0	0	0	0	0
0.058477	0	0	0	0	0	0
0.053022	0	0	0	0	0	0
0.051817	0	0	0	0	0	0
0.050307	0	0	0	0	0	0
0.055659	0	0	0	0	0	0
0.035941	0	0	0	0	0	0
0.051924	0	0	0	0	0	0
0.045991	0	0	0	0	0	0
0.036334	0	0	0	0	0	0
0.040714	0	0	0	0	0	0
0.036192	0	0	0	0	0	0
0.047273	0	0	0	0	0	0
0.034504	0	0	0	0	0	0
0.030483	0	0	0	0	0	0
0.032109	0	0	0	0	0	0
0.027034	0	0	0	0	0	0
0.034331	0	0	0	0	0	0
0.055302	0	0	0	0	0	0
0.033108	0	0	0	1	0	1
0.018777	0	0	0	0	0	0
0.024611	0	0	0	0	0	0
0.016239	0	0	0	0	0	0
0.016583	0	0	0	0	0	0
0.020742	0	0	0	0	0	0
0.016835	0	0	0	0	0	0
0.012751	0	0	0	0	0	0
0.010635	0	0	0	0	0	0
0.012761	0	0	0	0	0	0
0.013822	0	0	0	0	0	0
0.044546	0	0	0	0	0	0
0.047081	0	0	0	0	0	0
0.047377	0	0	0	0	0	0
0.000119	0	0	0	0	0	0
0.001656	0	0	0	0	0	0
0.000081	0	0	0	0	0	0
0.000079	0	0	0	0	0	0
0.000104	0	0	0	0	0	0
0.000072	0	0	0	0	0	0
0.000126	0	0	0	0	0	0

0.001208	0	0	0	0	0	0
0.000283	0	0	0	0	0	0
0.000186	0	0	0	0	0	0
0.000248	0	0	0	0	0	0
0.00012	0	0	0	0	0	0
0.000076	0	0	0	0	0	0
0.000094	0	0	0	0	0	0
0.000912	0	0	0	0	0	0
0.000209	0	0	0	0	0	0
0.000054	0	0	0	0	0	0
0.006872	0	0	0	0	0	0
0.08742	0	0	0	0	0	0
0.017955	0	0	0	0	0	0
0.009622	0	0	0	0	0	0
0.106599	0	0	0	0	0	0
0.016277	0	0	0	0	0	0
0.015831	0	0	0	0	0	0
0.019614	0	0	0	0	0	0
0.012259	0	0	0	0	0	0
0.008539	0.01	0	5	1	0	6
0.010609	0	0	0	0	0	0
0.011901	0	0	0	1	0	1
0.054425	0	0	0	0	0	0
0.087574	0	0	0	0	0	0
0.054483	0	0	0	6	0	6
0.005696	0	0	0	0	0	0
0.023835	0	0	0	0	0	0
0.007679	0	0	0	0	0	0
0.005318	0	0	0	0	0	0
0.010063	0	0	0	0	0	0
0.044652	0	0	0	0	0	0
0.004068	0	0	0	0	0	0
0.004952	0	0	0	0	0	0
0.010638	0	0	5	0	0	5
0.008069	0	0	0	0	0	0
0.003497	0	0	0	0	0	0
0.004573	0	0	0	0	0	0
0.006836	0	0	0	0	0	0
0.033706	0	0	0	0	0	0
0.029269	0	0	0	0	0	0
0.038789	0	0	0	0	0	0
0.052455	0	0	0	0	0	0
0.043632	0	0	0	0	0	0
0.01206	0	0	0	0	0	0
0.079376	0	0	0	0	0	0
0.048098	0	0	0	0	0	0
0.047183	0	0	0	0	0	0
0.048102	0	0	0	0	0	0
0.060483	0	0	0	0	0	0
0.079916	0	0	0	0	0	0

0.071649	0	0	0	0	0	0
0.054286	0	0	0	0	0	0
0.051528	0	0	0	0	0	0
0.230932	0	0	0	0	0	0
0.058219	0	0	0	0	0	0
0.057826	0	0	0	0	0	0
0.058921	0	0	0	0	0	0
0.092223	0	0	0	0	0	0
0.052213	0	0	0	0	0	0
0.036972	0	0	0	0	0	0
0.03527	0	0	0	0	0	0
0.012934	0	0	0	0	0	0
0.013381	0	0	0	0	0	0
0.014168	0	0	0	0	0	0
0.012286	0	0	0	0	0	0
0.013284	0	0	0	0	0	0
0.054511	0	0	0	0	0	0
0.079795	0	0	0	0	0	0
0.083671	0	0	0	0	0	0
0.031946	0	0	0	0	0	0
0.014416	0	0	0	0	0	0
0.04304	0	0	0	0	0	0
0.401071	0.09	0	0	0	0	0
0.036485	0	0	0	0	0	0
0.014143	0	0	0	0	0	0
0.571783	0	0	0	0	0	0
0.013467	0	0	0	0	0	0
0.010786	0	0	0	0	0	0
0.197932	0	0	0	0	0	0
0.016405	0	0	0	0	0	0
0.027458	0	0	0	0	0	0
0.047745	0	0	0	0	0	0
0.012832	0	0	0	0	0	0
0.017956	0	0	0	0	0	0
0.018687	0.04	0	0	0	0	0
0.01463	0	0	0	0	0	0
0.095554	0.12	0	0	0	0	0
0.011616	0	0	0	0	0	0
0.016062	0	0	0	0	0	0
0.002462	0	0	0	0	0	0
0.006304	0	0	0	0	0	0
0.00778	0	0	0	0	0	0
0.009084	0	0	0	0	0	0
0.004878	0	0	0	0	0	0
0.006612	0	0	0	0	0	0
0.007835	0	0	0	0	0	0
0.00338	0	0	0	0	0	0
0.004092	0	0	0	0	0	0
0.653457	0	0	0	0	0	0
0.102428	0	0	0	0	0	0



0.244537	0	0	0	0	0	0
0.524561	0	0	0	0	0	0
0.144944	0	0	0	0	0	0
0.054346	0	0	0	0	0	0
0.242764	0	0	0	0	0	0
0.567967	0	0	0	0	0	0
0.149267	0	0	0	0	0	0
0.076412	0	0	0	0	0	0
0.098891	0	0	0	0	0	0
0.097803	0	0	0	0	0	0
0.336264	0.04	0	0	0	0	0
0.101155	0	0	0	0	0	0
0.140044	0	0	0	0	0	0
0.014857	0	0	0	0	0	0
0.144297	0	0	0	0	0	0
0.481128	0	0	0	0	0	0
0.043186	0	0	0	0	0	0
0.026038	0	0	0	0	0	0
0.09009	0	0	0	0	0	0
0.075311	0	0	0	0	0	0
0.059905	0	0	0	0	0	0
0.068286	0	0	0	0	0	0
0.09106	0	0	0	0	0	0
0.683089	0	0	0	0	0	0
0.025207	0	0	0	0	0	0
0.007021	0	0	0	0	0	0
0.008202	0	0	0	0	0	0
0.071082	0	0	0	0	0	0
0.074235	0	0	0	0	0	0
0.021785	0	0	0	0	0	0
0.020287	0	0	0	0	0	0
0.01356	0	0	0	0	0	0
0.016118	0	0	0	0	0	0
0.15366	0	0	0	0	0	0
0.161485	0	0	0	0	0	0
0.048121	0	0	0	0	0	0
0.034056	0	0	0	0	0	0
0.073872	0	0	0	0	0	0
0.056418	0	0	0	0	0	0
0.090558	0	0	0	0	6	6
0.200866	0	6	0	0	0	6
0.059343	0	0	0	0	0	0
0.034597	0	0	0	0	0	0
0.04639	0	0	0	0	0	0
0.04135	0	0	0	0	0	0
0.033356	0	0	0	0	0	0
0.063974	0	0	0	0	0	0
0.014178	0	0	0	0	0	0
0.029216	0	0	0	0	1	1
0.184858	0	1	0	0	0	1

0.044073	0	0	0	0	0	0
0.046781	0	0	0	0	0	0
0.045617	0	0	0	0	0	0
0.093102	0	0	0	0	0	0
0.063431	0	0	0	0	0	0
0.113585	0	0	0	0	0	0
0.042709	0	0	0	0	0	0
0.030369	0	0	0	0	0	0
0.040883	0	0	0	0	0	0
0.035225	0	0	0	0	0	0
0.089032	0	0	0	0	0	0
0.025423	0	0	0	0	0	0
0.095749	0	0	0	0	3	3
0.02973	0	3	0	0	0	3
0.058135	0	0	0	0	0	0
0.047654	0	0	0	0	0	0
0.042637	0	0	0	0	0	0
0.025118	0	0	0	0	0	0
0.031329	0	0	0	0	0	0
0.074438	0	0	0	0	0	0
0.033022	0	0	0	0	0	0
0.028627	0	0	0	0	0	0
0.031714	0	0	0	0	0	0
0.018829	0	0	0	0	0	0
0.022384	0	0	0	0	0	0
0.042184	0	0	0	0	0	0
0.145141	0	0	0	0	0	0
0.020722	0	0	0	0	0	0
0.066905	0	0	0	0	0	0
0.040393	0	0	0	0	0	0
0.083611	0	0	0	0	0	0
0.085375	0	0	0	0	0	0
0.032046	0	0	0	0	0	0
0.072219	0.15	0	0	0	0	0
0.297443	0	0	0	0	0	0
0.740508	0.31	0	0	0	0	0
0.057975	0	0	0	0	0	0
0.08829	0	0	0	0	0	0
0.010592	0	0	0	0	0	0
0.006642	0	0	0	0	0	0
0.026238	0	0	0	0	0	0
0.009984	0	0	0	0	0	0
0.177641	0	0	0	0	0	0
0.021013	0	0	0	0	0	0
0.014659	0	0	0	0	0	0
0.034553	0	0	0	0	0	0
0.034463	0	0	0	0	0	0
0.045868	0	0	0	0	0	0
0.012401	0	0	0	0	0	0
0.253799	0	0	0	0	0	0

0.007512	0	0	0	0	0	0
0.006338	0	0	0	0	0	0
0.006419	0	0	0	0	0	0
0.006522	0	0	0	0	0	0
0.011597	0.36	0	0	0	0	0
0.009818	0	0	0	0	0	0
0.004692	0	0	0	0	0	0
0.013188	0	0	0	0	0	0
0.003509	0	0	0	0	0	0
0.014737	0	0	0	0	0	0
0.005008	0	0	0	0	0	0
0.006967	0	0	0	0	0	0
0.00957	0	0	0	0	0	0
0.035672	0	0	0	0	0	0
0.053235	0.01	0	0	0	0	0
0.005184	0	0	0	0	0	0
0.007011	0	0	0	0	0	0
0.006234	0	0	0	0	0	0
0.004283	0	0	0	0	0	0
0.05183	0	0	0	0	0	0
0.052109	0	0	0	0	0	0
0.053473	0	0	0	0	0	0
0.077591	0	0	0	0	0	0
0.051962	0	0	0	0	0	0
0.082128	0	0	0	0	0	0
0.030652	0	0	0	0	0	0
0.018558	0	0	0	0	0	0
0.022913	0	0	0	0	0	0
0.041468	0	0	0	0	0	0
0.090624	0	0	0	0	0	0
0.114884	0	0	0	0	0	0
0.117075	0	0	0	0	0	0
0.063811	0	0	0	0	0	0
0.005811	0	0	0	0	0	0
0.003051	0	0	0	0	0	0
0.001133	0	0	0	0	0	0
0.0026	0	0	0	0	0	0
0.018716	0.01	0	0	0	0	0
0.287663	0.39	0	0	0	0	0
0.140703	0.45	0	0	0	0	0
0.175097	0.38	0	0	0	0	0
0.003172	0	4	5	0	0	9
0.001245	0	0	0	0	7	7
0.001041	0	2	0	0	2	4
0.008956	0	0	0	0	0	0
0.001351	0	0	0	0	0	0
0.000978	0	0	0	0	6	6
0.002121	0	6	0	0	0	6
0.000992	0	0	0	0	0	0
0.017976	0	0	0	0	0	0

0.084406	0.08	0	0	0	1	1
0.015711	0	1	0	0	0	1
0.004435	0	0	0	0	0	0
0.00401	0	0	0	0	0	0
0.002477	0	0	0	0	0	0
0.003364	0	0	0	0	0	0
0.002164	0	0	0	0	0	0
0.003327	0	0	0	0	0	0
0.006503	0	0	0	0	0	0
0.009408	0	0	0	0	0	0
0.03021	0	0	0	0	0	0
0.002549	0	0	0	0	0	0
0.002448	0	0	0	0	0	0
0.001819	0	0	0	0	0	0
0.001541	0	0	0	0	0	0
0.002872	0	0	0	0	0	0
0.000973	0	0	0	0	0	0
0.001779	0	0	0	0	0	0
0.001068	0	0	0	0	0	0
0.002102	0	0	0	0	0	0
0.005182	0	0	0	0	0	0
0.002108	0	0	0	0	0	0
0.004926	0	0	0	0	0	0
0.001165	0	0	0	0	0	0
0.010112	0.04	0	0	0	0	0
0.000719	0	0	0	0	0	0
0.006162	0	0	0	0	0	0
0.004285	0	0	0	0	0	0
0.004161	0	0	0	0	0	0
0.003149	0	0	0	0	0	0
0.004699	0	0	0	0	0	0
0.181089	0	0	0	0	0	0
0.002115	0	0	0	0	0	0
0.065849	0	0	0	0	0	0
0.120019	0	0	0	0	0	0
0.046835	0	0	0	0	0	0
0.051155	0	0	0	0	0	0
0.031647	0	0	0	0	0	0
0.056695	0	0	0	0	0	0
0.057887	0	0	0	0	0	0
0.051966	0	0	0	0	0	0
0.033624	0	0	0	0	0	0
0.069369	0	0	0	0	0	0
0.043499	0	0	0	0	0	0
0.13859	0	0	0	0	0	0
0.094821	0	0	0	0	0	0
0.085405	0	0	0	0	0	0
0.001306	0	1	0	0	0	1
0.022751	0	0	0	23	0	23
0.003666	0	0	0	0	0	0

0.00367	0	0	0	0	0	0
0.002397	0	0	0	5	0	5
0.00361	0	3	0	0	0	3
0.002753	0	0	0	0	0	0
0.004244	0	0	0	0	0	0
0.002839	0	0	0	0	0	0
0.003758	0	0	0	0	0	0
0.002236	0	0	0	0	0	0
0.002309	0	0	0	0	0	0
0.002266	0	0	0	0	1	1
0.016356	0	0	0	0	7	7
0.046858	0	0	0	0	0	0
0.026797	0	0	0	0	0	0
0.038735	0	0	0	0	0	0
0.012443	0	7	0	0	2	9
0.310277	0.39	2	10	6	0	18
0.325545	0.31	0	0	0	4	4
0.021389	0	4	0	0	0	4
0.023832	0	0	0	0	1	1
0.11829	0	1	0	0	8	9
0.010771	0	8	0	0	0	8
0.037896	0	0	0	0	0	0
0.02846	0.01	0	0	0	0	0
0.012649	0	0	0	0	0	0
0.029283	0	0	0	0	0	0
0.271019	0	0	0	0	0	0
0.035915	0	0	0	0	0	0
0.286569	0	14	0	0	0	14
0.009032	0	0	0	0	0	0
0.025242	0	0	0	0	4	4
0.011678	0	4	0	0	0	4
0.016232	0	0	0	0	0	0
0.021941	0	0	0	0	0	0
0.150919	0.05	0	0	0	0	0
0.086095	0	0	0	0	0	0
0.120297	0.01	0	0	0	0	0
0.148133	0	0	0	0	0	0
0.008444	0	0	0	0	0	0
0.152534	0.02	0	0	4	0	4
0.118713	0.03	0	0	0	0	0
0.014586	0	0	0	0	0	0
0.022833	0	0	0	0	0	0
0.010794	0	0	0	0	0	0
0.084403	0	0	0	0	0	0
0.03772	0	0	0	0	0	0
0.015031	0	0	0	0	0	0
0.036229	0	0	0	0	0	0
0.011115	0	0	0	0	0	0
0.02113	0	0	0	0	0	0
0.307131	0	0	0	0	0	0

0.202901	0.37	0	0	6	0	6
0.254157	0.32	0	0	0	0	0
0.02022	0	0	0	0	0	0
0.009507	0	0	0	0	0	0
0.121972	0	0	0	0	0	0
0.00742	0	0	0	0	0	0
0.018376	0	0	0	0	0	0
0.178863	0	0	0	0	0	0
0.217114	0	0	0	0	0	0
0.08009	0	0	0	0	0	0
0.053557	0	0	0	0	0	0
0.039141	0	0	0	0	0	0
0.025942	0	0	0	0	0	0
0.083498	0	0	0	0	0	0
0.036348	0	0	0	0	0	0
0.041815	0	0	0	0	0	0
0.060105	0	0	0	0	0	0
0.038812	0	0	0	0	0	0
0.056593	0	0	0	0	0	0
0.113628	0	0	0	0	0	0
0.012128	0	0	0	0	0	0
0.059628	0	0	0	0	0	0
0.055155	0	0	0	0	0	0
0.027034	0	0	0	0	0	0
0.012349	0	0	0	0	0	0
0.017558	0	0	0	0	0	0
0.016537	0	0	0	0	0	0
0.016689	0	0	0	0	0	0
0.020392	0	0	0	0	0	0
0.017611	0	0	0	0	0	0
0.023487	0	0	0	0	0	0
0.004088	0	0	0	0	0	0
0.000091	0	0	0	0	0	0
0.001223	0	0	0	0	0	0
0.009467	0	0	0	0	0	0
0.000631	0	0	0	0	0	0
0.003637	0	0	0	0	0	0
0.06077	0	0	0	0	0	0
0.033122	0	0	0	0	0	0
0.030898	0	0	0	0	0	0
0.027601	0	0	0	0	0	0
0.023519	0	0	0	0	0	0
0.026617	0	0	0	0	0	0
0.021734	0	0	0	0	0	0
0.027078	0	0	0	0	0	0
0.041643	0	0	0	0	0	0
0.050954	0	0	0	0	0	0
0.058525	0	0	0	0	3	3
0.037341	0	0	0	0	0	0
0.641555	0.39	0	0	0	0	0

0.256896	0.04	0	0	0	0	0
0.099776	0	3	0	0	0	3
0.049135	0	0	0	0	0	0
0.032951	0	0	0	0	0	0
0.045504	0	0	0	0	0	0
0.036501	0	0	0	0	0	0
0.035238	0	0	0	0	0	0
0.028911	0	0	0	0	0	0
0.057858	0	0	0	0	0	0
0.099228	0	0	0	0	0	0
0.00454	0	0	0	0	0	0
0.003141	0	0	0	0	0	0
0.002753	0	0	0	0	0	0
0.001555	0	0	0	0	0	0
0.0002	0	0	0	0	0	0
0.001035	0	0	0	0	0	0
0.002042	0	0	0	0	0	0
0.000573	0	0	0	0	0	0
0.002839	0	0	0	0	0	0
0.002858	0	0	0	0	0	0
0.001723	0	0	0	0	0	0
0.00272	0	0	0	0	0	0
0.002129	0	0	0	0	0	0
0.003057	0	0	0	0	0	0
0.003211	0	0	0	0	0	0
0.00569	0	0	0	0	0	0
0.014967	0	0	0	0	0	0
0.003673	0	0	0	0	0	0
0.00417	0	0	0	0	0	0
0.008165	0	0	0	0	0	0
0.001451	0	0	0	0	0	0
0.001978	0	0	0	0	0	0
0.004371	0	0	0	0	0	0
0.005869	0	0	0	0	0	0
0.004979	0	0	0	0	0	0
0.002147	0	0	0	0	0	0
0.001963	0	0	0	0	0	0
0.003089	0	0	0	0	0	0
0.004736	0	0	0	0	0	0
0.008351	0	0	0	0	0	0
0.005938	0	0	0	0	0	0
0.006914	0	0	0	0	0	0
0.003214	0	0	0	0	0	0
0.005742	0	0	0	0	0	0
0.008898	0	0	0	0	0	0
0.026315	0	0	0	0	0	0
0.005199	0	0	0	0	0	0
0.004937	0	0	0	0	0	0
0.0072	0	0	0	0	0	0
0.022511	0	0	0	0	0	0

0.004164	0	0	0	0	0	0
0.008118	0	0	0	0	0	0
0.002463	0	0	0	0	0	0
0.002911	0	0	0	0	0	0
0.005428	0	0	0	0	0	0
0.021779	0	0	0	0	0	0
0.018366	0	0	0	0	0	0
0.011547	0	0	0	0	0	0
0.005407	0	0	0	0	0	0
0.001511	0	0	0	0	0	0
0.00006	0	0	0	0	0	0
0.001973	0	0	0	0	0	0
0.00334	0	0	0	0	0	0
0.009127	0	0	0	0	0	0
0.009193	0	0	0	0	0	0
0.005589	0	0	0	0	0	0
0.002081	0	0	0	0	0	0
0.002129	0	0	0	0	0	0
0.008319	0	0	0	0	0	0
0.039663	0	0	0	0	0	0
0.05313	0	0	0	0	0	0
0.063815	0	0	0	0	0	0
0.018097	0	0	0	0	0	0
0.01372	0	0	0	0	0	0
0.032916	0	0	0	0	0	0
0.047537	0	0	0	0	0	0
0.010718	0	0	0	0	0	0
0.013821	0	0	0	0	0	0
0.054204	0	0	0	0	0	0
0.050006	0	0	0	0	0	0
0.027942	0	0	0	0	0	0
0.02729	0	0	0	0	0	0
0.034479	0	0	0	0	0	0
0.030184	0	0	0	0	0	0
0.022737	0	0	0	0	0	0
0.024895	0	0	0	0	0	0
0.00454	0	0	0	0	0	0
0.002764	0	0	0	0	0	0
0.003171	0	0	0	0	0	0
0.116775	0	0	0	0	0	0
0.259577	0	0	0	0	0	0
0.002876	0	0	0	0	0	0
0.00076	0	0	0	0	0	0
0.000865	0	0	0	0	0	0
0.005367	0	0	0	0	0	0
0.013581	0	0	0	0	0	0
0.007432	0	0	0	0	0	0
0.006746	0	0	0	0	0	0
0.006157	0	0	0	0	0	0
0.008226	0	0	0	0	0	0



0.00582	0	0	0	0	0	0
0.006383	0	0	0	0	0	0
0.005529	0	0	0	0	0	0
0.005369	0	0	0	0	0	0
0.003812	0	0	0	0	0	0
0.002594	0	0	0	0	0	0
0.017034	0	0	0	0	0	0
0.003543	0	0	0	0	0	0
0.003156	0	0	0	0	0	0
0.004911	0	0	0	0	0	0
0.003798	0	0	0	0	0	0
0.002351	0	0	0	0	0	0
0.002345	0	0	0	0	0	0
0.003515	0	0	0	0	0	0
0.003346	0	0	0	0	0	0
0.003886	0	0	0	0	0	0
0.001118	0	0	0	0	0	0
0.008841	0	0	0	0	0	0
0.01141	0.01	0	0	0	0	0
0.04283	0	0	0	0	0	0
0.023667	0	0	0	0	0	0
0.01186	0	0	0	0	4	4
0.012155	0	4	0	0	0	4
0.004412	0	0	0	0	5	5
0.005157	0	5	0	0	0	5
0.008273	0	0	0	0	0	0
0.001682	0	0	0	0	2	2
0.000626	0	2	1	0	0	3
0.000556	0	0	0	0	0	0
0.000676	0	0	0	0	0	0
0.000188	0	0	0	0	0	0
0.000526	0	0	0	5	0	5
0.002579	0	0	0	0	8	8
0.000735	0	8	0	0	0	8
0.080705	0	0	0	0	0	0
0.026613	0	0	0	0	0	0
0.009272	0	0	0	0	0	0
0.006596	0	0	0	0	0	0
0.015059	0	0	0	0	0	0
0.012155	0	0	0	0	0	0
0.004431	0	0	0	0	0	0
0.006381	0	0	0	0	0	0
0.012115	0	0	0	0	0	0
0.007422	0	0	0	0	0	0
0.003919	0	0	0	0	0	0
0.002188	0	0	0	0	0	0
0.000871	0	0	0	0	0	0
0.001077	0	0	0	0	0	0
0.001654	0	0	0	0	0	0
0.008006	0	0	0	0	0	0

0.000804	0	0	0	0	0	0
0.002627	0	0	0	0	0	0
0.006163	0	0	0	0	0	0
0.002389	0	0	0	0	0	0
0.008208	0.01	0	0	0	0	0
0.019741	0	0	0	0	0	0
0.002975	0	0	0	0	0	0
0.009745	0	0	0	0	0	0
0.009467	0	0	0	0	0	0
0.00759	0	0	0	0	0	0
0.00529	0	0	0	0	0	0
0.010173	0	0	0	0	0	0
0.007887	0	0	0	0	0	0
0.004352	0	0	0	0	0	0
0.003564	0	0	0	0	0	0
0.003109	0	0	0	0	0	0
0.034817	0	0	0	0	0	0
0.038503	0	0	0	0	0	0
0.049069	0	0	0	0	0	0
0.147302	0	0	0	0	0	0
0.021788	0	0	0	0	0	0
0.003988	0	0	0	0	0	0
0.046513	0	0	0	0	0	0
0.050654	0	0	0	0	0	0
0.128573	0	0	0	0	0	0
0.065348	0	0	0	0	0	0
0.134349	0	0	0	0	0	0
0.247082	0	0	0	0	0	0
0.117941	0	0	0	0	0	0
0.036439	0	0	0	0	0	0
0.01706	0	0	0	0	0	0
0.008877	0	0	0	0	0	0
0.005017	0	0	0	0	0	0
0.011977	0	0	0	0	0	0
0.014527	0	0	0	0	0	0
0.010976	0	0	0	0	0	0
0.021017	0	0	0	0	0	0
0.020689	0	0	0	0	0	0
0.069614	0	0	0	0	0	0
0.029739	0	0	0	0	0	0
0.036886	0	0	0	0	0	0
0.188407	0.01	0	0	0	0	0
0.06893	0	0	0	0	0	0
0.002072	0	0	0	0	0	0
0.003137	0	0	0	0	0	0
0.002072	0	0	0	0	0	0
0.004596	0	0	0	0	0	0
0.002179	0	0	0	0	0	0
0.002511	0	0	0	0	0	0
0.003236	0	0	0	0	0	0

0.005045	0	0	0	0	0	0
0.005753	0	0	0	0	0	0
0.000571	0	0	0	0	0	0
0.320759	0	0	0	0	0	0
0.002779	0	0	0	0	0	0
0.011562	0	0	0	0	0	0
0.004235	0	0	0	0	0	0
0.014947	0	0	0	0	0	0
0.006411	0	0	0	0	0	0
0.084371	0	0	0	0	0	0
0.001686	0	0	0	0	0	0
0.005081	0	0	0	0	0	0
0.019544	0	0	0	0	0	0
0.014752	0	0	0	0	0	0
0.008645	0	0	0	0	0	0
0.002578	0	0	0	0	0	0
0.003402	0	0	0	0	0	0
0.003696	0	0	0	0	0	0
0.015747	0	0	0	0	0	0
0.002227	0	0	0	0	0	0
0.001779	0	0	0	0	0	0
0.003665	0	0	0	0	0	0
0.022853	0	0	0	0	0	0
0.01483	0	0	0	0	0	0
0.017193	0	0	0	0	0	0
0.106105	0	0	0	0	0	0
0.0558	0	0	0	0	0	0
0.023821	0	0	0	0	0	0
0.031519	0	0	0	0	0	0
0.042614	0	0	0	0	0	0
0.031988	0	0	0	0	0	0
0.055229	0	0	0	0	0	0
0.019577	0	0	0	0	0	0
0.015043	0	0	0	0	0	0
0.04178	0	0	0	0	0	0
0.171526	0	0	0	0	0	0
0.116188	0	0	0	0	0	0
0.048091	0	0	0	0	0	0
0.078329	0	0	0	0	0	0
0.162036	0	0	0	0	0	0
0.026044	0	0	0	0	0	0
0.215662	0.08	0	0	0	0	0
0.017813	0	0	0	0	0	0
0.013476	0	0	0	0	0	0
0.02268	0	0	0	0	0	0
0.037237	0	0	0	0	0	0
0.023343	0	0	0	0	0	0
0.051916	0	0	0	0	0	0
0.030651	0	0	0	0	0	0
0.038165	0	0	0	0	0	0

0.047751	0	0	0	0	0	0
0.025167	0	0	0	0	0	0
0.032229	0	0	0	0	0	0
0.081129	0	0	0	0	0	0
0.0754	0	0	0	0	0	0
0.033472	0	0	0	0	0	0
0.054449	0	0	0	0	0	0
0.014443	0	0	0	0	0	0
0.00151	0	0	0	0	0	0
0.002998	0	0	0	0	0	0
0.005115	0	0	0	0	0	0
0.004195	0	0	0	0	0	0
0.005663	0	0	0	0	0	0
0.00318	0	0	0	0	0	0
0.059918	0	0	0	0	0	0
0.043814	0	0	0	0	0	0
0.045734	0	0	0	0	0	0
0.053656	0	0	0	0	0	0
0.075347	0	0	0	0	0	0
0.065883	0	0	0	0	0	0
0.293335	0.02	0	0	0	0	0
0.384315	0	0	0	0	0	0
0.069743	0	0	0	0	0	0
0.048138	0	0	0	0	0	0
0.059096	0	0	0	0	0	0
0.190942	0	0	0	0	0	0
0.04846	0	0	0	0	0	0
0.070697	0	0	0	0	0	0
0.117045	0	0	0	0	0	0
0.01483	0	0	0	0	0	0
0.087417	0.01	0	0	0	0	0
0.029156	0	0	0	0	0	0
0.026557	0	0	0	0	0	0
0.019429	0	0	0	0	0	0
0.027637	0	0	0	0	0	0
0.041565	0	0	0	0	0	0
0.015569	0	0	0	0	0	0
0.047196	0	0	0	0	0	0
0.043104	0	0	0	0	0	0
0.015267	0	0	0	0	0	0
0.027967	0	0	0	0	0	0
0.055324	0	0	0	0	0	0
0.01225	0	0	0	0	0	0
0.011822	0	0	0	0	0	0
0.04643	0	0	0	0	0	0
0.036023	0	0	0	0	0	0
0.0177	0	0	0	0	0	0
0.019061	0	0	0	0	0	0
0.018575	0	0	0	0	0	0
0.040657	0	0	0	0	0	0

0.010379	0	0	0	0	0	0
0.012173	0	0	0	0	0	0
0.00636	0	0	0	0	0	0
0.034556	0	0	0	0	0	0
0.018656	0	0	0	0	0	0
0.004971	0	0	0	0	0	0
0.014063	0	0	0	0	0	0
0.010573	0	0	0	0	0	0
0.005868	0	0	0	0	0	0
0.321583	0	0	0	0	0	0
0.03415	0	0	0	0	0	0
0.014748	0	0	0	0	0	0
0.008431	0	0	0	0	0	0
0.027732	0	0	0	0	0	0
0.03402	0	0	0	0	0	0
0.028632	0	0	0	0	0	0
0.024297	0	0	0	0	0	0
0.030014	0	0	0	0	0	0
0.024677	0	0	0	0	0	0
0.021198	0	0	0	0	0	0
0.061854	0	0	0	0	0	0
0.007041	0	0	0	0	0	0
0.008203	0	0	0	0	0	0
0.009405	0	0	0	0	0	0
0.007059	0	0	0	0	0	0
0.095545	0.05	0	0	0	0	0
0.073064	0.03	0	0	0	0	0
0.041257	0	0	0	0	0	0
0.029854	0	0	0	0	0	0
0.012992	0	0	0	0	0	0
0.010889	0	0	0	0	0	0
0.010461	0	0	0	0	0	0
0.007321	0	0	0	0	0	0
0.008424	0	0	0	0	0	0
0.017298	0	0	0	0	0	0
0.015782	0	0	0	0	0	0
0.007632	0	0	0	0	0	0
0.073026	0	0	0	0	0	0
0.010775	0	0	0	0	0	0
0.010007	0	0	0	0	0	0
0.008097	0	0	0	0	0	0
0.063695	0	0	0	0	0	0
0.016117	0	0	0	0	0	0
0.047508	0	0	0	0	0	0
0.072592	0	0	0	0	0	0
0.115801	0	0	0	0	0	0
0.052567	0	0	0	0	0	0
0.08163	0	0	0	0	0	0
0.009479	0	0	0	0	0	0
0.005864	0	0	0	0	0	0

0.01384	0	0	0	0	0	0
0.267562	0	3	0	0	0	3
0.029973	0	0	0	0	0	0
0.043045	0	0	0	0	0	0
0.034492	0	0	0	0	0	0
0.036483	0	0	0	0	0	0
0.02858	0	0	0	0	0	0
0.015888	0	0	0	0	0	0
0.01115	0	0	0	0	0	0
0.026705	0	0	0	0	0	0
0.018405	0	0	0	0	0	0
0.022227	0	0	0	0	0	0
0.074582	0	0	0	0	0	0
0.795251	0.36	0	0	0	0	0
0.023513	0	0	0	0	0	0
0.057297	0	0	0	0	0	0
0.079781	0	0	0	0	0	0
0.035025	0	0	0	0	0	0
0.015699	0	0	0	0	0	0
0.043251	0	0	0	0	0	0
0.007207	0	0	0	0	0	0
0.08715	0	0	0	0	0	0
0.022046	0	0	0	0	0	0
0.023107	0	0	0	0	0	0
0.021122	0	0	0	0	0	0
0.13349	0	0	0	0	0	0
0.038185	0	0	0	0	0	0
0.018737	0	0	0	0	0	0
0.011633	0	0	0	0	0	0
0.017381	0	0	0	0	0	0
0.046617	0	0	0	0	0	0
0.050443	0	0	0	0	0	0
0.035248	0	0	0	0	0	0
0.044872	0	0	0	0	0	0
0.042798	0	0	0	0	0	0
0.041441	0	0	0	0	0	0
0.038752	0	0	0	0	0	0
0.040788	0	0	0	0	0	0
0.035151	0	0	0	0	0	0
0.001964	0	0	0	0	0	0
0.299602	0.13	0	0	0	0	0
0.01037	0	0	0	0	0	0
0.083002	0	0	0	0	0	0
0.015101	0	0	0	0	0	0
0.003814	0	0	0	0	0	0
0.006261	0	0	0	0	0	0
0.041191	0	0	0	0	0	0
0.038261	0	0	0	0	0	0
0.015994	0	0	0	0	0	0
0.006407	0	0	0	0	0	0

0.005718	0	0	0	0	0	0
0.005223	0	0	0	0	0	0
0.002459	0	0	0	0	0	0
0.018453	0	0	0	4	0	4
0.048112	0	0	0	0	0	0
0.013149	0	0	0	0	0	0
0.083859	0	0	0	0	0	0
0.022033	0	0	0	0	0	0
0.101241	0	0	0	0	0	0
0.025025	0	0	0	0	0	0
0.046955	0	0	0	0	0	0
0.037141	0	0	0	0	0	0
0.04483	0	0	0	0	0	0
0.05052	0	0	0	0	0	0
0.024819	0	0	0	0	0	0
0.105865	0.02	0	0	0	0	0
0.0358	0	0	0	0	0	0
0.02135	0	0	0	0	0	0
0.081099	0	0	0	0	0	0
0.023192	0	0	0	0	0	0
0.030527	0	0	0	0	0	0
0.016363	0	0	0	0	0	0
0.013055	0	0	0	0	0	0
0.010541	0	0	0	0	0	0
0.039735	0	0	0	0	0	0
0.063094	0	0	0	0	0	0
0.060584	0	0	0	0	0	0
0.045828	0	0	0	0	0	0
0.066409	0	0	0	0	0	0
0.0589	0	0	0	0	0	0
0.072272	0	0	0	0	0	0
0.061547	0	0	0	0	0	0
0.040367	0	0	0	0	0	0
0.058518	0	0	0	0	0	0
0.049242	0	0	0	0	0	0
0.058796	0	0	0	0	0	0
0.058925	0	0	0	0	0	0
0.055797	0	0	0	0	0	0
0.076502	0	0	0	0	0	0
0.007645	0	0	0	0	0	0
0.002695	0	0	0	0	0	0
0.004699	0	0	0	0	0	0
0.00698	0	0	0	0	0	0
0.021467	0.01	0	0	0	0	0
0.024616	0	0	0	0	0	0
0.006665	0.01	0	0	0	0	0
0.052358	0	0	0	0	0	0
0.037502	0	0	0	0	0	0
0.026127	0	0	0	0	0	0
0.055115	0	0	0	0	0	0

0.074945	0	0	0	0	0	0
0.079301	0	0	0	0	0	0
0.025707	0	0	0	0	0	0
0.0143	0	0	0	0	0	0
0.025048	0	0	0	0	0	0
0.025138	0	0	0	0	0	0
0.01592	0	0	0	0	0	0
0.01393	0	0	0	0	0	0
0.012055	0	0	0	0	0	0
0.047815	0	0	0	0	0	0
0.015121	0	0	0	0	0	0
0.100064	0	0	0	0	0	0
0.01891	0	0	0	0	0	0
0.020679	0	0	0	0	0	0
0.039106	0	0	0	0	0	0
0.033354	0	0	0	0	0	0
0.0408	0	0	0	0	0	0
0.03121	0	0	0	0	0	0
0.035147	0	0	0	0	0	0
0.046012	0	0	0	0	0	0
0.021284	0	0	0	0	0	0
0.028007	0	0	0	0	0	0
0.047739	0	0	0	0	0	0
0.057902	0	0	0	0	0	0
0.02656	0	0	0	0	0	0
0.029618	0	0	0	0	0	0
0.005125	0	0	0	0	0	0
0.014596	0	0	0	0	0	0
0.016293	0	0	0	0	0	0
0.014745	0	0	0	0	0	0
0.012761	0	0	0	0	0	0
0.014659	0	0	0	0	0	0
0.024564	0	0	0	0	0	0
0.011604	0	0	0	0	0	0
0.040671	0	0	0	0	0	0
0.01678	0	0	0	0	0	0
0.013041	0	0	0	0	0	0
0.023315	0	0	0	0	0	0
0.012767	0	0	0	0	0	0
0.095665	0	0	0	0	0	0
0.040161	0	0	0	0	0	0
0.024381	0	0	0	0	0	0
0.045017	0	0	0	0	0	0
0.055564	0	0	0	0	0	0
0.013989	0	0	0	0	0	0
0.010677	0	0	0	0	0	0
0.033353	0	0	0	0	0	0
0.048796	0	0	0	0	0	0
0.033102	0	0	0	0	0	0
0.093493	0	0	0	0	0	0



0.024624	0	0	0	0	0	0
0.038319	0	0	0	0	0	0
0.034393	0	0	0	0	0	0
0.019117	0	0	0	0	0	0
0.060574	0	0	0	0	0	0
0.026636	0	0	0	0	0	0
0.021932	0	0	0	0	0	0
0.018031	0	0	0	0	0	0
0.025235	0	0	0	0	0	0
0.027785	0	0	0	0	0	0
0.068911	0	0	0	0	0	0
0.069037	0	0	0	0	0	0
0.071945	0	0	0	0	0	0
0.01342	0	0	0	0	0	0
0.052887	0	0	0	0	0	0
0.043929	0	0	0	0	0	0
0.030427	0	0	0	0	0	0
0.047777	0	0	0	0	0	0
0.0684	0	0	0	0	0	0
0.06891	0	0	0	0	0	0
0.038352	0	0	0	0	0	0
0.070361	0	0	0	0	0	0
0.055994	0	0	0	0	0	0
0.032368	0	0	0	0	0	0
0.047203	0	0	0	0	0	0
0.031071	0	0	0	0	0	0
0.003703	0	0	0	0	0	0
0.003215	0	0	0	0	0	0
0.013954	0	0	0	0	0	0
0.004038	0	0	0	0	0	0
0.003494	0	0	0	0	0	0
0.004159	0	0	0	0	0	0
0.018057	0	0	0	0	0	0
0.013556	0	0	0	0	0	0
0.008517	0	0	0	0	0	0
0.007475	0	0	0	0	0	0
0.00398	0	0	0	0	0	0
0.002462	0	0	0	0	0	0
0.00345	0	0	0	0	0	0
0.002227	0	0	0	0	0	0
0.001957	0	0	0	0	0	0
0.005127	0	0	0	0	0	0
0.00281	0	0	0	0	0	0
0.004809	0	0	0	0	0	0
0.035853	0	0	0	0	0	0
0.030066	0	0	0	0	0	0
0.021027	0	0	0	0	0	0
0.019649	0	0	0	0	0	0
0.014255	0	0	0	0	0	0
0.019594	0	0	0	0	0	0

0.022523	0	0	0	0	0	0
0.015793	0	0	0	0	0	0
0.016208	0	0	0	0	0	0
0.012913	0	0	0	0	0	0
0.015733	0	0	0	0	0	0
0.02368	0	0	0	0	0	0
0.010028	0	0	0	0	0	0
0.010983	0	0	0	0	0	0
0.740875	0	0	0	0	0	0
0.034858	0	0	0	0	0	0
0.047659	0	0	0	0	0	0
0.027945	0	0	0	0	0	0
0.016375	0	0	0	0	0	0
0.021899	0	0	0	0	0	0
0.019838	0	0	0	0	0	0
0.040158	0	0	0	0	0	0
0.006427	0	0	0	0	0	0
0.014553	0	0	0	0	0	0
0.01812	0	0	0	0	0	0
0.012943	0	0	4	0	0	4
0.017902	0	0	0	0	0	0
0.014036	0	0	0	0	0	0
0.007562	0	0	0	0	0	0
0.008584	0	0	0	0	0	0
0.006927	0	0	0	0	0	0
0.011847	0	0	0	0	0	0
0.009869	0	0	0	0	0	0
0.011156	0	0	0	0	0	0
0.011795	0	0	0	0	0	0
0.009955	0	0	0	0	0	0
0.010141	0	0	0	0	0	0
0.019826	0	0	0	0	0	0
0.009018	0	0	0	0	0	0
0.010655	0	0	0	0	0	0
0.016875	0	0	0	0	0	0
0.018056	0	0	0	0	0	0
0.026385	0	0	0	0	0	0
0.033725	0	0	0	0	0	0
0.018422	0	0	0	0	0	0
0.016431	0	0	0	0	0	0
0.032	0	0	0	0	0	0
0.006528	0	0	0	0	0	0
0.020449	0	0	0	0	0	0
0.01819	0	0	0	0	0	0
0.022603	0	0	0	0	0	0
0.020932	0	0	0	0	0	0
0.011242	0	0	0	0	0	0
0.014616	0	0	0	0	0	0
0.011354	0	0	0	0	0	0
0.013008	0	0	0	0	0	0

0.149725	0.02	0	0	0	0	0
0.041735	0	0	0	0	0	0
0.013583	0	0	0	0	0	0
0.007572	0	0	0	0	0	0
0.165021	0	0	0	0	0	0
0.089537	0	0	0	0	0	0
0.059721	0	0	0	0	0	0
0.160862	0	0	0	0	0	0
0.051417	0	0	0	0	0	0
0.034719	0	0	0	0	0	0
0.054681	0	0	0	0	0	0
0.049958	0	0	0	0	0	0
0.054045	0	0	0	0	0	0
0.044425	0	0	0	0	0	0
0.051225	0	0	0	0	0	0
0.012784	0	0	0	0	0	0
0.020459	0	0	0	0	0	0
0.019872	0	0	0	0	0	0
0.021387	0	0	0	0	0	0
0.02375	0	0	0	0	0	0
0.024755	0	0	0	0	0	0
0.014103	0	0	0	0	0	0
0.024616	0	0	0	0	0	0
0.026812	0	0	0	0	0	0
0.017586	0	0	0	0	0	0
0.032973	0	0	0	0	0	0
0.044006	0	0	0	0	0	0
0.022482	0	0	0	0	0	0
0.075265	0	0	0	0	0	0
0.019242	0	0	0	0	0	0
0.017742	0	0	0	0	0	0
0.024847	0	0	0	0	0	0
0.02037	0	0	0	0	0	0
0.019798	0	0	0	0	0	0
0.014314	0	0	0	0	0	0
0.026145	0	0	0	0	0	0
0.026986	0	0	0	0	0	0
0.013374	0	0	0	0	0	0
0.01897	0	0	0	0	0	0
0.03004	0	0	0	0	0	0
0.020849	0	0	0	0	0	0
0.008445	0	0	0	0	0	0
0.009282	0	0	0	0	0	0
0.01267	0	0	0	0	0	0
0.024999	0	0	0	0	0	0
0.017388	0	0	0	0	0	0
0.005048	0	0	0	0	0	0
0.039104	0	0	0	0	0	0
0.022334	0	0	0	0	0	0
0.014855	0	0	0	0	0	0

0.017808	0	0	0	0	0	0
0.020289	0	0	0	0	0	0
0.018176	0	0	0	0	0	0
0.063796	0	0	0	0	0	0
0.087632	0	0	0	0	0	0
0.04873	0	0	0	0	0	0
0.038201	0	0	0	0	0	0
0.025056	0	0	0	0	0	0
0.044468	0	0	0	0	0	0
0.076861	0	0	0	0	0	0
0.055281	0	0	0	0	0	0
0.061272	0	0	0	0	0	0
0.065853	0	0	0	0	0	0
0.05701	0	0	0	0	0	0
0.053695	0	0	0	0	0	0
0.052699	0	0	0	0	0	0
0.061699	0	0	0	0	0	0
0.042932	0	0	0	0	0	0
0.047245	0	0	0	0	0	0
0.057926	0	0	0	0	0	0
0.092895	0	0	0	0	0	0
0.088232	0	0	0	0	0	0
0.038464	0	0	0	0	0	0
0.054483	0	0	0	0	0	0
0.069646	0	0	0	0	0	0
0.038742	0	0	0	0	0	0
0.066615	0	0	0	0	0	0
0.033111	0	0	0	0	0	0
0.042853	0	0	0	0	0	0
0.037361	0	0	0	0	0	0
0.067595	0	0	0	0	0	0
0.038019	0	0	0	0	0	0
0.068198	0	0	0	0	0	0
0.012739	0	0	0	0	0	0
0.026654	0	0	0	0	0	0
0.021369	0	0	0	0	0	0
0.0178	0	0	0	0	0	0
0.041341	0	0	0	0	0	0
0.028255	0	0	0	0	0	0
0.031958	0	0	0	0	0	0
0.033428	0	0	0	0	0	0
0.022145	0	0	0	0	0	0
0.017405	0	0	0	0	0	0
0.017854	0	0	0	0	0	0
0.018989	0	0	0	0	0	0
0.015975	0	0	0	0	0	0
0.018004	0	0	0	0	0	0
0.024802	0	0	0	0	0	0
0.017189	0	0	0	0	0	0
0.022254	0	0	0	0	0	0

0.028298	0	0	0	0	0	0
0.030543	0	0	0	0	0	0
0.020092	0	0	0	0	0	0
0.023274	0	0	0	0	0	0
0.015899	0	0	0	0	0	0
0.054856	0	0	0	0	0	0
0.02262	0	0	0	0	4	4
0.01419	0	4	0	0	0	4
0.014457	0	0	0	0	0	0
0.01623	0	0	0	0	0	0
0.020019	0	0	0	0	0	0
0.028012	0	0	0	0	0	0
0.010481	0	0	0	0	0	0
0.02749	0	0	0	0	0	0
0.026517	0	0	0	0	0	0
0.012079	0	0	0	0	0	0
0.019398	0	0	0	0	0	0
0.012964	0	0	0	0	0	0
0.013335	0	0	0	0	0	0
0.011176	0	0	0	0	0	0
0.069789	0	0	0	0	0	0
0.020964	0	0	0	0	0	0
0.036743	0	0	0	0	0	0
0.032371	0	0	0	0	0	0
0.028415	0	0	0	0	6	6
0.004264	0	6	0	0	0	6
0.004513	0	0	0	0	13	13
0.021959	0	0	0	0	0	0
0.005054	0	13	0	0	0	13
0.023594	0	0	0	0	0	0
0.034157	0	0	0	0	0	0
0.043848	0	0	0	0	0	0
0.014273	0	0	0	0	0	0
0.007989	0	2	0	0	0	2
0.022867	0	0	0	0	0	0
0.023182	0	0	0	0	0	0
0.033038	0	0	0	0	0	0
0.025229	0	0	0	0	0	0
0.034468	0	0	0	0	0	0
0.029761	0	0	0	0	0	0
0.025639	0	0	0	0	0	0
0.021162	0	0	0	0	0	0
0.08329	0	0	0	0	0	0
0.060489	0	0	0	0	0	0
0.023302	0	0	0	0	0	0
0.019142	0	0	0	0	0	0
0.016124	0	0	0	0	0	0
0.012694	0	0	0	0	0	0
0.015756	0	0	0	0	0	0
0.012328	0	0	0	0	0	0

0.016784	0	0	0	0	0	0
0.016205	0	0	0	0	0	0
0.016902	0	0	0	0	0	0
0.01345	0	0	0	0	0	0
0.008095	0	0	0	0	0	0
0.01143	0	0	0	0	0	0
0.016613	0	0	0	0	0	0
0.029916	0	0	0	0	0	0
0.034004	0	0	0	0	0	0
0.0172	0	0	0	0	0	0
0.023223	0	0	0	0	0	0
0.01703	0	0	0	0	0	0
0.012071	0	0	0	0	0	0
0.016481	0	0	0	0	0	0
0.009359	0	0	0	0	0	0
0.013713	0	0	0	0	0	0
0.041406	0	0	0	0	0	0
0.04876	0	0	0	0	0	0
0.010153	0	0	0	0	0	0
0.010627	0	0	0	0	0	0
0.015347	0	0	0	0	0	0
0.016621	0	0	0	0	0	0
0.025106	0	0	0	0	0	0
0.010792	0	0	0	0	0	0
0.028323	0	0	0	0	0	0
0.003977	0	0	0	0	0	0
0.019997	0	0	0	0	0	0
0.003916	0	0	0	0	0	0
0.01345	0	0	0	0	0	0
0.0332	0	0	0	0	0	0
0.028034	0	0	0	0	0	0
0.017661	0	0	0	0	0	0
0.022083	0	0	0	0	0	0
0.269166	0.3	0	0	0	0	0
0.274275	0.07	0	0	0	0	0
0.133754	0	0	0	0	0	0
0.199383	0	0	0	0	0	0
0.08977	0	0	0	0	0	0
0.171165	0	0	0	0	0	0
0.006981	0	0	0	0	0	0
0.010017	0	0	0	0	0	0
0.014139	0	0	0	0	0	0
0.012262	0	0	0	0	0	0
0.016585	0	0	0	0	0	0
0.031683	0	0	0	0	0	0
0.013579	0	0	0	0	0	0
0.011653	0	0	0	0	0	0
0.008744	0	0	0	0	0	0
0.005673	0	0	0	0	0	0
0.009661	0	0	0	0	0	0

0.008746	0	0	0	0	0	0
0.008157	0	0	0	0	0	0
0.007033	0	0	0	0	0	0
0.008134	0	0	0	0	0	0
0.050855	0	0	0	0	0	0
0.010596	0	0	0	0	0	0
0.007399	0	0	0	0	0	0
0.036088	0	0	0	0	0	0
0.013735	0	0	0	0	0	0
0.015684	0	0	0	0	0	0
0.007761	0	0	0	0	0	0
0.011631	0	0	0	0	0	0
0.005571	0	0	0	0	0	0
0.005346	0	0	0	0	0	0
0.009964	0	0	0	0	0	0
0.009208	0	0	0	0	0	0
0.008253	0	0	0	0	0	0
0.012192	0	0	0	0	0	0
0.007424	0	0	0	0	0	0
0.012371	0	0	0	0	0	0
0.007757	0	0	0	0	0	0
0.003449	0	0	0	0	0	0
0.007594	0	0	0	0	0	0
0.0031	0	0	0	0	0	0
0.006473	0	0	0	0	0	0
0.004594	0	0	0	0	0	0
0.033012	0	0	0	0	0	0
0.006249	0	0	0	0	0	0
0.018378	0	0	0	0	0	0
0.00317	0	0	0	0	0	0
0.004696	0	0	0	0	0	0
0.001657	0	0	0	0	0	0
0.003312	0	0	0	0	0	0
0.020959	0	0	0	0	0	0
0.004131	0	0	0	0	0	0
0.019696	0	0	0	0	0	0
0.009468	0	0	0	0	0	0
0.01039	0	0	0	0	0	0
0.011055	0	0	0	0	0	0
0.009095	0	0	0	0	0	0
0.004447	0	0	0	0	0	0
0.003567	0	0	0	0	0	0
0.002913	0	0	0	0	0	0
0.008747	0	0	0	0	0	0
0.00373	0	0	0	0	0	0
0.005391	0	0	0	0	0	0
0.003842	0	0	0	0	0	0
0.007288	0	0	0	0	0	0
0.00392	0	0	0	0	0	0
0.004608	0	0	0	0	0	0

0.001888	0	0	0	0	0	0
0.002927	0	0	0	0	0	0
0.007896	0	0	0	0	0	0
0.003181	0	0	0	0	0	0
0.002445	0	0	0	0	0	0
0.001754	0	0	0	0	0	0
0.00574	0	0	0	0	0	0
0.001554	0	0	0	0	0	0
0.002981	0	0	0	0	0	0
0.003889	0	0	0	0	0	0
0.005865	0	0	0	0	0	0
0.002015	0	0	0	0	0	0
0.001449	0	0	0	0	0	0
0.001048	0	0	0	0	0	0
0.002917	0	0	0	0	0	0
0.000933	0	0	0	0	0	0
0.001606	0	0	0	0	0	0
0.001267	0	0	0	0	0	0
0.002091	0	0	0	0	0	0
0.00163	0	0	0	0	0	0
0.001198	0	0	0	0	0	0
0.005773	0	0	0	0	0	0
0.003124	0	0	0	0	0	0
0.001402	0	0	0	0	0	0
0.001234	0	0	0	0	0	0
0.006876	0	0	0	0	0	0
0.001686	0	0	0	0	0	0
0.002526	0	0	0	0	0	0
0.002272	0	0	0	0	0	0
0.000988	0	0	0	0	2	2
0.001337	0	2	0	0	22	24
0.006608	0	22	0	0	0	22
0.004384	0	0	0	0	0	0
0.004001	0	0	0	0	12	12
0.006596	0	12	0	0	2	14
0.011218	0	0	0	0	0	0
0.004396	0	0	0	0	0	0
0.005994	0	0	0	0	0	0
0.005365	0	0	0	0	0	0
0.007411	0	0	0	0	0	0
0.004832	0	0	0	0	0	0
0.008925	0	0	0	0	0	0
0.005077	0	0	0	0	11	11
0.003928	0	11	0	0	0	11
0.008666	0	0	0	0	0	0
0.004383	0	0	0	0	0	0
0.008046	0	0	0	0	0	0
0.014318	0	0	0	0	0	0
0.025503	0	0	0	0	0	0
0.00268	0	0	0	0	0	0



0.0047	0	0	0	0	0	0
0.00316	0	0	0	0	0	0
0.002538	0	0	0	0	0	0
0.010594	0	0	0	0	0	0
0.00426	0	0	0	0	0	0
0.017117	0	0	0	0	5	5
0.002855	0	5	0	0	0	5
0.015897	0	0	0	0	0	0
0.004867	0	0	0	0	0	0
0.001706	0	0	0	0	0	0
0.001269	0	0	0	0	0	0
0.004039	0	0	0	0	0	0
0.002201	0	0	0	0	0	0
0.002956	0	0	0	0	0	0
0.006503	0	0	0	0	0	0
0.006858	0	0	0	0	0	0
0.004625	0	0	0	0	0	0
0.005772	0	0	0	0	0	0
0.009874	0	0	0	0	0	0
0.007182	0	0	0	0	0	0
0.005519	0	0	0	0	0	0
0.012818	0	0	0	0	0	0
0.008742	0	0	0	0	0	0
0.002508	0	0	0	0	5	5
0.002151	0	5	0	0	0	5
0.002221	0	0	0	0	0	0
0.001816	0	0	0	0	0	0
0.001702	0	0	0	0	0	0
0.005066	0	0	0	0	0	0
0.008504	0	0	0	0	1	1
0.009049	0	1	0	0	4	5
0.005476	0	0	0	0	0	0
0.004254	0	0	0	0	0	0
0.008553	0	0	0	0	0	0
0.009886	0	0	0	0	0	0
0.00587	0	0	0	0	0	0
0.018072	0	0	0	0	0	0
0.046247	0	0	0	0	0	0
0.006219	0	0	0	0	0	0
0.007874	0	0	0	0	0	0
0.006445	0	0	0	0	0	0
0.003775	0	0	0	0	0	0
0.031607	0	0	0	0	0	0
0.036778	0	0	0	0	0	0
0.009759	0	0	0	0	0	0
0.008542	0	0	0	0	0	0
0.008953	0	0	0	0	0	0
0.009694	0	0	0	0	0	0
0.010973	0	0	0	0	0	0
0.018104	0	0	0	0	0	0

0.012499	0	0	0	0	0	0
0.006233	0	0	0	0	0	0
0.916785	0	0	4	4	0	8
0.038511	0	0	0	0	0	0
0.043805	0	0	0	0	0	0
0.038805	0	0	0	0	0	0
0.028171	0	0	0	0	0	0
0.026477	0	0	0	0	0	0
0.027618	0	0	0	0	0	0
0.041643	0	0	0	0	0	0
0.030605	0	0	0	0	0	0
0.031393	0	0	0	0	0	0
0.02783	0	0	0	0	0	0
0.014747	0	0	0	0	0	0
0.016261	0	0	0	0	0	0
0.016916	0	0	0	0	0	0
0.032133	0	0	0	0	0	0
0.035951	0	0	0	0	0	0
0.016836	0	0	0	0	0	0
0.117984	0	0	0	0	0	0
0.04198	0	0	0	0	0	0
0.029343	0	0	0	0	0	0
0.023204	0	0	0	0	0	0
0.029104	0	0	0	0	0	0
0.014347	0	0	0	0	0	0
0.016082	0	0	0	0	0	0
0.015926	0	0	0	0	0	0
0.071726	0	0	0	0	0	0
0.02097	0	0	0	0	0	0
0.066372	0	0	0	0	0	0
0.018605	0	0	0	0	0	0
0.014844	0	0	0	0	0	0
0.010954	0	0	0	0	0	0
0.018602	0	0	0	0	0	0
0.017118	0	0	0	0	0	0
0.048649	0	0	0	0	0	0
0.02104	0	0	0	0	0	0
0.029699	0	0	0	0	0	0
0.017989	0	0	0	0	0	0
0.024517	0	0	0	0	0	0
0.017587	0	0	0	0	0	0
0.010546	0	0	0	0	0	0
0.009944	0	0	0	0	3	3
0.007259	0	3	0	0	0	3
0.006877	0	0	0	0	0	0
0.06556	0	0	0	0	0	0
0.007136	0	0	0	0	0	0
0.008665	0	0	0	0	0	0
0.029838	0	0	0	0	0	0
0.032413	0	0	0	0	0	0

0.056489	0	0	0	0	0	0
0.027692	0	0	0	0	0	0
0.133066	0	0	0	0	0	0
0.054493	0	0	0	0	0	0
0.04363	0	0	0	0	0	0
0.050893	0	0	0	0	0	0
0.042206	0	0	0	0	0	0
0.04453	0	0	0	0	0	0
0.062852	0	0	0	0	0	0
0.056319	0	0	0	0	0	0
0.048862	0	0	0	0	0	0
0.047058	0	0	0	0	0	0
0.030002	0	0	0	0	0	0
0.061503	0	0	0	0	0	0
0.043678	0	0	0	0	0	0
0.069331	0	0	0	0	0	0
0.079849	0	0	0	0	0	0
0.051908	0	0	0	0	0	0
0.032152	0	0	0	0	0	0
0.040444	0	0	0	0	0	0
0.043091	0	0	0	0	0	0
0.039027	0	0	0	0	0	0
0.037075	0	0	0	0	0	0
0.037969	0	0	0	0	0	0
0.050569	0	0	0	0	0	0
0.042077	0	0	0	0	0	0
0.0417	0	0	0	0	0	0
0.046729	0	0	0	0	0	0
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0.036442	0	0	0	0	0	0
0.036282	0	0	0	0	0	0
0.031017	0	0	0	0	0	0
0.043272	0	0	0	0	0	0
0.026997	0	0	0	0	0	0
0.037737	0	0	0	0	0	0
0.052675	0	0	0	0	0	0
0.043339	0	0	0	0	0	0
0.035352	0	0	0	0	0	0
0.049204	0	0	0	0	0	0
0.045902	0	0	0	0	0	0
0.024965	0	0	0	0	0	0
0.023692	0	0	0	0	0	0
0.047666	0	0	0	0	0	0
0.038101	0	0	0	0	0	0
0.041517	0	0	0	0	0	0
0.033216	0	0	0	0	0	0
0.081451	0	0	0	0	0	0
0.063228	0	0	0	0	0	0
0.047187	0	0	0	0	0	0
0.044102	0	0	0	0	0	0

0.033308	0	0	0	0	0	0
0.033145	0	0	0	0	0	0
0.016656	0	0	0	0	0	0
0.025073	0	0	0	0	0	0
0.0494	0	0	0	0	0	0
0.030857	0	0	0	0	0	0
0.04013	0	0	0	0	0	0
0.034692	0	0	0	0	0	0
0.023317	0	0	0	0	0	0
0.021596	0	0	0	0	0	0
0.225017	0	0	0	0	0	0
0.020674	0	0	0	0	0	0
0.021945	0	0	0	0	0	0
0.038705	0	0	0	0	0	0
0.043185	0	0	0	0	0	0
0.018143	0	0	0	0	4	4
0.037699	0	0	0	0	0	0
0.063567	0	0	0	0	0	0
0.037028	0	0	0	0	0	0
0.045471	0	0	0	0	0	0
0.047723	0	0	0	0	0	0
0.044175	0	0	0	0	0	0
0.037832	0	0	0	0	0	0
0.049363	0	0	0	0	0	0
0.013217	0	4	0	0	0	4
0.038359	0	0	0	0	0	0
0.027696	0	0	0	0	0	0
0.026305	0	0	0	0	0	0
0.04103	0	0	0	0	0	0
0.04605	0	0	0	0	0	0
0.039736	0	0	0	0	0	0
0.03752	0	0	0	0	0	0
0.021756	0	0	0	0	0	0
0.027753	0	0	0	0	0	0
0.040249	0	0	0	0	0	0
0.053125	0	0	0	0	0	0
0.024828	0	0	0	0	0	0
0.024911	0	0	0	0	0	0
0.023651	0	0	0	0	0	0
0.014729	0	0	0	0	0	0
0.04587	0	0	0	0	0	0
0.046591	0	0	0	0	0	0
0.029001	0	0	0	0	0	0
0.021895	0	0	0	0	0	0
0.028726	0	0	0	0	0	0
0.039738	0	0	0	0	0	0
0.064507	0	0	0	0	0	0
0.020253	0	0	0	0	0	0
0.016081	0	0	0	0	0	0
0.014134	0	0	0	0	0	0

0.028232	0	0	0	0	0	0
0.023349	0	0	0	0	0	0
0.021743	0	0	0	0	0	0
0.01558	0	0	0	0	0	0
0.039297	0	0	0	0	0	0
0.017867	0	0	0	0	0	0
0.01003	0	0	0	0	0	0
0.024	0	0	0	0	0	0
0.004649	0	0	0	0	0	0
0.021522	0	0	0	0	0	0
0.042326	0	0	0	0	0	0
0.032403	0	0	0	0	0	0
0.039648	0	0	0	0	0	0
0.058114	0	0	0	0	0	0
0.126686	0	0	0	0	0	0
0.063503	0	0	0	0	0	0
0.052878	0	0	0	0	0	0
0.047682	0	0	0	0	0	0
0.054807	0	0	0	0	0	0
0.054702	0	0	0	0	0	0
0.037985	0	0	0	0	0	0
0.099281	0	0	0	0	0	0
0.209042	0	0	0	0	0	0
0.067667	0	0	0	0	0	0
0.052752	0	0	0	0	0	0
0.041977	0	0	0	0	0	0
0.055698	0	0	0	0	0	0
0.048925	0	0	0	0	0	0
0.040701	0	0	0	0	0	0
0.051017	0	0	0	0	0	0
0.0389	0	0	0	0	0	0
0.051419	0	0	0	0	0	0
0.065467	0	0	0	0	0	0
0.04168	0	0	0	0	0	0
0.056943	0	0	0	0	0	0
0.067945	0	0	0	0	0	0
0.074048	0	0	0	0	0	0
0.136841	0	0	0	0	0	0
0.045194	0	0	0	0	0	0
0.038255	0	0	0	0	0	0
0.029357	0	0	0	0	0	0
0.162477	0	0	0	0	0	0
0.032872	0	0	0	0	0	0
0.049266	0	0	0	4	0	4
0.18314	0	0	0	0	0	0
0.061994	0	0	0	0	0	0
0.073514	0	0	0	0	0	0
0.035358	0	0	0	0	0	0
0.041184	0	0	0	0	0	0
0.037863	0	0	0	0	0	0

0.033252	0	0	0	0	0	0
0.046962	0	0	0	0	0	0
0.087519	0	0	0	0	0	0
0.13771	0	0	0	0	0	0
0.054035	0	0	0	0	0	0
0.04666	0	0	0	0	0	0
0.056197	0	0	0	0	0	0
0.0773	0	0	0	0	0	0
0.053206	0	0	0	0	0	0
0.046277	0	0	0	0	0	0
0.046655	0	0	0	0	0	0
0.04643	0	0	0	0	0	0
0.144201	0	0	0	0	0	0
0.085706	0	0	0	0	0	0
0.011327	0	0	0	0	0	0
0.017856	0	0	0	0	0	0
0.026582	0	0	0	0	0	0
0.046161	0	0	0	0	0	0
0.035243	0	0	0	0	0	0
0.026286	0	0	0	0	0	0
0.033682	0	0	0	0	0	0
0.043161	0	0	0	0	0	0
0.03958	0	0	0	0	0	0
0.036815	0	0	0	0	0	0
0.055328	0	0	0	0	0	0
0.049568	0	0	0	0	0	0
0.070353	0	0	0	0	0	0
0.036877	0	0	0	0	0	0
0.046219	0	0	0	0	0	0
0.048822	0	0	0	0	0	0
0.060494	0	0	0	0	0	0
0.042009	0	0	0	0	0	0
0.059775	0	0	0	0	0	0
0.029893	0	0	0	0	0	0
0.031899	0	0	0	0	0	0
0.048045	0	0	0	0	0	0
0.02946	0	0	0	0	0	0
0.062051	0	0	0	0	0	0
0.029624	0	0	0	0	0	0
0.027012	0	0	0	0	0	0
0.114427	0	0	0	0	0	0
0.026391	0	0	0	0	0	0
0.047847	0	0	0	0	0	0
0.02042	0	0	0	0	0	0
0.01578	0	0	0	0	0	0
0.01174	0	0	0	0	0	0
0.038473	0	0	0	0	0	0
0.017173	0	0	0	0	0	0
0.012873	0	0	0	0	0	0
0.043697	0	0	0	0	0	0

0.055827	0	0	0	0	0	0
0.041229	0	0	0	0	0	0
0.029106	0	0	0	0	0	0
0.022302	0	0	0	0	0	0
0.025443	0	0	0	0	0	0
0.023635	0	0	0	0	0	0
0.019224	0	0	0	0	0	0
0.022449	0	0	0	0	0	0
0.025693	0	0	0	0	0	0
0.035177	0	0	0	0	0	0
0.028164	0	0	0	0	0	0
0.0323	0	0	0	0	0	0
0.017974	0	0	0	0	0	0
0.017303	0	0	0	0	0	0
0.033239	0	0	0	0	0	0
0.027822	0	0	0	0	0	0
0.017091	0	0	0	0	0	0
0.019499	0	0	0	0	0	0
0.018137	0	0	0	0	0	0
0.012177	0	0	0	0	0	0
0.008012	0	0	0	0	0	0
0.065033	0	0	0	0	0	0
0.010427	0	0	0	0	0	0
0.02023	0	0	0	0	0	0
0.036136	0	0	0	0	0	0
0.020227	0	0	0	0	0	0
0.020133	0	0	0	0	0	0
0.017363	0	0	0	0	0	0
0.023138	0	0	0	0	0	0
0.026897	0	0	0	0	0	0
0.054589	0	0	0	0	0	0
0.091148	0	0	0	0	0	0
0.06066	0	0	0	0	0	0
0.067465	0	0	0	0	0	0
0.020802	0	0	0	0	0	0
0.029699	0	0	0	0	0	0
0.024927	0	0	0	0	0	0
0.026861	0	0	0	0	0	0
0.029109	0	0	0	0	0	0
0.03203	0	0	0	0	0	0
0.000652	0	0	0	0	0	0
0.000628	0	0	0	0	0	0
0.041815	0	0	0	0	0	0
0.01691	0	0	0	0	2	2
0.014733	0	2	0	0	0	2
0.015461	0	0	0	0	0	0
0.048083	0	0	0	0	0	0
0.016837	0	0	0	0	0	0
0.008326	0	0	0	0	0	0
0.011086	0	0	0	0	0	0

0.009381	0	0	0	0	0	0
0.011161	0	0	0	0	0	0
0.011587	0	0	0	0	0	0
0.023218	0	0	0	0	0	0
0.023177	0.04	0	0	0	0	0
0.004413	0	0	0	0	0	0
0.003925	0	0	0	0	0	0
0.011728	0	0	0	0	0	0
0.095447	0	0	0	0	0	0
0.06517	0	0	0	0	0	0
0.028598	0	0	0	0	0	0
0.058323	0	0	0	0	0	0
0.113062	0	0	0	0	0	0
0.013872	0	0	0	0	0	0
0.006624	0	0	0	0	0	0
0.048952	0	0	0	0	0	0
0.009696	0	0	0	0	0	0
0.026898	0	0	0	0	0	0
0.003828	0	0	0	0	0	0
0.014778	0	0	0	0	0	0
0.015744	0	0	0	0	0	0
0.015537	0	0	0	0	0	0
0.012796	0	0	0	0	0	0
0.009942	0	0	0	0	0	0
0.030403	0	0	0	0	0	0
0.038938	0	0	0	0	0	0
0.024562	0	0	0	0	0	0
0.004784	0	0	0	0	0	0
0.018757	0	0	0	0	0	0
0.004407	0	0	0	0	0	0
0.004945	0	0	0	0	0	0
0.004547	0	0	0	0	0	0
0.010813	0	0	0	0	0	0
0.00212	0	0	0	0	0	0
0.022484	0	0	0	0	0	0
0.035013	0	0	0	0	0	0
0.002187	0	0	0	0	0	0
0.106792	0	0	0	0	0	0
0.044322	0	0	0	0	0	0
0.065305	0	0	0	0	0	0
0.010719	0	0	0	0	0	0
0.009418	0	0	0	0	0	0
0.040709	0	0	0	0	0	0
0.007502	0	0	0	0	2	2
0.013363	0	2	0	0	0	2
0.007171	0	0	0	0	0	0
0.041253	0	0	0	0	0	0
0.020436	0	0	0	0	0	0
0.009004	0	0	0	0	0	0
0.004807	0	0	0	0	0	0



0.002119	0	0	0	0	0	0
0.012355	0	0	0	0	0	0
0.003354	0	0	0	0	0	0
0.029932	0	0	0	0	0	0
0.020637	0	0	0	0	0	0
0.010899	0	0	0	0	0	0
0.013067	0	0	0	0	0	0
0.02399	0	0	0	0	0	0
0.017225	0	0	0	0	0	0
0.025665	0	0	0	0	0	0
0.011475	0	0	0	0	0	0
0.002925	0	0	0	0	0	0
0.013477	0	0	0	0	0	0
0.00848	0	0	0	0	0	0
0.00605	0	0	0	0	0	0
0.016572	0	0	0	0	0	0
0.010849	0	0	0	0	0	0
0.209991	0.01	0	0	0	0	0
0.074594	0.01	0	0	0	0	0
0.00671	0	0	0	0	0	0
0.007545	0	0	0	0	0	0
0.007233	0	0	0	0	0	0
0.013494	0	0	0	0	0	0
0.007838	0	0	0	0	0	0
0.00568	0	0	0	0	0	0
0.00452	0	0	0	0	0	0
0.005275	0	0	0	0	0	0
0.006204	0	0	0	0	0	0
0.003128	0	0	0	0	0	0
0.006532	0	0	0	0	0	0
0.003258	0	0	0	0	0	0
0.004895	0	0	0	0	0	0
0.021157	0	0	0	0	0	0
0.010063	0	0	0	0	0	0
0.002382	0	0	0	0	0	0
0.020847	0	0	0	0	0	0
0.007056	0	0	0	0	0	0
0.102511	0	0	0	0	0	0
0.013278	0	0	0	0	0	0
0.008113	0	0	0	0	0	0
0.009712	0	0	0	0	0	0
0.006673	0	0	0	0	0	0
0.00986	0	0	0	0	0	0
0.003074	0	0	0	0	0	0
0.012329	0	0	0	0	0	0
0.004488	0	0	0	0	0	0
0.005735	0	0	0	0	0	0
0.003703	0	0	0	0	0	0
0.009742	0	0	0	0	0	0
0.001001	0	0	0	0	0	0

0.003297	0	0	0	0	0	0
0.009177	0	0	0	0	0	0
0.008915	0	0	0	0	0	0
0.001553	0	0	0	0	0	0
0.002673	0	0	0	0	0	0
0.004952	0	0	0	0	0	0
0.008891	0	0	0	0	0	0
0.004033	0	0	0	0	0	0
0.004099	0	0	0	0	0	0
0.001732	0	0	0	0	0	0
0.006614	0	0	0	0	0	0
0.009379	0	0	0	0	0	0
0.003025	0	0	0	0	0	0
0.005192	0	0	0	0	0	0
0.002081	0	0	0	0	0	0
0.005316	0.01	0	0	0	0	0
0.03385	0	0	0	0	0	0
0.004466	0	0	0	0	0	0
0.014939	0	0	0	0	0	0
0.007392	0	0	0	0	0	0
0.002885	0	0	0	0	0	0
0.00217	0	0	0	0	0	0
0.033383	0	0	0	0	0	0
0.066371	0	0	0	0	0	0
0.010348	0	0	0	0	5	5
0.007127	0	5	0	0	0	5
0.004145	0	0	0	0	0	0
0.015382	0	0	0	0	0	0
0.026628	0	0	0	0	0	0
0.008722	0	0	0	0	0	0
0.006672	0	0	0	0	0	0
0.014426	0	0	0	0	0	0
0.013799	0	0	0	0	0	0
0.025813	0	0	0	0	0	0
0.001839	0	0	0	0	0	0
0.007227	0	0	0	0	0	0
0.001848	0	0	0	0	0	0
0.003469	0	0	0	0	0	0
0.014787	0	0	0	0	0	0
0.007074	0	0	0	0	0	0
0.007895	0	0	0	0	0	0
0.009239	0	0	0	0	0	0
0.027061	0	0	0	0	0	0
0.019578	0	0	0	0	0	0
0.03821	0	0	0	0	0	0
0.008445	0	0	0	0	0	0
0.008376	0	0	0	0	0	0
0.010225	0	0	0	0	0	0
0.006299	0	0	0	0	0	0
0.04204	0	0	0	0	0	0

0.010497	0	0	0	0	0	0
0.006998	0	0	0	0	0	0
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0.008395	0	0	0	0	0	0
0.004339	0	0	0	0	0	0
0.013118	0	0	0	0	0	0
0.006514	0	0	0	0	0	0
0.008426	0	0	0	0	0	0
0.005455	0	0	0	0	0	0
0.006112	0	0	0	0	0	0
0.019361	0	0	0	0	0	0
0.020723	0	0	0	0	0	0
0.026408	0	0	0	0	0	0
0.019645	0	0	0	0	0	0
0.023648	0	0	0	0	0	0
0.013799	0	0	0	0	0	0
0.014376	0	0	0	0	0	0
0.00307	0	0	0	0	0	0
0.00226	0	0	0	0	0	0
0.004761	0	0	0	0	0	0
0.001739	0	0	0	0	0	0
0.00458	0	0	0	0	0	0
0.005951	0	0	0	0	0	0
0.216882	0	0	0	0	0	0
0.002636	0	0	0	0	0	0
0.002887	0	0	0	0	0	0
0.003135	0	0	0	0	0	0
0.004607	0	0	0	0	0	0
0.01064	0	0	0	0	0	0
0.044471	0	0	0	0	0	0
0.02389	0.03	0	0	0	0	0
0.043353	0	0	0	0	0	0
0.005282	0	0	0	0	0	0
0.002837	0	0	0	0	0	0
0.017751	0	0	0	0	0	0
0.001508	0	0	0	0	0	0
0.001398	0	0	0	0	0	0
0.007515	0	0	0	0	0	0
0.004599	0	0	0	0	0	0
0.00858	0	0	0	0	0	0
0.001901	0	0	0	0	0	0
0.001577	0	0	0	0	0	0
0.004341	0	0	0	0	0	0
0.001882	0	0	0	0	0	0
0.002005	0	0	0	0	0	0
0.001625	0	0	0	0	0	0
0.005385	0	0	0	0	0	0
0.005851	0.01	0	0	0	0	0
0.007571	0	0	0	0	0	0
0.000807	0	0	0	0	0	0

0.001517	0	0	0	0	0	0
0.002409	0	0	0	0	0	0
0.00695	0.01	0	0	0	0	0
0.002565	0	0	0	0	0	0
0.003271	0	0	0	0	0	0
0.000817	0	0	0	0	0	0
0.000854	0	0	0	0	0	0
0.001713	0	0	0	0	0	0
0.001802	0	0	0	0	0	0
0.000887	0	0	0	0	0	0
0.002006	0	0	0	0	0	0
0.001529	0	0	0	0	0	0
0.002397	0	0	0	0	0	0
0.010256	0	0	0	0	0	0
0.191981	0	0	0	0	0	0
0.027215	0	0	0	0	0	0
0.004322	0	0	0	0	0	0
0.017164	0	0	0	0	0	0
0.001827	0	0	0	0	0	0
0.001652	0	0	0	0	0	0
0.048353	0	0	0	0	0	0
0.014024	0	0	0	0	0	0
0.024398	0	0	0	0	0	0
0.037879	0	0	0	0	0	0
0.026028	0	0	0	0	0	0
0.058402	0	0	0	0	0	0
0.027916	0	0	0	0	0	0
0.003205	0	0	0	0	0	0
0.008346	0	0	0	0	0	0
0.009018	0	0	0	0	0	0
0.007685	0	0	0	0	0	0
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0.027162	0	0	0	0	0	0
0.019566	0	0	0	0	0	0
0.003978	0	0	0	0	0	0
0.002353	0	0	0	0	0	0
0.007918	0	0	0	0	0	0
0.006218	0	0	0	0	0	0
0.008335	0	0	0	0	0	0
0.005369	0	0	0	0	0	0
0.01046	0	0	0	0	0	0
0.019947	0	0	0	0	0	0
0.008377	0	0	0	0	0	0
0.014929	0	0	0	0	0	0
0.036129	0	0	0	0	0	0
0.00415	0	0	0	0	0	0
0.003968	0	0	0	0	0	0
0.005404	0	0	0	0	0	0
0.008806	0	0	0	0	0	0
0.005468	0	0	0	0	0	0

0.347173	0	0	0	0	0	0
0.354813	0	0	0	0	0	0
0.002287	0	0	0	0	0	0
0.001493	0	0	0	0	0	0
0.010923	0	0	0	0	0	0
0.001487	0	0	0	0	0	0
0.013316	0	0	0	0	0	0
0.001097	0	0	0	0	0	0
0.005878	0	0	0	0	0	0
0.042345	0	0	0	0	0	0
0.003959	0	0	0	0	0	0
0.009256	0	0	0	0	0	0
0.010471	0	0	0	0	0	0
0.009358	0	0	0	0	0	0
0.002998	0	0	0	0	0	0
0.01117	0	0	0	0	0	0
0.01033	0	0	0	0	0	0
0.009343	0	0	0	0	0	0
0.022995	0	0	0	0	0	0
0.017982	0	0	0	0	0	0
0.008123	0	0	0	0	0	0
0.001304	0	0	0	0	0	0
0.001199	0	0	0	0	0	0
0.01845	0	0	0	0	0	0
0.001454	0	0	0	0	0	0
0.000925	0	0	0	0	0	0
0.000924	0	0	0	0	0	0
0.003175	0	0	0	0	0	0
0.003385	0	0	0	0	0	0
0.005095	0.01	0	0	0	0	0
0.00952	0	0	0	0	0	0
0.019206	0	0	0	0	0	0
0.00664	0	0	0	0	0	0
0.030258	0	0	0	0	0	0
0.01285	0	0	0	0	0	0
0.017326	0	0	0	0	0	0
0.015112	0	0	0	0	0	0
0.014608	0	0	0	0	0	0
0.007018	0	0	0	0	0	0
0.00294	0	0	0	0	0	0
0.001139	0	0	0	0	0	0
0.00111	0	0	0	0	0	0
0.004636	0	0	0	0	0	0
0.004483	0	0	0	0	0	0
0.000734	0	0	0	0	0	0
0.002555	0	0	0	0	0	0
0.001116	0	0	0	0	0	0
0.010052	0	0	0	0	0	0
0.006959	0	0	0	0	0	0
0.003031	0	0	0	0	0	0

0.001739	0	0	0	0	0	0
0.038768	0	0	0	0	0	0
0.060215	0	0	0	0	0	0
0.038161	0	0	0	0	0	0
0.035506	0	0	0	0	0	0
0.061063	0	0	0	0	0	0
0.034942	0	0	0	0	0	0
0.040249	0	0	0	0	0	0
0.042916	0	0	0	0	0	0
0.032713	0	0	0	0	0	0
0.043783	0	0	0	0	0	0
0.064006	0	0	0	0	0	0
0.065884	0	0	0	0	0	0
0.038282	0	0	0	0	0	0
0.085441	0	0	0	0	0	0
0.032673	0	0	0	0	0	0
0.060453	0	0	0	0	0	0
0.039827	0	0	0	0	0	0
0.043518	0	0	0	0	0	0
0.052179	0	0	0	0	0	0
0.039895	0	0	0	0	0	0
0.073011	0	0	0	0	0	0
0.07783	0	0	0	0	0	0
0.021623	0	0	0	0	0	0
0.037819	0	0	0	0	0	0
0.015907	0	0	0	0	0	0
0.04863	0	0	0	0	0	0
0.121917	0	0	0	0	0	0
0.010477	0	0	0	0	0	0
0.026791	0	0	0	0	0	0
0.03255	0	0	0	0	0	0
0.341514	0.04	0	0	0	0	0
0.109291	0	0	0	0	0	0
0.063143	0	0	0	0	0	0
0.140335	0	0	0	0	0	0
0.052493	0	0	0	0	0	0
0.05508	0	0	0	0	0	0
0.017533	0	0	0	0	0	0
0.044942	0	0	0	0	0	0
0.222991	0	0	0	0	0	0
0.002162	0	0	0	0	0	0
0.010351	0	0	0	0	0	0
0.012163	0	0	0	0	0	0
0.012596	0	0	0	0	0	0
0.020746	0	0	0	0	0	0
0.025677	0	0	0	0	0	0
0.007632	0	0	0	0	0	0
0.058623	0	0	0	0	0	0
0.126894	0	0	0	0	0	0
0.050074	0	0	0	0	0	0

0.060284	0	0	0	0	0	0
0.03886	0	0	0	0	0	0
0.055695	0	0	0	0	0	0
0.072049	0	0	0	0	0	0
0.171423	0	0	0	0	0	0
0.126576	0	0	0	0	0	0
0.036815	0	0	0	0	0	0
0.034811	0.03	0	0	0	0	0
0.013984	0.01	0	0	0	0	0
0.124224	0.22	0	13	13	0	26
0.166764	0	0	5	0	0	5
0.035861	0	0	0	0	0	0
0.018463	0.01	0	0	0	0	0
0.007484	0	0	0	0	0	0
0.013962	0	0	0	0	0	0
0.041882	0	0	0	0	0	0
0.206652	0	0	0	0	0	0
0.245423	0	0	0	0	0	0
0.177332	0	0	0	0	0	0
0.117366	0	0	0	0	0	0
0.023463	0	0	0	0	3	3
0.047189	0	3	0	0	0	3
0.094988	0	0	0	0	0	0
0.054335	0	0	0	0	0	0
0.026583	0	0	0	0	0	0
0.022831	0	0	0	0	0	0
0.054159	0	0	0	0	0	0
0.031921	0	0	0	0	0	0
0.02527	0	0	0	0	0	0
0.057364	0	0	0	0	0	0
0.023939	0	0	0	0	0	0
0.09959	0	0	0	0	0	0
0.04785	0	0	0	0	0	0
0.054121	0	0	0	0	0	0
0.062452	0	0	0	0	0	0
0.064067	0	0	0	0	0	0
0.053376	0	0	0	0	0	0
0.053692	0	0	0	0	0	0
0.033835	0	0	0	0	0	0
0.073238	0	0	0	0	0	0
0.06139	0	0	0	0	0	0
0.207611	0	0	0	0	0	0
0.006031	0	0	0	0	0	0
0.00274	0	0	0	0	0	0
0.006157	0	0	0	0	0	0
0.007844	0	0	0	0	0	0
0.006121	0	0	0	0	0	0
0.029919	0	0	0	0	0	0
0.061644	0	0	0	0	0	0
0.008639	0	0	0	0	0	0

0.005965	0	0	0	0	0	0
0.058569	0	0	0	0	0	0
0.00813	0	0	0	0	0	0
0.043126	0	0	0	0	0	0
0.017134	0	0	0	0	0	0
0.019862	0	0	0	0	0	0
0.012395	0	0	0	0	0	0
0.012236	0	0	0	0	0	0
0.031152	0	0	0	0	0	0
0.017205	0	0	0	0	0	0
0.017011	0	0	0	0	0	0
0.008422	0	0	0	0	0	0
0.001422	0	0	0	0	0	0
0.007189	0	0	0	0	0	0
0.000715	0	0	0	0	0	0
0.001611	0	0	0	0	0	0
0.019394	0	0	0	0	0	0
0.025637	0	0	0	0	0	0
0.056756	0	0	0	0	0	0
0.001196	0	0	0	0	0	0
0.008165	0	0	0	0	0	0
0.000761	0	0	0	0	0	0
0.000917	0	0	0	0	0	0
0.000568	0	0	0	0	0	0
0.000145	0	0	0	0	0	0
0.092845	0	0	0	0	0	0
0.030527	0	0	0	0	0	0
0.029249	0	0	0	0	0	0
0.060089	0	0	0	0	0	0
0.00363	0	0	0	0	0	0
0.011852	0	0	0	0	0	0
0.006724	0	0	0	0	0	0
0.006682	0	0	0	0	0	0
0.000533	0	4	0	0	0	4
0.000002	0	0	0	0	0	0
0.000265	0	0	0	0	0	0
0.002255	0	0	0	0	0	0
0.000177	0	0	0	0	0	0
0.000411	0	0	0	0	0	0
0.00004	0	0	0	1	0	1
0.000471	0	0	0	0	0	0
0.108355	0	0	0	0	0	0
0.000103	0	0	0	0	0	0
0.000007	0	0	0	0	0	0
0.00657	0	0	0	0	0	0
0.000514	0	0	0	0	0	0
0.000042	0	0	0	0	0	0
0.00068	0	0	0	0	0	0
0.000206	0	0	0	3	0	3
0.000931	0	0	0	0	2	2



0.000701	0	0	0	0	0	0
0.000137	0	0	0	0	0	0
0.000032	0	0	0	0	0	0
0.007262	0	0	0	0	0	0
0.005341	0	0	0	0	0	0
0.002223	0	0	0	0	0	0
0.017442	0	0	0	0	0	0
0.004322	0	0	0	0	0	0
0.008464	0	0	0	0	0	0
0.015124	0	0	0	0	0	0
0.00366	0	0	0	0	0	0
0.031518	0	0	0	0	0	0
0.074121	0	0	0	0	0	0
0.0983	0	0	0	0	0	0
0.005895	0	0	0	0	0	0
0.004655	0	0	0	0	0	0
0.028513	0	0	0	0	0	0
0.054405	0	0	0	0	0	0
0.003741	0	0	0	0	0	0
0.004267	0	0	0	0	0	0
0.025504	0	0	0	0	0	0
0.00364	0	0	0	0	0	0
0.035968	0	0	0	0	0	0
0.019692	0	0	0	0	0	0
0.015157	0	0	0	0	0	0
0.020586	0	0	0	0	0	0
0.008037	0	0	0	0	0	0
0.009332	0	0	0	0	0	0
0.012753	0	0	0	0	0	0
0.011075	0	0	0	0	0	0
0.022828	0	0	0	0	0	0
0.020762	0	0	0	0	0	0
0.022515	0	0	0	0	0	0
0.019872	0	0	0	0	0	0
0.038199	0	0	0	0	0	0
0.02777	0	0	0	0	0	0
0.031996	0	0	0	0	0	0
0.011939	0	0	0	0	0	0
0.022482	0	0	0	0	0	0
0.024218	0	0	0	0	0	0
0.016486	0	0	0	0	0	0
0.00129	0	0	0	0	0	0
0.000515	0	0	0	0	0	0
0.000464	0	0	0	0	0	0
0.000971	0	0	0	0	0	0
0.002766	0	0	0	0	0	0
0.000792	0	0	0	0	0	0
0.000553	0	0	0	0	0	0
0.000515	0	0	0	0	0	0
0.067052	0	0	0	0	0	0

0.461101	0	0	0	0	0	0
0.059672	0	0	0	0	0	0
0.034593	0	0	0	0	0	0
0.023232	0	0	0	0	6	6
0.051854	0.1	6	0	0	0	6
0.04342	0	0	0	0	0	0
0.595905	0	0	0	0	0	0
0.062756	0	0	0	0	0	0
0.058913	0	0	0	0	0	0
0.019107	0	0	0	0	0	0
0.036244	0	0	0	0	0	0
0.013625	0	0	0	0	0	0
0.034903	0	0	0	0	0	0
0.031246	0	0	0	0	0	0
0.013389	0	0	0	0	0	0
0.013252	0	0	0	0	0	0
0.008786	0	0	0	0	0	0
0.006369	0	0	0	0	0	0
0.041405	0	0	0	0	0	0
0.043964	0	0	0	0	0	0
0.065953	0	0	0	0	0	0
0.04744	0	0	0	0	0	0
0.016069	0	0	0	0	0	0
0.073151	0.01	0	0	0	0	0
0.01418	0	0	0	0	0	0
0.141625	0.05	0	0	0	0	0
0.004509	0	2	0	0	0	2
0.005253	0	0	0	0	0	0
0.004548	0	0	0	0	0	0
0.00432	0	0	0	0	0	0
0.002992	0	0	0	0	0	0
0.007801	0.03	0	0	0	0	0
0.009804	0	0	0	0	0	0
0.056149	0	0	0	0	0	0
0.054899	0	0	0	0	0	0
0.049406	0	0	0	0	0	0
0.099662	0	0	0	0	0	0
0.013329	0	0	0	0	0	0
0.030221	0	0	0	0	0	0
0.043818	0	0	0	0	0	0
0.028455	0	0	0	0	0	0
0.091915	0	0	0	0	0	0
0.126155	0	0	0	0	0	0
0.016367	0	0	0	0	0	0
0.014031	0	0	0	0	0	0
0.03447	0	0	0	0	0	0
0.065254	0	0	0	0	0	0
0.071329	0	0	0	0	0	0
0.030613	0	0	0	0	0	0
0.022667	0	0	0	0	0	0

0.01424	0	0	0	0	0	0
0.066239	0	0	0	0	0	0
0.051927	0	0	0	0	0	0
0.040153	0	0	0	0	0	0
0.031829	0	0	0	0	0	0
0.027296	0	0	0	0	0	0
0.072251	0	0	0	0	0	0
0.05851	0	0	0	0	0	0
0.057971	0	0	0	0	0	0
0.04467	0	0	0	0	0	0
0.047386	0	0	0	0	0	0
0.046756	0	0	0	0	0	0
0.061239	0	0	0	0	0	0
0.034966	0	0	0	0	0	0
0.049801	0	0	0	0	0	0
0.041644	0	0	0	0	0	0
0.060969	0	0	0	0	0	0
0.042048	0	0	0	0	0	0
0.015898	0	0	0	0	0	0
0.03089	0	0	0	0	0	0
0.033483	0	0	0	0	0	0
0.043643	0	0	0	0	0	0
0.017575	0	0	0	0	0	0
0.041506	0	0	0	0	0	0
0.046871	0	0	0	0	0	0
0.034837	0	0	0	0	0	0
0.100383	0	0	0	0	0	0
0.051833	0	0	0	0	0	0
0.06356	0	0	0	0	0	0
0.079225	0	0	0	0	0	0
0.028249	0	0	0	0	0	0
0.038026	0	0	0	0	0	0
0.019451	0	0	0	0	0	0
0.027615	0	0	0	0	0	0
0.025167	0	0	0	0	0	0
0.065094	0	0	0	0	0	0
0.008164	0	0	0	0	0	0
0.011159	0	0	0	0	0	0
0.017317	0	0	0	0	0	0
0.020093	0	0	0	0	0	0
0.032117	0	0	0	0	0	0
0.02877	0	0	0	0	0	0
0.012028	0	0	0	0	0	0
0.025585	0	0	0	0	0	0
0.012056	0	0	0	0	0	0
0.008662	0	0	0	0	0	0
0.043431	0	0	0	0	0	0
0.025858	0	0	0	0	0	0
0.010042	0	0	0	0	0	0
0.021769	0	0	0	0	0	0

0.023725	0	0	0	0	0	0
0.021821	0	0	0	0	0	0
0.02461	0	0	0	0	0	0
0.017902	0	0	0	0	0	0
0.027382	0	0	0	0	0	0
0.045955	0	0	0	0	0	0
0.007542	0	0	0	0	0	0
0.045762	0	0	0	0	0	0
0.01357	0	0	0	0	0	0
0.023289	0	0	0	0	0	0
0.010226	0	0	0	0	0	0
0.01086	0	0	0	0	0	0
0.016364	0	0	0	0	0	0
0.010364	0	0	0	0	0	0
0.018831	0	0	0	0	0	0
0.015714	0	0	0	0	0	0
0.030617	0	0	0	0	0	0
0.017238	0	0	0	0	0	0
0.032183	0	0	0	0	0	0
0.003865	0	0	0	0	0	0
0.043853	0	0	0	0	0	0
0.014766	0	0	0	0	0	0
0.038966	0	0	0	0	0	0
0.088259	0	0	0	0	0	0
0.031608	0	0	0	0	0	0
0.023611	0	0	0	0	0	0
0.024962	0	0	0	0	0	0
0.058068	0	0	0	0	0	0
0.029989	0	0	0	0	0	0
0.0173	0	0	0	0	0	0
0.016993	0	0	0	0	0	0
0.014437	0	0	0	0	0	0
0.151397	0	0	0	0	0	0
0.006588	0	0	0	0	0	0
0.008334	0	0	0	0	0	0
0.004867	0	0	0	0	0	0
0.005871	0	0	0	0	0	0
0.00417	0	0	0	0	0	0
0.011668	0	0	0	0	0	0
0.010465	0	0	0	0	0	0
0.009769	0	0	0	0	0	0
0.013669	0	0	0	0	0	0
0.010939	0	0	0	0	0	0
0.008407	0	0	0	0	0	0
0.005371	0	0	0	4	0	4
0.008684	0	0	0	0	0	0
0.020805	0	0	0	0	0	0
0.025839	0	0	0	0	0	0
0.017707	0	0	0	0	0	0
0.007855	0	0	0	0	0	0

0.006051	0	0	0	0	0	0
0.005689	0	0	0	0	0	0
0.014147	0	0	0	0	0	0
0.011769	0	0	0	0	0	0
0.007764	0	0	0	0	0	0
0.011291	0	0	0	0	0	0
0.007225	0	0	0	0	0	0
0.00882	0	0	0	0	0	0
0.020393	0	0	0	0	0	0
0.004354	0	0	0	0	0	0
0.005346	0	0	0	0	0	0
0.006536	0	0	0	0	0	0
0.005422	0	0	0	0	0	0
0.057954	0	0	0	0	0	0
0.032758	0	0	0	0	0	0
0.08123	0	0	0	0	0	0
0.091128	0	0	0	0	0	0
0.082135	0	0	0	0	0	0
0.050693	0	0	0	0	0	0
0.033243	0	0	0	0	0	0
0.015794	0	0	0	0	0	0
0.024139	0	0	0	0	0	0
0.010626	0	0	0	0	0	0
0.049261	0	0	0	0	0	0
0.079625	0	0	0	0	0	0
0.107348	0	0	0	0	0	0
0.165674	0	0	0	0	0	0
0.095043	0	0	0	0	0	0
0.027603	0	0	0	0	0	0
0.014594	0	0	0	0	0	0
0.028097	0	0	0	0	0	0
0.017067	0	0	0	0	0	0
0.207054	0	0	0	0	0	0
0.165083	0	0	0	0	0	0
0.95047	0	0	0	0	0	0
0.03329	0	0	0	0	0	0
0.027323	0	0	0	0	0	0
0.033412	0	0	0	0	0	0
0.03759	0	0	0	0	0	0
0.069912	0	0	0	0	1	1
0.041865	0	1	0	0	0	1
0.009587	0	0	0	0	0	0
0.098346	0	0	0	0	0	0
0.089289	0.05	0	6	3	2	11
0.146162	0	0	0	7	6	13
0.037793	0	6	0	0	0	6
0.055035	0.01	0	3	0	0	3
0.041802	0	0	0	0	0	0
0.186269	0.09	0	0	0	0	0
0.042393	0	0	0	9	0	9

0.021783	0	0	0	0	0	0
0.112003	0.01	0	0	0	0	0
0.09849	0	0	0	0	0	0
0.020588	0	0	0	0	0	0
0.022766	0	0	0	0	0	0
0.019755	0	0	0	0	0	0
0.016459	0	0	0	0	0	0
0.031344	0	0	0	0	0	0
0.018672	0	0	0	0	0	0
0.022177	0	0	0	0	0	0
0.022567	0	0	0	0	0	0
0.029594	0	0	0	0	0	0
0.028821	0	0	0	0	0	0
0.032275	0	0	0	0	0	0
0.060723	0	0	0	0	0	0
0.036035	0	0	0	0	0	0
0.050838	0	0	0	0	0	0
0.049505	0	0	0	0	0	0
0.070411	0	0	0	0	0	0
0.030828	0	0	0	0	0	0
0.052364	0	0	0	0	0	0
0.002553	0	0	0	0	0	0
0.000614	0	0	0	0	0	0
0.006051	0	0	0	0	0	0
0.005316	0	0	0	0	0	0
0.004959	0	0	0	0	0	0
0.001939	0	0	0	0	0	0
0.006481	0	0	0	0	0	0
0.022714	0	0	0	0	0	0
0.0058	0.01	0	0	0	0	0
0.019306	0	0	0	0	0	0
0.003424	0	0	0	0	0	0
0.01174	0	0	0	0	0	0
0.002885	0	0	0	0	0	0
0.002187	0	0	0	0	0	0
0.0026	0	0	0	0	0	0
0.001943	0	0	0	0	0	0
0.010904	0	0	0	0	0	0
0.063051	0	0	0	0	0	0
0.048237	0	0	0	0	0	0
0.196212	0	0	0	0	0	0
0.004635	0	0	0	0	0	0
0.006333	0	0	0	0	0	0
0.006062	0	0	0	0	0	0
0.010736	0	0	0	0	0	0
0.119284	0	0	0	0	0	0
0.072827	0	0	0	0	0	0
0.084834	0	0	0	0	0	0
0.032448	0	0	0	0	0	0
0.052256	0	0	0	0	0	0

0.06043	0	0	0	0	0	0
0.019301	0	0	0	0	0	0
0.061382	0	0	0	0	0	0
0.012099	0	0	0	0	0	0
0.8742	0	0	0	0	0	0
0.01229	0	0	0	0	0	0
0.026636	0	0	0	0	0	0
0.020861	0	0	0	0	0	0
0.010223	0	0	0	0	0	0
0.008539	0	0	0	0	0	0
0.030061	0	0	0	0	0	0
0.578692	0	4	0	0	0	4
0.016314	0	0	0	0	0	0
0.062548	0	0	0	0	0	0
0.047767	0	0	0	0	0	0
0.085349	0	0	0	0	0	0
0.060077	0	0	0	0	0	0
0.108779	0	0	0	0	0	0
0.098944	0	0	0	0	0	0
0.090197	0	0	0	0	0	0
0.13336	0	0	0	0	0	0
0.120757	0	0	0	0	0	0
0.055429	0	0	0	0	0	0
0.175922	0	0	0	0	0	0
0.067983	0	0	0	0	0	0
0.068487	0	0	0	0	0	0
0.208696	0	0	0	0	0	0
0.018173	0	0	0	0	0	0
0.001539	0	0	0	0	0	0
0.00307	0	0	0	0	0	0
0.014362	0	0	0	0	0	0
0.04415	0.04	0	0	0	0	0
0.002028	0	0	0	0	0	0
0.001484	0	0	0	0	0	0
0.001423	0	0	0	0	0	0
0.00222	0	0	0	0	0	0
0.00075	0	0	0	0	0	0
0.001229	0	0	0	0	1	1
0.003092	0	1	0	0	0	1
0.0005	0	0	0	0	0	0
0.006741	0	0	0	0	0	0
0.007454	0	0	0	0	0	0
0.011734	0	0	0	0	0	0
0.052752	0	0	0	0	0	0
0.022684	0	0	0	0	0	0
0.022588	0	0	0	0	0	0
0.010817	0	0	0	0	0	0
0.061567	0	0	0	0	0	0
0.010991	0	0	0	0	0	0
0.008764	0	0	0	0	0	0

0.013422	0	0	0	0	0	0
0.011527	0	0	0	0	0	0
0.128841	0	0	0	0	0	0
0.084851	0	0	0	0	0	0
0.03141	0	0	0	0	0	0
0.099857	0	0	0	0	0	0
0.079017	0	0	0	0	0	0
0.029278	0	0	0	0	0	0
0.007206	0	0	0	0	0	0
0.011655	0	0	0	0	0	0
0.016363	0	0	0	0	0	0
0.002007	0.01	0	0	0	0	0
0.009682	0	0	0	0	0	0
0.040255	0	0	0	0	0	0
0.007069	0.02	0	0	0	0	0
0.001954	0	0	0	0	0	0
0.117699	0	0	0	0	0	0
0.031669	0	0	0	0	0	0
0.044872	0	0	0	0	0	0
0.074409	0	0	0	0	0	0
0.063364	0	0	0	0	0	0
0.027318	0	0	0	0	0	0
0.04505	0	0	0	0	0	0
0.05623	0	0	0	0	0	0
0.03557	0	0	0	0	0	0
0.062214	0	0	0	0	0	0
0.041139	0	0	0	0	0	0
0.084929	0	0	0	0	0	0
0.045841	0	0	0	0	0	0
0.052304	0	0	0	0	0	0
0.06071	0	0	0	0	0	0
0.062155	0	0	0	0	0	0
0.059972	0	0	0	0	0	0
0.054187	0	0	0	0	0	0
0.104761	0	0	0	0	0	0
0.049816	0	0	0	0	0	0
0.06171	0	0	0	0	0	0
0.025822	0	0	0	0	0	0
0.018896	0	0	0	0	0	0
0.052118	0	0	0	0	0	0
0.027807	0	0	0	0	0	0
0.029218	0	0	0	0	0	0
0.059157	0	0	0	0	0	0
0.037302	0	0	0	0	0	0
0.036067	0	0	0	0	0	0
0.089351	0	0	0	0	0	0
0.033557	0	0	0	0	0	0
0.026365	0	0	0	0	0	0
0.016526	0	0	0	0	0	0
0.019126	0	0	0	0	0	0



0.019039	0	0	0	0	0	0
0.014033	0	0	0	0	0	0
0.018792	0	0	0	0	0	0
0.029417	0	0	0	0	0	0
0.049964	0	0	0	0	0	0
0.017326	0	0	0	0	0	0
0.04409	0	0	0	0	0	0
0.040481	0	0	0	0	0	0
0.038103	0	0	0	0	0	0
0.055271	0	0	0	0	0	0
0.143018	0	0	0	0	0	0
0.038258	0	0	0	0	0	0
0.051445	0	0	0	0	0	0
0.038573	0	0	0	0	0	0
0.023755	0	0	0	0	0	0
0.043752	0	0	0	0	0	0
0.003055	0	0	0	0	0	0
0.001299	0	0	0	0	0	0
0.002084	0	0	0	0	0	0
0.006638	0	0	0	0	0	0
0.008706	0	0	0	0	0	0
0.020703	0	0	0	0	0	0
0.023596	0	0	0	0	0	0
0.033895	0	0	0	0	0	0
0.00851	0	0	0	0	0	0
0.012247	0	0	0	0	0	0
0.041561	0	0	0	0	0	0
0.015643	0	0	0	0	0	0
0.020782	0	0	0	0	0	0
0.011589	0	0	0	0	0	0
0.014141	0	0	0	0	0	0
0.027056	0	0	0	0	0	0
0.035635	0	0	0	0	0	0
0.065381	0	0	0	0	0	0
0.040521	0	0	0	0	0	0
0.009643	0	0	0	0	0	0
0.006365	0	0	0	0	0	0
0.020151	0	0	0	0	0	0
0.021631	0	0	0	0	0	0
0.015601	0	0	0	0	0	0
0.274949	0.05	0	0	0	5	5
0.029269	0	0	0	0	0	0
0.029478	0	0	0	0	0	0
0.021029	0	0	0	0	0	0
0.023275	0	0	0	0	0	0
0.071519	0	0	0	0	0	0
0.041281	0	0	0	0	0	0
0.02924	0	0	0	0	0	0
0.027194	0	0	0	0	0	0
0.006363	0	0	0	0	0	0

0.005464	0	0	0	0	0	0
0.00691	0	0	0	0	0	0
0.009727	0	0	0	0	0	0
0.005286	0	0	0	0	0	0
0.008525	0	0	0	0	0	0
0.004201	0	0	0	0	0	0
0.058786	0	0	0	0	0	0
0.029602	0	0	0	0	0	0
0.014998	0	0	0	0	0	0
0.008615	0	0	0	0	0	0
0.008173	0	0	0	0	0	0
0.007868	0	0	0	0	0	0
0.008906	0	0	0	0	0	0
0.008002	0	0	0	0	0	0
0.017535	0.03	0	0	0	0	0
0.013196	0	0	0	0	0	0
0.020976	0	0	0	0	0	0
0.023079	0	0	0	0	0	0
0.013156	0	0	0	0	0	0
0.002468	0	0	0	1	15	16
0.003185	0	15	0	0	0	15
0.002292	0	0	0	0	0	0
0.00542	0	0	0	0	0	0
0.007587	0	0	0	0	0	0
0.006788	0	0	0	0	0	0
0.001475	0	0	0	0	0	0
0.00447	0	0	0	0	0	0
0.002331	0	0	0	0	0	0
0.037971	0	0	0	0	0	0
0.035484	0	0	0	0	0	0
0.039203	0	0	0	0	0	0
0.044208	0	0	0	0	0	0
0.063781	0	0	0	0	0	0
0.047116	0	0	0	0	0	0
0.03131	0	0	0	0	0	0
0.047472	0	0	0	0	0	0
0.040361	0	0	0	0	0	0
0.027373	0	0	0	0	0	0
0.046931	0	0	0	0	0	0
0.027371	0	0	0	0	0	0
0.036686	0	0	0	0	0	0
0.035711	0	0	0	0	0	0
0.005258	0	0	0	0	0	0
0.22918	0.12	0	0	0	0	0
0.014757	0	0	0	0	0	0
0.026373	0	0	0	0	0	0
0.016707	0	0	0	0	0	0
0.045056	0	0	0	0	0	0
0.089498	0	0	0	0	0	0
0.149198	0	0	0	0	0	0

0.04921	0	0	0	0	0	0
0.02568	0	0	0	0	0	0
0.02063	0	0	0	0	0	0
0.036195	0	0	0	0	0	0
0.029004	0	0	0	0	0	0
0.012474	0	0	0	0	0	0
0.047903	0	0	0	0	0	0
0.25161	0	0	0	0	0	0
0.012794	0	0	0	0	0	0
0.004609	0	0	0	0	0	0
0.006449	0	0	0	0	0	0
0.006414	0	0	0	0	0	0
0.021681	0	0	0	0	0	0
0.005165	0	0	0	0	0	0
0.007441	0	0	0	0	0	0
0.03006	0	0	0	0	0	0
0.004521	0	0	0	0	0	0
0.002384	0	0	0	0	0	0
0.002722	0	0	0	0	0	0
0.011533	0	0	0	0	0	0
0.020757	0	0	0	0	0	0
0.007677	0	0	0	0	0	0
0.002772	0	0	0	0	0	0
0.007204	0	0	0	0	0	0
0.005652	0	0	0	0	0	0
0.008056	0	0	0	0	0	0
0.064536	0	0	0	0	0	0
0.057509	0	0	0	0	0	0
0.104046	0	0	0	0	0	0
0.057647	0	0	0	0	0	0
0.069311	0	0	0	0	0	0
0.059182	0	0	0	0	0	0
0.083099	0	0	0	0	0	0
0.0545	0	0	0	0	0	0
0.121064	0	0	0	0	0	0
0.053787	0	0	0	0	0	0
0.258417	0	0	0	0	0	0
0.183615	0	0	0	0	0	0
0.031935	0	0	0	0	0	0
0.041465	0	0	0	0	0	0
0.031343	0	0	0	0	0	0
0.125184	0	0	0	0	0	0
0.05864	0	0	0	0	0	0
0.051352	0	0	0	0	0	0
0.028	0	0	0	0	0	0
0.025906	0	0	0	0	0	0
0.036665	0	0	0	0	0	0
0.03128	0	0	0	0	0	0
0.046606	0	0	0	0	0	0
0.038131	0	0	0	0	0	0

0.024532	0	0	0	0	0	0
0.033383	0	0	0	0	0	0
0.047778	0	0	0	0	0	0
0.03626	0	0	0	0	0	0
0.048623	0	0	0	0	0	0
0.03381	0	0	0	0	0	0
0.053589	0	0	0	0	0	0
0.045866	0	0	0	0	0	0
0.052316	0	0	0	0	0	0
0.046684	0	0	0	0	0	0
0.010348	0	0	0	0	0	0
0.008251	0	0	0	0	0	0
0.007533	0	0	0	0	0	0
0.009441	0	0	0	0	0	0
0.019865	0	0	0	0	0	0
0.098386	0	0	0	0	0	0
0.05105	0	0	0	0	0	0
0.100945	0	0	0	0	0	0
0.031612	0	0	0	0	0	0
0.020288	0	0	0	0	0	0
0.014304	0	0	0	0	0	0
0.048181	0	0	0	0	0	0
0.053693	0	0	0	0	0	0
0.091973	0	0	0	0	0	0
0.071745	0	0	0	0	0	0
0.068362	0	0	0	0	0	0
0.074738	0	0	0	0	0	0
0.367637	0	0	0	0	0	0
0.127295	0	0	0	0	0	0
0.044235	0	0	0	0	0	0
0.045484	0	3	0	0	0	3
0.077861	0	0	0	0	0	0
0.056415	0	0	0	0	0	0
0.025037	0	0	0	0	0	0
0.098723	0	0	0	0	0	0
0.2024	0	0	0	0	0	0
0.268537	0	0	0	0	0	0
0.208662	0	0	0	0	0	0
0.072513	0	0	0	0	0	0
0.118252	0	0	0	0	0	0
0.053767	0	0	0	0	0	0
0.045261	0	0	0	0	3	3
0.06886	0	0	0	0	0	0
0.132614	0	0	0	0	0	0
0.075011	0	0	0	0	0	0
0.065341	0	0	0	0	0	0
0.062051	0	0	0	0	0	0
0.070361	0	0	0	0	0	0
0.052012	0	0	0	0	0	0
0.052031	0	0	0	0	0	0

0.054583	0	0	0	0	0	0
0.028751	0	0	0	0	0	0
0.022366	0	0	0	0	0	0
0.03772	0	0	0	0	0	0
0.038183	0	0	0	0	0	0
0.034139	0	0	0	0	0	0
0.032693	0	0	0	0	0	0
0.035509	0	0	0	0	0	0
0.023689	0	0	0	0	0	0
0.018525	0	0	0	0	0	0
0.014947	0	0	0	0	0	0
0.017226	0	0	0	0	0	0
0.13973	0	0	0	0	0	0
0.050089	0	0	0	0	0	0
0.020719	0	0	0	0	0	0
0.030659	0	0	0	0	0	0
0.018215	0	0	0	0	0	0
0.030091	0	0	0	0	0	0
0.109042	0	0	0	0	0	0
0.015617	0	0	0	0	0	0
0.054499	0	0	0	0	0	0
0.000863	0	0	0	0	0	0
0.000718	0	0	0	0	9	9
0.03143	0	0	0	0	0	0
0.015331	0	0	0	0	0	0
0.012237	0	0	0	0	0	0
0.012905	0	0	0	0	0	0
0.063471	0	0	0	0	0	0
0.04725	0	0	0	0	0	0
0.047616	0	0	0	0	0	0
0.048258	0	0	0	0	0	0
0.449881	0	0	0	0	0	0
0.023866	0	0	0	0	0	0
0.011284	0	0	0	0	0	0
0.025801	0	0	0	0	0	0
0.027542	0	0	0	0	0	0
0.014352	0	0	0	0	0	0
0.01905	0	0	0	0	0	0
0.012634	0	0	0	0	0	0
0.007818	0	0	0	0	0	0
0.009018	0	0	0	0	0	0
0.023239	0	0	0	0	0	0
0.040415	0	0	0	0	0	0
0.0149	0	0	0	0	0	0
0.019471	0	0	0	0	0	0
0.017417	0	0	0	0	0	0
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0.01622	0	0	0	0	0	0
0.020022	0	0	0	0	0	0

0.03323	0	0	0	0	0	0
0.040844	0	0	0	0	0	0
0.05061	0	0	0	0	0	0
0.020487	0	0	0	0	0	0
0.042855	0	0	0	0	0	0
0.054115	0	0	0	0	0	0
0.031768	0	0	0	0	0	0
0.03298	0	0	0	0	0	0
0.06285	0	0	0	0	0	0
0.033461	0	0	0	0	0	0
0.028323	0	0	0	0	0	0
0.025551	0	0	0	0	0	0
0.022114	0	0	0	0	0	0
0.016495	0	0	0	0	0	0
0.023055	0	0	0	0	0	0
0.027777	0	0	0	0	0	0
0.024241	0.01	0	0	0	0	0
0.083611	0	0	0	0	0	0
0.010233	0	0	0	0	0	0
0.024663	0	0	0	0	0	0
0.016197	0	0	0	0	0	0
0.013997	0	0	0	0	0	0
0.023615	0	0	0	0	0	0
0.020125	0	0	0	0	0	0
0.012875	0	0	0	0	0	0
0.009033	0	0	0	0	0	0
0.089302	0	0	0	0	0	0
0.002516	0	0	0	0	0	0
0.000077	0	0	0	0	0	0
0.000362	0	0	0	0	0	0
0.000008	0	0	0	0	0	0
0.000128	0	0	0	0	0	0
0.001306	0	0	0	5	0	5
0.000006	0	0	0	0	0	0
0.000812	0	0	0	0	0	0
0.018387	0	0	0	0	0	0
0.032422	0	0	0	0	0	0
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0.048094	0	0	0	0	0	0
0.106826	0	0	0	0	0	0
0.039251	0	0	0	0	0	0
0.013919	0	0	0	0	0	0
0.023154	0	0	0	0	0	0
0.01503	0	0	0	0	0	0
0.038565	0	0	0	0	0	0
0.017174	0	0	0	0	0	0
0.03324	0	0	0	0	0	0
0.015674	0.02	0	0	0	0	0
0.045219	0	0	0	0	0	0
0.003635	0	0	6	0	0	6

0.002077	0	0	0	0	0	0
0.001071	0	0	0	0	0	0
0.00322	0	0	0	0	0	0
0.014365	0.01	0	0	0	0	0
0.011427	0	0	0	5	0	5
0.001444	0	0	0	0	0	0
0.001385	0	0	0	0	0	0
0.031171	0	0	0	0	0	0
0.040941	0	0	0	0	0	0
0.026209	0	0	0	0	0	0
0.002049	0	0	0	0	0	0
0.000258	0	0	0	0	0	0
0.001166	0	0	0	0	0	0
0.000581	0	0	0	0	0	0
0.001982	0	0	0	0	0	0
0.003218	0	0	0	0	0	0
0.000804	0	0	0	0	0	0
0.002525	0	0	0	0	0	0
0.002465	0	0	0	0	0	0
0.012022	0	0	0	0	6	6
0.019248	0	6	0	0	0	6
0.02271	0	0	0	0	0	0
0.001624	0	0	0	0	0	0
0.003394	0	0	0	0	0	0
0.033749	0	0	0	0	0	0
0.008386	0	0	0	0	0	0
0.008439	0	0	0	0	0	0
0.010643	0	0	0	0	0	0
0.010627	0	0	0	0	0	0
0.010746	0	0	0	0	0	0
0.018094	0	0	0	0	0	0
0.027633	0	0	0	0	0	0
0.011454	0	0	0	0	0	0
0.005166	0	0	0	0	0	0
0.009245	0	0	0	0	0	0
0.012869	0	0	0	0	0	0
0.010125	0	0	0	0	0	0
0.025299	0	0	0	0	0	0
0.015824	0	0	0	0	0	0
0.0145	0	0	0	0	0	0
0.097331	0	0	0	0	0	0
0.008814	0	0	0	0	0	0
0.008324	0	0	0	0	0	0
0.010044	0	0	0	0	0	0
0.013704	0	0	0	0	0	0
0.010043	0	0	0	0	0	0
0.013361	0	0	0	0	0	0
0.008577	0	0	0	0	0	0
0.020966	0	0	0	0	0	0
0.060507	0	0	0	0	6	6

0.015847	0	6	0	0	0	6
0.04497	0	0	0	0	0	0
0.011101	0	0	0	0	0	0
0.01759	0	0	0	0	13	13
0.010298	0	0	0	0	0	0
0.044375	0	0	0	0	0	0
0.056708	0	0	0	0	0	0
0.081544	0	0	0	0	0	0
0.005658	0	0	0	0	0	0
0.013482	0	0	0	0	0	0
0.015245	0	0	0	0	0	0
0.025113	0	0	0	0	0	0
0.014838	0	0	0	0	0	0
0.028807	0	0	0	0	0	0
0.014866	0	0	0	0	0	0
0.034479	0	0	0	0	0	0
0.012752	0	0	0	0	0	0
0.016989	0	0	0	0	0	0
0.062288	0	0	0	0	0	0
0.024389	0	0	0	0	0	0
0.014816	0	0	0	0	0	0
0.013646	0	0	0	0	0	0
0.037685	0	0	0	0	0	0
0.010225	0	0	0	0	0	0
0.057859	0	0	0	0	0	0
0.108608	0	0	0	0	0	0
0.05229	0	0	0	0	0	0
0.016887	0	0	0	0	0	0
0.02319	0	0	0	0	0	0
0.44286	0	0	0	0	0	0
0.040904	0	0	0	0	0	0
0.472725	0	0	0	0	0	0
0.215369	0.1	0	0	0	0	0
0.445339	0	0	0	0	0	0
0.307299	0	0	0	0	0	0
0.027915	0	0	0	0	0	0
0.076439	0	0	0	0	0	0
0.010473	0	0	0	0	0	0
0.09102	0	0	0	0	0	0
0.00609	0	0	0	0	0	0
0.007741	0	0	0	0	0	0
0.010001	0	0	0	0	0	0
0.015129	0	0	0	0	0	0
0.028399	0	0	0	0	0	0
0.027421	0	0	0	0	0	0
0.029947	0	0	0	0	0	0
0.054213	0	0	0	0	0	0
0.059391	0	0	0	0	0	0
0.020289	0	0	0	0	0	0
0.017072	0	0	0	0	0	0



0.010485	0	0	0	0	0	0
0.031528	0	0	0	0	0	0
0.023826	0	0	0	0	0	0
0.081948	0	0	0	0	0	0
0.047797	0	0	0	0	0	0
0.014285	0	0	0	0	0	0
0.0133	0	0	0	0	0	0
0.004535	0	0	0	0	0	0
0.001285	0	0	0	0	0	0
0.001435	0	0	0	0	0	0
0.002012	0	0	0	0	0	0
0.00104	0	0	0	0	0	0
0.002221	0	0	0	0	0	0
0.003971	0	0	0	0	0	0
0.001034	0	0	0	0	0	0
0.501166	0.18	0	0	0	0	0
0.004696	0	0	0	0	0	0
0.006583	0	0	0	0	0	0
0.006362	0	0	0	0	0	0
0.008019	0	0	0	0	0	0
0.011272	0	0	0	0	0	0
0.011857	0	0	0	0	0	0
0.01839	0	0	0	0	0	0
0.027705	0.01	0	0	0	0	0
0.070518	0	0	0	0	0	0
0.00743	0	0	0	0	0	0
0.00665	0	0	0	0	0	0
0.004193	0	0	0	0	0	0
0.00616	0	0	0	0	0	0
0.004851	0	0	0	0	0	0
0.06298	0	0	0	0	0	0
0.008918	0	0	0	0	0	0
0.015206	0	0	0	0	0	0
0.249471	0	0	0	0	0	0
0.068105	0	0	0	0	0	0
0.074951	0	0	0	0	0	0
0.135828	0	0	0	0	0	0
0.056033	0	0	0	0	0	0
0.043072	0	0	0	0	0	0
0.078333	0	0	0	0	0	0
0.044028	0	0	0	0	0	0
0.037454	0	0	0	0	0	0
0.00697	0	0	0	0	0	0
0.006577	0	0	0	0	0	0
0.00163	0	0	0	0	0	0
0.005904	0	0	0	0	0	0
0.002628	0	0	0	0	0	0
0.002597	0	0	0	0	2	2
0.036238	0	2	0	0	6	8
0.008869	0	6	0	0	0	6

0.028002	0	0	0	0	0	0
0.008947	0	0	0	0	0	0
0.002601	0	0	0	0	0	0
0.009021	0	0	0	0	0	0
0.026642	0	0	0	0	0	0
0.01713	0	0	0	0	0	0
0.011151	0	0	0	0	0	0
0.008608	0	0	0	0	0	0
0.005517	0	0	0	0	0	0
0.092776	0	0	0	0	0	0
0.002978	0	0	0	0	0	0
0.200798	0	0	0	0	0	0
0.010522	0	0	0	0	0	0
0.010375	0	0	0	0	0	0
0.016656	0	0	0	0	0	0
0.00846	0	0	0	0	0	0
0.007444	0	0	0	0	0	0
0.00812	0	0	0	0	0	0
0.013807	0	0	0	0	0	0
0.003968	0	0	0	0	0	0
0.002298	0	0	0	0	0	0
0.006663	0	0	0	0	0	0
0.009154	0.01	0	0	0	0	0
0.002025	0	0	0	0	0	0
0.014157	0	0	0	0	0	0
0.003847	0	0	0	0	0	0
0.268474	0	0	0	0	0	0
0.128203	0	0	0	0	0	0
0.085977	0	0	0	0	0	0
0.054212	0	0	0	0	8	8
0.14277	0	8	0	0	0	8
0.032689	0	0	0	0	0	0
0.075595	0	0	0	0	0	0
0.068305	0	0	0	0	0	0
0.060468	0	0	0	0	0	0
0.045759	0	0	0	0	0	0
0.142912	0	0	0	0	0	0
0.143309	0	0	0	0	0	0
0.018318	0	0	0	0	0	0
0.028962	0	0	0	0	0	0
0.021939	0	0	0	0	0	0
0.862932	0	0	0	0	0	0
0.780638	0	0	0	0	0	0
0.006965	0	0	0	0	0	0
0.006999	0	0	0	0	0	0
0.011033	0	0	0	0	0	0
0.017517	0	0	0	0	0	0
0.028532	0	0	0	0	0	0
0.008391	0	1	0	0	0	1
0.009123	0	0	0	0	0	0

0.020384	0	0	0	0	0	0
0.013067	0	0	0	0	0	0
0.130799	0	0	0	0	0	0
0.021999	0	0	0	0	0	0
0.211629	0	0	0	0	0	0
0.055275	0	0	0	0	0	0
0.044376	0	0	0	0	0	0
0.020225	0	0	0	0	0	0
0.060578	0	0	0	0	0	0
0.025072	0	0	0	0	0	0
0.050404	0	0	0	0	0	0
0.009569	0	0	0	0	0	0
0.000434	0	0	0	0	0	0
0.00273	0	0	0	5	0	5
0.005548	0	0	0	5	0	5
0.002438	0	0	0	0	0	0
0.000556	0	1	0	0	0	1
0.000411	0	0	0	0	0	0
0.012548	0	0	0	0	0	0
0.006704	0	0	0	0	0	0
0.004571	0	0	0	0	0	0
0.003597	0	0	0	0	0	0
0.013672	0	0	0	0	0	0
0.011635	0	0	0	0	0	0
0.009599	0	0	0	0	0	0
0.010953	0	0	0	0	0	0
0.075107	0	0	0	0	0	0
0.053247	0	0	0	0	0	0
0.011334	0	0	0	0	0	0
0.042146	0	0	0	0	0	0
0.212746	0.01	0	0	0	0	0
0.020446	0	0	0	0	0	0
0.018917	0	0	0	0	0	0
0.020293	0	0	0	0	0	0
0.024012	0	0	0	0	0	0
0.017647	0	0	0	0	0	0
0.016559	0	0	0	0	0	0
0.018201	0	0	0	0	0	0
0.089548	0	0	0	0	0	0
0.016459	0	0	0	0	0	0
0.026317	0	0	0	0	0	0
0.02196	0	0	0	0	0	0
0.038846	0	0	0	0	0	0
0.027011	0	0	0	0	0	0
0.031553	0	0	0	0	0	0
0.075853	0	0	0	0	0	0
0.03428	0	0	0	0	0	0
0.067135	0	0	0	0	0	0
0.081967	0	0	0	0	0	0
0.025488	0	0	0	0	0	0

0.079767	0	0	0	0	0	0
0.056302	0	0	0	0	0	0
0.071899	0	0	0	0	0	0
0.036986	0	0	0	0	0	0
0.040738	0	0	0	0	0	0
0.046958	0	0	0	0	0	0
0.024013	0	0	0	0	0	0
0.003964	0	0	0	0	0	0
0.150018	0	0	0	0	0	0
0.007983	0	0	0	0	0	0
0.004837	0	0	0	0	0	0
0.001522	0	0	0	0	0	0
0.008519	0	0	0	0	0	0
0.006427	0	0	0	0	0	0
0.006818	0	0	0	0	0	0
0.007179	0	0	0	0	0	0
0.040139	0.03	0	0	0	0	0
0.008323	0	0	0	0	0	0
0.09244	0.04	0	0	0	0	0
0.009793	0	0	0	0	0	0
0.008355	0	0	0	0	0	0
0.011891	0	0	0	0	0	0
0.007761	0	0	0	0	0	0
0.010233	0	0	0	0	0	0
0.014578	0	0	0	0	0	0
0.031455	0	0	0	0	0	0
0.017261	0	0	0	0	0	0
0.009576	0	0	0	0	0	0
0.00834	0	0	0	0	0	0
0.005647	0	0	0	0	0	0
0.026414	0	0	0	0	0	0
0.002109	0	0	0	0	0	0
0.001167	0	0	0	0	0	0
0.004504	0	0	0	0	0	0
0.001008	0	0	0	0	0	0
0.02889	0	0	0	0	0	0
0.029335	0	0	0	0	0	0
0.02674	0	0	0	0	0	0
0.061468	0	0	1	0	0	1
0.008152	0	0	0	0	0	0
0.026669	0	0	0	0	0	0
0.02437	0	0	0	0	0	0
0.010353	0	0	0	0	0	0
0.007461	0	0	0	0	0	0
0.007938	0	0	0	0	0	0
0.012631	0	0	0	0	0	0
0.009492	0	0	0	0	0	0
0.010933	0	0	0	0	0	0
0.174475	0	0	0	0	0	0
0.191185	0	0	0	0	0	0

0.094069	0	0	0	0	0	0
0.039899	0	0	0	2	0	2
0.149423	0	0	0	0	0	0
0.028874	0	0	0	0	0	0
0.022829	0	0	0	0	0	0
0.013709	0	0	0	0	0	0
0.019957	0	0	0	0	0	0
0.035535	0	0	0	0	0	0
0.014679	0	0	0	0	0	0
0.014237	0	0	0	0	0	0
0.009124	0	0	0	0	0	0
0.005344	0	0	0	0	0	0
0.014295	0	0	0	0	0	0
0.004952	0	0	0	0	0	0
0.014966	0	0	0	0	0	0
0.033099	0	0	0	0	0	0
0.008829	0	0	0	0	0	0
0.012037	0	0	0	0	0	0
0.00887	0	0	0	0	0	0
0.011306	0	0	0	0	0	0
0.007747	0	0	0	0	0	0
0.006794	0	0	0	0	0	0
0.033606	0	0	0	0	0	0
0.021568	0	0	0	0	0	0
0.007061	0	0	0	0	0	0
0.015293	0	0	0	0	0	0
0.003628	0	0	0	0	0	0
0.022422	0	0	0	0	0	0
0.012864	0	0	0	0	0	0
0.014393	0	0	0	0	0	0
0.001301	0	0	0	0	0	0
0.009468	0	0	0	0	0	0
0.047508	0	0	0	0	0	0
0.053293	0.06	3	0	0	0	3
0.026156	0.01	0	0	0	0	0
0.009857	0	0	0	0	0	0
0.0188	0	0	0	0	0	0
0.422875	0.25	0	0	0	0	0
0.01413	0	0	0	0	0	0
0.000876	0	0	0	0	0	0
0.000956	0	0	0	0	0	0
0.004364	0	0	2	19	0	21
0.005327	0	0	3	0	0	3
0.001458	0	0	0	0	0	0
0.002812	0	0	0	0	0	0
0.009492	0.01	0	11	0	23	34
0.005758	0	23	4	0	0	27
0.000989	0	0	0	0	0	0
0.001369	0	0	0	0	0	0
0.002397	0	0	0	0	0	0

0.001079	0	0	0	0	5	5
0.001225	0	5	0	0	0	5
0.00278	0	0	0	0	0	0
0.001359	0	0	0	0	0	0
0.000992	0	0	0	0	0	0
0.031932	0	0	0	0	0	0
0.025722	0	0	0	0	0	0
0.026449	0	0	0	0	0	0
0.058063	0	0	0	0	0	0
0.055884	0	0	0	0	0	0
0.05549	0	0	0	0	0	0
0.038883	0	0	0	0	0	0
0.060952	0	0	0	0	0	0
0.040856	0	0	0	0	0	0
0.037114	0	0	0	0	0	0
0.040824	0	0	0	0	0	0
0.062798	0	0	0	0	0	0
0.054934	0	0	0	0	0	0
0.057523	0	0	0	0	0	0
0.046672	0	0	0	0	0	0
0.063794	0	0	0	0	0	0
0.065122	0	0	0	0	0	0
0.063409	0	0	0	0	0	0
0.111953	0	0	0	0	0	0
0.060788	0	0	0	0	0	0
0.041593	0	0	0	0	0	0
0.05515	0	0	0	0	0	0
0.099673	0	0	0	0	0	0
0.140363	0	0	0	0	0	0
0.003877	0	0	0	0	0	0
0.000873	0	0	0	0	0	0
0.004297	0	0	0	0	0	0
0.002926	0	0	0	0	0	0
0.021197	0	0	0	0	0	0
0.003412	0	0	0	0	0	0
0.001456	0	0	0	0	0	0
0.001715	0	0	0	0	0	0
0.001816	0	0	0	0	0	0
0.001092	0	0	0	0	0	0
0.000769	0	0	0	0	0	0
0.001462	0	0	0	0	0	0
0.002523	0	0	0	0	0	0
0.033425	0	0	0	0	0	0
0.009401	0	0	0	0	0	0
0.006185	0	0	0	0	0	0
0.005912	0	0	0	0	0	0
0.013764	0	0	0	0	0	0
0.016824	0	0	0	0	0	0
0.012735	0	0	0	0	0	0
0.0139	0	0	0	0	0	0

0.027816	0	0	0	0	0	0
0.011003	0	0	0	0	0	0
0.035084	0	0	0	0	0	0
0.019441	0	0	0	0	0	0
0.012374	0	0	0	0	0	0
0.138518	0	0	0	0	0	0
0.02334	0	0	0	0	0	0
0.016898	0	0	0	0	0	0
0.02996	0	0	0	0	0	0
0.020483	0	0	0	0	0	0
0.013579	0	0	0	0	0	0
0.032878	0	0	0	0	0	0
0.032061	0	0	0	0	0	0
0.008326	0	0	0	0	0	0
0.00908	0	0	0	0	0	0
0.004439	0	0	0	0	0	0
0.006546	0	0	0	0	0	0
0.008642	0	0	0	0	0	0
0.218483	0.07	0	0	6	2	8
0.027848	0	0	0	0	0	0
0.012485	0	0	0	0	0	0
0.013949	0	0	0	0	0	0
0.00768	0	0	0	0	0	0
0.005128	0	0	0	0	0	0
0.006541	0	0	0	0	0	0
0.005531	0	0	0	0	0	0
0.153405	0	0	0	0	0	0
0.11363	0	0	0	0	0	0
0.111842	0	0	0	0	0	0
0.08716	0	0	0	0	0	0
0.305785	0	0	0	0	0	0
0.249779	0	0	0	0	0	0
0.169403	0	0	0	0	0	0
0.179783	0	0	0	0	0	0
0.541061	0	0	0	0	0	0
0.426742	0	0	0	0	0	0
0.000829	0	0	0	0	0	0
0.002683	0	0	0	0	0	0
0.006736	0	0	0	0	0	0
0.007318	0	0	0	0	0	0
0.00246	0	0	0	0	0	0
0.004342	0	0	0	0	0	0
0.011859	0	0	0	0	0	0
0.002091	0	0	0	0	0	0
0.001295	0	0	0	0	0	0
0.002257	0	0	0	0	0	0
0.000902	0	0	0	0	0	0
0.003004	0	0	0	0	0	0
0.004617	0	0	0	0	0	0
0.037225	0	0	0	0	0	0

0.276411	0	0	0	0	0	0
0.029339	0	0	0	0	0	0
0.033923	0	0	0	0	0	0
0.029067	0	0	0	0	0	0
0.020952	0	0	0	0	0	0
0.018154	0	0	0	0	0	0
0.015179	0	0	0	0	0	0
0.013518	0	0	0	0	0	0
0.038086	0	0	0	0	0	0
0.039694	0	0	0	0	0	0
0.043956	0	0	0	0	0	0
0.055064	0	0	0	0	0	0
0.039898	0	0	0	0	0	0
0.061413	0	0	0	0	0	0
0.04455	0	0	0	0	0	0
0.03535	0	0	0	0	0	0
0.038114	0	0	0	0	0	0
0.014055	0	0	0	0	0	0
0.016359	0	0	0	0	0	0
0.023869	0	0	0	0	0	0
0.013826	0	0	0	0	0	0
0.014017	0	0	0	0	0	0
0.017148	0	0	0	0	0	0
0.026581	0	0	0	0	0	0
0.022178	0	0	0	0	0	0
0.01269	0	0	0	0	0	0
0.023073	0	0	0	0	0	0
0.035815	0	0	0	0	0	0
0.013467	0	0	0	0	0	0
0.045347	0	0	0	0	0	0
0.014151	0	0	0	0	0	0
0.02928	0	0	0	0	0	0
0.01707	0	0	0	0	0	0
0.100157	0	0	0	0	0	0
0.050167	0	0	0	0	0	0
0.020698	0	0	0	0	0	0
0.028939	0	0	0	0	0	0
0.01549	0	0	0	0	0	0
0.025356	0	0	0	0	0	0
0.017142	0	0	0	0	0	0
0.002536	0	0	0	0	0	0
0.001217	0	0	0	0	0	0
0.025263	0	0	0	0	0	0
0.004911	0	0	0	0	0	0
0.013388	0	0	0	0	0	0
0.014313	0	0	0	0	0	0
0.034301	0	0	0	0	6	6
0.027481	0	6	4	4	0	14
0.006168	0	0	0	0	0	0
0.047068	0	0	0	0	0	0



0.005222	0	0	0	0	0	0
0.004097	0	0	0	0	0	0
0.002549	0	0	0	0	2	2
0.002127	0	2	0	0	0	2
0.001725	0	0	0	0	0	0
0.001903	0	0	0	0	0	0
0.002181	0	0	0	0	0	0
0.000711	0	0	0	0	0	0
0.001472	0	0	0	0	0	0
0.000617	0	0	0	0	0	0
0.000484	0	0	0	0	0	0
0.001245	0	0	0	0	0	0
0.000616	0	0	0	0	0	0
0.008304	0	0	0	0	0	0
0.016186	0	0	0	0	0	0
0.007532	0	0	0	0	0	0
0.006775	0	0	0	0	0	0
0.006218	0	0	0	0	0	0
0.007666	0	0	0	0	0	0
0.000585	0	0	0	0	5	5
0.00019	0	5	0	0	0	5
0.000719	0	0	0	0	0	0
0.000435	0	0	0	0	0	0
0.000971	0	0	0	0	0	0
0.001079	0	0	0	0	0	0
0.000457	0	0	0	0	0	0
0.002202	0	0	0	0	0	0
0.014005	0	0	0	0	0	0
0.004099	0	0	0	0	0	0
0.008517	0	0	0	0	0	0
0.00884	0	0	0	0	0	0
0.004113	0	0	0	0	0	0
0.013535	0	0	0	0	0	0
0.006561	0	0	0	0	0	0
0.005488	0	0	0	0	0	0
0.008367	0	0	0	0	0	0
0.003097	0	0	0	0	0	0
0.009455	0	0	0	0	0	0
0.014854	0	0	0	0	0	0
0.010878	0.01	0	0	0	0	0
0.013199	0	0	0	0	0	0
0.029611	0	0	0	0	0	0
0.04019	0	0	0	0	0	0
0.013022	0	0	0	0	0	0
0.014132	0	0	0	0	0	0
0.019023	0	0	0	0	0	0
0.008606	0	0	0	0	0	0
0.004271	0	0	0	0	0	0
0.008737	0	0	0	0	0	0
0.078644	0	0	0	0	0	0

0.085096	0	0	0	0	0	0
0.148385	0	0	0	0	0	0
0.085774	0	0	0	0	0	0
0.035221	0	0	0	0	0	0
0.060176	0	0	0	0	0	0
0.041496	0	0	0	0	0	0
0.093498	0	0	0	0	0	0
0.001781	0	0	0	0	0	0
0.008554	0	0	0	0	0	0
0.000447	0	0	0	0	0	0
0.002082	0	0	0	0	0	0
0.003813	0	0	0	0	0	0
0.001248	0	0	0	0	0	0
0.003187	0	0	0	0	0	0
0.060667	0	0	0	0	0	0
0.047398	0	0	0	0	0	0
0.407401	0.03	0	0	0	0	0
0.354425	0.01	0	0	0	0	0
0.039374	0	0	0	0	0	0
0.047208	0	0	0	0	0	0
0.075253	0	0	0	0	0	0
0.00241	0	0	0	0	0	0
0.002563	0	0	0	0	0	0
0.004499	0	0	0	0	0	0
0.001359	0.01	0	0	0	0	0
0.002299	0	0	0	0	0	0
0.008705	0.01	0	0	0	0	0
0.005515	0.01	0	0	0	0	0
0.005219	0	0	0	0	0	0
0.00832	0	0	0	0	0	0
0.02705	0	0	0	0	0	0
0.011228	0	0	0	0	0	0
0.0054	0	0	0	0	0	0
0.007946	0	0	0	0	0	0
0.048559	0	0	0	0	0	0
0.173454	0	0	0	0	0	0
0.002534	0	0	0	0	0	0
0.005846	0	0	0	0	0	0
0.000289	0	0	0	0	0	0
0.00361	0	0	0	0	0	0
0.001921	0	0	0	0	0	0
0.002104	0	0	0	0	0	0
0.001793	0	0	0	0	0	0
0.002788	0	0	0	0	0	0
0.010814	0	0	0	0	0	0
0.025636	0	0	0	0	0	0
0.032474	0	0	0	0	0	0
0.014994	0	0	0	0	0	0
0.017646	0	0	0	0	0	0
0.059716	0	0	0	0	0	0

0.032925	0	0	0	0	0	0
0.0588	0	0	0	0	0	0
0.06495	0	0	0	0	0	0
0.052822	0	0	0	0	0	0
0.153288	0	0	0	0	0	0
0.020028	0	0	0	0	0	0
0.015444	0	0	0	0	0	0
0.03439	0	0	0	0	0	0
0.022258	0	0	0	0	0	0
0.006148	0	0	0	0	0	0
0.037146	0	0	0	0	0	0
0.077613	0	0	0	0	0	0
0.014868	0	0	0	0	0	0
0.677892	0	0	0	0	0	0
0.732025	0.36	0	0	0	0	0
0.278448	0	0	0	0	0	0
0.23178	0	0	0	0	0	0
0.050756	0	0	0	0	0	0
0.018486	0	0	0	0	0	0
0.020748	0	0	0	0	0	0
0.006176	0	0	0	0	0	0
0.009597	0	0	0	0	0	0
0.183041	0	0	0	0	0	0
0.02234	0	0	0	0	0	0
0.018622	0	0	0	0	0	0
0.092163	0	0	0	0	0	0
0.001834	0	0	0	0	0	0
0.00494	0	0	0	0	0	0
0.006668	0	0	0	0	0	0
0.006731	0	0	0	0	0	0
0.001719	0	0	0	0	0	0
0.014304	0	0	0	0	0	0
0.004438	0	0	0	0	0	0
0.004919	0	0	0	0	0	0
0.005539	0	0	0	0	0	0
0.006119	0	0	0	0	0	0
0.012387	0	0	0	0	0	0
0.008188	0	0	0	0	0	0
0.023381	0	0	0	0	0	0
0.032801	0	0	0	0	0	0
0.018872	0	0	0	0	0	0
0.026558	0	0	0	0	0	0
0.041419	0	0	0	0	0	0
0.00449	0	0	0	0	0	0
0.033212	0	0	0	0	0	0
0.009321	0	0	0	0	0	0
0.008356	0	0	0	0	0	0
0.007469	0	0	0	0	0	0
0.005828	0	0	0	0	0	0
0.013607	0	0	0	0	0	0

0.007088	0	0	0	0	0	0
0.005215	0	0	0	0	0	0
0.017453	0	0	0	0	0	0
0.006054	0	0	0	0	0	0
0.017675	0	0	0	0	0	0
0.011057	0	0	0	0	0	0
0.004208	0	0	0	0	0	0
0.005395	0	0	0	0	0	0
0.005636	0	0	0	0	0	0
0.014005	0	0	0	0	0	0
0.004627	0	0	0	0	0	0
0.002967	0	0	0	0	0	0
0.010665	0	0	0	0	0	0
0.007326	0	0	0	0	0	0
0.007628	0	0	0	0	0	0
0.014036	0	0	0	0	0	0
0.010305	0	0	0	0	0	0
0.011027	0	0	0	0	0	0
0.010268	0	0	0	0	0	0
0.008862	0	0	0	0	0	0
0.016792	0	0	0	0	0	0
0.014317	0	0	0	0	0	0
0.002251	0	0	0	0	0	0
0.011133	0	0	0	0	0	0
0.000807	0	0	0	0	0	0
0.001073	0	0	0	0	0	0
0.007221	0	0	0	0	0	0
0.000994	0	0	0	0	0	0
0.001399	0	0	0	0	0	0
0.004357	0	0	0	0	0	0
0.001884	0	0	0	0	0	0
0.001809	0	0	0	0	0	0
0.001411	0	0	0	0	0	0
0.001224	0	0	0	0	0	0
0.002625	0	0	0	0	0	0
0.00152	0	0	0	0	0	0
0.001221	0	0	0	0	0	0
0.009382	0	0	0	0	5	5
0.002671	0	0	0	0	0	0
0.009462	0	0	0	0	0	0
0.004115	0	0	0	0	0	0
0.002611	0	0	0	0	0	0
0.00052	0	0	0	0	0	0
0.008216	0	0	0	0	0	0
0.004045	0	0	0	0	0	0
0.004125	0	0	0	0	0	0
0.015372	0	5	0	0	0	5
0.035046	0	0	0	0	0	0
0.015518	0	0	0	0	0	0
0.003129	0	0	0	0	0	0

0.004155	0	0	0	0	0	0
0.005939	0	0	0	0	0	0
0.003887	0	0	0	0	0	0
0.007851	0	0	0	0	0	0
0.007855	0	0	0	0	0	0
0.012721	0	0	0	0	0	0
0.007833	0	0	0	0	0	0
0.006596	0	0	0	0	0	0
0.012214	0	0	0	0	0	0
0.008549	0	0	0	0	0	0
0.007366	0	0	0	0	0	0
0.007615	0	0	0	0	0	0
0.007184	0	0	0	0	0	0
0.004496	0	0	0	0	0	0
0.00345	0	0	0	0	0	0
0.002386	0	0	0	0	0	0
0.003206	0	0	0	0	0	0
0.580958	0	0	0	1	3	4
0.008608	0	3	0	0	0	3
0.011811	0	0	0	0	0	0
0.012273	0	0	0	0	0	0
0.017222	0	0	0	0	0	0
0.009632	0	0	0	0	0	0
0.011281	0	0	0	0	0	0
0.016258	0	0	0	0	0	0
0.013996	0	0	0	0	0	0
0.013037	0	0	0	0	0	0
0.011761	0	0	0	0	0	0
0.008357	0	0	0	0	0	0
0.008221	0	0	0	0	0	0
0.005987	0	0	0	0	0	0
0.005781	0	0	0	0	0	0
0.004965	0	0	0	0	0	0
0.017082	0	0	0	0	0	0
0.010517	0	0	0	0	0	0
0.016979	0	0	0	0	0	0
0.012348	0	0	0	0	0	0
0.011117	0	0	0	0	0	0
0.016808	0	0	0	0	0	0
0.036594	0	0	0	0	0	0
0.342878	0	0	0	5	0	5
0.027931	0	0	0	0	0	0
0.039898	0	0	0	0	0	0
0.043912	0	0	0	0	0	0
0.032557	0	0	0	0	0	0
0.036687	0	0	0	0	0	0
0.037861	0	0	0	0	0	0
0.046116	0	0	0	0	0	0
0.021476	0	0	0	0	0	0
0.023306	0	0	0	0	0	0

0.013332	0	0	0	0	0	0
0.057428	0	0	0	0	0	0
0.037326	0	0	0	0	0	0
0.035523	0	0	0	0	0	0
0.058693	0	0	0	0	0	0
0.037725	0	0	0	0	0	0
0.016023	0	0	0	0	0	0
0.024929	0	0	0	0	0	0
0.042882	0	0	0	0	0	0
0.059459	0	0	0	0	0	0
0.068149	0	0	0	0	0	0
0.109997	0	0	0	0	0	0
0.10478	0	0	0	0	0	0
0.106745	0	0	0	0	0	0
0.049395	0	0	0	0	0	0
0.06062	0	0	0	0	0	0
0.197667	0	0	0	0	0	0
0.149405	0	0	0	0	0	0
0.173274	0	0	0	0	0	0
0.156137	0	0	0	0	0	0
0.046698	0	0	0	0	0	0
0.079314	0	0	0	0	0	0
0.05385	0	0	0	0	0	0
0.060356	0	0	0	0	0	0
0.043146	0	0	0	0	0	0
0.222435	0.02	0	0	0	0	0
0.15118	0	0	0	0	0	0
0.152292	0	0	0	0	0	0
0.059566	0	0	0	0	0	0
0.125197	0	0	0	0	0	0
0.070158	0	0	0	0	0	0
0.529921	0	0	0	0	0	0
0.089926	0	0	0	0	0	0
0.037647	0	0	0	0	0	0
0.077759	0	0	0	0	0	0
0.139852	0	0	0	0	0	0
0.031959	0	0	0	0	0	0
0.188498	0	0	0	0	0	0
0.072336	0	0	0	0	0	0
0.054771	0	0	0	0	0	0
0.132377	0	0	0	0	0	0
0.046514	0	0	0	0	0	0
0.039541	0	0	0	0	0	0
0.075932	0	0	0	0	0	0
0.215716	0	0	0	0	0	0
0.070207	0	0	0	0	0	0
0.054364	0	0	0	0	0	0
0.066277	0	0	0	0	0	0
0.049165	0	0	0	0	0	0
0.152955	0	0	0	0	0	0

0.479116	0.17	0	0	0	0	0
0.167319	0	0	0	0	0	0
0.364749	0	0	6	6	0	12
0.010549	0	0	0	0	0	0
0.118639	0	0	0	0	0	0
0.044111	0	0	0	0	0	0
0.005312	0	0	0	0	0	0
0.02064	0	0	0	0	0	0
0.022796	0	0	0	0	0	0
0.016162	0	0	0	0	0	0
0.014309	0	0	0	0	0	0
0.011141	0	0	0	0	0	0
0.035195	0	0	0	0	0	0
0.010032	0	0	0	0	0	0
0.24844	0	0	0	0	0	0
0.006266	0	0	0	0	0	0
0.00744	0	0	0	0	0	0
0.041773	0	0	0	0	0	0
0.061306	0	0	0	0	0	0
0.044292	0	0	0	0	0	0
0.044703	0	0	0	0	0	0
0.009388	0	0	0	0	0	0
0.057973	0	0	0	0	0	0
0.027814	0	0	0	0	0	0
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0.008308	0	0	0	0	0	0
0.005739	0	0	0	0	0	0
0.004701	0	0	0	0	0	0
0.007035	0	0	0	0	0	0
0.009026	0	0	0	0	0	0
0.007468	0	0	0	0	0	0
0.006468	0	0	0	0	0	0
0.004584	0	0	0	0	0	0
0.006085	0	0	0	0	0	0
0.003679	0	0	0	0	0	0
0.005736	0	0	0	0	0	0
0.013894	0	0	0	0	0	0
0.010342	0	0	0	0	0	0
0.007918	0	0	0	0	0	0
0.006758	0	0	0	0	0	0
0.105722	0	0	0	0	0	0
0.063346	0	0	0	0	0	0
0.043286	0	0	0	0	0	0
0.06155	0	0	0	0	0	0
0.039325	0	0	0	0	0	0
0.403481	0	0	0	0	0	0
0.000834	0	0	0	0	0	0
0.000665	0	0	0	0	0	0
0.001067	0	0	0	0	1	1
0.001408	0	1	0	0	0	1

0.007195	0	0	0	0	0	0
0.001484	0	0	0	0	0	0
0.816106	0.32	0	0	0	0	0
0.207319	0	0	0	0	0	0
0.019093	0	0	0	0	0	0
0.031732	0	0	0	0	0	0
0.038387	0	0	0	0	0	0
0.058064	0	0	0	0	0	0
0.046938	0	0	0	0	0	0
0.080986	0	0	0	0	0	0
0.02927	0	0	0	0	0	0
0.047036	0	0	0	0	0	0
0.035293	0	0	0	0	0	0
0.021832	0	0	0	0	0	0
0.007293	0	0	0	0	0	0
0.012045	0	0	0	0	0	0
0.011127	0	0	0	0	0	0
0.009621	0	0	0	0	0	0
0.016857	0	0	0	0	0	0
0.013873	0	0	0	0	0	0
0.010659	0	0	0	0	0	0
0.011562	0	0	0	0	0	0
0.01446	0	0	0	0	0	0
0.015432	0	0	0	0	0	0
0.013531	0	0	0	0	0	0
0.095935	0	0	0	0	0	0
0.057175	0	0	0	0	0	0
0.041678	0	0	0	0	0	0
0.057608	0	0	0	0	0	0
0.028645	0	0	0	0	0	0
0.035434	0	0	0	0	0	0
0.054935	0	0	0	0	0	0
0.033535	0	0	0	0	0	0
0.036562	0	0	0	0	0	0
0.181184	0	0	0	0	0	0
0.055117	0	0	0	0	0	0
0.052361	0	0	0	0	0	0
0.038659	0	0	0	0	0	0
0.053205	0	0	0	0	0	0
0.125	0	0	0	0	0	0
0.019219	0	0	0	0	0	0
0.012163	0	0	0	0	0	0
0.01486	0	0	0	0	0	0
0.015707	0	0	0	0	0	0
0.020161	0	0	0	0	0	0
0.017045	0	0	0	0	0	0
0.035431	0	0	0	0	0	0
0.061347	0	0	0	0	0	0
0.026798	0	0	0	0	0	0
0.069004	0	0	0	0	0	0



0.032114	0	0	0	0	0	0
0.029108	0	0	0	0	0	0
0.025962	0	0	0	0	0	0
0.01923	0	0	0	0	0	0
0.024606	0	0	0	0	0	0
0.025345	0	0	0	0	0	0
0.059589	0	0	0	0	0	0
0.007652	0	0	0	0	0	0
0.002402	0	0	0	0	0	0
0.004515	0	0	0	0	0	0
0.004741	0	0	0	0	0	0
0.002637	0	0	0	0	0	0
0.006889	0	0	0	0	0	0
0.009537	0	0	0	0	0	0
0.015287	0	0	0	0	0	0
0.012913	0	0	0	0	0	0
0.027634	0	0	0	0	0	0
0.034065	0	0	0	0	0	0
0.024548	0	0	0	0	0	0
0.031582	0	0	0	0	0	0
0.009116	0	0	0	0	0	0
0.042238	0	0	0	0	0	0
0.064401	0	0	0	0	0	0
0.045291	0	0	0	0	0	0
0.090369	0	0	0	0	0	0
0.023717	0	0	0	0	0	0
0.575702	0	0	0	0	0	0
0.03188	0	0	0	0	0	0
0.043843	0	0	0	0	0	0
0.062978	0	0	0	0	0	0
0.068904	0	0	0	0	0	0
0.194772	0	0	0	0	0	0
0.073212	0	0	0	0	0	0
0.047025	0	0	0	0	0	0
0.382887	0.02	0	0	0	0	0
0.256939	0.04	0	0	0	0	0
0.062546	0	0	0	0	0	0
0.102265	0	0	0	0	0	0
0.020697	0	0	0	0	0	0
0.107233	0	0	0	0	0	0
0.076796	0	0	0	0	0	0
0.633193	0	0	0	0	0	0
0.235351	0	0	0	0	0	0
0.00259	0	0	0	0	0	0
0.001056	0	0	0	0	0	0
0.01543	0	0	0	0	0	0
0.002879	0	0	0	0	0	0
0.040517	0	0	0	0	0	0
0.140854	0	0	0	0	0	0
0.098749	0	0	0	0	0	0

0.046551	0	0	3	3	0	6
0.396132	0	0	0	0	0	0
0.109693	0	0	0	0	0	0
0.085365	0	0	0	0	0	0
0.030536	0	0	0	0	0	0
0.00224	0	0	0	0	0	0
0.001498	0	0	0	0	0	0
0.002128	0	0	0	0	0	0
0.003211	0	0	0	0	0	0
0.078974	0	0	0	0	0	0
0.016856	0	0	0	0	0	0
0.009916	0	0	0	0	0	0
0.035509	0	0	0	0	0	0
0.00245	0	0	0	0	0	0
0.002429	0	0	0	0	0	0
0.001243	0	0	0	0	0	0
0.023493	0.02	0	0	0	0	0
0.008696	0	0	0	0	0	0
0.007722	0	0	0	0	0	0
0.037532	0	0	0	0	0	0
0.001309	0	2	0	0	0	2
0.003375	0	0	0	0	0	0
0.003314	0	0	0	0	0	0
0.002112	0	0	0	0	0	0
0.001101	0	0	0	0	0	0
0.001398	0	0	0	0	0	0
0.001298	0	0	0	0	0	0
0.001423	0	0	0	0	0	0
0.001132	0	0	0	0	0	0
0.007692	0	0	0	0	0	0
0.004362	0	0	0	0	0	0
0.007682	0	0	0	0	0	0
0.0073	0	0	0	0	0	0
0.003157	0	0	0	0	0	0
0.01581	0	0	0	0	0	0
0.011954	0	0	0	0	0	0
0.012683	0	0	0	0	0	0
0.007524	0	0	0	0	0	0
0.016641	0	0	0	0	0	0
0.109402	0	0	0	0	0	0
0.093652	0	0	0	0	0	0
0.027755	0	0	0	0	0	0
0.065838	0	0	0	0	0	0
0.060998	0	0	0	0	0	0
0.043345	0	0	0	0	0	0
0.171937	0	0	0	0	0	0
0.087187	0	0	0	0	0	0
0.054339	0	0	0	0	0	0
0.077556	0	0	0	0	0	0
0.033185	0	0	0	0	0	0

0.040517	0	0	0	0	0	0
0.071333	0	0	0	0	0	0
0.006755	0	0	0	0	0	0
0.000658	0	0	0	0	0	0
0.000847	0	0	0	0	0	0
0.001305	0	0	0	0	0	0
0.001216	0	0	0	0	0	0
0.002332	0	0	0	0	0	0
0.041941	0	0	0	0	0	0
0.036493	0	0	0	0	0	0
0.015882	0	0	0	0	0	0
0.022164	0	0	0	0	0	0
0.021087	0	0	0	0	0	0
0.016465	0	0	0	0	0	0
0.084944	0	0	0	0	0	0
0.011873	0	0	0	0	0	0
0.01339	0	0	0	0	0	0
0.01555	0	0	0	0	0	0
0.010096	0	0	0	0	0	0
0.009752	0	0	0	0	0	0
0.035938	0	0	0	0	0	0
0.024666	0	0	0	0	0	0
0.013914	0	0	0	0	0	0
0.012967	0	0	0	0	0	0
0.010105	0	0	0	0	0	0
0.025673	0	0	0	0	0	0
0.008802	0	0	0	0	0	0
0.00837	0	0	0	0	0	0
0.010821	0	0	0	0	0	0
0.011497	0	0	0	0	0	0
0.025048	0	0	0	0	0	0
0.019289	0	0	0	0	0	0
0.03044	0	0	0	0	0	0
0.02499	0	0	0	0	0	0
0.029187	0	0	0	0	0	0
0.025993	0	0	0	0	0	0
0.016811	0	0	0	0	0	0
0.01453	0	0	0	0	0	0
0.019172	0	0	0	0	0	0
0.017676	0	0	0	0	0	0
0.012202	0	0	0	0	0	0
0.005727	0	0	0	0	0	0
0.005243	0	0	0	0	0	0
0.005758	0	0	0	0	0	0
0.004719	0	0	0	0	0	0
0.005168	0	0	0	0	0	0
0.006874	0	0	0	0	0	0
0.003746	0	0	0	0	0	0
0.002903	0	0	0	0	0	0
0.003523	0	0	0	0	0	0

0.004106	0	0	0	0	0	0
0.008403	0	0	0	0	0	0
0.003332	0	0	0	0	0	0
0.002608	0	0	0	0	0	0
0.002367	0	0	0	0	6	6
0.002318	0	6	0	0	0	6
0.002548	0	0	0	0	0	0
0.002214	0	0	0	0	0	0
0.002521	0	0	0	0	0	0
0.00286	0	0	0	0	0	0
0.002614	0	0	0	0	0	0
0.001457	0	0	0	0	0	0
0.009791	0	0	0	0	0	0
0.00161	0	0	0	0	0	0
0.010598	0	0	0	0	0	0
0.007865	0	0	0	0	0	0
0.007414	0	0	0	0	0	0
0.008407	0	0	0	0	0	0
0.007626	0	0	0	0	0	0
0.008018	0	0	0	0	0	0
0.023913	0	0	0	0	0	0
0.020838	0	0	0	0	0	0
0.089496	0	0	0	0	0	0
0.00703	0	0	0	0	0	0
0.00939	0	0	0	0	0	0
0.007171	0	0	0	0	0	0
0.009165	0	0	0	0	0	0
0.005959	0	0	0	0	0	0
0.020407	0	0	0	0	0	0
0.023054	0	0	0	0	0	0
0.009266	0	0	0	0	0	0
0.005947	0	0	0	0	0	0
0.004019	0	0	0	0	0	0
0.007273	0	0	0	0	0	0
0.020715	0	0	0	0	0	0
0.028509	0	0	0	0	0	0
0.013735	0	0	0	0	0	0
0.005489	0	0	0	0	0	0
0.078892	0	0	0	0	0	0
0.124678	0	0	0	0	0	0
0.189517	0	0	0	0	0	0
0.086676	0	0	0	0	0	0
0.065378	0	0	0	0	0	0
0.036184	0	0	0	0	0	0
0.022319	0	0	0	0	0	0
0.029832	0	0	0	0	0	0
0.050038	0	0	0	0	0	0
0.055371	0	0	0	0	0	0
0.052249	0	0	0	0	0	0
0.058178	0	0	0	0	0	0

0.069341	0	0	0	0	0	0
0.052972	0	0	0	0	0	0
0.053405	0	0	0	0	0	0
0.386157	0	0	0	0	0	0
0.081581	0	0	0	0	0	0
0.130595	0	0	0	0	0	0
0.23266	0	0	0	0	0	0
0.040407	0	0	0	0	0	0
0.153469	0	0	0	0	0	0
0.123637	0	0	0	0	0	0
0.574151	0	0	0	0	0	0
0.510326	0	0	0	0	0	0
0.294306	0	0	0	0	0	0
0.324091	0	0	0	0	0	0
0.090579	0	0	0	0	0	0
0.053913	0	0	0	0	0	0
0.073809	0	0	0	0	0	0
0.070641	0	0	0	0	0	0
0.039105	0	0	0	0	0	0
0.057929	0	0	0	0	0	0
0.0365	0	0	0	0	0	0
0.031624	0	0	0	0	0	0
0.022394	0	0	0	0	0	0
0.026983	0	0	0	0	0	0
0.026453	0	0	0	0	0	0
0.062463	0	0	0	0	0	0
0.307718	0	0	0	0	0	0
0.120099	0	0	0	0	0	0
0.426318	0	0	0	0	0	0
0.08747	0	0	0	0	0	0
0.37179	0.15	0	0	0	0	0
0.322057	0.43	0	0	0	0	0
0.015063	0	0	0	0	0	0
0.025646	0	0	0	0	0	0
0.014697	0	0	0	0	0	0
0.042453	0	0	0	0	0	0
0.017805	0	0	0	0	0	0
0.08117	0	0	0	0	0	0
0.013412	0	0	0	0	0	0
0.102153	0	0	0	0	0	0
0.035991	0	0	0	0	0	0
0.146183	0	0	0	0	0	0
0.119547	0	0	0	0	0	0
0.03891	0	0	0	0	0	0
0.096426	0.18	0	0	0	0	0
0.198837	0.06	0	0	0	0	0
0.155674	0.2	0	0	0	0	0
0.032577	0	0	0	0	0	0
0.1013	0	0	0	0	0	0
0.015838	0	0	0	0	0	0

0.107197	0	0	0	0	0	0
0.065903	0	0	0	0	0	0
0.114475	0	0	0	0	0	0
0.054833	0	0	0	0	0	0
0.105821	0	0	0	0	0	0
0.259582	0	0	0	0	0	0
0.056905	0	0	0	0	0	0
0.031335	0	0	0	0	0	0
0.044299	0	0	0	0	0	0
0.053053	0	0	0	0	0	0
0.058624	0	0	0	0	0	0
0.052911	0	0	0	0	0	0
0.043526	0	0	0	0	0	0
0.042973	0	0	0	0	0	0
0.040787	0	0	0	0	0	0
0.048312	0	0	0	0	0	0
0.025388	0	0	0	0	0	0
0.022025	0	1	8	0	0	9
0.029661	0	0	0	0	0	0
0.025626	0.01	0	0	0	0	0
0.036157	0.01	0	0	0	0	0
0.013041	0	0	0	0	0	0
0.081835	0	0	0	0	0	0
0.012943	0	0	0	0	0	0
0.016786	0	0	0	0	0	0
0.014967	0	0	0	0	0	0
0.018217	0	0	0	0	0	0
0.010178	0	0	0	0	0	0
0.019804	0	0	0	0	0	0
0.01323	0	0	0	0	0	0
0.008425	0	0	0	0	0	0
0.029336	0	0	0	0	0	0
0.014061	0	0	0	0	0	0
0.010991	0	0	0	0	0	0
0.002405	0	0	0	0	0	0
0.022698	0	0	0	0	0	0
0.007225	0	0	0	0	0	0
0.003324	0	0	0	0	0	0
0.002512	0	0	0	0	0	0
0.004462	0	0	0	0	0	0
0.008027	0	0	0	0	0	0
0.003287	0	0	0	0	0	0
0.036639	0	0	0	0	0	0
0.026995	0	0	0	0	0	0
0.048211	0	0	0	0	0	0
0.068999	0	0	0	0	0	0
0.019598	0	0	0	0	0	0
0.021536	0	0	0	0	0	0
0.017807	0	0	0	0	0	0
0.019737	0	0	0	0	0	0

0.021805	0	0	0	0	0	0
0.01988	0	0	0	0	0	0
0.029982	0	0	0	0	0	0
0.049199	0	0	0	0	0	0
0.112739	0	0	0	0	0	0
0.242585	0	0	0	0	0	0
0.077802	0	0	0	0	0	0
0.015847	0	0	0	0	0	0
0.044877	0	0	0	0	0	0
0.108581	0	0	0	0	0	0
0.087085	0	0	0	0	0	0
0.064053	0	0	0	0	0	0
0.0527	0	0	0	0	0	0
0.24596	0	0	0	0	0	0
0.029825	0	0	0	0	0	0
0.031525	0	0	0	0	0	0
0.033718	0	0	0	0	0	0
0.073495	0	0	0	0	0	0
0.047512	0	0	0	0	0	0
0.03166	0	0	0	0	0	0
0.026829	0	0	0	0	0	0
0.027839	0	0	0	0	0	0
0.048187	0	0	0	0	0	0
0.041685	0	0	0	0	0	0
0.119388	0	0	0	0	0	0
0.055718	0	0	0	0	0	0
0.032046	0	0	0	0	0	0
0.028527	0	0	0	0	0	0
0.021567	0	0	0	0	0	0
0.018301	0	0	0	0	0	0
0.031043	0	0	0	0	0	0
0.01972	0	0	0	0	0	0
0.034213	0	0	0	0	0	0
0.038383	0	0	0	0	0	0
0.021217	0	0	0	0	0	0
0.021576	0	0	0	0	0	0
0.01306	0	0	0	0	1	1
0.023031	0	1	0	0	0	1
0.015611	0	0	0	0	0	0
0.01115	0	0	0	0	0	0
0.030363	0	0	0	0	0	0
0.045676	0	0	0	0	0	0
0.045282	0	0	0	0	0	0
0.034735	0	0	0	0	0	0
0.103176	0	0	0	0	0	0
0.111029	0	0	0	0	0	0
0.027334	0	0	0	0	0	0
0.025898	0	0	0	0	0	0
0.063349	0	0	0	0	0	0
0.035269	0	0	0	0	0	0

0.028051	0	0	0	0	0	0
0.002039	0	0	0	0	0	0
0.001102	0	0	0	0	0	0
0.000422	0	0	0	0	0	0
0.000969	0	0	0	0	0	0
0.000716	0	0	0	0	0	0
0.001203	0	0	0	0	0	0
0.019248	0	0	0	0	0	0
0.01069	0	0	0	0	0	0
0.013024	0	0	0	0	0	0
0.004819	0	0	0	0	0	0
0.001662	0	0	0	0	0	0
0.011815	0	0	0	0	0	0
0.004439	0	0	0	0	0	0
0.003929	0	0	0	0	0	0
0.003727	0	0	0	0	0	0
0.004873	0.01	0	0	0	0	0
0.001781	0	0	0	0	0	0
0.001673	0	0	0	0	0	0
0.002484	0	0	0	0	0	0
0.007748	0	0	0	0	0	0
0.346251	0.1	0	4	0	0	4
0.06794	0	0	0	0	0	0
0.03137	0	0	0	0	0	0
0.044021	0	0	0	0	0	0
0.029097	0	0	0	0	0	0
0.614443	0.05	0	7	0	0	7
0.203087	0	0	0	0	0	0
0.084589	0	0	0	0	0	0
0.089317	0	0	0	0	0	0
0.132039	0	0	0	0	0	0
0.733196	0	0	0	0	0	0
0.038365	0	0	0	0	0	0
0.030892	0	0	0	0	0	0
0.068207	0	0	0	0	0	0
0.033713	0	0	0	0	0	0
0.034789	0	0	0	0	0	0
0.031492	0	0	0	0	0	0
0.057302	0	0	0	0	0	0
0.054303	0	0	0	0	0	0
0.230809	0	0	0	0	0	0
0.053046	0	0	0	0	0	0
0.035403	0	0	0	0	0	0
0.254974	0	0	0	0	0	0
0.029827	0	0	0	0	0	0
0.013823	0	0	0	0	0	0
0.01581	0	0	0	0	0	0
0.01121	0	0	0	0	0	0
0.012725	0	0	0	0	0	0
0.016737	0	0	0	0	0	0



0.057763	0	0	0	0	0	0
0.120967	0	0	0	0	0	0
0.01375	0	0	0	0	0	0
0.088672	0	0	0	0	0	0
0.02819	0	0	0	0	0	0
0.031706	0	0	0	0	0	0
0.009679	0	0	0	0	0	0
0.010053	0	0	0	0	0	0
0.074257	0	0	0	0	0	0
0.025135	0	0	0	0	0	0
0.043822	0	0	0	0	0	0
0.033672	0	0	0	0	0	0
0.023823	0	0	0	0	0	0
0.02661	0	0	0	0	0	0
0.022562	0	0	0	0	0	0
0.034196	0	0	0	0	0	0
0.047552	0	0	0	0	0	0
0.00343	0	0	0	0	0	0
0.01373	0	0	0	0	0	0
0.006027	0	0	0	0	0	0
0.003718	0	0	0	0	0	0
0.014476	0	0	0	0	0	0
0.004666	0	0	0	0	0	0
0.023237	0	0	0	0	0	0
0.036749	0	0	0	0	0	0
0.039295	0	0	0	0	0	0
0.076404	0	0	0	0	0	0
0.057662	0	0	0	0	0	0
0.056319	0	0	0	0	0	0
0.055555	0	0	0	0	0	0
0.05058	0	0	0	0	0	0
0.090757	0	0	0	0	0	0
0.077319	0	0	0	0	0	0
0.066108	0	0	0	0	0	0
0.081641	0	0	0	0	0	0
0.049525	0	0	0	0	0	0
0.007451	0	0	0	0	0	0
0.007377	0	0	0	0	0	0
0.011508	0	0	0	0	0	0
0.016681	0	0	0	0	0	0
0.017911	0	0	0	0	0	0
0.001923	0	0	0	0	0	0
0.001172	0	0	0	0	0	0
0.077178	0	0	0	0	0	0
0.775285	0.01	0	0	0	0	0
0.126993	0	0	0	0	0	0
0.011893	0	0	0	0	0	0
0.005897	0	0	0	0	0	0
0.04428	0	0	0	0	0	0
0.013982	0	0	0	0	0	0

0.006172	0	0	0	0	0	0
0.004037	0	0	0	0	0	0
0.003874	0	0	0	0	0	0
0.006382	0	0	0	0	0	0
0.004488	0	0	0	0	0	0
0.004622	0	0	0	0	0	0
0.031266	0	0	0	0	0	0
0.046282	0	0	0	0	0	0
0.004792	0	0	0	0	0	0
0.011764	0	0	0	0	0	0
0.078804	0	0	0	0	0	0
0.012631	0	0	0	0	0	0
0.032225	0	0	0	0	0	0
0.12339	0	0	0	0	0	0
0.030746	0	0	0	0	0	0
0.015362	0	0	0	0	0	0
0.029768	0	0	0	0	0	0
0.007678	0	0	0	0	0	0
0.005629	0	0	0	0	0	0
0.004237	0	0	0	0	0	0
0.003389	0	0	0	0	0	0
0.004277	0	0	0	0	0	0
0.002535	0	0	0	0	0	0
0.041244	0	0	0	0	0	0
0.057672	0	0	0	0	0	0
0.094719	0	0	0	0	9	9
0.036557	0	9	0	0	0	9
0.035379	0	0	0	0	0	0
0.046367	0	0	0	0	0	0
0.009321	0	0	0	0	0	0
0.004412	0	0	0	0	0	0
0.009172	0	0	0	0	0	0
0.011424	0	0	0	0	0	0
0.054345	0	0	0	0	0	0
0.020071	0	0	0	0	0	0
0.038526	0	0	0	0	0	0
0.038513	0	0	0	0	0	0
0.045688	0	0	0	0	0	0
0.048284	0	0	0	0	0	0
0.064062	0	0	0	0	0	0
0.025589	0	0	0	0	0	0
0.027017	0	0	0	0	0	0
0.029024	0	0	0	0	0	0
0.059809	0	0	0	0	0	0
0.030005	0	0	0	0	0	0
0.01904	0	0	0	0	0	0
0.019074	0	0	0	0	0	0
0.013318	0	0	0	0	0	0
0.028607	0	0	0	0	0	0
0.038735	0	0	0	0	0	0

0.119887	0	0	0	0	0	0
0.019013	0	0	0	0	0	0
0.019505	0	0	0	0	0	0
0.203349	0	0	0	0	0	0
0.066341	0	0	0	0	0	0
0.041068	0	0	0	0	0	0
0.025912	0	0	0	0	0	0
0.017167	0	0	0	0	0	0
0.088948	0	0	0	0	0	0
0.022833	0	0	0	0	0	0
0.061133	0	0	0	0	0	0
0.076772	0	0	0	0	0	0
0.017465	0	0	0	0	0	0
0.045617	0	0	0	0	0	0
0.250581	0	0	0	0	0	0
0.021131	0	0	0	0	0	0
0.016797	0	0	0	0	0	0
0.005741	0	0	0	0	0	0
0.062491	0	0	0	0	0	0
0.087548	0	0	0	0	0	0
0.094777	0	0	0	0	0	0
0.080801	0	0	0	0	0	0
0.065316	0	0	0	0	0	0
0.059849	0	0	0	0	0	0
0.049298	0	0	0	0	0	0
0.072881	0	0	0	0	0	0
0.045214	0	0	0	0	0	0
0.054648	0	0	0	0	0	0
0.062187	0	0	0	0	0	0
0.069579	0	0	0	0	1	1
0.141405	0	1	0	0	0	1
0.086295	0	0	0	0	0	0
0.03501	0	0	0	0	0	0
0.034626	0	0	0	0	0	0
0.047942	0	0	0	0	0	0
0.060131	0	0	0	0	0	0
0.083964	0	0	0	0	0	0
0.059446	0	0	0	0	0	0
0.048229	0	0	0	0	0	0
0.009613	0	0	0	0	0	0
0.002429	0	0	0	0	0	0
0.040152	0.03	0	0	0	0	0
0.020655	0.01	0	0	0	37	37
0.968684	0.44	37	42	34	32	145
0.008086	0	32	0	0	38	70
0.02015	0	0	0	0	0	0
0.017952	0	0	0	0	0	0
0.031473	0	0	0	0	0	0
0.036993	0	0	0	0	0	0
0.034296	0	0	0	0	0	0

0.03704	0	0	0	0	0	0
0.055666	0	0	0	0	0	0
0.055865	0	0	0	0	0	0
0.091427	0	0	0	0	0	0
0.067225	0	0	0	0	0	0
0.045645	0	0	0	0	0	0
0.047131	0	0	0	0	0	0
0.050099	0	0	0	0	0	0
0.050935	0	0	0	0	0	0
0.029624	0	0	0	0	0	0
0.043624	0	0	0	0	0	0
0.07311	0	0	0	0	0	0
0.056992	0	0	0	0	0	0
0.029351	0	0	0	0	0	0
0.193462	0	0	0	0	0	0
0.139326	0	0	0	0	0	0
0.022817	0	0	0	0	0	0
0.016311	0	0	0	0	0	0
0.050148	0	0	0	0	0	0
0.037082	0	0	0	0	0	0
0.016058	0	0	0	0	0	0
0.00988	0	0	0	0	0	0
0.019731	0	0	0	0	0	0
0.020449	0	0	0	0	0	0
0.010999	0	0	0	0	0	0
0.008832	0	0	0	0	0	0
0.016542	0	0	0	0	0	0
0.008668	0	0	0	0	0	0
0.006849	0	0	0	0	0	0
0.008938	0	0	0	0	0	0
0.009644	0	0	0	0	0	0
0.020031	0	0	0	0	0	0
0.036737	0.01	0	0	0	0	0
0.030652	0	0	0	0	2	2
0.035055	0	2	0	0	0	2
0.016141	0	0	0	0	0	0
0.010253	0	0	0	0	0	0
0.01631	0	0	0	0	0	0
0.083364	0	0	0	0	0	0
0.014436	0	0	0	0	0	0
0.009996	0	0	0	0	0	0
0.028423	0	0	0	0	0	0
0.024411	0	0	0	0	0	0
0.018333	0	0	0	0	0	0
0.028326	0	0	0	0	0	0
0.088194	0	0	0	0	0	0
0.07387	0	0	0	0	0	0
0.033408	0	0	0	0	0	0
0.068627	0	0	0	0	0	0
0.03333	0	0	0	0	0	0

0.14008	0	0	0	0	0	0
0.032156	0	0	0	0	0	0
0.059664	0	0	0	0	0	0
0.049482	0	0	0	0	0	0
0.069944	0	0	0	0	0	0
0.041746	0	0	0	0	0	0
0.062077	0	0	0	0	0	0
0.076121	0	0	0	0	0	0
0.024704	0	0	0	0	0	0
0.010792	0	0	0	0	0	0
0.005673	0	0	0	0	4	4
0.009975	0	4	0	0	0	4
0.008837	0	0	0	0	0	0
0.008347	0	0	0	0	0	0
0.009426	0	0	0	0	0	0
0.013836	0	0	0	0	0	0
0.014557	0	0	0	0	0	0
0.014715	0	0	0	0	11	11
0.014835	0	11	0	0	0	11
0.309439	0	0	0	0	0	0
0.044248	0	0	0	0	0	0
0.014024	0	0	0	0	0	0
0.0113	0	0	0	0	0	0
0.016428	0	0	0	0	0	0
0.001113	0	0	0	0	0	0
0.084979	0	0	0	0	0	0
0.140836	0	0	0	0	0	0
0.032756	0	0	0	0	0	0
0.022927	0	0	0	0	0	0
0.00459	0	0	0	0	0	0
0.004187	0	0	0	0	0	0
0.0056	0	0	0	0	0	0
0.119239	0	0	0	0	0	0
0.095223	0	0	0	0	0	0
0.132662	0	0	0	0	0	0
0.055171	0	0	0	0	0	0
0.172891	0	0	0	0	0	0
0.086468	0	0	0	0	0	0
0.04842	0	0	0	0	0	0
0.050593	0	0	0	0	0	0
0.048782	0	0	0	0	0	0
0.043371	0	0	0	0	0	0
0.053215	0	0	0	0	0	0
0.035308	0	0	0	0	0	0
0.032842	0	0	0	0	0	0
0.02501	0	0	0	0	0	0
0.023522	0	0	0	0	0	0
0.015478	0	0	0	0	0	0
0.019881	0	0	0	0	0	0
0.019442	0	0	0	0	0	0

0.094595	0	0	0	0	0	0
0.086251	0	0	0	0	0	0
0.031852	0	0	0	0	0	0
0.042229	0	0	0	0	0	0
0.018952	0	0	0	0	0	0
0.021404	0	0	0	0	0	0
0.01239	0	0	0	0	0	0
0.063418	0	0	0	0	0	0
0.268503	0	0	0	0	0	0
0.051912	0	0	0	0	0	0
0.116338	0	0	0	0	0	0
0.459155	0	0	0	0	0	0
0.094886	0	0	0	0	0	0
0.027309	0	0	0	0	0	0
0.097903	0	0	0	0	0	0
0.042288	0	0	0	0	0	0
0.040993	0	0	0	0	0	0
0.042728	0	0	0	0	0	0
0.043078	0	0	0	0	0	0
0.050914	0	0	0	0	0	0
0.060118	0	0	0	0	0	0
0.025913	0	0	0	0	0	0
0.028396	0	0	1	0	0	1
0.006258	0	0	0	0	0	0
0.006356	0	0	0	0	0	0
0.004577	0	0	0	0	0	0
0.004838	0	0	0	0	0	0
0.004221	0	0	0	0	0	0
0.010056	0	0	0	0	0	0
0.00531	0	0	0	0	0	0
0.00382	0	0	0	0	0	0
0.007232	0	0	0	0	0	0
0.009739	0	0	0	0	0	0
0.00565	0	0	0	0	0	0
0.004259	0	0	0	0	0	0
0.005859	0	0	0	0	0	0
0.002195	0	0	0	0	0	0
0.001756	0	0	0	0	0	0
0.010061	0	0	0	0	0	0
0.007182	0	0	0	0	0	0
0.006279	0	0	0	0	0	0
0.005257	0	0	0	0	0	0
0.010724	0	0	0	0	3	3
0.012575	0	3	0	0	0	3
0.00669	0	0	0	0	0	0
0.045904	0	0	0	0	0	0
0.074423	0	0	0	0	0	0
0.069841	0	0	0	0	0	0
0.207441	0	0	0	0	0	0
0.214434	0	0	0	0	0	0

0.054397	0	0	0	0	0	0
0.015504	0	0	0	0	0	0
0.316032	0	0	0	0	0	0
0.016632	0	0	0	0	0	0
0.010016	0	0	0	0	0	0
0.009322	0	0	0	0	0	0
0.098182	0	0	0	0	0	0
0.011399	0	0	0	0	0	0
0.009763	0	0	0	0	0	0
0.014098	0	0	0	0	0	0
0.028189	0	0	0	0	0	0
0.015435	0	0	0	0	0	0
0.03198	0	0	0	0	0	0
0.035934	0	0	0	0	0	0
0.195056	0	0	0	0	0	0
0.024997	0	0	0	0	0	0
0.028898	0	0	0	0	0	0
0.025971	0	0	0	0	0	0
0.050668	0	0	0	0	0	0
0.014891	0	0	0	0	0	0
0.030276	0	0	0	0	0	0
0.837392	0	0	0	0	0	0
0.105105	0	0	0	0	0	0
0.041336	0	0	0	0	0	0
0.029453	0	0	0	0	0	0
0.02486	0	0	0	0	0	0
0.010164	0	0	0	0	0	0
0.020433	0	0	0	0	0	0
0.026203	0	0	0	0	0	0
0.019117	0	0	0	0	0	0
0.054926	0	0	0	0	0	0
0.042164	0	0	0	0	0	0
0.063365	0	0	0	0	0	0
0.052323	0	0	0	0	0	0
0.001411	0	2	0	0	0	2
0.027851	0	0	0	0	5	5
0.058264	0	5	0	0	0	5
0.007391	0	0	0	0	0	0
0.047068	0	0	0	0	0	0
0.031311	0	0	0	0	0	0
0.04244	0	0	0	0	0	0
0.029969	0	0	0	0	0	0
0.027849	0	0	0	0	0	0
0.039545	0	0	0	0	0	0
0.04237	0	0	0	0	0	0
0.216259	0	0	0	0	0	0
0.139716	0	0	0	0	0	0
0.025949	0	0	0	0	0	0
0.024242	0	0	4	0	0	4
0.06965	0	0	0	0	0	0

0.072523	0	0	0	0	0	0
0.032697	0	0	0	0	0	0
0.052892	0	0	0	0	0	0
0.021046	0	0	0	0	0	0
0.012984	0	0	0	0	0	0
0.056895	0	0	0	0	0	0
0.026467	0	0	0	0	0	0
0.019453	0	0	0	0	0	0
0.031615	0	0	0	0	0	0
0.049764	0	0	0	0	0	0
0.080034	0	0	0	0	0	0
0.079513	0	0	0	0	0	0
0.055264	0	0	0	0	0	0
0.052173	0	0	0	0	0	0
0.039094	0	0	0	0	0	0
0.105037	0	0	0	0	0	0
0.064639	0	0	0	0	0	0
0.059116	0	0	0	0	0	0
0.030063	0	0	0	0	0	0
0.336456	0	0	0	0	0	0
0.010208	0	0	0	0	0	0
0.012646	0	0	0	0	0	0
0.022773	0	0	0	0	0	0
0.073084	0	0	0	0	0	0
0.058114	0	0	0	0	0	0
0.013266	0	0	0	0	0	0
0.176259	0	0	0	0	0	0
0.218294	0	0	0	0	0	0
0.190663	0	0	0	0	0	0
0.01297	0	0	0	0	0	0
0.008455	0	0	0	0	0	0
0.007794	0	0	0	0	0	0
0.003252	0	0	0	0	0	0
0.003872	0	0	0	0	0	0
0.013149	0	0	0	0	0	0
0.000324	0	0	0	0	0	0
0.002865	0	0	0	0	0	0
0.00181	0	0	0	0	0	0
0.002288	0	0	0	0	0	0
0.003034	0	0	0	0	0	0
0.002066	0	0	0	0	0	0
0.004094	0	0	0	0	0	0
0.00298	0	0	0	0	0	0
0.004469	0	0	0	0	0	0
0.288374	0.08	0	0	0	0	0
0.109295	0	0	0	0	0	0
0.022588	0	0	0	0	0	0
0.019307	0	0	0	0	0	0
0.032758	0	0	0	0	0	0
0.027873	0	0	0	0	0	0



0.016976	0	0	0	0	0	0
0.022714	0	0	0	0	0	0
0.028025	0	0	0	0	0	0
0.019508	0	0	0	0	0	0
0.013011	0	0	0	0	0	0
0.03146	0	0	0	0	0	0
0.013224	0	0	0	0	0	0
0.011645	0	0	0	0	0	0
0.008333	0	0	0	0	0	0
0.031092	0	0	0	0	0	0
0.013265	0	0	0	0	0	0
0.016967	0	0	0	0	0	0
0.018061	0	0	0	0	0	0
0.031482	0	0	0	0	0	0
0.048415	0	0	0	0	0	0
0.017911	0	0	0	0	0	0
0.016337	0	0	0	0	0	0
0.015285	0	0	0	0	0	0
0.906243	0	0	0	0	0	0
0.060151	0	0	0	0	0	0
0.074215	0	0	0	0	0	0
0.060871	0	0	0	0	0	0
0.03882	0	0	0	0	0	0
0.011226	0.01	0	0	0	0	0
0.011274	0.03	0	0	0	0	0
0.027726	0	0	0	0	0	0
0.031647	0.02	0	0	0	0	0
0.031744	0.03	0	0	0	0	0
0.082179	0.08	0	0	0	0	0
0.021306	0	0	0	0	0	0
0.610813	0	0	0	0	0	0
0.019785	0	0	0	0	0	0
0.030454	0	0	0	0	0	0
0.048732	0	0	0	0	0	0
0.019484	0	0	0	0	0	0
0.028616	0	0	0	0	0	0
0.043115	0	0	0	0	0	0
0.004851	0	0	0	0	0	0
0.00301	0	0	0	0	0	0
0.003383	0	0	0	0	0	0
0.004028	0	0	0	0	0	0
0.002913	0	0	0	0	0	0
0.003351	0	0	0	0	0	0
0.002583	0	0	0	0	0	0
0.008881	0	0	0	0	0	0
0.003309	0	0	0	0	0	0
0.005605	0	0	0	0	0	0
0.004127	0	0	0	0	0	0
0.003072	0	0	0	0	0	0
0.002211	0	0	0	0	0	0

0.002383	0	0	0	0	0	0
0.061434	0	0	0	0	0	0
0.021375	0	0	0	0	0	0
0.025531	0	0	0	0	0	0
0.02059	0	0	0	0	0	0
0.015832	0	0	0	0	0	0
0.104467	0	0	0	0	0	0
0.041185	0	0	0	0	0	0
0.017126	0	0	0	0	0	0
0.0418	0	0	0	0	0	0
0.032818	0	0	0	0	0	0
0.0395	0	0	0	0	0	0
0.039975	0	0	0	0	0	0
0.043519	0	0	0	0	0	0
0.033029	0	0	0	0	0	0
0.033058	0	0	0	0	0	0
0.043265	0	0	0	0	0	0
0.045097	0	0	0	0	0	0
0.044214	0	0	0	0	0	0
0.00725	0	0	0	0	0	0
0.027615	0	0	0	0	0	0
0.035397	0	0	0	0	0	0
0.090532	0	0	0	0	0	0
0.030529	0	0	0	0	0	0
0.030657	0	0	0	0	0	0
0.094181	0	1	0	0	0	1
0.600705	0	0	0	0	0	0
0.026634	0	0	0	0	0	0
0.006029	0	0	0	0	0	0
0.005973	0	0	0	0	0	0
0.206653	0	0	8	0	6	14
0.132468	0	6	0	0	0	6
0.021777	0	0	0	0	0	0
0.115056	0	0	0	0	1	1
0.005694	0	0	0	0	0	0
0.001172	0	0	0	0	0	0
0.000562	0	0	0	0	0	0
0.001157	0	0	0	0	0	0
0.086965	0	0	0	0	0	0
0.039794	0	0	0	0	0	0
0.013792	0	0	0	0	0	0
0.050346	0	0	0	0	0	0
0.032863	0	0	0	0	0	0
0.026736	0	0	0	0	0	0
0.013056	0	0	0	0	0	0
0.12048	0	0	0	0	0	0
0.128446	0	0	0	0	0	0
0.005858	0	0	0	0	0	0
0.022573	0	0	0	0	0	0
0.094906	0	0	0	0	0	0

0.947335	0	0	0	0	0	0
0.023074	0	0	0	0	0	0
0.014529	0	0	0	0	0	0
0.015059	0	0	0	0	0	0
0.014246	0	0	0	0	0	0
0.005679	0	0	0	0	0	0
0.011424	0	0	0	0	0	0
0.01345	0	0	0	0	0	0
0.003738	0	0	0	0	0	0
0.005337	0	0	0	0	0	0
0.00347	0	0	0	0	0	0
0.012699	0	0	0	0	0	0
0.318175	0	0	0	0	0	0
0.648789	0.18	0	0	0	0	0
0.034658	0	0	0	0	0	0
0.071036	0	0	0	0	0	0
0.076044	0	0	0	0	0	0
0.048912	0	0	0	0	0	0
0.046617	0	0	0	0	0	0
0.019719	0	0	0	0	0	0
0.02021	0	0	0	0	0	0
0.009102	0	0	0	0	0	0
0.007146	0	0	0	0	0	0
0.009189	0	0	0	0	0	0
0.008306	0	0	0	0	0	0
0.005225	0	0	0	0	0	0
0.021245	0	0	0	0	0	0
0.005579	0	0	0	0	0	0
0.004359	0	0	0	0	0	0
0.005976	0	0	0	0	0	0
0.00592	0	0	0	0	0	0
0.02195	0	0	0	0	0	0
0.035187	0	0	0	0	0	0
0.012233	0	0	0	0	0	0
0.014846	0	0	0	0	0	0
0.015837	0	0	0	0	0	0
0.01879	0	0	0	0	0	0
0.385596	0.01	0	0	0	0	0
0.003337	0	0	0	0	0	0
0.007648	0	0	0	0	0	0
0.015534	0	0	0	0	0	0
0.011521	0	0	0	0	0	0
0.002943	0	0	0	0	0	0
0.01067	0	0	0	0	0	0
0.001087	0	0	0	0	0	0
0.008696	0	0	0	0	0	0
0.001612	0	0	0	0	0	0
0.001654	0	0	0	0	0	0
0.002687	0	0	0	0	0	0
0.005095	0	0	0	0	0	0

0.006429	0	0	0	0	0	0
0.019583	0	0	0	0	0	0
0.006728	0	0	0	0	0	0
0.005243	0	0	0	0	0	0
0.024423	0	0	0	0	0	0
0.015386	0	0	0	0	0	0
0.006965	0	0	0	0	0	0
0.005259	0	0	0	0	0	0
0.007044	0	0	0	0	0	0
0.005752	0	0	0	0	0	0
0.007612	0	0	0	0	0	0
0.004802	0	0	0	0	0	0
0.005163	0	0	0	0	0	0
0.004959	0	0	0	0	0	0
0.007043	0	0	0	0	0	0
0.004397	0	0	0	0	0	0
0.015792	0	0	0	0	0	0
0.003411	0	0	0	0	0	0
0.009585	0	0	0	0	0	0
0.113666	0	0	0	0	0	0
0.093058	0	0	0	0	0	0
0.693679	0	0	0	0	0	0
0.063075	0	0	0	0	0	0
0.227029	0	0	0	0	0	0
0.117638	0	0	0	0	0	0
0.16916	0	0	0	0	0	0
0.161261	0	0	0	0	0	0
0.301914	0.1	0	0	0	0	0
0.015349	0	0	0	0	0	0
0.055341	0	0	0	0	0	0
0.085789	0	0	0	0	0	0
0.058888	0	0	0	0	0	0
0.049367	0	0	0	0	0	0
0.102964	0	0	0	0	0	0
0.111944	0	0	0	0	0	0
0.052096	0	0	0	0	0	0
0.062367	0	0	0	0	0	0
0.046849	0	0	0	0	0	0
0.041953	0	0	0	0	0	0
0.035933	0	0	0	0	0	0
0.029169	0	0	0	0	0	0
0.035095	0	0	0	0	0	0
0.041419	0	0	0	0	0	0
0.049289	0	0	0	0	0	0
0.079602	0	0	0	0	0	0
0.04394	0	0	0	0	0	0
0.048664	0	0	0	0	0	0
0.045046	0	0	0	0	0	0
0.11866	0	0	0	0	0	0
0.027697	0	0	0	0	0	0

0.019104	0	0	0	0	0	0
0.021116	0	0	0	0	0	0
0.013317	0	0	0	0	2	2
0.018283	0	2	0	0	0	2
0.01708	0	0	0	0	0	0
0.02575	0	0	0	0	0	0
0.014348	0	0	0	0	0	0
0.010622	0	0	0	0	0	0
0.003106	0	0	0	0	0	0
0.004129	0	0	0	0	0	0
0.001193	0	0	0	0	0	0
0.001622	0	0	0	0	0	0
0.117509	0.03	0	0	0	0	0
0.001501	0	0	0	0	0	0
0.003945	0	0	0	0	0	0
0.00472	0	0	0	0	0	0
0.006644	0	0	0	0	0	0
0.005009	0	0	0	0	0	0
0.004452	0	0	0	0	0	0
0.004531	0	0	0	0	0	0
0.003501	0	0	0	0	0	0
0.00297	0	0	0	0	0	0
0.002933	0	0	0	0	0	0
0.006018	0	0	0	0	0	0
0.009229	0	0	0	0	0	0
0.005806	0	0	0	0	0	0
0.008565	0	0	0	0	0	0
0.012415	0	0	0	0	0	0
0.011388	0	0	0	0	0	0
0.019279	0	0	0	0	0	0
0.137307	0	0	0	0	0	0
0.031662	0	0	1	0	0	1
0.022113	0	0	0	0	0	0
0.004804	0	0	0	0	0	0
0.01928	0	0	0	0	0	0
0.003959	0	0	0	0	0	0
0.003366	0	0	0	0	0	0
0.006153	0	0	0	0	0	0
0.004498	0	0	0	0	0	0
0.004608	0	0	0	0	0	0
0.004305	0	0	0	0	0	0
0.030185	0	0	0	0	0	0
0.050983	0	0	0	0	0	0
0.038964	0	0	0	0	0	0
0.018302	0.05	0	0	0	0	0
0.082658	0.3	0	0	0	0	0
0.037574	0	0	0	0	0	0
0.029974	0	0	0	0	0	0
0.058708	0	0	0	0	0	0
0.056263	0	0	0	0	0	0

0.025626	0	0	0	0	0	0
0.038479	0	0	0	0	0	0
0.066602	0	0	0	0	0	0
0.033935	0	0	0	0	0	0
0.097205	0	0	0	0	0	0
0.039495	0	0	0	0	0	0
0.023384	0	0	0	0	0	0
0.055111	0	0	0	0	0	0
0.05913	0	0	0	0	0	0
0.107049	0	0	0	0	0	0
0.067633	0	0	0	0	0	0
0.026415	0	0	0	0	0	0
0.035038	0	0	0	0	0	0
0.058376	0	0	0	0	0	0
0.046313	0	0	0	0	0	0
0.011843	0	0	0	0	0	0
0.00098	0	0	0	0	0	0
0.00053	0	0	0	0	0	0
0.001249	0	0	0	0	0	0
0.00078	0	0	0	0	0	0
0.000606	0	0	0	0	0	0
0.033614	0	0	0	0	0	0
0.033639	0	0	0	0	0	0
0.028009	0	0	0	0	0	0
0.045118	0	0	0	0	0	0
0.048539	0	0	0	0	0	0
0.139318	0	0	0	0	0	0
0.054013	0	0	0	0	0	0
0.209722	0	0	0	0	0	0
0.086972	0	0	0	0	0	0
0.073661	0	0	0	0	0	0
0.095702	0	0	0	0	0	0
0.218133	0	0	0	0	0	0
0.063116	0	0	0	0	0	0
0.072233	0	0	0	0	0	0
0.076462	0	0	0	0	0	0
0.051961	0	0	0	0	0	0
0.061376	0	0	0	0	0	0
0.189439	0	0	0	0	0	0
0.055053	0	0	0	0	0	0
0.262505	0	0	4	0	0	4
0.007527	0	0	0	0	0	0
0.002092	0	0	0	0	0	0
0.00262	0	0	0	0	0	0
0.00242	0	0	0	0	0	0
0.002548	0	0	0	0	0	0
0.002999	0	0	0	0	0	0
0.004572	0	0	0	0	0	0
0.045617	0	0	0	0	0	0
0.049362	0	0	0	0	0	0

0.033206	0	0	0	0	0	0
0.061904	0	0	0	0	0	0
0.060307	0	0	0	0	0	0
0.096723	0	0	0	0	0	0
0.237481	0	0	0	0	0	0
0.087817	0	0	0	0	0	0
0.015081	0.06	0	4	0	0	4
0.012062	0.06	0	0	0	0	0
0.00815	0	0	0	0	0	0
0.044767	0	0	0	0	0	0
0.257594	0	0	0	0	0	0
0.017223	0	0	0	0	0	0
0.008747	0	0	0	0	0	0
0.020371	0	0	0	0	0	0
0.106492	0	0	0	0	0	0
0.031741	0	0	0	0	0	0
0.034385	0	0	0	0	0	0
0.034302	0	0	0	0	0	0
0.024809	0	0	0	0	0	0
0.024202	0	0	0	0	0	0
0.018229	0	0	0	0	0	0
0.022318	0	0	0	0	0	0
0.005875	0	0	0	0	0	0
0.00754	0	0	0	0	0	0
0.005751	0	0	0	0	0	0
0.127336	0	0	0	0	0	0
0.100681	0	0	0	0	0	0
0.180863	0	0	0	0	0	0
0.055305	0	0	0	0	0	0
0.006603	0	0	0	0	0	0
0.003278	0	0	0	0	0	0
0.005938	0	0	0	0	0	0
0.001998	0	0	0	0	0	0
0.002103	0	0	0	0	0	0
0.003251	0	0	0	0	0	0
0.001946	0	0	0	0	0	0
0.002576	0	0	0	0	0	0
0.008467	0	0	0	0	0	0
0.005331	0	0	0	0	0	0
0.003633	0	0	0	0	0	0
0.002547	0	0	0	0	0	0
0.006041	0	0	0	0	0	0
0.002431	0	0	0	0	0	0
0.002278	0	0	0	0	0	0
0.010043	0	0	0	0	0	0
0.001302	0	0	0	0	0	0
0.458875	0	0	0	0	0	0
0.298912	0	0	0	0	0	0
0.002922	0	0	0	0	0	0
0.011663	0	0	0	0	0	0

0.004837	0	0	0	0	0	0
0.005377	0	0	0	0	0	0
0.004891	0	0	0	0	0	0
0.021983	0	0	0	0	2	2
0.005609	0	2	0	0	0	2
0.002801	0	0	0	0	0	0
0.002934	0.01	0	0	0	0	0
0.009253	0	0	0	0	0	0
0.016323	0.01	0	0	0	0	0
0.001166	0	0	0	0	0	0
0.003325	0	0	0	0	0	0
0.002045	0	0	0	0	0	0
0.025304	0	0	0	0	0	0
0.003516	0	0	0	0	0	0
0.008062	0	0	0	0	0	0
0.005755	0	0	0	0	0	0
0.015	0	0	0	0	0	0
0.003056	0	0	0	0	0	0
0.009899	0	0	0	0	0	0
0.00459	0	0	0	0	0	0
0.004244	0	0	0	0	0	0
0.028678	0	0	0	0	0	0
0.019883	0	0	0	0	0	0
0.012289	0	0	0	0	0	0
0.031506	0	0	0	0	0	0
0.031969	0	0	0	0	0	0
0.021313	0	0	0	0	0	0
0.011773	0	0	0	0	0	0
0.017387	0	0	0	0	0	0
0.053883	0	0	0	0	0	0
0.019786	0	0	0	0	0	0
0.007218	0	0	0	0	0	0
0.007537	0	0	0	0	0	0
0.0082	0	0	0	0	0	0
0.078186	0	0	0	0	0	0
0.001632	0	0	0	0	0	0
0.00358	0	0	0	0	0	0
0.003746	0	0	0	0	0	0
0.019852	0	0	0	0	0	0
0.00744	0	0	0	0	0	0
0.028768	0	0	0	0	0	0
0.004053	0	0	0	0	0	0
0.052859	0	0	0	0	0	0
0.025492	0.01	0	0	0	0	0
0.003165	0	0	0	0	0	0
0.001443	0	0	0	0	0	0
0.001983	0	0	0	0	0	0
0.091438	0	0	0	0	0	0
0.017862	0	0	0	0	0	0
0.022565	0	0	0	0	0	0



0.01651	0	0	0	0	0	0
0.008704	0	0	0	0	0	0
0.009339	0	0	0	0	0	0
0.020466	0	0	0	0	0	0
0.029117	0	0	0	0	0	0
0.015786	0	0	0	0	0	0
0.014277	0	0	0	0	0	0
0.020439	0	0	0	0	0	0
0.018477	0	0	0	0	0	0
0.01226	0	0	0	0	0	0
0.014058	0	0	0	0	0	0
0.018411	0	0	0	0	0	0
0.001848	0	0	0	0	0	0
0.001134	0	0	0	0	0	0
0.001992	0	0	0	0	0	0
0.002053	0	0	0	0	0	0
0.001878	0	0	0	0	0	0
0.018616	0.04	0	0	0	3	3
0.006955	0	0	0	0	0	0
0.012249	0	0	0	0	0	0
0.010831	0	0	0	0	0	0
0.050514	0	0	0	0	0	0
0.02533	0	0	0	0	0	0
0.163635	0.27	0	0	0	0	0
0.030107	0	0	0	0	0	0
0.011007	0	0	0	0	0	0
0.018165	0	0	0	0	0	0
0.009079	0.01	0	0	0	0	0
0.017485	0.01	0	0	0	0	0
0.040008	0	0	0	0	0	0
0.066223	0	0	0	0	0	0
0.055912	0	0	0	0	0	0
0.043911	0	0	0	0	0	0
0.03229	0	0	0	0	0	0
0.085235	0	0	0	0	0	0
0.038912	0	0	0	0	0	0
0.047299	0	0	0	0	0	0
0.058615	0	0	0	0	0	0
0.036212	0	0	0	0	0	0
0.02944	0	0	0	0	0	0
0.003898	0	0	0	0	0	0
0.00279	0	0	0	0	0	0
0.002937	0	0	0	0	0	0
0.00245	0	0	0	0	0	0
0.002484	0	0	0	0	0	0
0.005251	0	0	0	0	0	0
0.002318	0	0	0	0	0	0
0.002388	0	0	0	0	0	0
0.052264	0.01	0	0	0	0	0
0.057368	0.02	0	0	0	3	3

0.004259	0	0	0	0	0	0
0.006815	0	3	0	0	0	3
0.022052	0	0	0	0	0	0
0.006334	0	0	0	0	0	0
0.046785	0.01	0	0	0	0	0
0.048224	0.02	0	0	0	0	0
0.007379	0	0	0	0	0	0
0.009239	0	0	0	0	0	0
0.006342	0	0	0	0	0	0
0.039652	0	0	0	0	0	0
0.005841	0	0	0	0	0	0
0.00491	0	0	0	0	0	0
0.004312	0	0	0	0	0	0
0.004338	0	0	0	0	0	0
0.00334	0	0	0	0	0	0
0.289054	0	0	0	0	0	0
0.646514	0	0	0	0	0	0
0.037939	0	0	0	0	0	0
0.426773	0	0	0	0	0	0
0.567423	0	0	0	0	0	0
0.059272	0	0	0	0	0	0
0.037883	0	0	0	0	0	0
0.062374	0	0	0	0	0	0
0.053237	0	0	0	0	0	0
0.048644	0	0	0	0	0	0
0.037999	0	0	0	0	5	5
0.037732	0	5	0	0	0	5
0.051024	0	0	0	0	0	0
0.044836	0	0	0	0	0	0
0.052512	0	0	0	0	0	0
0.064938	0	0	0	0	0	0
0.035073	0	0	0	0	0	0
0.028738	0	0	0	0	0	0
0.013228	0	0	0	0	0	0
0.104277	0	0	0	0	0	0
0.020364	0	0	0	0	0	0
0.020188	0	0	0	0	0	0
0.018188	0	0	0	0	0	0
0.049216	0	0	0	0	0	0
0.026111	0	0	0	0	0	0
0.0243	0	0	0	0	0	0
0.012844	0	0	0	0	0	0
0.110049	0	0	0	0	0	0
0.109721	0	0	0	0	0	0
0.06977	0	0	0	0	0	0
0.227326	0	0	0	0	0	0
0.184165	0	0	0	0	0	0
0.153124	0	0	0	0	0	0
0.086109	0	0	0	0	0	0
0.49009	0	0	0	0	0	0

0.08151	0	0	0	0	0	0
0.109423	0	0	0	0	0	0
0.158857	0	0	0	0	0	0
0.105362	0	0	0	0	0	0
0.342443	0	0	0	0	0	0
0.087113	0	0	0	0	0	0
0.025455	0	0	0	0	0	0
0.036837	0	0	0	0	0	0
0.051348	0	0	0	0	0	0
0.018984	0	0	0	0	0	0
0.052821	0	0	0	0	0	0
0.015267	0	0	0	0	0	0
0.011169	0	0	0	0	0	0
0.059139	0	0	0	0	0	0
0.03843	0	0	0	0	0	0
0.053975	0.09	0	0	0	0	0
0.115842	0.01	0	0	0	0	0
0.073718	0	0	0	0	0	0
0.023348	0	0	0	0	0	0
0.053284	0	0	0	0	0	0
0.011774	0	0	0	0	0	0
0.011422	0	0	0	0	0	0
0.007222	0	0	0	0	0	0
0.017203	0	0	0	0	0	0
0.005833	0	0	0	0	0	0
0.010593	0	0	0	0	0	0
0.005719	0	0	0	0	0	0
0.007937	0	0	0	0	0	0
0.013414	0	0	0	0	0	0
0.02049	0	0	0	0	0	0
0.018213	0	0	0	0	0	0
0.01118	0	0	0	0	0	0
0.018455	0	0	0	0	0	0
0.011123	0	0	0	0	0	0
0.034244	0	0	0	0	0	0
0.110879	0	0	0	0	0	0
0.026482	0	0	0	0	0	0
0.014486	0	0	0	0	0	0
0.004316	0	0	0	0	0	0
0.014184	0	0	0	0	0	0
0.005619	0	0	0	0	0	0
0.023717	0	0	0	0	0	0
0.015825	0	0	0	0	0	0
0.019833	0	0	0	0	0	0
0.022704	0	0	0	0	0	0
0.014432	0	0	0	0	0	0
0.013833	0	0	0	0	0	0
0.010954	0	0	0	0	0	0
0.012262	0	0	0	0	0	0
0.063901	0	0	0	0	0	0

0.087999	0	0	0	0	0	0
0.050111	0	0	0	0	0	0
0.243018	0	0	0	0	0	0
0.045237	0	0	0	0	0	0
0.051042	0	0	0	0	0	0
0.041549	0	0	0	0	0	0
0.054507	0	0	0	0	0	0
0.061601	0	0	0	0	0	0
0.008005	0.04	0	0	0	0	0
0.005818	0.01	0	0	0	0	0
0.001276	0	0	0	0	0	0
0.00216	0	0	0	0	0	0
0.002673	0	0	0	0	0	0
0.012406	0	0	0	0	0	0
0.003196	0	0	0	0	0	0
0.003037	0	0	0	0	0	0
0.002832	0	0	0	0	0	0
0.001892	0	0	0	0	0	0
0.009503	0	0	0	0	0	0
0.006986	0	0	0	0	0	0
0.003318	0	0	0	0	0	0
0.00161	0	0	0	0	0	0
0.002146	0	0	0	0	0	0
0.002053	0	0	0	0	0	0
0.001423	0	0	0	0	0	0
0.001776	0	0	0	0	0	0
0.001456	0	0	0	0	0	0
0.001376	0	0	0	0	0	0
0.001041	0	0	0	0	0	0
0.003237	0	0	0	0	0	0
0.001913	0	0	0	0	0	0
0.002161	0	0	0	0	0	0
0.009853	0	0	0	0	0	0
0.010211	0	0	0	0	0	0
0.001482	0	0	0	0	0	0
0.000822	0	0	0	0	0	0
0.003687	0	0	0	0	0	0
0.002906	0	0	0	0	0	0
0.002856	0	0	0	0	0	0
0.011016	0	0	0	0	0	0
0.004973	0	0	0	0	0	0
0.004093	0	0	0	0	0	0
0.004553	0	0	0	0	0	0
0.039694	0	0	0	0	0	0
0.024986	0	0	0	0	0	0
0.029373	0	0	0	0	0	0
0.008446	0	0	0	0	0	0
0.001429	0	0	0	0	0	0
0.009127	0	0	0	0	0	0
0.005903	0	0	0	0	0	0

0.017653	0	0	0	0	0	0
0.027651	0	0	0	0	0	0
0.019165	0	0	0	0	0	0
0.012236	0	0	0	0	0	0
0.011316	0	0	0	0	0	0
0.022288	0	0	0	0	0	0
0.014948	0	0	0	0	0	0
0.015006	0	0	0	0	0	0
0.10129	0	0	0	0	0	0
0.006514	0	0	0	0	0	0
0.007437	0	0	0	0	0	0
0.006239	0	0	0	0	0	0
0.00415	0	0	0	0	0	0
0.006235	0	0	0	0	0	0
0.003171	0	0	0	0	0	0
0.004872	0	0	0	0	0	0
0.007184	0	0	0	0	0	0
0.004059	0	0	0	0	0	0
0.03737	0	0	0	0	0	0
0.029742	0	0	0	0	0	0
0.022989	0	0	0	0	0	0
0.008224	0	0	0	0	0	0
0.016079	0	0	0	0	0	0
0.108841	0	0	0	0	0	0
0.019299	0	0	0	0	0	0
0.021266	0	0	0	0	0	0
0.018527	0	0	0	0	0	0
0.010111	0	0	0	0	0	0
0.020081	0	0	0	0	0	0
0.020056	0	0	0	0	0	0
0.005661	0	0	0	0	0	0
0.028575	0	0	0	0	0	0
0.011297	0	0	0	0	0	0
0.050033	0	0	0	0	0	0
0.070569	0	0	0	0	0	0
0.025313	0	0	0	0	0	0
0.01849	0	0	0	0	0	0
0.033122	0	0	0	0	0	0
0.063214	0	0	0	0	0	0
0.073689	0	0	0	0	0	0
0.016799	0	0	0	0	0	0
0.003223	0	0	0	0	3	3
0.004148	0	0	0	0	0	0
0.002913	0	0	0	0	0	0
0.004885	0	0	0	0	0	0
0.001652	0.01	0	0	0	0	0
0.001489	0	0	0	0	0	0
0.003461	0	3	0	0	0	3
0.001995	0	0	0	0	0	0
0.00363	0	0	0	0	0	0

0.003491	0	0	0	0	0	0
0.004178	0	0	0	0	0	0
0.00212	0	0	0	0	0	0
0.007061	0	0	0	0	0	0
0.012522	0	0	0	0	0	0
0.023945	0	0	0	0	0	0
0.001873	0	0	0	0	0	0
0.00144	0	0	0	0	0	0
0.021791	0	0	0	0	0	0
0.016096	0	0	0	0	0	0
0.017874	0	0	0	0	0	0
0.011215	0	0	0	0	0	0
0.006285	0	0	0	0	0	0
0.004912	0	0	0	0	0	0
0.01533	0	0	0	0	0	0
0.031249	0	0	0	0	0	0
0.002016	0	0	0	0	0	0
0.008454	0	0	0	0	0	0
0.002944	0	0	0	0	0	0
0.008772	0	0	0	0	0	0
0.002945	0	0	0	0	0	0
0.002705	0	0	0	0	0	0
0.00314	0	0	0	0	0	0
0.002265	0	0	0	0	0	0
0.010507	0	0	0	0	0	0
0.004458	0	0	0	0	0	0
0.006155	0	0	0	0	0	0
0.541626	0	0	0	0	0	0
0.570318	0	0	0	4	0	4
0.024311	0	0	0	0	0	0
0.02842	0	0	0	0	0	0
0.030296	0	0	0	0	0	0
0.053211	0	0	0	0	0	0
0.111588	0	0	0	0	0	0
0.034986	0	0	0	0	0	0
0.061772	0	0	0	0	0	0
0.050006	0	0	0	0	0	0
0.04796	0	0	0	0	0	0
0.043377	0	0	0	0	0	0
0.056261	0	0	0	0	0	0
0.010651	0	0	0	0	0	0
0.016355	0	0	0	0	0	0
0.112646	0	0	0	0	0	0
0.067564	0	0	0	0	0	0
0.017767	0	0	0	0	0	0
0.028026	0	0	0	0	0	0
0.007948	0	0	0	0	0	0
0.022219	0	0	0	0	0	0
0.037514	0	0	0	0	0	0
0.0264	0	0	0	0	0	0

0.027971	0	0	0	0	0	0
0.016545	0	0	0	0	0	0
0.03534	0	0	0	0	0	0
0.018187	0	0	0	0	0	0
0.013578	0	0	0	0	0	0
0.037816	0	0	0	0	0	0
0.026856	0	0	0	0	0	0
0.021198	0	0	0	0	0	0
0.09951	0	0	0	0	0	0
0.020061	0	0	0	0	0	0
0.087127	0	0	0	0	0	0
0.036392	0	0	0	0	0	0
0.001506	0	0	0	0	0	0
0.043827	0	0	0	0	0	0
0.034389	0	0	0	0	0	0
0.057463	0	0	0	0	0	0
0.023475	0	0	0	0	0	0
0.031108	0	0	0	0	0	0
0.022537	0	0	0	0	0	0
0.005493	0	0	0	0	0	0
0.012283	0	0	0	0	0	0
0.013454	0	0	0	0	0	0
0.020235	0	0	0	0	0	0
0.015273	0.01	0	0	0	0	0
0.060088	0.02	0	0	3	0	3
0.009531	0	0	0	0	0	0
0.004415	0	0	0	0	0	0
0.004319	0	0	0	0	0	0
0.004253	0	0	0	0	0	0
0.00557	0	0	0	0	0	0
0.004258	0	0	0	0	0	0
0.002125	0	0	0	0	0	0
0.002152	0	0	0	0	0	0
0.002281	0	0	0	0	0	0
0.006496	0	0	0	0	0	0
0.004195	0	0	0	0	0	0
0.003022	0	0	0	0	0	0
0.007279	0	0	0	0	0	0
0.001499	0	0	0	0	0	0
0.001403	0.01	0	0	0	0	0
0.002212	0	0	0	0	0	0
0.004791	0	0	0	0	0	0
0.001644	0	0	0	0	0	0
0.067522	0.01	0	0	0	0	0
0.005738	0	0	0	0	0	0
0.012401	0	0	0	0	0	0
0.018186	0	0	0	0	0	0
0.024955	0.02	0	0	0	0	0
0.02624	0	0	0	0	0	0
0.00536	0	0	0	0	0	0

0.059785	0	0	0	0	0	0
0.01772	0	0	0	0	0	0
0.017694	0	0	0	0	0	0
0.011798	0	0	0	0	0	0
0.006995	0	0	0	0	0	0
0.006971	0	0	0	0	0	0
0.020097	0	0	0	0	0	0
0.009932	0	0	0	0	0	0
0.011194	0	0	0	0	0	0
0.027676	0	0	0	0	0	0
0.032125	0	0	0	0	0	0
0.046038	0	0	0	0	0	0
0.044143	0	0	0	0	0	0
0.098168	0	0	0	0	0	0
0.01585	0	0	0	0	0	0
0.013094	0	0	0	0	0	0
0.058809	0	0	0	0	0	0
0.096043	0	0	0	0	0	0
0.034526	0	0	0	0	0	0
0.110228	0	0	0	0	0	0
0.109324	0	0	0	0	0	0
0.10859	0	0	0	0	0	0
0.025442	0	0	0	0	0	0
0.033205	0	0	0	0	0	0
0.024537	0	0	0	0	0	0
0.020815	0	0	0	0	0	0
0.095485	0	0	0	0	0	0
0.054213	0	0	0	0	0	0
0.029778	0	0	0	0	0	0
0.018171	0	0	0	0	0	0
0.014552	0	0	0	0	0	0
0.013877	0	0	0	0	0	0
0.024182	0	0	0	0	0	0
0.016359	0	0	0	0	0	0
0.01577	0	0	0	0	0	0
0.147986	0	0	0	0	0	0
0.147432	0	0	0	0	0	0
0.017717	0	0	0	0	0	0
0.046801	0	0	0	0	0	0
0.022247	0	0	0	0	0	0
0.021189	0	0	0	0	0	0
0.01676	0	0	0	0	0	0
0.005638	0	0	0	0	0	0
0.013292	0	0	0	0	0	0
0.110872	0	0	0	0	0	0
0.006879	0	0	0	0	0	0
0.006604	0	0	0	0	0	0
0.006134	0	0	0	0	0	0
0.00667	0	0	0	0	0	0
0.007045	0	0	0	0	0	0



0.004583	0	0	0	0	0	0
0.201294	0	0	0	0	0	0
0.007376	0	0	0	0	0	0
0.005373	0	0	0	0	0	0
0.014206	0	0	0	0	0	0
0.005451	0	0	0	0	0	0
0.009064	0	0	0	0	0	0
0.007047	0	0	0	0	0	0
0.011333	0	0	0	0	0	0
0.024653	0	0	0	0	0	0
0.00881	0	0	0	0	0	0
0.008413	0	0	0	0	0	0
0.006074	0	0	0	0	0	0
0.0054	0	0	0	0	0	0
0.075282	0	0	0	0	0	0
0.012429	0	0	0	0	0	0
0.007643	0	0	0	0	0	0
0.013089	0	0	0	0	0	0
0.020105	0	0	0	0	0	0
0.009632	0	0	0	0	0	0
0.007216	0	0	0	0	0	0
0.008039	0	0	0	0	0	0
0.010652	0	0	0	0	0	0
0.048382	0	0	0	0	0	0
0.003079	0	0	0	0	0	0
0.083775	0.03	0	0	0	0	0
0.041496	0.01	0	0	0	0	0
0.005092	0	0	0	0	0	0
0.006384	0	0	0	0	0	0
0.013063	0	0	0	0	0	0
0.00828	0	0	0	0	0	0
0.003533	0	0	0	0	0	0
0.029537	0	0	0	0	0	0
0.005894	0	0	0	0	0	0
0.024651	0	0	0	0	0	0
0.002121	0	0	0	0	8	8
0.091856	0	0	0	0	0	0
0.004723	0	0	0	0	0	0
0.029062	0	0	0	0	0	0
0.005722	0	0	0	0	0	0
0.077862	0	0	0	0	0	0
0.046661	0	0	0	0	0	0
0.038853	0	0	0	0	0	0
0.060477	0	0	0	0	0	0
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0.008642	0	0	0	0	0	0
0.030192	0	0	0	0	0	0
0.024076	0	0	0	0	0	0
0.051501	0	0	0	0	0	0
0.041413	0	0	0	0	0	0

0.0919	0	0	0	0	0	0
0.047533	0	0	0	0	0	0
0.022117	0	0	0	0	0	0
0.024019	0	0	0	0	0	0
0.021839	0	0	0	0	0	0
0.017862	0	0	0	0	0	0
0.038383	0	0	0	0	0	0
0.031156	0	0	0	0	0	0
0.013983	0	0	0	0	0	0
0.029645	0	0	0	0	0	0
0.016012	0	0	0	0	0	0
0.019058	0	0	0	0	0	0
0.052219	0	0	0	0	0	0
0.018738	0	0	0	0	0	0
0.02929	0	0	0	0	0	0
0.102036	0	0	0	0	0	0
0.024269	0	0	0	0	0	0
0.013971	0	0	0	0	0	0
0.006182	0	0	0	0	0	0
0.003692	0	0	0	0	0	0
0.003297	0	0	0	0	0	0
0.009835	0	0	0	0	0	0
0.005066	0	0	0	0	0	0
0.004266	0	0	0	0	0	0
0.014482	0	0	0	0	0	0
0.007043	0	0	0	0	0	0
0.008145	0	0	0	0	0	0
0.008198	0	0	0	0	0	0
0.007287	0	0	0	0	0	0
0.005549	0	0	0	0	0	0
0.004542	0	0	0	0	0	0
0.004638	0	0	0	0	0	0
0.010619	0	0	0	0	0	0
0.003469	0	0	0	0	0	0
0.007152	0	0	0	0	0	0
0.012417	0	0	0	0	0	0
0.0032	0	0	0	0	0	0
0.067829	0	0	0	0	0	0
0.069506	0	0	0	0	0	0
0.218702	0.07	0	0	0	0	0
0.039868	0	0	0	0	0	0
0.527813	0	0	0	0	0	0
0.046187	0	0	0	0	0	0
0.070332	0	0	0	0	0	0
0.032442	0	0	0	0	0	0
0.052477	0	0	0	0	0	0
0.148618	0	0	0	0	0	0
0.047381	0	0	0	0	0	0
0.00959	0	0	0	0	0	0
0.002527	0	0	0	0	0	0

0.007166	0	0	0	0	0	0
0.017115	0	0	0	0	0	0
0.012563	0	0	0	0	0	0
0.017298	0	0	0	0	0	0
0.007977	0	0	0	0	0	0
0.002724	0	0	0	0	0	0
0.00305	0	0	0	0	0	0
0.040836	0	0	0	0	0	0
0.007237	0	0	0	0	0	0
0.004809	0	0	0	0	0	0
0.006873	0	0	0	0	0	0
0.098948	0	0	0	0	0	0
0.057203	0	0	0	0	0	0
0.040901	0	0	0	0	0	0
0.053199	0	0	0	0	0	0
0.04684	0	0	0	0	0	0
0.049603	0	0	0	0	0	0
0.080708	0	0	0	0	0	0
0.041405	0	0	0	0	0	0
0.025685	0	0	0	0	0	0
0.083833	0	0	0	0	0	0
0.115546	0	0	0	0	0	0
0.047124	0	0	0	0	0	0
0.05605	0	0	0	0	0	0
0.084508	0	0	0	0	0	0
0.062747	0	0	0	0	0	0
0.027801	0	0	0	0	0	0
0.023285	0	0	0	0	0	0
0.014172	0	0	0	0	0	0
0.017589	0	0	0	0	0	0
0.020187	0	0	0	0	0	0
0.001673	0	0	0	0	0	0
0.010198	0	0	0	0	0	0
0.016414	0	0	0	0	0	0
0.007607	0	0	0	0	0	0
0.016436	0	0	0	0	0	0
0.02284	0	0	0	0	0	0
0.007757	0	0	0	0	0	0
0.014495	0	0	0	0	0	0
0.052658	0	0	0	0	0	0
0.083046	0	0	0	0	0	0
0.027991	0	0	0	0	0	0
0.040122	0	0	0	0	0	0
0.055688	0	0	0	0	0	0
0.0287	0	0	0	0	0	0
0.028499	0	0	0	0	0	0
0.089531	0	0	0	0	0	0
0.15353	0	0	0	0	0	0
0.007338	0	0	0	0	2	2
0.001008	0	0	0	0	0	0

0.000551	0	0	0	0	0	0
0.000437	0	0	0	0	0	0
0.000881	0	0	0	0	0	0
0.001184	0	0	0	0	0	0
0.000442	0	0	0	0	0	0
0.00043	0	0	0	0	0	0
0.000639	0	0	0	0	0	0
0.208985	0	0	0	0	0	0
0.094808	0	0	0	0	0	0
0.061883	0	0	0	0	0	0
0.06139	0	0	0	0	0	0
0.029843	0	0	0	0	0	0
0.048144	0	0	0	0	0	0
0.064896	0	0	0	0	0	0
0.053922	0	0	0	0	0	0
0.051514	0	0	0	0	0	0
0.005555	0	0	0	0	0	0
0.009068	0	0	0	0	0	0
0.039343	0	0	0	0	0	0
0.79476	0	0	0	0	0	0
0.020788	0	0	0	0	0	0
0.006411	0	0	0	0	0	0
0.034164	0	0	0	0	0	0
0.079826	0	0	0	0	0	0
0.052893	0	0	0	0	0	0
0.031827	0	0	0	0	0	0
0.045509	0	0	0	0	0	0
0.056544	0	0	0	0	0	0
0.058466	0	0	0	0	0	0
0.049063	0	0	0	0	3	3
0.004463	0	0	0	0	0	0
0.016737	0	0	0	0	0	0
0.006785	0	3	0	0	0	3
0.006341	0	0	0	0	0	0
0.005315	0	0	0	0	0	0
0.004655	0	0	0	0	0	0
0.005885	0	0	0	0	0	0
0.006701	0	0	0	0	0	0
0.012628	0	0	0	0	0	0
0.0049	0	0	0	0	0	0
0.007594	0	0	0	0	0	0
0.007791	0	0	0	0	0	0
0.05492	0	0	0	0	0	0
0.007849	0	0	0	0	0	0
0.011029	0	0	0	0	0	0
0.015403	0	0	0	0	0	0
0.008612	0	0	0	0	0	0
0.021545	0	0	0	0	0	0
0.01928	0	0	0	0	0	0
0.005744	0	0	0	0	0	0

0.020527	0	0	0	0	0	0
0.044675	0	0	0	0	0	0
0.064419	0	0	0	0	0	0
0.04255	0	0	0	0	3	3
0.021103	0	3	0	0	0	3
0.05182	0	0	0	0	0	0
0.020678	0	0	0	0	0	0
0.044036	0	0	0	0	0	0
0.029092	0	0	0	0	0	0
0.038836	0	0	0	0	0	0
0.025225	0	0	0	0	0	0
0.042379	0	0	0	0	0	0
0.041098	0	0	0	0	0	0
0.258884	0	0	0	0	0	0
0.016493	0	0	0	0	0	0
0.051906	0	0	0	0	0	0
0.046178	0	0	0	0	0	0
0.032392	0	0	0	0	0	0
0.045855	0	0	0	0	0	0
0.045412	0	0	0	0	0	0
0.053131	0	0	0	0	0	0
0.030742	0	0	0	0	0	0
0.05651	0	0	0	0	0	0
0.060346	0	0	0	0	0	0
0.063566	0	0	0	0	0	0
0.048372	0	0	0	0	0	0
0.046066	0	0	0	0	0	0
0.0643	0	0	0	0	0	0
0.066909	0	0	0	0	0	0
0.041204	0	0	0	0	0	0
0.034193	0	0	0	0	0	0
0.045988	0	0	0	0	0	0
0.029329	0	0	0	0	0	0
0.022591	0	0	0	0	0	0
0.044611	0	0	0	0	0	0
0.058427	0	0	0	0	0	0
0.047999	0	0	0	0	0	0
0.068143	0	0	0	0	0	0
0.033144	0	0	0	0	0	0
0.073416	0	0	0	0	0	0
0.607846	0	0	0	0	0	0
0.960154	0	0	0	0	0	0
0.28685	0	0	0	0	0	0
0.688171	0	0	0	0	0	0
0.078573	0	0	0	0	0	0
0.06913	0	0	0	0	0	0
0.061316	0	0	0	0	0	0
0.042403	0	0	0	0	0	0
0.067496	0	0	0	0	0	0
0.063222	0	0	0	0	0	0

0.049208	0	0	0	0	0	0
0.064901	0	0	0	0	0	0
0.054554	0	0	0	0	0	0
0.056948	0	0	0	0	0	0
0.042743	0	0	0	0	0	0
0.031742	0	0	0	0	0	0
0.042475	0	0	0	0	0	0
0.059362	0	0	0	0	0	0
0.074556	0	0	0	0	0	0
0.049829	0	0	0	0	0	0
0.270379	0	0	0	0	0	0
0.164393	0	0	0	0	0	0
0.286334	0	0	0	0	0	0
0.136187	0	0	0	0	0	0
0.077859	0	0	0	0	0	0
0.059017	0	0	0	0	0	0
0.082365	0	0	0	0	0	0
0.053629	0	0	0	0	0	0
0.063121	0	0	0	0	0	0
0.063079	0	0	0	0	0	0
0.051843	0	0	0	1	0	1
0.041286	0	0	0	0	0	0
0.039334	0	0	0	0	0	0
0.051552	0	0	0	0	0	0
0.055382	0	0	0	0	0	0
0.023735	0	0	0	0	0	0
0.045853	0	0	0	0	0	0
0.085109	0	0	0	0	0	0
0.03882	0	0	0	0	0	0
0.01812	0	0	0	0	0	0
0.030093	0	0	0	0	0	0
0.011769	0	0	0	0	0	0
0.060625	0	0	0	0	0	0
0.011214	0	0	0	0	0	0
0.015539	0	0	0	0	0	0
0.046883	0	0	0	0	0	0
0.014842	0	0	0	0	0	0
0.019041	0	0	0	0	0	0
0.023514	0	0	0	0	0	0
0.029439	0	0	0	0	0	0
0.780341	0.18	0	0	0	0	0
0.016764	0	0	0	0	0	0
0.016494	0	0	0	0	0	0
0.012959	0	0	0	0	0	0
0.051741	0	0	0	0	0	0
0.033535	0	0	0	0	0	0
0.021261	0	0	0	0	0	0
0.026455	0	0	0	0	0	0
0.077274	0	0	0	0	0	0
0.031521	0	0	0	0	0	0

0.059693	0	0	0	0	0	0
0.330463	0.08	0	0	0	0	0
0.022459	0	0	0	0	0	0
0.012182	0	0	0	0	0	0
0.009815	0	0	0	0	0	0
0.012012	0	0	0	0	0	0
0.067598	0	0	0	0	0	0
0.031003	0	0	0	0	0	0
0.018062	0	0	0	0	0	0
0.007768	0	0	0	0	0	0
0.33502	0	0	0	0	0	0
0.27294	0	0	0	0	0	0
0.041403	0	0	0	0	0	0
0.046461	0	0	0	0	0	0
0.048791	0	0	0	0	0	0
0.028056	0	0	0	0	0	0
0.029387	0	0	0	0	0	0
0.101704	0	0	0	0	0	0
0.084279	0	0	0	0	0	0
0.04638	0	0	0	0	0	0
0.057515	0	0	0	0	0	0
0.039465	0	0	0	0	0	0
0.078312	0	0	0	0	0	0
0.062206	0	0	0	0	0	0
0.063626	0	0	0	0	0	0
0.093729	0	0	0	0	0	0
0.15421	0	0	0	0	0	0
0.178546	0	0	0	0	0	0
0.07656	0	0	0	0	0	0
0.050951	0	0	0	0	0	0
0.074161	0	0	0	0	0	0
0.026756	0	0	0	0	0	0
0.041008	0	0	0	0	0	0
0.062408	0	0	0	0	0	0
0.057007	0	0	0	0	0	0
0.051586	0	0	0	0	0	0
0.0148	0	0	0	0	0	0
0.003105	0	0	0	0	0	0
0.003041	0	0	0	0	0	0
0.005471	0	0	0	0	0	0
0.003384	0	0	0	0	0	0
0.004112	0	0	0	0	0	0
0.006363	0	0	0	0	0	0
0.017298	0	0	0	0	0	0
0.016898	0	0	0	0	0	0
0.016573	0	0	0	0	0	0
0.006297	0	0	0	0	0	0
0.011059	0	0	0	0	0	0
0.009117	0	0	0	0	0	0
0.026054	0	0	0	0	0	0

0.028803	0	0	0	0	0	0
0.006268	0	0	0	0	0	0
0.051778	0	0	0	0	0	0
0.006591	0	0	0	0	0	0
0.006301	0	0	0	0	0	0
0.003422	0	0	0	0	0	0
0.003408	0	0	0	0	0	0
0.003982	0	0	0	0	0	0
0.049741	0	0	0	0	0	0
0.046968	0	0	0	0	0	0
0.059579	0	0	0	0	0	0
0.074385	0	0	0	0	0	0
0.039925	0	0	0	0	0	0
0.042141	0	0	0	0	0	0
0.048	0	0	0	0	0	0
0.047528	0	0	0	0	0	0
0.035063	0	0	0	0	0	0
0.033271	0	0	0	0	0	0
0.050277	0	0	0	0	0	0
0.022725	0	0	0	0	0	0
0.045455	0	0	0	0	5	5
0.064213	0	0	0	0	0	0
0.062639	0	0	0	0	0	0
0.046436	0	0	0	0	0	0
0.046559	0	0	0	0	0	0
0.00148	0	0	0	0	0	0
0.001114	0	0	0	0	0	0
0.00488	0	0	0	0	0	0
0.001684	0	0	0	0	0	0
0.001535	0	0	0	0	0	0
0.002235	0	0	0	0	0	0
0.001452	0	0	0	0	0	0
0.045432	0	0	0	0	0	0
0.016378	0	0	0	0	0	0
0.015904	0	0	0	0	0	0
0.021173	0	0	0	0	0	0
0.040763	0	0	0	0	0	0
0.013752	0	0	0	0	0	0
0.017368	0	0	0	0	0	0
0.037235	0	0	0	0	0	0
0.097532	0	0	0	0	0	0
0.031276	0	0	0	0	0	0
0.046754	0	0	0	0	0	0
0.055023	0	0	0	0	0	0
0.069445	0	0	0	0	0	0
0.038087	0	0	0	0	0	0
0.036617	0	0	0	0	0	0
0.053432	0	0	0	0	0	0
0.046223	0	0	0	0	0	0
0.0848	0	0	0	0	0	0



0.038132	0	0	0	0	0	0
0.053742	0	0	0	0	0	0
0.035373	0	0	0	0	0	0
0.030283	0	0	0	0	0	0
0.036648	0	0	0	0	0	0
0.042758	0	0	0	0	0	0
0.030077	0	0	0	0	0	0
0.022049	0	0	0	0	0	0
0.019581	0	0	0	0	0	0
0.022958	0	0	0	0	0	0
0.021739	0	0	0	0	0	0
0.063922	0	0	0	0	0	0
0.019353	0	0	0	0	0	0
0.043374	0	0	0	0	0	0
0.068582	0	0	0	0	0	0
0.075018	0	0	0	0	0	0
0.113986	0	0	0	0	0	0
0.044521	0	0	0	0	0	0
0.041252	0	0	0	0	0	0
0.038411	0	0	0	0	0	0
0.031743	0	0	0	0	0	0
0.033454	0	0	0	0	0	0
0.030173	0	0	0	0	0	0
0.033632	0	0	0	0	0	0
0.011638	0	0	0	0	0	0
0.032626	0	0	0	0	0	0
0.007575	0	0	0	0	0	0
0.007248	0	0	0	0	0	0
0.018897	0	0	0	0	0	0
0.004968	0	0	0	0	0	0
0.012878	0	0	0	0	0	0
0.011601	0	8	0	0	0	8
0.002287	0	0	0	0	0	0
0.000454	0	0	0	0	0	0
0.000558	0	0	0	0	0	0
0.001561	0	0	0	0	0	0
0.001787	0	0	0	0	0	0
0.003668	0	0	0	0	0	0
0.003727	0	0	0	0	0	0
0.050248	0	0	0	0	1	1
0.009202	0	1	0	0	0	1
0.01439	0	0	0	0	0	0
0.037742	0	0	0	0	0	0
0.01819	0	0	0	0	0	0
0.01284	0	0	0	0	0	0
0.027764	0	0	0	0	0	0
0.023174	0	0	0	0	0	0
0.089187	0	0	0	0	0	0
0.144423	0	0	0	0	0	0
0.058138	0	0	0	0	0	0

0.110011	0	0	0	0	0	0
0.187661	0.16	0	0	0	0	0
0.153628	0	0	0	0	0	0
0.14679	0	0	0	0	0	0
0.062788	0	0	0	0	0	0
0.184108	0	0	0	0	0	0
0.157944	0	0	0	0	0	0
0.022032	0	0	0	0	0	0
0.0144	0	0	0	0	0	0
0.01324	0	0	0	0	0	0
0.163919	0	0	0	0	0	0
0.118486	0	0	0	0	0	0
0.104547	0	0	0	0	0	0
0.262608	0	0	0	0	0	0
0.173938	0	0	0	0	0	0
0.064323	0	0	0	0	0	0
0.103889	0	0	0	0	0	0
0.110342	0	0	0	0	0	0
0.007865	0.01	0	0	0	0	0
0.003022	0	0	0	0	0	0
0.002978	0	0	0	0	0	0
0.005531	0	0	0	0	0	0
0.001636	0	0	0	0	0	0
0.002708	0	0	0	0	0	0
0.003043	0	0	0	0	0	0
0.025863	0	0	0	0	0	0
0.00762	0	0	0	0	0	0
0.018836	0	0	0	0	0	0
0.072441	0	0	0	0	0	0
0.002775	0	0	0	0	0	0
0.015805	0	0	0	0	0	0
0.002695	0	0	0	0	0	0
0.008797	0	0	0	0	0	0
0.007284	0	0	0	0	0	0
0.00912	0	0	0	0	0	0
0.008355	0	0	0	0	0	0
0.004297	0	0	0	0	0	0
0.383006	0.24	0	0	0	0	0
0.036412	0	0	0	0	0	0
0.008631	0	0	0	0	0	0
0.009187	0	0	0	0	0	0
0.088359	0	0	0	0	0	0
0.002654	0	0	0	0	0	0
0.117999	0	0	0	4	0	4
0.185052	0.01	0	0	0	3	3
0.080276	0	3	0	0	0	3
0.08338	0	0	0	0	0	0
0.018647	0	0	0	0	0	0
0.019815	0	0	0	0	0	0
0.01751	0	0	0	0	0	0

0.030403	0	0	0	0	0	0
0.031171	0	0	0	0	0	0
0.018776	0	0	0	0	0	0
0.09894	0	0	0	0	0	0
0.041521	0	0	0	0	1	1
0.344479	0	0	0	0	0	0
0.030616	0	0	0	0	0	0
0.023209	0	0	0	0	0	0
0.123728	0	0	0	0	0	0
0.072254	0	0	0	0	0	0
0.032561	0	0	0	0	0	0
0.03729	0	0	0	0	0	0
0.154002	0	0	0	0	0	0
0.087994	0	0	0	0	0	0
0.027039	0	0	0	0	0	0
0.081686	0	1	0	0	0	1
0.052544	0	0	0	0	0	0
0.019741	0	0	0	0	0	0
0.037286	0	0	0	0	0	0
0.039285	0	0	0	0	0	0
0.413887	0	0	0	0	0	0
0.037959	0	0	0	0	0	0
0.062482	0	0	0	0	0	0
0.084519	0	0	0	0	0	0
0.139723	0	0	0	0	0	0
0.050582	0	0	0	0	0	0
0.290999	0	0	0	0	0	0
0.012241	0	0	0	0	0	0
0.118625	0	0	0	0	0	0
0.019915	0	0	0	0	0	0
0.010791	0	0	0	0	0	0
0.010614	0	0	0	0	0	0
0.012799	0	0	0	0	0	0
0.00491	0	0	0	0	0	0
0.005758	0	0	0	0	0	0
0.017507	0	0	0	0	0	0
0.011523	0	0	0	0	0	0
0.019179	0	0	0	0	0	0
0.010105	0	0	0	0	0	0
0.015984	0	0	0	0	0	0
0.041852	0	0	0	0	0	0
0.015193	0	0	0	0	0	0
0.005679	0	0	0	0	0	0
0.006695	0	0	0	0	0	0
0.008615	0	0	0	0	0	0
0.008171	0	0	0	0	0	0
0.005463	0	0	0	0	0	0
0.078718	0	0	0	0	0	0
0.081096	0	0	0	0	0	0
0.019543	0	0	0	0	0	0

0.253501	0.02	0	0	0	0	0
0.052965	0	0	0	0	0	0
0.008361	0	0	0	0	0	0
0.010745	0	0	0	0	0	0
0.010285	0	0	0	0	0	0
0.012842	0	0	0	0	0	0
0.037649	0	0	0	0	0	0
0.069877	0	0	0	0	0	0
0.041653	0	0	0	0	0	0
0.065355	0	0	0	0	0	0
0.129809	0	0	0	0	0	0
0.058572	0	0	0	0	0	0
0.103521	0	0	0	0	0	0
0.086772	0	0	0	0	0	0
0.046077	0	0	0	0	0	0
0.088046	0	0	0	0	0	0
0.977543	0	0	0	0	0	0
0.292799	0	0	0	0	0	0
0.5491	0.01	0	0	0	0	0
0.483253	0	0	0	0	0	0
0.487128	0	0	0	0	0	0
0.163437	0	0	0	0	0	0
0.152473	0	0	0	0	0	0
0.16346	0	0	0	0	0	0
0.163238	0	0	0	0	0	0
0.063296	0	0	0	0	0	0
0.062018	0	0	0	0	0	0
0.096763	0	0	0	0	0	0
0.805735	0	0	0	0	0	0
0.326885	0.01	0	0	1	0	1
0.023285	0	0	0	0	0	0
0.109862	0	0	0	0	0	0
0.113757	0	0	0	0	0	0
0.052002	0	0	0	0	0	0
0.04427	0	0	0	0	0	0
0.027773	0	0	0	0	0	0
0.058306	0	0	0	0	0	0
0.020825	0	0	0	0	0	0
0.029679	0	0	0	0	0	0
0.071027	0	0	0	0	0	0
0.068602	0	0	0	0	0	0
0.017251	0	0	0	0	0	0
0.034607	0	0	0	0	0	0
0.061608	0	0	0	0	0	0
0.028652	0	0	0	0	0	0
0.111606	0	0	0	0	0	0
0.266245	0	0	0	0	0	0
0.094558	0	0	0	0	0	0
0.101261	0	0	0	0	0	0
0.025246	0	0	0	0	0	0

0.138195	0	0	0	0	0	0
0.056257	0	0	0	0	0	0
0.064532	0	0	0	0	0	0
0.089598	0	0	0	0	0	0
0.198204	0.07	0	0	0	0	0
0.058328	0	0	0	0	0	0
0.065944	0	0	0	0	0	0
0.061456	0	0	0	0	0	0
0.028694	0	0	0	0	0	0
0.010725	0	0	0	0	0	0
0.051989	0	0	0	0	0	0
0.071684	0	0	0	0	0	0
0.525409	0	0	0	0	0	0
0.054532	0	1	0	0	0	1
0.108009	0	0	0	0	0	0
0.089318	0	0	0	0	0	0
0.797716	0.15	0	0	0	0	0
0.013812	0	0	0	0	0	0
0.010708	0	0	0	0	0	0
0.033527	0	0	0	0	0	0
0.023922	0	0	0	0	0	0
0.021525	0	0	0	0	0	0
0.140268	0	0	0	0	0	0
0.046175	0	0	0	0	0	0
0.048469	0	0	0	0	0	0
0.034156	0	0	0	0	0	0
0.055039	0	0	0	0	0	0
0.049575	0	0	0	0	0	0
0.068699	0	0	0	0	0	0
0.059352	0	0	0	0	0	0
0.024598	0	0	0	0	0	0
0.019624	0	0	0	0	0	0
0.01307	0	0	0	0	0	0
0.01625	0	0	0	0	0	0
0.014362	0	0	0	0	0	0
0.037901	0	0	0	0	0	0
0.019444	0	0	0	0	0	0
0.027035	0	0	0	0	0	0
0.025026	0	0	0	0	0	0
0.024627	0	0	0	0	0	0
0.047272	0	0	0	0	0	0
0.069673	0	0	0	0	0	0
0.012459	0	0	0	0	0	0
0.180997	0.03	0	0	0	0	0
0.064033	0	0	0	0	0	0
0.008562	0	0	0	0	0	0
0.017304	0	0	0	0	0	0
0.021503	0	0	0	0	0	0
0.01193	0	0	0	0	0	0
0.020327	0	0	0	0	0	0

0.016197	0	0	0	0	0	0
0.002533	0	0	0	0	0	0
0.002733	0	0	0	0	0	0
0.002977	0	0	0	0	0	0
0.018157	0	0	0	0	4	4
0.009171	0	4	0	0	0	4
0.021833	0	0	0	0	0	0
0.016361	0	0	0	0	0	0
0.009613	0	0	0	0	0	0
0.005819	0	0	0	0	0	0
0.007537	0.01	0	0	0	0	0
0.004712	0.08	0	0	0	0	0
0.037368	0.12	0	0	0	0	0
0.010289	0.02	0	0	0	2	2
0.022814	0.02	2	0	0	0	2
0.058555	0	0	0	0	0	0
0.059486	0	0	0	0	0	0
0.098714	0	0	0	0	0	0
0.120286	0.01	0	0	0	0	0
0.021378	0	0	0	0	0	0
0.075794	0	0	0	0	0	0
0.023619	0	0	0	0	0	0
0.010534	0	0	0	0	0	0
0.004811	0	0	0	0	0	0
0.003484	0	0	0	0	0	0
0.003772	0	0	0	0	0	0
0.004877	0	0	0	0	0	0
0.009964	0	0	0	0	0	0
0.006706	0	0	0	0	0	0
0.005853	0	0	0	0	0	0
0.006045	0	0	0	0	0	0
0.012768	0	0	0	0	0	0
0.012023	0	0	0	0	0	0
0.018294	0	0	0	0	0	0
0.006418	0	0	0	0	0	0
0.006952	0	0	0	0	0	0
0.006802	0	0	0	0	0	0
0.002652	0	0	0	0	0	0
0.004827	0	0	0	0	0	0
0.003405	0	0	0	0	0	0
0.003269	0	0	0	0	0	0
0.001606	0	0	0	0	0	0
0.006741	0	0	0	0	0	0
0.004801	0	0	0	0	0	0
0.179017	0	0	0	0	0	0
0.005233	0	0	0	0	0	0
0.007515	0	0	0	0	0	0
0.004168	0	0	0	0	0	0
0.003019	0	0	0	0	0	0
0.002583	0	0	0	0	0	0

0.002527	0	0	0	0	0	0
0.00307	0	0	0	0	0	0
0.004299	0	0	0	0	0	0
0.003386	0	0	0	0	0	0
0.010976	0	0	0	0	0	0
0.030582	0	0	0	0	0	0
0.015419	0	0	0	0	0	0
0.043874	0	0	0	0	0	0
0.010959	0	0	0	0	0	0
0.097526	0	0	0	0	0	0
0.01638	0	0	0	0	0	0
0.013139	0	0	0	0	0	0
0.042938	0	0	0	0	0	0
0.052616	0	0	0	0	0	0
0.016324	0	0	0	0	0	0
0.007314	0	0	0	0	0	0
0.011256	0	0	0	0	0	0
0.022795	0	0	0	0	0	0
0.015849	0	0	0	0	0	0
0.008978	0	0	0	0	0	0
0.017272	0	0	0	0	0	0
0.016794	0	0	0	0	0	0
0.017172	0	0	0	0	0	0
0.014071	0	0	0	0	0	0
0.03195	0	0	0	0	0	0
0.010059	0	0	0	0	0	0
0.009464	0	0	0	0	0	0
0.014791	0	0	0	0	0	0
0.009798	0	0	0	0	0	0
0.045359	0	0	0	0	0	0
0.008936	0	0	0	0	0	0
0.010172	0	0	0	0	0	0
0.012132	0	0	0	0	0	0
0.013636	0	0	0	0	0	0
0.013222	0	0	0	0	0	0
0.02772	0	0	0	0	0	0
0.013108	0	0	0	0	0	0
0.006689	0	0	0	0	0	0
0.006872	0	0	0	0	0	0
0.011265	0	0	0	0	0	0
0.019828	0	0	0	0	0	0
0.023969	0	0	0	0	0	0
0.006898	0	0	0	0	0	0
0.032606	0	0	0	0	0	0
0.019216	0	0	0	0	0	0
0.011855	0	0	0	0	0	0
0.033323	0	0	0	0	0	0
0.014387	0	0	0	0	0	0
0.012052	0	0	0	0	0	0
0.014374	0	0	0	0	0	0

0.114499	0	0	0	0	0	0
0.011286	0	0	0	0	0	0
0.014588	0	0	0	0	0	0
0.020873	0	0	0	0	0	0
0.061879	0	0	0	0	0	0
0.029379	0	0	0	0	0	0
0.045146	0	0	0	0	0	0
0.06784	0	0	0	0	0	0
0.034825	0	0	0	0	0	0
0.112175	0	0	0	0	0	0
0.018855	0	0	0	0	0	0
0.040699	0	0	0	0	0	0
0.029578	0	0	0	0	0	0
0.022565	0	0	0	0	0	0
0.031904	0	0	0	0	0	0
0.013967	0	0	0	0	0	0
0.013822	0	0	0	0	0	0
0.014595	0	0	0	0	0	0
0.022862	0	0	0	0	0	0
0.003611	0	0	0	0	0	0
0.012589	0	0	0	0	0	0
0.019743	0.33	0	0	0	0	0
0.003286	0.13	0	0	0	0	0
0.003066	0	0	0	0	0	0
0.002504	0	0	0	0	0	0
0.009485	0	0	0	0	0	0
0.003625	0	0	0	0	0	0
0.007881	0	0	0	0	0	0
0.012322	0	0	0	0	0	0
0.050306	0	0	0	0	0	0
0.021593	0	0	0	0	0	0
0.187625	0	0	0	0	0	0
0.045231	0	0	0	0	0	0
0.039175	0	0	0	0	0	0
0.031105	0	0	0	0	0	0
0.04992	0	0	0	0	0	0
0.050664	0	0	0	0	0	0
0.041465	0	0	0	0	0	0
0.029922	0	0	0	0	0	0
0.015652	0	0	0	0	0	0
0.128976	0	0	0	0	0	0
0.064957	0	0	0	0	0	0
0.312471	0	0	0	0	0	0
0.114001	0	0	0	0	0	0
0.076237	0	0	0	0	0	0
0.023739	0	0	0	0	0	0
0.026187	0	0	0	0	0	0
0.061199	0	0	0	0	0	0
0.107342	0	0	0	0	0	0
0.059028	0	0	0	0	0	0



0.075466	0	0	0	0	0	0
0.047142	0	0	0	0	0	0
0.039225	0	0	0	0	0	0
0.03118	0	0	0	0	0	0
0.061081	0	0	0	0	0	0
0.103659	0	0	0	0	0	0
0.033619	0	0	0	0	0	0
0.045707	0	0	0	0	0	0
0.042949	0	0	0	0	0	0
0.023035	0	0	0	0	0	0
0.031774	0	0	0	0	0	0
0.05548	0	0	0	0	0	0
0.066589	0	0	0	0	0	0
0.047059	0	0	0	0	0	0
0.048085	0	0	0	0	0	0
0.058483	0	0	0	0	0	0
0.054487	0	0	0	0	0	0
0.099486	0	0	0	0	0	0
0.03263	0	0	0	0	0	0
0.01446	0	0	0	0	0	0
0.021064	0	0	0	0	0	0
0.024182	0	0	0	0	0	0
0.019879	0	0	0	0	0	0
0.021657	0	0	0	0	0	0
0.016177	0	0	0	0	0	0
0.005899	0	0	0	0	0	0
0.006944	0	0	0	0	0	0
0.020208	0	0	0	0	0	0
0.030732	0	0	0	0	0	0
0.005578	0	0	0	0	0	0
0.080932	0	0	0	0	5	5
0.003755	0	5	0	0	0	5
0.006549	0	0	0	0	0	0
0.023851	0	0	0	0	0	0
0.021279	0	0	0	0	0	0
0.012164	0	0	0	0	0	0
0.017137	0	0	0	0	0	0
0.015282	0	0	0	0	0	0
0.013664	0	0	0	0	0	0
0.015124	0	0	0	0	0	0
0.033086	0	0	0	0	0	0
0.018124	0	0	0	0	0	0
0.018923	0	0	0	0	0	0
0.053076	0	0	0	0	0	0
0.026416	0	0	0	0	0	0
0.02338	0	0	0	0	0	0
0.052998	0	0	0	0	0	0
0.015777	0	0	0	0	0	0
0.013299	0	0	0	0	0	0
0.023863	0	0	0	0	0	0

0.016861	0	0	0	0	0	0
0.020922	0	0	0	0	0	0
0.011395	0	0	0	0	0	0
0.013761	0	0	0	0	0	0
0.007446	0	0	0	0	0	0
0.032639	0	0	0	0	0	0
0.011945	0	0	0	0	0	0
0.030005	0	0	0	0	0	0
0.00938	0	0	0	0	0	0
0.028061	0	0	0	0	0	0
0.030804	0	0	0	0	0	0
0.028414	0	0	0	0	0	0
0.028405	0	0	0	0	0	0
0.021881	0	0	0	0	0	0
0.031483	0	0	0	0	0	0
0.024795	0	0	0	0	0	0
0.030503	0	0	0	0	0	0
0.014345	0	0	0	0	0	0
0.008488	0	0	0	0	0	0
0.009796	0	0	0	0	0	0
0.086773	0	0	0	0	0	0
0.012104	0	0	0	0	0	0
0.031092	0	0	0	0	0	0
0.034587	0	0	0	0	0	0
0.010907	0	0	0	0	0	0
0.011481	0	0	0	0	0	0
0.019226	0	0	0	0	0	0
0.020181	0	0	0	0	0	0
0.010279	0	0	0	0	0	0
0.006012	0	0	0	0	0	0
0.012558	0	0	0	0	0	0
0.005738	0	0	0	0	0	0
0.010721	0	0	0	0	0	0
0.05243	0	0	0	0	0	0
0.029016	0	0	0	0	0	0
0.023567	0	0	0	0	0	0
0.014598	0	0	0	0	0	0
0.030506	0	0	0	0	0	0
0.019084	0	0	0	0	0	0
0.01717	0	0	0	0	0	0
0.013009	0	0	0	0	0	0
0.013489	0	0	0	0	0	0
0.085451	0	0	0	0	0	0
0.039904	0	0	0	0	0	0
0.008062	0	0	0	0	0	0
0.015342	0	0	0	0	0	0
0.033368	0	0	0	0	0	0
0.018655	0	0	0	0	0	0
0.042764	0	0	0	0	0	0
0.004875	0	0	0	0	0	0

0.020838	0	0	0	0	0	0
0.010009	0	0	0	0	0	0
0.007885	0	0	0	0	0	0
0.007837	0	0	0	0	0	0
0.008475	0	0	0	0	0	0
0.016531	0	0	0	0	0	0
0.012628	0	0	0	0	0	0
0.007976	0	0	0	0	0	0
0.061088	0	0	0	0	0	0
0.050783	0	0	0	0	0	0
0.178042	0	0	0	0	0	0
0.106236	0	0	0	0	0	0
0.045577	0	0	0	0	0	0
0.139682	0	0	0	0	0	0
0.215926	0	0	0	0	0	0
0.04795	0	0	0	0	0	0
0.062722	0	0	0	0	0	0
0.026028	0	0	0	0	0	0
0.041692	0	0	0	0	0	0
0.026433	0	0	0	0	0	0
0.131089	0	0	0	0	0	0
0.290519	0	0	0	0	0	0
0.30362	0	0	0	0	0	0
0.081982	0	0	0	0	0	0
0.057639	0	0	0	0	0	0
0.052252	0	0	0	0	0	0
0.297403	0	0	0	0	0	0
0.157459	0	0	0	0	0	0
0.060253	0	0	0	0	0	0
0.096203	0	0	0	0	0	0
0.023872	0	0	0	0	0	0
0.014678	0	0	0	0	0	0
0.013842	0	0	0	0	0	0
0.007459	0	0	0	0	0	0
0.008567	0	0	0	0	0	0
0.00778	0	0	0	0	0	0
0.008416	0	0	0	0	0	0
0.008649	0	0	0	0	0	0
0.010081	0	0	0	0	0	0
0.010036	0	0	0	0	0	0
0.007719	0	0	0	0	0	0
0.022603	0	0	0	0	0	0
0.010316	0	0	0	0	0	0
0.005324	0	0	0	0	0	0
0.00807	0	0	0	0	0	0
0.030238	0	0	0	0	0	0
0.020932	0	0	0	0	0	0
0.011902	0	0	0	0	0	0
0.016938	0	0	0	0	0	0
0.008764	0	0	0	0	0	0

0.016389	0	0	0	0	0	0
0.011837	0	0	0	0	0	0
0.005032	0	2	0	0	0	2
0.00583	0	0	0	0	0	0
0.03021	0	0	0	0	0	0
0.003811	0	0	0	0	0	0
0.004535	0	0	0	0	0	0
0.006094	0	0	0	0	0	0
0.003589	0	0	0	0	0	0
0.003062	0	0	0	0	0	0
0.090797	0.02	0	0	0	0	0
0.005705	0	0	0	0	0	0
0.003578	0	0	0	0	0	0
0.005802	0	0	0	0	0	0
0.004034	0	0	0	0	0	0
0.006243	0	0	0	0	0	0
0.004151	0	0	0	0	0	0
0.002403	0	0	0	0	0	0
0.009001	0	0	0	0	0	0
0.00971	0	0	0	0	0	0
0.02577	0	0	0	0	0	0
0.007549	0	0	0	0	0	0
0.006123	0	0	0	0	0	0
0.032406	0	0	0	0	0	0
0.006332	0	0	0	0	0	0
0.006801	0	0	0	0	0	0
0.005611	0	0	0	0	0	0
0.035943	0	0	0	0	0	0
0.003127	0	0	0	0	0	0
0.001398	0	0	0	0	0	0
0.043016	0	0	0	0	0	0
0.013288	0	0	0	0	0	0
0.022578	0	0	0	0	0	0
0.013965	0	0	0	0	0	0
0.016509	0	0	0	0	0	0
0.01221	0	0	0	0	0	0
0.02383	0	0	0	0	0	0
0.016441	0	0	0	0	0	0
0.010921	0	0	0	0	0	0
0.009683	0	0	0	0	0	0
0.015241	0	0	0	0	0	0
0.020949	0	0	0	0	0	0
0.007324	0	0	0	0	0	0
0.0233	0	0	0	0	0	0
0.053393	0	0	0	0	0	0
0.008002	0	0	0	0	0	0
0.003785	0	0	0	0	0	0
0.030788	0	0	0	0	0	0
0.013921	0	0	0	0	0	0
0.017772	0	0	0	0	0	0

0.02743	0	0	0	0	0	0
0.025075	0	0	0	0	0	0
0.017388	0	0	0	0	0	0
0.017962	0	0	0	0	0	0
0.016785	0	0	0	0	0	0
0.053619	0	0	0	0	0	0
0.051793	0	0	0	0	0	0
0.037149	0	0	0	0	0	0
0.062241	0	0	0	0	0	0
0.038623	0	0	0	0	0	0
0.027363	0	0	0	0	0	0
0.080631	0	0	0	0	0	0
0.06814	0	0	0	0	0	0
0.06166	0	0	0	0	0	0
0.037633	0	0	0	0	0	0
0.029207	0	0	0	0	0	0
0.030177	0	0	0	0	0	0
0.104421	0	0	0	0	0	0
0.027195	0	0	0	0	0	0
0.026581	0	0	0	0	0	0
0.042758	0	0	0	0	0	0
0.070723	0	0	0	0	0	0
0.062357	0	0	0	0	0	0
0.052814	0	0	0	0	0	0
0.050508	0	0	0	0	0	0
0.045046	0	0	0	0	0	0
0.031595	0	0	0	0	0	0
0.039266	0	0	0	0	0	0
0.084483	0	0	0	0	0	0
0.044357	0	0	0	0	0	0
0.039478	0	0	0	0	0	0
0.021989	0	0	0	0	0	0
0.049438	0	0	0	0	0	0
0.024704	0	0	0	0	0	0
0.0212	0	0	0	0	0	0
0.017325	0	0	0	0	0	0
0.031459	0	0	0	0	0	0
0.02749	0	0	0	0	0	0
0.034175	0	0	0	0	0	0
0.008268	0	0	0	0	0	0
0.018578	0	0	0	0	0	0
0.015879	0	0	0	0	0	0
0.010626	0	0	0	0	0	0
0.072985	0	0	0	0	0	0
0.058061	0	0	0	0	0	0
0.037022	0	0	0	0	0	0
0.037871	0	0	0	0	0	0
0.040074	0	0	0	0	0	0
0.032163	0	0	0	0	0	0
0.033585	0	0	0	0	0	0

0.02565	0	0	0	0	0	0
0.039677	0	0	0	0	0	0
0.03387	0	0	0	0	0	0
0.024827	0	0	0	0	0	0
0.042553	0	0	0	0	0	0
0.046295	0	0	0	0	0	0
0.03635	0	0	0	0	0	0
0.025083	0	0	0	0	0	0
0.103426	0	0	0	0	0	0
0.056382	0	0	0	0	0	0
0.057943	0	0	0	0	0	0
0.080729	0	0	0	0	0	0
0.034374	0	0	0	0	0	0
0.019788	0	0	0	0	0	0
0.066811	0	0	0	0	0	0
0.09825	0	0	0	0	0	0
0.047969	0	0	0	0	0	0
0.061559	0	0	0	0	0	0
0.075595	0	0	0	0	0	0
0.054028	0	0	0	0	0	0
0.085907	0	0	0	0	0	0
0.052129	0	0	0	0	0	0
0.176476	0	0	0	0	0	0
0.062826	0	0	0	0	0	0
0.068491	0	0	0	0	0	0
0.060659	0	0	0	0	0	0
0.043126	0	0	0	0	0	0
0.046932	0	0	0	0	0	0
0.058203	0	0	0	0	0	0
0.049103	0	0	0	0	0	0
0.038632	0	0	0	0	0	0
0.049475	0	0	0	0	0	0
0.075192	0	0	0	0	0	0
0.053462	0	0	0	0	0	0
0.049507	0	0	0	0	0	0
0.028496	0	0	0	0	0	0
0.043367	0	0	0	0	0	0
0.050164	0	0	0	0	0	0
0.046234	0	0	0	0	0	0
0.030796	0	0	0	0	0	0
0.040449	0	0	0	0	0	0
0.038562	0	0	0	0	0	0
0.166061	0	0	0	0	0	0
0.058344	0	0	0	0	0	0
0.036054	0	0	0	0	0	0
0.023979	0	0	0	0	0	0
0.026242	0	0	0	0	0	0
0.033765	0	0	0	0	0	0
0.045716	0	0	0	0	0	0
0.057741	0	0	0	0	0	0

0.026579	0	0	0	0	0	0
0.021562	0	0	0	0	0	0
0.023156	0	0	0	0	0	0
0.027148	0	0	0	0	0	0
0.018424	0	0	0	0	0	0
0.032237	0	0	0	0	0	0
0.025076	0	0	0	0	0	0
0.03882	0	0	0	0	0	0
0.033044	0	0	0	0	0	0
0.066637	0	0	0	0	0	0
0.049412	0	0	0	0	0	0
0.030992	0	0	0	0	0	0
0.011115	0	0	0	0	0	0
0.010845	0	0	0	0	0	0
0.023082	0	0	0	0	0	0
0.02196	0	0	0	0	0	0
0.012572	0	0	0	0	0	0
0.010606	0	0	0	0	0	0
0.026791	0	0	3	0	0	3
0.050794	0	0	0	0	0	0
0.049479	0	0	0	0	4	4
0.042343	0	4	0	0	0	4
0.042053	0	0	0	0	0	0
0.047289	0	0	0	0	0	0
0.056529	0	0	0	0	0	0
0.049641	0	0	0	0	0	0
0.063953	0	0	0	0	0	0
0.071824	0	0	0	0	0	0
0.049184	0	0	0	0	0	0
0.056784	0	0	0	0	0	0
0.039892	0	0	0	0	0	0
0.031678	0	0	0	0	0	0
0.040294	0	0	0	0	0	0
0.025796	0	0	0	0	0	0
0.031696	0	0	0	0	0	0
0.157145	0	0	0	0	0	0
0.045074	0	0	0	0	0	0
0.037221	0	0	0	0	0	0
0.039683	0	0	0	0	0	0
0.022351	0	0	0	0	0	0
0.071659	0	0	0	0	0	0
0.022237	0	0	0	0	0	0
0.03681	0	0	0	0	0	0
0.02907	0	0	0	0	0	0
0.053989	0	0	0	0	0	0
0.046775	0	0	0	0	0	0
0.040059	0	0	0	0	0	0
0.019245	0	0	0	0	0	0
0.013118	0	0	0	0	0	0
0.018858	0	0	0	0	0	0

0.072448	0	0	0	0	0	0
0.059853	0	0	0	0	0	0
0.059337	0	0	0	0	0	0
0.030058	0	0	0	0	0	0
0.108517	0	0	0	0	0	0
0.098615	0	0	0	0	0	0
0.033352	0	0	0	0	0	0
0.00426	0	0	0	0	0	0
0.04794	0	0	0	0	0	0
0.007391	0	0	0	0	0	0
0.005553	0	0	0	0	0	0
0.005507	0	0	0	0	0	0
0.005706	0	0	0	0	0	0
0.020346	0	0	0	0	0	0
0.020189	0	0	0	0	0	0
0.027286	0	0	0	0	0	0
0.026939	0	0	0	0	0	0
0.024217	0	0	0	0	0	0
0.021546	0	0	0	0	0	0
0.017391	0	0	0	0	0	0
0.014883	0	0	0	0	0	0
0.009096	0	0	0	0	0	0
0.011304	0	0	0	0	0	0
0.099604	0	0	0	0	0	0
0.027176	0	0	0	0	0	0
0.049167	0	0	0	0	0	0
0.014637	0	0	0	0	0	0
0.023716	0	0	0	0	0	0
0.011689	0	0	0	0	0	0
0.013774	0	0	0	0	0	0
0.013428	0	0	0	0	0	0
0.025696	0	0	0	0	0	0
0.026739	0	0	0	0	0	0
0.039025	0	0	0	0	0	0
0.027229	0	0	0	0	0	0
0.026995	0	0	0	0	0	0
0.019158	0	0	0	0	0	0
0.020087	0	0	0	0	0	0
0.059921	0	0	0	0	0	0
0.044444	0	0	0	0	0	0
0.045783	0	0	0	0	0	0
0.042705	0	0	0	0	0	0
0.056479	0	0	0	0	0	0
0.034457	0	0	0	0	0	0
0.032833	0	0	0	0	0	0
0.028485	0	0	0	0	0	0
0.017219	0	0	0	0	0	0
0.021452	0	0	0	0	0	0
0.052519	0	0	0	0	0	0
0.070176	0	0	0	0	0	0



0.059905	0	0	0	0	0	0
0.05	0	0	0	0	0	0
0.035181	0	0	0	0	0	0
0.062864	0	0	0	0	0	0
0.055462	0	0	0	0	0	0
0.04634	0	0	0	0	0	0
0.070055	0	0	0	0	0	0
0.042754	0	0	0	0	0	0
0.016844	0	0	0	0	0	0
0.042445	0	0	0	0	0	0
0.03574	0	0	0	0	0	0
0.036451	0	0	0	0	0	0
0.056722	0	0	0	0	0	0
0.060264	0	0	0	0	0	0
0.052449	0	0	0	0	0	0
0.031885	0	0	0	0	0	0
0.05883	0	0	0	0	0	0
0.031926	0	0	0	0	0	0
0.016298	0	0	0	0	0	0
0.021969	0	0	0	0	0	0
0.010736	0	0	0	0	0	0
0.011268	0	0	0	0	0	0
0.009185	0	0	0	0	0	0
0.052776	0	0	0	0	0	0
0.0049	0	0	0	0	0	0
0.020181	0	0	0	0	0	0
0.021444	0	0	0	0	0	0
0.001956	0	0	0	0	0	0
0.007758	0	0	0	0	0	0
0.007214	0	0	0	0	0	0
0.008707	0	0	0	0	0	0
0.003452	0	0	0	0	0	0
0.00374	0	0	0	0	0	0
0.010414	0	0	0	0	0	0
0.007212	0	0	0	0	0	0
0.002978	0	0	0	0	0	0
0.002846	0	0	0	0	0	0
0.006054	0	0	0	0	0	0
0.002922	0	0	0	0	0	0
0.002805	0	0	0	0	0	0
0.003034	0	0	0	0	0	0
0.005279	0	0	0	0	0	0
0.006513	0	0	0	0	0	0
0.0059	0	0	0	0	0	0
0.040815	0	0	0	0	0	0
0.048334	0	0	0	0	0	0
0.003407	0	0	0	0	0	0
0.007448	0	0	0	0	0	0
0.005054	0	0	0	0	0	0
0.006891	0	0	0	0	0	0

0.037667	0	0	0	0	0	0
0.019889	0	0	0	0	0	0
0.018538	0	0	0	0	0	0
0.005699	0	0	0	0	0	0
0.01546	0	0	0	0	0	0
0.005496	0	0	0	0	0	0
0.009592	0	0	0	0	0	0
0.00572	0	0	0	0	0	0
0.002125	0	0	0	0	0	0
0.002904	0	0	0	0	0	0
0.001499	0	0	0	0	0	0
0.000501	0	0	0	0	0	0
0.000964	0	0	0	0	0	0
0.001463	0	0	0	0	0	0
0.002292	0	0	0	0	0	0
0.003969	0	0	0	0	0	0
0.008019	0	0	0	0	0	0
0.002257	0	0	0	0	0	0
0.003633	0	0	0	0	0	0
0.00155	0	0	0	0	0	0
0.002691	0	0	0	0	0	0
0.124002	0	0	0	0	0	0
0.070428	0	0	0	4	0	4
0.082117	0	0	10	0	0	10
0.631302	0	0	0	0	0	0
0.032325	0	0	0	0	0	0
0.015727	0	0	0	0	0	0
0.014768	0	0	0	0	0	0
0.052882	0	0	0	0	0	0
0.038158	0	0	0	0	0	0
0.011964	0	0	0	0	0	0
0.011164	0	0	0	0	0	0
0.010278	0	0	0	0	0	0
0.011683	0	0	0	0	0	0
0.06706	0	0	0	0	0	0
0.080653	0	0	0	0	0	0
0.019241	0	0	0	0	0	0
0.043604	0	0	0	0	0	0
0.016909	0	0	0	0	0	0
0.021252	0	0	0	0	0	0
0.013159	0	0	0	0	0	0
0.019512	0	0	7	0	0	7
0.010963	0	0	0	0	0	0
0.035554	0	0	0	0	0	0
0.036573	0	0	0	0	0	0
0.03353	0	0	0	0	0	0
0.024801	0	0	0	0	0	0
0.040121	0	0	0	0	0	0
0.022026	0	0	0	0	0	0
0.016883	0	0	0	0	0	0

0.588079	0	0	0	0	0	0
0.096451	0	0	0	0	0	0
0.053868	0	0	0	0	0	0
0.055977	0	0	0	0	0	0
0.04771	0	0	0	0	0	0
0.036372	0	0	0	0	0	0
0.056509	0	0	0	0	0	0
0.05551	0	0	0	0	0	0
0.063658	0	0	0	0	0	0
0.042659	0	0	0	0	0	0
0.048367	0	0	0	0	0	0
0.052692	0	0	0	0	0	0
0.046646	0	0	0	0	0	0
0.056361	0	0	0	0	0	0
0.038432	0	0	0	0	0	0
0.050635	0	0	0	0	0	0
0.050817	0	0	0	0	0	0
0.048555	0	0	0	0	0	0
0.055137	0	0	0	0	0	0
0.00876	0	0	0	0	0	0
0.003662	0	0	0	0	0	0
0.014399	0	0	0	0	0	0
0.05073	0	0	0	0	0	0
0.021222	0	0	0	0	0	0
0.023434	0	0	0	0	0	0
0.030696	0	0	0	0	0	0
0.046949	0	0	0	0	0	0
0.036329	0	0	0	9	25	34
0.299865	0	0	0	0	0	0
0.066411	0	0	0	0	0	0
0.059887	0	0	0	0	0	0
0.122984	0	0	0	0	0	0
0.009996	0	0	0	0	0	0
0.02433	0	0	0	0	0	0
0.038602	0	0	0	0	0	0
0.115952	0	0	0	0	0	0
0.042413	0	0	0	0	0	0
0.041134	0	0	0	0	0	0
0.045278	0	0	0	0	0	0
0.030543	0	0	0	0	0	0
0.021743	0	0	0	0	0	0
0.00197	0	0	0	0	0	0
0.004993	0	0	0	0	0	0
0.001407	0	0	0	0	0	0
0.001711	0	0	0	0	0	0
0.001078	0	0	0	0	0	0
0.00075	0	0	0	0	0	0
0.002079	0	0	0	0	0	0
0.002437	0	0	0	0	0	0
0.016422	0	0	0	0	0	0

0.001098	0	0	0	0	0	0
0.000863	0	0	0	0	0	0
0.004756	0	0	0	0	0	0
0.000753	0	0	0	0	0	0
0.000842	0	0	0	0	0	0
0.11515	0	0	0	0	0	0
0.016492	0	0	0	0	0	0
0.014446	0	0	0	0	0	0
0.015754	0	0	0	0	0	0
0.038848	0	0	0	0	0	0
0.098803	0	0	0	0	0	0
0.029992	0	0	0	0	0	0
0.015619	0	0	0	0	0	0
0.01039	0	0	0	0	0	0
0.021262	0	6	0	0	0	6
0.044075	0	0	0	0	0	0
0.058948	0	0	0	0	0	0
0.050784	0	0	0	0	0	0
0.036909	0	0	0	0	0	0
0.037692	0	0	0	0	0	0
0.026088	0	0	0	0	0	0
0.056283	0	0	0	0	0	0
0.048585	0	0	2	0	1	3
0.024174	0	0	0	0	0	0
0.02346	0	0	0	0	0	0
0.020854	0	0	0	0	0	0
0.026932	0	0	0	0	0	0
0.022391	0	0	0	0	0	0
0.01993	0	0	0	0	0	0
0.02418	0	0	0	0	0	0
0.024332	0	0	0	0	0	0
0.015551	0	0	0	0	0	0
0.031393	0	0	0	0	0	0
0.019427	0	1	0	0	0	1
0.042892	0	0	0	0	0	0
0.018737	0	0	0	0	0	0
0.014446	0	0	0	0	2	2
0.011797	0	2	0	0	0	2
0.028783	0	0	0	0	0	0
0.012692	0	0	0	0	0	0
0.015244	0	0	0	0	0	0
0.094596	0	0	0	0	0	0
0.036704	0	0	0	0	0	0
0.040898	0	0	0	0	0	0
0.04057	0	0	0	0	0	0
0.030117	0	0	0	0	0	0
0.017615	0	0	0	0	0	0
0.018183	0	0	0	0	0	0
0.015848	0	0	0	0	0	0
0.039283	0	0	0	0	0	0

0.065975	0	0	0	0	0	0
0.017513	0	0	0	0	0	0
0.016686	0	0	0	0	0	0
0.018094	0	0	0	0	0	0
0.018007	0	0	0	0	0	0
0.021694	0	0	0	0	9	9
0.020185	0	0	0	0	0	0
0.014289	0	0	0	0	0	0
0.016186	0	0	0	0	0	0
0.013233	0	0	0	0	0	0
0.014153	0	0	0	0	0	0
0.013896	0	0	0	0	0	0
0.012792	0	0	0	0	0	0
0.014737	0	0	0	0	0	0
0.012184	0	0	0	0	0	0
0.011724	0	0	0	0	0	0
0.027114	0	9	0	0	8	17
0.019085	0	0	0	0	0	0
0.019625	0	0	0	0	0	0
0.020369	0	0	0	0	0	0
0.01824	0	0	0	0	0	0
0.010973	0	0	0	0	0	0
0.00743	0	0	0	0	0	0
0.009121	0	0	0	0	0	0
0.008602	0	0	0	0	0	0
0.015089	0	0	0	0	0	0
0.026299	0	0	0	0	0	0
0.025843	0	8	0	0	12	20
0.134033	0	0	0	0	0	0
0.0181	0	0	0	0	0	0
0.010107	0	0	0	0	0	0
0.004807	0	0	0	0	0	0
0.017538	0	0	0	0	0	0
0.004756	0	0	0	0	0	0
0.00432	0	0	0	0	0	0
0.002889	0	0	0	0	0	0
0.006425	0	0	0	0	0	0
0.020578	0	12	0	1	6	19
0.413331	0.11	6	0	0	0	6
0.18968	0.04	0	18	25	6	49
0.941928	0.02	0	11	11	0	22
0.008347	0	0	0	0	0	0
0.017642	0.05	0	0	0	0	0
0.004117	0	0	0	0	0	0
0.74569	0	0	0	0	0	0
0.004715	0	0	0	0	0	0
0.009266	0	0	0	0	0	0
0.008001	0.01	0	0	0	0	0
0.001912	0	0	0	0	0	0
0.00312	0	0	0	0	0	0

0.014827	0.04	5	0	0	0	5
0.074693	0	0	0	0	0	0
0.105447	0	0	0	0	0	0
0.022122	0	0	0	0	0	0
0.211937	0	0	0	0	0	0
0.218589	0	0	0	0	0	0
0.138087	0	0	0	0	0	0
0.114462	0	0	0	0	2	2
0.083395	0	2	0	0	0	2
0.068469	0	0	0	0	0	0
0.083187	0	0	0	0	0	0
0.049676	0	0	0	0	0	0
0.059851	0	0	0	0	0	0
0.051322	0	0	0	0	0	0
0.051762	0	0	0	0	0	0
0.056603	0	0	0	0	0	0
0.041199	0	0	0	0	0	0
0.069969	0	0	0	0	0	0
0.089761	0	0	0	3	4	7
0.012717	0	4	0	0	0	4
0.027719	0	0	0	0	0	0
0.026169	0	0	0	0	0	0
0.286912	0	0	0	0	0	0
0.065841	0	0	0	0	0	0
0.055663	0	0	0	0	0	0
0.040358	0	0	0	0	0	0
0.040106	0	0	0	0	0	0
0.046525	0	0	0	0	0	0
0.042005	0	0	0	0	0	0
0.029817	0	0	0	0	0	0
0.085367	0	0	0	0	0	0
0.052811	0	0	0	0	0	0
0.049794	0	0	0	0	0	0
0.037225	0	0	0	0	0	0
0.059154	0	0	0	0	0	0
0.067234	0	0	0	0	0	0
0.071051	0	0	0	0	0	0
0.048166	0	0	0	0	0	0
0.220702	0	0	0	0	0	0
0.047504	0	0	0	0	0	0
0.038932	0	0	0	0	0	0
0.024263	0	0	0	0	0	0
0.057757	0	0	0	0	0	0
0.032901	0	0	0	0	0	0
0.025508	0	0	0	0	0	0
0.015319	0	0	0	0	0	0
0.026196	0	0	0	0	0	0
0.036224	0	0	0	0	0	0
0.019391	0	0	0	0	0	0
0.017891	0	0	0	0	0	0

0.021147	0	0	0	0	0	0
0.03091	0	0	0	0	0	0
0.038071	0	0	0	0	0	0
0.028212	0	0	0	0	0	0
0.038939	0	0	0	0	0	0
0.008665	0	0	0	0	0	0
0.058823	0	0	0	0	0	0
0.053232	0	0	0	0	0	0
0.082295	0	0	0	0	0	0
0.032646	0	0	0	0	0	0
0.04832	0	0	0	0	0	0
0.053237	0	0	0	0	0	0
0.030863	0	0	0	0	0	0
0.026373	0	0	0	0	0	0
0.082684	0	0	0	0	0	0
0.030241	0	0	0	0	0	0
0.032934	0	0	0	0	0	0
0.0547	0	0	0	0	0	0
0.082813	0	0	0	0	0	0
0.061493	0	0	0	0	0	0
0.053472	0	0	0	0	0	0
0.089437	0	0	0	0	0	0
0.052032	0	0	0	0	0	0
0.042379	0	0	0	0	0	0
0.038963	0	0	0	0	0	0
0.064979	0	0	0	0	0	0
0.202461	0	0	0	0	0	0
0.101261	0	0	0	0	0	0
0.039621	0	0	0	0	0	0
0.029373	0	0	0	0	0	0
0.019666	0	0	0	0	0	0
0.041274	0	0	0	0	0	0
0.047374	0	0	0	0	0	0
0.028293	0	0	0	0	0	0
0.01738	0	0	0	0	0	0
0.062307	0	0	0	0	0	0
0.15464	0	0	0	0	0	0
0.03693	0	0	0	0	0	0
0.02103	0	0	0	0	0	0
0.03472	0	0	0	0	0	0
0.031341	0	0	0	0	0	0
0.038116	0	0	0	0	0	0
0.047293	0	0	0	0	0	0
0.06888	0	0	0	0	0	0
0.022196	0	0	0	0	0	0
0.223314	0	0	0	0	0	0
0.010491	0	0	0	0	0	0
0.042126	0	0	0	0	0	0
0.045916	0	0	0	0	0	0
0.049741	0	0	0	0	0	0

0.035263	0	0	0	0	0	0
0.03506	0	0	0	0	0	0
0.971483	0	0	0	0	0	0
0.083969	0	0	0	0	0	0
0.051155	0	0	0	0	0	0
0.006329	0	0	0	0	0	0
0.00822	0	0	0	0	0	0
0.001163	0	0	0	0	0	0
0.001183	0	0	0	0	0	0
0.000898	0	0	0	0	0	0
0.005851	0	0	0	0	0	0
0.001083	0	0	0	0	0	0
0.002104	0	0	0	0	0	0
0.009222	0	0	0	0	0	0
0.024626	0	0	0	0	0	0
0.034091	0	0	0	0	0	0
0.003572	0	0	0	0	0	0
0.0031	0	0	0	0	0	0
0.003574	0	0	0	0	0	0
0.003579	0	0	0	0	0	0
0.003995	0	0	0	0	0	0
0.004363	0	0	0	0	0	0
0.002104	0	0	0	0	0	0
0.003209	0	0	0	0	0	0
0.004794	0	0	0	0	0	0
0.000807	0	0	0	0	0	0
0.00818	0	0	0	0	0	0
0.022888	0	0	0	0	0	0
0.013173	0	0	0	0	0	0
0.017851	0.01	0	0	0	0	0
0.010619	0	0	0	0	0	0
0.009742	0	0	0	0	0	0
0.010445	0	0	0	0	0	0
0.003519	0	0	0	0	0	0
0.003391	0	0	0	0	0	0
0.003952	0	0	0	0	0	0
0.008187	0	0	0	0	0	0
0.007302	0	0	0	0	0	0
0.009596	0	0	0	0	0	0
0.002073	0	0	0	0	0	0
0.002615	0	0	0	0	0	0
0.015506	0	0	0	0	0	0
0.015493	0	0	0	0	0	0
0.009792	0	0	0	0	0	0
0.009655	0	0	0	0	0	0
0.019625	0	0	0	0	0	0
0.027478	0	0	0	0	0	0
0.008332	0	0	0	0	0	0
0.204624	0	0	0	0	0	0
0.011567	0	0	0	0	0	0



0.008147	0	0	0	0	0	0
0.007471	0	0	0	0	0	0
0.00421	0	0	0	0	0	0
0.005651	0	0	0	0	0	0
0.003744	0	0	0	0	0	0
0.003959	0	0	0	0	0	0
0.001776	0	0	0	0	0	0
0.012759	0.01	0	0	0	0	0
0.005729	0	0	0	0	0	0
0.010087	0	0	0	0	0	0
0.070868	0.03	0	0	0	0	0
0.003324	0	0	0	0	0	0
0.032313	0	0	0	0	0	0
0.145515	0.01	0	0	0	0	0
0.008815	0	0	0	0	0	0
0.013087	0	0	0	0	0	0
0.031314	0	0	0	0	0	0
0.016104	0	0	0	0	0	0
0.184307	0	0	0	0	0	0
0.005384	0	0	0	0	0	0
0.027482	0	0	0	0	0	0
0.009135	0	0	0	0	0	0
0.003056	0	0	0	0	0	0
0.010465	0	0	0	0	0	0
0.010786	0	0	0	0	0	0
0.008281	0	0	0	0	0	0
0.00971	0	0	0	0	0	0
0.010555	0	0	0	0	0	0
0.013675	0	0	0	0	0	0
0.005447	0	0	0	0	0	0
0.009615	0	0	0	0	0	0
0.011685	0	0	0	0	0	0
0.009728	0	0	0	0	0	0
0.02023	0	0	0	0	0	0
0.009986	0	0	0	0	0	0
0.008617	0	0	0	0	0	0
0.008424	0	0	0	0	0	0
0.005304	0	0	0	0	0	0
0.00893	0	0	0	0	0	0
0.004544	0	0	0	0	0	0
0.005333	0	0	0	0	0	0
0.012369	0	0	0	0	0	0
0.006573	0	0	0	0	0	0
0.003048	0	0	0	0	0	0
0.003644	0	0	0	0	0	0
0.017673	0	0	0	0	0	0
0.012152	0	0	0	0	0	0
0.028043	0	0	0	0	0	0
0.053521	0	0	0	0	0	0
0.006322	0	0	0	0	0	0

0.013566	0	0	0	0	0	0
0.01489	0	0	0	0	0	0
0.011477	0	0	0	0	0	0
0.019588	0	0	0	0	0	0
0.005774	0	0	0	0	6	6
0.004189	0	6	0	0	0	6
0.021563	0	0	0	0	0	0
0.010707	0	0	0	0	0	0
0.023678	0	0	0	0	0	0
0.000983	0	0	0	0	0	0
0.00365	0	0	0	0	0	0
0.003928	0	0	0	0	0	0
0.003117	0	0	0	0	0	0
0.011199	0	0	0	0	0	0
0.008918	0	0	0	0	0	0
0.005226	0	0	0	0	0	0
0.00229	0	0	0	0	0	0
0.00649	0	0	0	0	0	0
0.036143	0	0	0	0	0	0
0.019109	0	0	0	0	0	0
0.012532	0	0	0	0	0	0
0.065884	0	0	0	0	0	0
0.032195	0	0	0	0	0	0
0.0376	0	0	0	0	0	0
0.334715	0	0	0	0	0	0
0.121259	0	0	0	0	0	0
0.054563	0	0	0	0	0	0
0.057747	0	0	0	0	0	0
0.055888	0	0	0	0	0	0
0.048637	0	0	0	0	0	0
0.039861	0	0	0	0	0	0
0.043311	0	0	0	0	0	0
0.032365	0	0	0	0	0	0
0.030209	0	0	0	0	0	0
0.039367	0	0	0	0	0	0
0.024772	0	0	0	0	2	2
0.047197	0	2	0	0	0	2
0.072596	0	0	0	0	0	0
0.031512	0	0	0	0	0	0
0.03154	0	0	0	0	0	0
0.035038	0	0	0	0	0	0
0.026565	0	0	0	0	0	0
0.065416	0	0	0	0	0	0
0.035476	0	0	0	0	0	0
0.040804	0	0	0	0	0	0
0.026031	0	0	0	0	0	0
0.026099	0	0	0	0	0	0
0.019685	0	0	0	0	0	0
0.038801	0	0	0	0	0	0
0.015508	0	0	0	0	0	0

0.016484	0	0	0	0	0	0
0.01702	0	0	0	0	0	0
0.017785	0	0	0	0	0	0
0.183313	0.02	0	0	0	0	0
0.016608	0	0	0	0	0	0
0.015507	0	0	0	0	0	0
0.044056	0	0	0	0	0	0
0.014853	0	0	0	0	0	0
0.024273	0	0	0	0	0	0
0.033735	0	0	0	0	0	0
0.014627	0	0	0	0	0	0
0.017638	0	0	0	0	0	0
0.030722	0	0	0	0	0	0
0.056851	0	0	0	0	0	0
0.01176	0	0	0	0	0	0
0.006386	0	0	0	0	0	0
0.00704	0	0	0	0	0	0
0.027837	0	0	0	0	0	0
0.041529	0	0	0	0	0	0
0.029035	0	0	0	0	0	0
0.035725	0	0	0	0	0	0
0.04037	0	0	0	0	0	0
0.047923	0	0	0	0	0	0
0.056521	0	0	0	0	0	0
0.043327	0	0	4	0	0	4
0.006486	0	0	0	0	0	0
0.008753	0	0	0	0	0	0
0.028986	0	0	0	0	0	0
0.027719	0	0	0	0	0	0
0.000726	0	0	0	0	0	0
0.000754	0	0	0	0	0	0
0.000583	0	0	0	0	0	0
0.001035	0	0	0	0	0	0
0.000676	0	0	0	0	0	0
0.060797	0	0	0	0	0	0
0.020761	0	0	0	0	0	0
0.031647	0	0	0	0	0	0
0.017546	0	0	0	0	0	0
0.025171	0	0	0	0	0	0
0.011842	0	0	0	0	0	0
0.032639	0	0	0	0	0	0
0.038077	0	0	0	0	0	0
0.037142	0	0	0	0	0	0
0.027951	0	0	0	0	0	0
0.030905	0	0	0	0	0	0
0.019564	0	0	0	0	0	0
0.01998	0	0	0	0	0	0
0.016943	0	0	0	0	0	0
0.010455	0	0	0	0	0	0
0.056747	0	0	0	0	0	0

0.00387	0	0	0	0	0	0
0.014902	0	0	0	0	0	0
0.020117	0	0	0	0	0	0
0.009466	0	0	0	0	0	0
0.008573	0	0	0	0	0	0
0.01211	0	0	0	0	0	0
0.015403	0	0	0	0	0	0
0.016306	0	0	0	0	0	0
0.00516	0	0	0	0	0	0
0.00529	0	0	0	0	0	0
0.003874	0	0	0	0	0	0
0.003043	0	0	0	0	0	0
0.002994	0	0	0	0	0	0
0.000628	0	0	0	0	0	0
0.00241	0	0	0	0	0	0
0.002943	0	0	0	0	0	0
0.001205	0	0	0	0	0	0
0.003753	0	0	0	0	0	0
0.007645	0	0	0	0	0	0
0.00319	0	0	0	0	0	0
0.001237	0	0	0	0	0	0
0.019361	0	0	0	0	0	0
0.00535	0	0	0	0	0	0
0.004749	0	0	0	0	0	0
0.008878	0	0	0	0	0	0
0.005713	0	0	0	0	0	0
0.002571	0	0	0	0	0	0
0.003155	0	0	0	0	0	0
0.003082	0	0	0	0	0	0
0.003311	0	0	0	0	0	0
0.007783	0	0	0	0	0	0
0.041201	0	0	0	0	0	0
0.049134	0	0	0	0	0	0
0.02811	0	0	0	0	0	0
0.016011	0	0	0	0	0	0
0.006427	0	0	0	0	0	0
0.002796	0	0	0	0	0	0
0.014969	0	0	0	0	0	0
0.042439	0	0	0	0	0	0
0.025339	0	0	0	0	0	0
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0.009467	0	0	0	0	0	0
0.001456	0	0	0	0	0	0
0.002838	0	0	0	0	0	0
0.005165	0	0	0	0	0	0
0.003467	0	0	0	0	0	0
0.009969	0	0	0	0	0	0
0.00347	0	0	0	0	0	0
0.002229	0	0	0	0	0	0

0.002205	0	0	0	0	0	0
0.002284	0	0	0	0	0	0
0.002866	0	0	0	0	0	0
0.038426	0	0	0	0	0	0
0.022585	0	0	0	0	0	0
0.522341	0.07	0	0	0	0	0
0.016096	0	0	0	0	0	0
0.008986	0	0	0	0	0	0
0.005668	0	0	0	0	0	0
0.002716	0	0	0	0	0	0
0.005217	0	0	0	0	0	0
0.011303	0	0	0	0	0	0
0.028591	0	0	0	0	6	6
0.002799	0	0	0	0	0	0
0.001665	0	0	0	0	0	0
0.002312	0	0	0	0	0	0
0.036835	0	0	0	0	0	0
0.002108	0	6	0	0	0	6
0.017503	0.04	0	0	0	0	0
0.003203	0	0	0	0	8	8
0.006744	0	8	0	0	0	8
0.00599	0	0	0	0	0	0
0.011958	0	0	0	0	0	0
0.013253	0	0	0	0	0	0
0.017538	0	0	0	0	0	0
0.000206	0	0	0	0	0	0
0.036843	0	0	0	0	0	0
0.019551	0	0	0	0	0	0
0.024164	0	0	0	0	0	0
0.01793	0	0	0	0	0	0
0.0592	0	0	0	0	0	0
0.071668	0	0	0	0	0	0
0.059462	0	0	0	0	0	0
0.021468	0	0	0	0	0	0
0.020352	0	0	0	0	0	0
0.03493	0	0	0	0	0	0
0.031941	0	0	0	0	0	0
0.06072	0	0	0	0	0	0
0.029124	0	0	0	0	0	0
0.117196	0	0	0	0	0	0
0.109545	0	0	0	0	0	0
0.150876	0	0	0	0	0	0
0.042476	0	0	0	0	0	0
0.065723	0	0	0	0	0	0
0.026307	0	0	0	0	0	0
0.102685	0	0	0	0	0	0
0.029238	0	0	0	0	0	0
0.02316	0	0	0	0	0	0
0.156499	0	0	0	0	0	0
0.009474	0	0	0	0	0	0

0.058909	0	0	0	0	0	0
0.06941	0	0	0	0	0	0
0.056611	0	0	0	0	0	0
0.050497	0	0	0	0	0	0
0.029736	0	0	0	0	0	0
0.05165	0	0	0	0	0	0
0.054949	0	0	0	0	0	0
0.032373	0	0	0	0	0	0
0.016342	0	0	0	0	0	0
0.003376	0	0	0	0	0	0
0.005182	0	0	0	0	0	0
0.014742	0	0	0	0	0	0
0.250072	0.02	0	0	0	0	0
0.000964	0	0	0	0	0	0
0.003423	0	0	0	0	0	0
0.085947	0	0	0	0	0	0
0.052967	0	0	0	0	0	0
0.002418	0	0	0	0	0	0
0.008724	0	0	0	0	0	0
0.012314	0	0	0	0	0	0
0.00894	0	0	0	0	0	0
0.006355	0	0	0	0	0	0
0.006031	0	0	0	0	0	0
0.027016	0	0	6	0	0	6
0.003585	0	0	0	0	0	0
0.007048	0	0	0	0	0	0
0.027956	0	0	0	0	0	0
0.044933	0.03	0	0	0	0	0
0.004834	0	0	0	0	0	0
0.005756	0	0	0	0	0	0
0.134097	0	0	0	0	0	0
0.110285	0.06	0	0	0	0	0
0.028676	0	0	0	0	0	0
0.004058	0	0	0	0	0	0
0.305306	0	0	0	0	0	0
0.002906	0	0	0	0	0	0
0.004287	0	0	0	0	0	0
0.004368	0	0	0	0	0	0
0.002824	0	0	0	0	0	0
0.002794	0	0	0	0	0	0
0.003186	0	0	0	0	0	0
0.026231	0	0	0	0	0	0
0.056385	0	0	0	0	0	0
0.057017	0	0	0	0	0	0
0.08025	0	0	0	0	0	0
0.062114	0	0	0	0	0	0
0.067332	0	0	0	0	0	0
0.035729	0	0	0	0	0	0
0.063209	0	0	0	0	0	0
0.043223	0	0	0	0	0	0

0.060264	0	0	0	0	0	0
0.059242	0	0	0	0	0	0
0.041776	0	0	0	0	0	0
0.039801	0	0	0	0	0	0
0.059761	0	0	0	0	0	0
0.048959	0	0	0	0	0	0
0.059762	0	0	0	0	0	0
0.074962	0	0	0	0	0	0
0.036975	0	0	0	0	0	0
0.037389	0	0	0	0	0	0
0.051023	0	0	0	0	0	0
0.049718	0	0	0	0	0	0
0.024549	0	0	0	0	0	0
0.048835	0	0	0	0	0	0
0.061918	0	0	0	0	0	0
0.042215	0	0	0	0	0	0
0.029538	0	0	0	0	0	0
0.033812	0	0	0	0	0	0
0.087694	0	0	0	0	0	0
0.059505	0	0	0	0	0	0
0.168709	0	0	0	0	0	0
0.038867	0	0	0	0	0	0
0.028533	0	0	0	0	0	0
0.026168	0	0	0	0	0	0
0.03375	0	0	0	0	0	0
0.011372	0	0	0	0	0	0
0.046606	0	0	0	0	0	0
0.030426	0	0	0	0	0	0
0.020637	0	0	0	0	0	0
0.038805	0	0	0	0	0	0
0.094884	0	0	0	0	0	0
0.053414	0	0	0	0	0	0
0.007819	0	0	0	0	0	0
0.014862	0	0	0	0	0	0
0.014337	0	0	0	0	0	0
0.021335	0	0	0	0	0	0
0.019137	0	0	0	0	0	0
0.017121	0	0	0	0	0	0
0.022598	0	0	0	0	0	0
0.019398	0	0	0	0	0	0
0.017628	0	0	0	0	0	0
0.012693	0	0	0	0	0	0
0.014326	0	0	0	0	0	0
0.014542	0	0	0	0	0	0
0.002972	0	0	0	0	0	0
0.011284	0	0	0	0	0	0
0.016928	0	0	0	0	0	0
0.011474	0	0	0	0	0	0
0.014362	0	0	0	0	0	0
0.012909	0	0	0	0	0	0

0.016707	0	0	0	0	0	0
0.009193	0	0	0	0	0	0
0.176198	0	0	0	0	0	0
0.002373	0	0	0	0	0	0
0.00227	0	0	0	0	0	0
0.001721	0	0	0	0	0	0
0.001723	0	0	0	0	0	0
0.019219	0	0	0	0	0	0
0.002177	0	0	0	0	0	0
0.003165	0	0	0	0	0	0
0.001745	0	0	0	0	0	0
0.012655	0	0	0	0	0	0
0.003032	0	0	0	0	0	0
0.001873	0	0	0	0	0	0
0.002437	0	0	0	0	0	0
0.001547	0	0	0	0	0	0
0.015557	0	0	0	0	2	2
0.00628	0	0	0	0	0	0
0.040508	0	0	0	0	0	0
0.013274	0	0	0	0	0	0
0.006449	0	2	0	0	0	2
0.008792	0	0	0	0	0	0
0.000335	0	0	0	0	0	0
0.004643	0	0	0	0	0	0
0.002929	0	0	0	0	0	0
0.011398	0	0	0	0	0	0
0.002771	0	0	0	0	0	0
0.013546	0	0	0	0	0	0
0.005559	0	0	0	0	0	0
0.006906	0.01	0	0	0	0	0
0.008681	0	0	0	0	0	0
0.984544	0	0	0	0	0	0
0.972488	0	0	0	0	0	0
0.019392	0	0	0	0	0	0
0.02571	0	0	0	0	0	0
0.005263	0.02	0	0	0	0	0
0.00546	0.04	0	0	0	0	0
0.005356	0	0	0	0	0	0
0.002026	0	0	0	0	0	0
0.001907	0	0	0	0	0	0
0.067499	0.03	0	0	0	0	0
0.000693	0	0	0	0	0	0
0.000656	0	0	0	0	0	0
0.046906	0	0	0	0	0	0
0.087289	0	0	0	0	0	0
0.053617	0	0	0	0	0	0
0.020037	0	0	0	0	0	0
0.043454	0	0	0	0	0	0
0.053005	0	0	0	0	0	0
0.049449	0	0	0	0	0	0



0.038667	0	0	0	0	0	0
0.034438	0	0	0	0	0	0
0.04945	0	0	0	0	0	0
0.043269	0	0	0	0	0	0
0.214899	0	0	0	0	0	0
0.052824	0	0	0	0	0	0
0.064486	0	0	0	0	0	0
0.040437	0	0	0	0	0	0
0.04836	0	0	0	0	0	0
0.039389	0	0	0	0	0	0
0.088972	0	0	0	0	0	0
0.057678	0	0	0	0	0	0
0.043907	0	0	0	0	0	0
0.064889	0	0	0	0	0	0
0.033469	0	0	0	0	0	0
0.034581	0	0	0	0	0	0
0.030604	0	0	0	0	0	0
0.042815	0	0	0	0	0	0
0.053398	0	0	0	0	0	0
0.054572	0	0	0	0	0	0
0.03059	0	0	0	0	0	0
0.034633	0	0	0	0	0	0
0.030046	0	0	0	0	0	0
0.05225	0	0	0	0	0	0
0.031019	0	0	0	0	0	0
0.033463	0	0	0	0	0	0
0.032076	0	0	0	0	0	0
0.025253	0	0	0	0	0	0
0.023201	0	0	0	0	0	0
0.026895	0	0	0	0	0	0
0.026363	0	0	0	0	0	0
0.013246	0	0	0	0	0	0
0.015934	0	0	0	0	0	0
0.069084	0	0	0	0	0	0
0.014754	0	0	0	0	0	0
0.029203	0	0	0	0	0	0
0.05699	0	0	0	0	0	0
0.038664	0	0	0	0	0	0
0.034883	0	0	0	0	0	0
0.056889	0	0	0	0	0	0
0.308178	0	0	0	0	0	0
0.040641	0	0	0	0	0	0
0.051162	0	0	0	0	0	0
0.032833	0	0	0	0	0	0
0.05775	0	0	0	0	0	0
0.031726	0.07	0	0	0	0	0
0.06395	0	0	0	0	0	0
0.039595	0	0	0	0	0	0
0.042301	0	0	0	0	0	0
0.072092	0	0	0	0	0	0

0.049157	0	0	0	0	0	0
0.046222	0	0	0	0	0	0
0.046306	0	0	0	0	0	0
0.042652	0	0	0	0	0	0
0.068109	0	0	0	0	0	0
0.104981	0	0	0	0	0	0
0.047627	0	0	0	0	0	0
0.058696	0	0	0	0	0	0
0.060396	0	0	0	0	0	0
0.039777	0	0	0	0	0	0
0.094032	0	0	0	0	0	0
0.043184	0	0	0	0	0	0
0.041109	0	0	0	0	0	0
0.17877	0	0	0	0	0	0
0.061001	0	0	0	0	0	0
0.147524	0	0	0	0	0	0
0.054251	0	0	0	0	0	0
0.074654	0	0	0	0	0	0
0.06533	0	0	0	0	0	0
0.078116	0	0	0	0	0	0
0.0687	0	0	0	0	0	0
0.034755	0	0	0	0	0	0
0.053626	0	0	0	0	0	0
0.045513	0	0	0	0	0	0
0.040671	0	0	0	0	0	0
0.052514	0	0	0	0	0	0
0.033293	0	0	0	0	0	0
0.037184	0	0	0	0	0	0
0.042248	0	0	0	0	0	0
0.047556	0	0	0	0	0	0
0.058559	0	0	0	0	0	0
0.075141	0	0	0	0	0	0
0.044085	0	0	0	0	0	0
0.17328	0	0	0	0	0	0
0.088337	0	0	0	0	0	0
0.053697	0	0	0	0	0	0
0.062999	0	0	0	0	0	0
0.037738	0	0	0	0	0	0
0.370219	0	0	0	0	0	0
0.064928	0	0	0	0	0	0
0.086883	0	0	0	0	0	0
0.03118	0	0	0	0	0	0
0.042064	0	0	0	0	0	0
0.045963	0	0	0	0	0	0
0.0303	0	0	0	0	0	0
0.023477	0	0	0	0	0	0
0.035787	0	0	0	0	0	0
0.161304	0.01	0	0	0	0	0
0.083227	0	0	0	0	0	0
0.040509	0	0	0	0	0	0

0.024489	0	0	0	0	0	0
0.097786	0	0	0	0	0	0
0.053526	0	0	0	0	0	0
0.020005	0	0	0	0	0	0
0.012971	0	0	0	0	0	0
0.011259	0	0	0	0	0	0
0.164968	0	0	0	0	0	0
0.041835	0	0	0	0	0	0
0.030943	0	0	0	0	0	0
0.014161	0	0	0	0	0	0
0.11766	0	0	0	0	0	0
0.093363	0	0	0	0	0	0
0.105233	0	0	0	0	0	0
0.086924	0	0	0	0	0	0
0.071045	0	0	0	0	0	0
0.060834	0	0	0	0	0	0
0.090714	0	0	0	0	0	0
0.065364	0	0	0	0	0	0
0.054748	0	0	0	0	0	0
0.051004	0	0	0	0	0	0
0.064637	0	0	0	0	0	0
0.044718	0	0	0	0	0	0
0.060327	0	0	0	0	0	0
0.058899	0	0	0	0	0	0
0.06394	0	0	0	0	0	0
0.065646	0	0	0	0	0	0
0.051272	0	0	0	0	0	0
0.04991	0	0	0	0	0	0
0.053514	0	0	0	0	0	0
0.055337	0	0	0	0	0	0
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0.053826	0	0	0	0	0	0
0.037695	0	0	0	0	0	0
0.026857	0	0	0	0	0	0
0.020403	0	0	0	0	0	0
0.017838	0	0	0	0	0	0
0.137744	0	0	0	0	0	0
0.05838	0	0	0	0	0	0
0.08354	0	0	0	0	0	0
0.051061	0	0	0	0	0	0
0.040612	0	0	0	0	0	0
0.059431	0	0	0	0	0	0
0.078895	0	0	0	0	0	0
0.057989	0	0	0	0	0	0
0.040977	0	0	0	0	0	0
0.050291	0	0	0	0	0	0
0.059304	0	0	0	0	0	0
0.043163	0	0	0	0	0	0
0.041867	0	0	0	0	0	0

0.031235	0	0	0	0	0	0
0.047824	0	0	0	0	0	0
0.040827	0	0	0	0	0	0
0.052393	0	0	0	0	0	0
0.039843	0	0	0	0	0	0
0.021383	0	0	0	0	0	0
0.034663	0	0	0	0	0	0
0.063816	0	0	0	0	0	0
0.058986	0	0	0	0	0	0
0.053058	0	0	0	0	0	0
0.057433	0	0	0	0	0	0
0.055067	0	0	0	0	0	0
0.05249	0	0	0	0	0	0
0.052048	0	0	0	0	0	0
0.125983	0	0	0	0	0	0
0.039643	0	0	0	0	0	0
0.067706	0	0	0	0	0	0
0.050592	0	0	0	0	0	0
0.055885	0	0	0	0	0	0
0.048713	0	0	0	0	0	0
0.031601	0	0	0	0	0	0
0.031653	0	0	0	0	0	0
0.031227	0	0	0	0	0	0
0.029683	0	0	0	0	0	0
0.030006	0	0	0	0	0	0
0.027611	0	0	0	0	0	0
0.02883	0	0	0	0	0	0
0.026279	0	0	0	0	0	0
0.03	0	0	0	0	0	0
0.020455	0	0	0	0	0	0
0.054013	0	0	0	0	0	0
0.047246	0	0	0	0	0	0
0.023136	0	0	0	0	0	0
0.008298	0	0	0	0	0	0
0.004774	0	0	0	0	0	0
0.026362	0	0	0	0	0	0
0.046722	0	0	0	0	0	0
0.443378	0	0	0	0	0	0
0.35345	0	0	0	0	0	0
0.031429	0	0	0	0	0	0
0.544815	0	0	0	0	0	0
0.150753	0	0	0	0	0	0
0.231643	0	0	0	0	0	0
0.096818	0	0	0	0	0	0
0.217166	0	0	0	0	0	0
0.139086	0	0	0	0	0	0
0.028151	0	0	0	0	0	0
0.043443	0	0	0	0	0	0
0.081676	0	0	0	0	0	0
0.080049	0	0	0	0	0	0

0.028855	0	0	0	0	0	0
0.050042	0	0	0	0	0	0
0.019805	0	0	0	0	0	0
0.014442	0	0	0	0	0	0
0.023578	0	0	0	0	0	0
0.086802	0	0	0	0	0	0
0.062923	0	0	0	0	0	0
0.184729	0	0	0	0	0	0
0.063692	0	0	0	0	0	0
0.062112	0	0	0	0	6	6
0.278147	0	6	0	0	0	6
0.157076	0	0	0	0	0	0
0.16362	0	0	0	0	0	0
0.144478	0	0	0	0	0	0
0.200994	0	0	0	0	0	0
0.238935	0	0	0	0	0	0
0.067182	0	0	0	0	0	0
0.078987	0	0	0	0	0	0
0.078242	0	0	0	0	0	0
0.113937	0	0	0	0	0	0
0.214067	0	0	0	0	0	0
0.045988	0	0	0	0	0	0
0.286249	0	0	0	0	0	0
0.052104	0	0	0	0	1	1
0.186425	0	1	0	0	0	1
0.054881	0	0	0	0	0	0
0.112804	0	0	0	0	0	0
0.14573	0	0	0	0	0	0
0.053468	0	0	0	0	0	0
0.06857	0	0	0	0	2	2
0.03454	0	2	0	0	0	2
0.043048	0	0	0	0	0	0
0.114427	0	0	0	0	0	0
0.070579	0	0	0	0	0	0
0.065912	0	0	0	0	0	0
0.045806	0	0	0	0	0	0
0.034468	0	0	0	0	0	0
0.0452	0	0	0	0	0	0
0.099017	0	0	0	0	0	0
0.047363	0	0	0	0	0	0
0.071052	0	0	0	0	0	0
0.07081	0	0	0	0	0	0
0.094832	0	0	0	0	0	0
0.122834	0	0	0	0	0	0
0.210188	0	0	0	0	0	0
0.130469	0	0	0	0	0	0
0.043987	0	0	0	0	0	0
0.062795	0	0	0	0	0	0
0.044903	0	0	0	0	0	0
0.057222	0	0	0	0	0	0

0.061223	0	0	0	0	0	0
0.053021	0	0	0	0	0	0
0.052381	0	0	0	0	0	0
0.041181	0	0	0	0	0	0
0.038148	0	0	0	0	0	0
0.030217	0	0	0	0	0	0
0.043606	0	0	0	0	0	0
0.063496	0	0	0	0	0	0
0.047157	0	0	0	0	0	0
0.051631	0	0	0	0	0	0
0.048782	0	0	0	0	0	0
0.034739	0	0	0	0	0	0
0.033098	0	0	0	0	0	0
0.030159	0	0	0	0	0	0
0.041169	0	0	0	0	0	0
0.235358	0	0	0	0	0	0
0.036417	0	0	0	0	0	0
0.082732	0	0	0	0	0	0
0.022275	0	0	0	0	0	0
0.062983	0	0	0	0	0	0
0.061607	0	0	0	0	0	0
0.049648	0	0	0	0	0	0
0.058842	0	0	0	0	0	0
0.08439	0	0	0	0	0	0
0.060684	0	0	0	0	0	0
0.025793	0	0	0	0	0	0
0.02485	0	0	0	0	0	0
0.014437	0	0	0	0	0	0
0.012343	0	0	0	0	0	0
0.019662	0	0	0	0	0	0
0.021679	0	0	0	0	0	0
0.040847	0	0	0	0	0	0
0.054303	0	0	0	0	0	0
0.046555	0	0	0	0	0	0
0.080618	0	0	0	0	0	0
0.01881	0	0	0	0	0	0
0.108531	0	0	0	0	0	0
0.096189	0	0	0	0	0	0
0.096133	0.01	0	0	0	0	0
0.154952	0.02	0	0	0	0	0
0.305641	0.15	0	0	0	0	0
0.484691	0	0	0	0	0	0
0.037507	0	0	0	0	0	0
0.024597	0	0	0	0	0	0
0.047832	0	0	0	0	0	0
0.0692	0	0	0	0	0	0
0.129303	0	0	0	0	0	0
0.170876	0	0	0	0	0	0
0.042769	0	0	0	0	0	0
0.047854	0	0	0	0	0	0

0.063571	0	0	0	0	0	0
0.011464	0	0	0	0	0	0
0.02452	0	0	0	0	0	0
0.03378	0	0	0	0	0	0
0.053412	0	0	0	0	0	0
0.08179	0	0	0	0	0	0
0.010233	0	0	0	0	0	0
0.010674	0	0	0	0	0	0
0.004798	0	0	0	0	0	0
0.00563	0	0	0	0	0	0
0.006844	0	0	0	0	0	0
0.015283	0	0	0	0	0	0
0.034159	0	0	0	0	0	0
0.053725	0	0	0	0	0	0
0.100082	0	0	0	0	0	0
0.12051	0	0	0	0	0	0
0.07268	0	0	0	0	0	0
0.022612	0	0	0	0	0	0
0.035702	0	0	0	0	0	0
0.159449	0	0	0	0	0	0
0.176294	0	0	0	0	0	0
0.0854	0	0	0	0	0	0
0.029166	0	0	0	0	0	0
0.022504	0	0	0	0	5	5
0.008034	0	0	0	0	0	0
0.019016	0.02	0	0	0	0	0
0.006785	0	0	0	0	0	0
0.199702	0.17	0	0	0	0	0
0.060985	0	0	0	0	0	0
0.007877	0	0	0	0	0	0
0.022568	0	0	0	0	0	0
0.058239	0	0	0	0	0	0
0.049622	0	0	0	0	0	0
0.033864	0	0	0	0	0	0
0.011513	0	0	0	0	0	0
0.031243	0	0	0	0	0	0
0.019447	0	0	0	0	0	0
0.046728	0	0	0	0	0	0
0.038511	0	0	0	0	0	0
0.073236	0	0	0	0	0	0
0.05781	0	0	0	0	0	0
0.077665	0	0	0	0	0	0
0.071294	0	0	0	0	0	0
0.033352	0	0	0	0	0	0
0.045866	0	0	0	0	0	0
0.223265	0	0	0	0	0	0
0.291691	0	0	0	0	0	0
0.172285	0	0	0	0	0	0
0.030464	0	0	0	0	0	0
0.031956	0	0	0	0	0	0

0.023739	0	0	0	0	0	0
0.005991	0	0	0	0	0	0
0.009268	0	0	0	0	0	0
0.06767	0	0	0	0	0	0
0.007223	0	0	0	0	0	0
0.02236	0	0	0	0	0	0
0.005669	0	0	0	0	0	0
0.003251	0	0	0	0	0	0
0.001226	0	0	0	0	0	0
0.000683	0	0	0	0	0	0
0.00249	0	0	0	0	0	0
0.004058	0	0	0	0	0	0
0.009968	0	0	0	0	0	0
0.006932	0	0	0	0	0	0
0.003996	0	0	0	0	0	0
0.208647	0	0	0	0	0	0
0.153997	0	0	0	0	0	0
0.121027	0	0	0	0	0	0
0.128273	0.02	0	0	0	0	0
0.032726	0	0	0	0	0	0
0.014213	0	0	0	0	0	0
0.019673	0	0	0	0	0	0
0.018332	0	0	0	0	0	0
0.011171	0	0	0	0	0	0
0.03892	0	0	0	0	0	0
0.010645	0	0	0	0	0	0
0.010066	0	0	0	0	0	0
0.07256	0	0	0	0	0	0
0.017177	0	0	0	0	0	0
0.011869	0	0	0	0	0	0
0.023152	0	0	0	0	0	0
0.023283	0	0	0	0	0	0
0.02164	0	0	0	0	0	0
0.01116	0	0	0	0	0	0
0.015684	0	0	0	0	0	0
0.02094	0	0	0	0	0	0
0.262648	0	0	0	0	0	0
0.573108	0	0	0	0	0	0
0.234292	0	0	0	0	0	0
0.031179	0	0	0	0	0	0
0.176418	0	0	0	0	0	0
0.564187	0	0	0	0	0	0
0.209812	0	0	0	0	0	0
0.073914	0	0	0	0	0	0
0.152644	0	0	0	0	0	0
0.576691	0	0	0	0	0	0
0.358443	0	0	0	0	0	0
0.143407	0	0	0	0	0	0
0.006529	0	0	0	0	0	0
0.014043	0	0	0	0	0	0



0.007222	0	0	0	0	0	0
0.004946	0	0	0	0	0	0
0.009779	0	0	0	0	0	0
0.007052	0	0	0	0	0	0
0.009678	0	0	0	0	0	0
0.098979	0	0	0	0	0	0
0.006665	0	0	0	0	0	0
0.006344	0	0	0	0	0	0
0.00658	0	0	0	0	0	0
0.006229	0	0	0	0	0	0
0.009198	0	0	0	0	0	0
0.008649	0	0	0	0	0	0
0.006614	0	0	0	0	0	0
0.01703	0	0	0	0	0	0
0.011372	0	0	0	0	0	0
0.00674	0	0	0	0	0	0
0.011221	0	0	0	0	0	0
0.006531	0	0	0	0	0	0
0.004303	0	0	0	0	4	4
0.004226	0	4	0	0	0	4
0.004491	0	0	0	0	0	0
0.011964	0	0	0	0	0	0
0.018321	0	0	0	0	0	0
0.003887	0	0	0	0	0	0
0.003249	0	0	0	0	0	0
0.028614	0	0	0	0	0	0
0.004634	0	0	0	0	0	0
0.007645	0	0	0	0	0	0
0.006469	0	0	0	0	0	0
0.017095	0	0	0	0	0	0
0.0076	0	0	0	0	0	0
0.010606	0	0	0	0	0	0
0.012084	0	0	0	0	0	0
0.006117	0	0	0	0	0	0
0.007804	0	0	0	0	0	0
0.007845	0	0	0	0	0	0
0.007874	0	0	0	0	0	0
0.009158	0	0	0	0	0	0
0.020303	0	0	0	0	0	0
0.06904	0	0	0	0	0	0
0.048941	0	0	0	0	0	0
0.036033	0	0	0	0	0	0
0.032349	0	0	0	0	0	0
0.055154	0	0	0	0	0	0
0.07415	0	0	0	0	0	0
0.070145	0	0	0	0	0	0
0.038192	0	0	0	0	0	0
0.048983	0	0	0	0	0	0
0.051027	0	0	0	0	0	0
0.060798	0	0	0	0	0	0

0.055834	0	0	0	0	0	0
0.069152	0	0	0	0	0	0
0.031465	0	0	0	0	0	0
0.022186	0	0	0	0	0	0
0.012001	0	0	0	0	0	0
0.016003	0	0	0	0	0	0
0.023402	0	0	0	0	0	0
0.029578	0	0	0	0	0	0
0.013204	0	0	0	0	0	0
0.012127	0	0	0	0	0	0
0.017339	0	0	0	0	0	0
0.04295	0	0	0	0	0	0
0.073152	0	0	0	0	0	0
0.033439	0	0	0	0	0	0
0.016628	0	0	0	0	0	0
0.02859	0	0	0	0	0	0
0.02883	0	0	0	0	0	0
0.023089	0	0	0	0	0	0
0.002617	0	0	0	0	0	0
0.001303	0	0	0	0	0	0
0.008429	0	0	0	4	0	4
0.056918	0	0	0	0	0	0
0.053026	0	0	0	0	0	0
0.158654	0	0	0	0	0	0
0.099217	0	0	0	0	0	0
0.079863	0	0	0	0	0	0
0.108954	0	0	0	0	0	0
0.002906	0	0	0	0	0	0
0.003349	0	0	0	0	0	0
0.005369	0	0	0	0	0	0
0.004615	0	0	0	0	0	0
0.003863	0	0	0	0	0	0
0.006597	0	0	0	0	0	0
0.005084	0	0	0	0	0	0
0.004652	0	0	0	0	0	0
0.004064	0	0	0	0	3	3
0.005264	0	3	0	0	0	3
0.002825	0	0	0	0	0	0
0.57122	0	0	0	0	0	0
0.004055	0	0	0	0	0	0
0.003917	0	0	0	0	0	0
0.061926	0	0	0	0	0	0
0.132839	0	0	0	0	0	0
0.004633	0	0	0	0	0	0
0.004067	0	0	0	0	0	0
0.00424	0	0	0	0	0	0
0.004027	0	0	0	0	0	0
0.026083	0	0	0	0	0	0
0.023256	0	0	0	0	0	0
0.011782	0	0	0	0	0	0

0.006427	0	0	0	0	0	0
0.021193	0	0	0	0	0	0
0.007402	0	0	0	0	0	0
0.006765	0	0	0	0	0	0
0.058868	0	0	0	0	0	0
0.002895	0	0	0	0	0	0
0.003588	0	0	0	0	0	0
0.003569	0	0	0	0	0	0
0.001785	0	0	0	0	0	0
0.008142	0	0	0	0	0	0
0.001976	0	0	0	0	0	0
0.002227	0	0	0	0	0	0
0.011834	0	0	0	0	0	0
0.001051	0	0	0	0	0	0
0.008024	0	0	0	0	0	0
0.003276	0	0	0	0	0	0
0.005894	0	0	0	0	0	0
0.020049	0	0	0	0	0	0
0.017844	0	0	0	0	0	0
0.000403	0	0	0	0	5	5
0.001547	0	5	0	0	0	5
0.00825	0	0	0	0	0	0
0.007456	0	0	0	0	0	0
0.012103	0	0	0	0	0	0
0.005168	0	0	0	0	0	0
0.017267	0	0	0	0	0	0
0.040569	0	0	0	0	0	0
0.019134	0	0	0	0	0	0
0.021362	0	0	0	0	0	0
0.012726	0	0	0	0	0	0
0.012758	0	0	0	0	0	0
0.015697	0	0	0	0	0	0
0.029202	0	0	0	0	0	0
0.03361	0	0	0	0	0	0
0.030834	0	0	0	0	0	0
0.054613	0	0	0	0	0	0
0.028998	0	0	0	0	0	0
0.03872	0	0	0	0	0	0
0.030541	0	0	0	0	0	0
0.030519	0	0	0	0	0	0
0.019965	0	0	0	0	0	0
0.019783	0	0	0	0	0	0
0.002505	0	0	0	0	0	0
0.000822	0	0	0	0	0	0
0.002146	0	0	0	0	0	0
0.001606	0	0	0	0	0	0
0.010225	0	0	0	0	0	0
0.001504	0	0	0	0	0	0
0.025681	0	0	0	0	0	0
0.059491	0	0	0	0	0	0

0.058284	0	0	0	0	0	0
0.019134	0	0	0	0	0	0
0.021198	0	0	0	0	0	0
0.039696	0	0	0	0	0	0
0.037894	0	0	0	0	0	0
0.012277	0	0	0	0	0	0
0.029042	0	0	0	0	0	0
0.123689	0	0	0	0	0	0
0.022214	0	0	0	0	0	0
0.044056	0	0	0	0	0	0
0.022598	0	0	0	0	0	0
0.024614	0	0	0	0	0	0
0.033358	0	0	0	0	0	0
0.035591	0	0	0	0	0	0
0.060599	0	0	0	0	0	0
0.008083	0	0	0	0	0	0
0.01178	0.01	0	0	0	0	0
0.008211	0.01	0	0	0	0	0
0.006581	0.01	0	0	0	0	0
0.004735	0	0	0	0	0	0
0.00537	0	0	0	0	0	0
0.004818	0	0	0	0	0	0
0.006016	0	0	0	0	0	0
0.005013	0	0	0	0	0	0
0.004164	0	0	0	0	0	0
0.020237	0	0	0	0	0	0
0.006475	0	0	0	0	0	0
0.004437	0	0	0	0	0	0
0.003187	0	0	0	0	0	0
0.002588	0	0	0	0	0	0
0.010874	0.01	0	0	0	0	0
0.00891	0.01	0	0	0	0	0
0.011079	0	0	0	0	0	0
0.014652	0	0	0	0	0	0
0.009866	0.01	0	0	0	0	0
0.010791	0.01	0	0	0	0	0
0.009718	0.01	0	0	0	0	0
0.038052	0	2	0	0	0	2
0.067586	0	0	0	0	0	0
0.043187	0	0	0	0	0	0
0.033081	0	0	0	0	0	0
0.028432	0	0	0	0	0	0
0.027192	0	0	0	0	0	0
0.037647	0	0	0	0	0	0
0.052294	0	0	0	0	0	0
0.059409	0	0	0	0	0	0
0.043392	0	0	0	0	0	0
0.02553	0	0	0	0	0	0
0.029868	0	0	0	0	0	0
0.02776	0	0	0	0	0	0

0.031249	0	0	0	0	0	0
0.049415	0	0	0	0	0	0
0.023434	0	0	0	0	0	0
0.022345	0	0	0	0	0	0
0.02373	0	0	0	0	0	0
0.026509	0	0	0	0	0	0
0.029481	0	0	0	0	0	0
0.088411	0	0	0	0	0	0
0.036575	0	0	0	0	0	0
0.032576	0	0	0	0	0	0
0.014535	0	0	0	0	0	0
0.009888	0	0	0	0	0	0
0.014572	0	0	0	0	0	0
0.012357	0	0	0	0	0	0
0.058738	0	0	0	0	0	0
0.010127	0	0	0	0	0	0
0.008071	0	0	0	0	0	0
0.008565	0	0	0	0	0	0
0.008955	0	0	0	0	0	0
0.01004	0	0	0	0	0	0
0.008574	0	0	0	0	0	0
0.011861	0	0	0	0	0	0
0.041963	0	0	0	0	0	0
0.009278	0	0	0	0	0	0
0.010235	0	0	0	5	0	5
0.063502	0	0	0	0	0	0
0.00759	0	0	0	0	0	0
0.007088	0	0	0	0	0	0
0.015298	0	0	0	0	0	0
0.013032	0	0	0	0	0	0
0.003717	0	0	0	0	0	0
0.00381	0	0	0	0	0	0
0.002518	0	0	0	0	0	0
0.002358	0	0	4	0	0	4
0.055086	0	0	0	0	0	0
0.002774	0	0	0	0	0	0
0.003001	0	0	0	0	0	0
0.002509	0	0	0	0	0	0
0.002496	0	0	0	0	0	0
0.001458	0	0	0	0	0	0
0.002899	0	0	0	0	0	0
0.00232	0	0	0	0	0	0
0.003503	0	0	0	0	0	0
0.002018	0	0	0	0	0	0
0.001488	0	0	0	0	0	0
0.041205	0	0	0	0	0	0
0.002324	0	0	0	0	0	0
0.00278	0	0	0	0	0	0
0.001264	0	0	0	0	0	0
0.001375	0	0	0	0	0	0

0.001651	0	0	0	0	0	0
0.001089	0	0	0	0	0	0
0.001365	0	0	0	0	0	0
0.001114	0	0	0	0	0	0
0.004318	0	0	0	0	0	0
0.002275	0	0	0	0	0	0
0.084689	0	0	0	0	0	0
0.001503	0	0	0	0	0	0
0.00102	0	0	0	0	0	0
0.000818	0	0	0	0	0	0
0.001392	0	0	0	0	0	0
0.001006	0	0	0	0	0	0
0.00105	0	0	0	0	0	0
0.000692	0	0	0	0	0	0
0.002627	0	0	0	0	0	0
0.005207	0	0	0	0	0	0
0.021957	0	0	0	6	0	6
0.038718	0	0	0	0	2	2
0.021928	0	0	0	5	0	5
0.093431	0.48	0	0	0	0	0
0.00173	0	0	0	0	0	0
0.019796	0	0	0	0	0	0
0.032387	0	0	0	0	0	0
0.029896	0	0	0	0	0	0
0.017419	0	0	0	0	12	12
0.000252	0	0	0	0	0	0
0.000335	0	0	0	0	0	0
0.002685	0	0	0	0	0	0
0.041119	0	0	0	0	0	0
0.020685	0	0	0	0	0	0
0.018896	0	0	0	0	0	0
0.030037	0	0	0	0	0	0
0.064102	0	0	0	0	0	0
0.047805	0	0	0	0	0	0
0.024021	0	0	0	0	0	0
0.02739	0	0	0	0	0	0
0.041792	0	0	0	0	0	0
0.034595	0	0	0	0	0	0
0.02084	0	0	0	0	0	0
0.03244	0	0	0	0	0	0
0.0147	0	0	0	0	0	0
0.015091	0	0	0	0	0	0
0.011423	0	0	0	0	0	0
0.012138	0	0	0	0	0	0
0.001865	0	0	0	0	2	2
0.002391	0	0	0	0	0	0
0.001306	0	0	0	0	0	0
0.003486	0	2	0	0	0	2
0.002798	0	0	0	0	0	0
0.002245	0	0	0	0	0	0

0.022741	0	0	0	0	0	0
0.002882	0	0	0	0	0	0
0.004465	0	0	0	0	0	0
0.002067	0	0	0	0	0	0
0.000818	0	0	0	0	0	0
0.01413	0	0	0	0	0	0
0.014378	0	0	0	0	0	0
0.011402	0	0	0	0	0	0
0.078695	0	0	0	0	0	0
0.046244	0	0	0	0	4	4
0.028999	0	4	0	0	0	4
0.029536	0	0	0	0	0	0
0.074024	0	0	0	0	0	0
0.114892	0	0	0	0	0	0
0.047088	0	0	0	0	0	0
0.04791	0	0	0	0	0	0
0.054737	0	0	0	0	0	0
0.055997	0	0	0	0	0	0
0.002022	0	0	0	0	0	0
0.002117	0	0	0	0	0	0
0.001649	0	0	0	0	0	0
0.001883	0	0	0	0	0	0
0.001575	0	0	0	0	0	0
0.000529	0	0	0	0	0	0
0.001837	0	0	0	0	0	0
0.007036	0	0	0	0	0	0
0.0027	0	0	0	0	0	0
0.101925	0	0	0	0	0	0
0.079139	0	0	3	0	0	3
0.035	0	0	0	0	0	0
0.069151	0	0	0	0	0	0
0.061196	0	0	0	0	0	0
0.066575	0	0	0	0	0	0
0.084267	0	0	0	0	0	0
0.099935	0	0	0	0	0	0
0.049189	0	0	0	0	0	0
0.037176	0	0	3	0	0	3
0.960903	0	0	0	0	0	0
0.042763	0	0	0	0	0	0
0.035039	0	0	0	0	0	0
0.098612	0	0	0	0	0	0
0.026099	0	0	0	0	0	0
0.01481	0	0	0	0	0	0
0.083514	0	0	0	0	5	5
0.061518	0	5	0	0	0	5
0.402015	0.09	0	9	15	0	24
0.058911	0	0	0	0	0	0
0.114484	0	0	0	0	0	0
0.096334	0	0	0	0	0	0
0.1418	0	0	0	0	0	0

0.03707	0	0	0	0	0	0
0.029804	0	0	0	0	0	0
0.89192	0	0	0	0	0	0
0.019172	0	0	0	0	0	0
0.028644	0	0	0	0	0	0
0.014944	0	0	0	0	0	0
0.005958	0	0	0	0	0	0
0.010115	0	0	0	0	0	0
0.020589	0	0	0	0	0	0
0.021352	0	0	0	0	0	0
0.072786	0	0	0	0	0	0
0.027435	0	0	0	0	0	0
0.019942	0	0	0	0	0	0
0.057536	0	0	0	0	0	0
0.030645	0	0	0	0	0	0
0.066988	0	0	0	0	0	0
0.030076	0	0	0	0	0	0
0.028582	0	0	0	0	0	0
0.020648	0	0	0	0	0	0
0.013565	0	0	0	0	0	0
0.026583	0	0	0	0	0	0
0.037281	0	0	0	0	0	0
0.02453	0	0	0	0	0	0
0.03115	0	0	0	0	0	0
0.04109	0	0	0	0	0	0
0.07825	0	0	0	0	0	0
0.039865	0	0	0	0	0	0
0.037203	0	0	0	0	0	0
0.066016	0	0	0	0	0	0
0.031163	0	0	0	0	0	0
0.091138	0	0	0	0	0	0
0.068001	0	0	0	0	0	0
0.131883	0	0	0	0	0	0
0.084587	0	0	0	0	5	5
0.013911	0	0	0	0	0	0
0.129469	0	0	0	0	0	0
0.029606	0	0	0	0	0	0
0.035141	0	0	0	0	0	0
0.32585	0	0	0	0	0	0
0.453227	0	0	0	0	0	0
0.32719	0	0	0	0	0	0
0.045378	0	0	0	0	0	0
0.462605	0.1	0	0	0	3	3
0.059926	0	3	0	0	0	3
0.054054	0	0	0	0	0	0
0.076743	0	0	0	0	0	0
0.069599	0	0	0	0	0	0
0.023098	0	0	0	0	0	0
0.126822	0	0	0	0	0	0
0.112703	0.01	0	0	0	0	0



0.091482	0	0	0	0	0	0
0.008252	0	0	0	0	0	0
0.029362	0	0	0	0	0	0
0.020394	0	0	0	0	0	0
0.008207	0	0	0	0	0	0
0.006748	0	0	0	0	0	0
0.094609	0.07	0	0	0	0	0
0.004541	0	0	0	0	0	0
0.018849	0	0	0	0	0	0
0.010931	0.02	0	0	0	0	0
0.005707	0	0	0	0	0	0
0.004907	0	0	0	0	0	0
0.1939	0	0	0	0	0	0
0.131859	0	0	0	0	0	0
0.127282	0	0	0	0	0	0
0.017986	0	0	0	0	0	0
0.013093	0	0	0	0	0	0
0.025383	0	0	0	0	0	0
0.014307	0	0	0	0	0	0
0.032611	0	0	0	0	0	0
0.010246	0	0	0	0	0	0
0.022405	0	0	0	0	0	0
0.027456	0	0	0	0	0	0
0.043313	0	0	0	0	0	0
0.034338	0	0	0	0	0	0
0.058769	0	0	0	0	0	0
0.031827	0	0	0	0	0	0
0.007196	0	0	0	0	0	0
0.007566	0	0	0	0	0	0
0.007279	0	0	0	0	0	0
0.015389	0	0	0	0	0	0
0.006358	0	0	0	0	0	0
0.012817	0	0	0	0	0	0
0.009142	0	0	0	0	3	3
0.004705	0	3	0	0	0	3
0.012784	0	0	0	0	0	0
0.014557	0	0	0	0	0	0
0.041672	0	0	0	0	0	0
0.025433	0	0	0	0	0	0
0.031235	0	0	0	0	0	0
0.045629	0	0	0	0	0	0
0.014469	0	0	0	0	0	0
0.030616	0	0	0	0	0	0
0.051045	0	0	0	0	0	0
0.062112	0	0	0	0	0	0
0.193912	0.01	0	0	0	0	0
0.027261	0	0	0	0	0	0
0.015053	0	0	0	0	0	0
0.007528	0	0	0	0	0	0
0.005246	0	0	0	0	0	0

0.01057	0	0	0	0	0	0
0.01286	0	0	0	0	0	0
0.012275	0	0	0	0	0	0
0.018606	0	0	0	0	0	0
0.008043	0	0	0	0	0	0
0.026806	0	0	0	0	0	0
0.015367	0	0	0	0	0	0
0.012632	0	0	0	0	0	0
0.219878	0	0	0	0	0	0
0.038076	0	0	0	0	0	0
0.003739	0	0	0	0	0	0
0.012233	0	0	0	0	0	0
0.021396	0	0	0	0	0	0
0.039324	0	0	0	0	0	0
0.09323	0	0	0	0	0	0
0.011055	0	0	0	0	0	0
0.19595	0	0	0	0	0	0
0.150785	0	0	0	0	0	0
0.049124	0	0	0	0	0	0
0.013037	0	0	0	0	0	0
0.047952	0	0	0	0	0	0
0.09669	0	0	0	0	0	0
0.065721	0	0	0	0	0	0
0.179036	0	0	0	0	0	0
0.130153	0	0	0	0	0	0
0.140551	0	0	0	0	0	0
0.045207	0	0	0	0	0	0
0.054736	0	0	0	0	0	0
0.058319	0	0	0	0	0	0
0.109036	0	0	0	0	0	0
0.048302	0	0	0	0	0	0
0.213898	0	0	0	0	0	0
0.075783	0	0	0	0	0	0
0.047273	0	0	0	0	3	3
0.101043	0	3	0	0	0	3
0.037301	0	0	0	0	0	0
0.055991	0	0	0	0	0	0
0.030728	0	0	0	0	0	0
0.031958	0	0	0	0	0	0
0.037087	0	0	0	0	0	0
0.026831	0	0	0	0	0	0
0.120211	0	0	0	0	0	0
0.069375	0	0	5	5	0	10
0.054976	0	0	0	0	0	0
0.033688	0	0	0	0	0	0
0.038153	0	0	0	0	0	0
0.005678	0	0	0	0	0	0
0.003214	0	0	0	0	0	0
0.002461	0	0	0	0	0	0
0.002951	0	0	0	0	0	0

0.002527	0	0	0	0	0	0
0.002989	0	0	0	0	0	0
0.001659	0	0	0	0	0	0
0.002326	0	0	0	0	0	0
0.00375	0	0	0	0	0	0
0.003972	0	0	0	0	0	0
0.003826	0	0	0	0	0	0
0.004281	0	0	0	0	0	0
0.00451	0	0	0	0	0	0
0.003622	0	0	0	0	0	0
0.00632	0	0	0	0	0	0
0.003768	0	0	0	0	0	0
0.117869	0	0	0	0	0	0
0.02033	0	0	0	0	0	0
0.023713	0	0	0	0	0	0
0.02013	0	0	0	0	0	0
0.024214	0	0	0	0	0	0
0.023187	0	0	0	0	0	0
0.027103	0	0	0	0	0	0
0.020568	0	0	0	0	0	0
0.021078	0	0	0	0	0	0
0.025234	0	0	0	0	0	0
0.029849	0	0	0	0	0	0
0.053581	0	0	0	0	0	0
0.013509	0	0	0	0	0	0
0.020908	0	0	0	0	0	0
0.013685	0	0	0	0	0	0
0.01537	0	0	0	0	0	0
0.01681	0	0	0	0	0	0
0.015823	0	0	0	0	0	0
0.013927	0	0	0	0	0	0
0.012966	0	0	0	0	0	0
0.014845	0	0	0	0	0	0
0.010155	0	0	0	0	0	0
0.041485	0	0	0	0	0	0
0.008592	0	0	0	0	0	0
0.006796	0	0	0	0	0	0
0.0176	0	0	0	0	0	0
0.007262	0	0	0	0	0	0
0.008579	0	0	0	0	0	0
0.008744	0	0	0	0	0	0
0.010755	0	0	0	0	0	0
0.011025	0	0	0	0	0	0
0.005933	0	0	0	0	0	0
0.006081	0	0	0	0	0	0
0.027268	0	0	0	0	0	0
0.010495	0	0	0	0	0	0
0.007102	0	0	0	0	0	0
0.004931	0	0	0	0	1	1
0.0052	0	1	0	0	0	1

0.005209	0	0	0	0	0	0
0.004065	0	0	0	0	0	0
0.006482	0	0	0	0	0	0
0.007474	0	0	0	0	0	0
0.005107	0	0	0	0	0	0
0.003266	0	0	0	0	0	0
0.028407	0	0	0	0	0	0
0.002558	0	0	0	0	0	0
0.008531	0	0	0	0	0	0
0.003634	0	0	0	0	0	0
0.00431	0	0	0	0	0	0
0.003134	0	0	0	0	0	0
0.002506	0	0	0	0	0	0
0.004643	0	0	0	0	0	0
0.002272	0	0	0	0	0	0
0.002238	0	0	0	0	0	0
0.001528	0	0	0	0	0	0
0.032105	0	0	0	0	0	0
0.001759	0	0	0	0	0	0
0.00144	0	0	0	0	0	0
0.001411	0	0	0	0	0	0
0.006729	0	0	0	0	0	0
0.005202	0	0	0	0	0	0
0.007311	0	0	0	0	0	0
0.002749	0	0	0	0	0	0
0.001978	0	0	0	0	0	0
0.003027	0	0	0	0	0	0
0.001469	0	0	0	0	0	0
0.028499	0	0	0	0	0	0
0.002231	0	0	0	0	0	0
0.005723	0	0	0	0	0	0
0.003412	0	0	0	0	0	0
0.01277	0	0	0	0	0	0
0.001351	0	0	0	0	0	0
0.002254	0	0	0	0	0	0
0.003951	0	0	0	0	0	0
0.033942	0	0	0	0	0	0
0.022386	0	0	0	0	0	0
0.050847	0	0	0	0	0	0
0.002601	0	0	0	0	0	0
0.002282	0	0	0	0	0	0
0.001832	0	0	0	0	0	0
0.013291	0	0	0	0	0	0
0.019046	0	0	0	0	0	0
0.002512	0	0	0	0	0	0
0.005909	0	0	0	0	0	0
0.004402	0	0	0	0	2	2
0.007832	0	2	0	0	0	2
0.003814	0	0	0	0	0	0
0.003267	0	0	0	0	0	0

0.005178	0	0	0	0	0	0
0.004962	0	0	0	0	0	0
0.005701	0	0	0	0	0	0
0.019008	0	0	0	0	0	0
0.018677	0	0	0	0	0	0
0.00635	0	0	0	0	0	0
0.01334	0	0	0	0	0	0
0.004752	0	0	0	0	0	0
0.007338	0	0	0	0	0	0
0.005732	0	0	0	0	0	0
0.003066	0	0	0	0	0	0
0.023357	0	0	0	0	0	0
0.020115	0	0	0	0	0	0
0.017553	0	0	0	0	0	0
0.016133	0	0	0	0	0	0
0.017879	0	0	0	0	0	0
0.057832	0	0	4	2	0	6
0.038158	0	0	0	0	0	0
0.004003	0	0	0	0	0	0
0.002684	0	0	0	0	0	0
0.003173	0	0	0	0	0	0
0.003131	0	0	0	0	0	0
0.007455	0	0	0	0	0	0
0.00989	0	0	0	0	0	0
0.003981	0	0	0	0	0	0
0.008082	0	0	0	0	0	0
0.062037	0	0	0	0	0	0
0.091105	0	0	0	0	0	0
0.003907	0	0	0	0	0	0
0.000378	0	0	0	0	0	0
0.007503	0	0	0	0	0	0
0.002314	0	0	0	0	0	0
0.001282	0	0	0	0	0	0
0.009775	0	0	0	0	0	0
0.006398	0	0	0	0	0	0
0.014433	0	0	0	0	0	0
0.005288	0	0	0	0	0	0
0.006046	0	0	0	0	3	3
0.007195	0	3	0	0	0	3
0.015369	0	0	0	0	1	1
0.026228	0	1	0	0	0	1
0.00764	0	0	0	0	0	0
0.005236	0	0	0	0	0	0
0.007485	0	0	0	0	0	0
0.005189	0	0	0	0	0	0
0.00576	0	0	4	0	0	4
0.007405	0	0	0	0	0	0
0.189919	0.01	0	0	0	0	0
0.015174	0	0	0	0	0	0
0.013772	0	0	0	0	0	0

0.015701	0	0	0	0	0	0
0.011728	0	0	0	0	0	0
0.007675	0	0	0	0	0	0
0.01249	0	0	0	0	0	0
0.013109	0	0	0	0	0	0
0.018838	0	0	0	0	0	0
0.086424	0	0	0	0	1	1
0.094859	0	1	0	0	0	1
0.057891	0	0	0	0	0	0
0.031389	0	0	0	0	0	0
0.024539	0	0	0	0	0	0
0.015877	0	0	0	0	0	0
0.019306	0	0	0	0	0	0
0.015905	0	0	0	0	0	0
0.02188	0	0	0	0	0	0
0.021053	0	0	0	0	0	0
0.081641	0	0	3	0	0	3
0.01149	0	0	0	0	0	0
0.037808	0	0	0	0	0	0
0.036048	0	0	0	0	0	0
0.015013	0	0	0	0	0	0
0.014244	0	0	0	0	0	0
0.015513	0	0	0	0	8	8
0.011578	0	8	0	0	0	8
0.025644	0	0	0	0	0	0
0.007156	0	0	0	0	0	0
0.01493	0	0	0	0	0	0
0.009004	0	0	0	0	0	0
0.007522	0	0	0	0	0	0
0.009144	0	0	0	0	0	0
0.034403	0	0	5	0	0	5
0.082053	0	0	0	0	0	0
0.025	0	0	0	0	0	0
0.012911	0	0	0	0	7	7
0.009864	0	7	0	0	0	7
0.009639	0	0	0	0	0	0
0.038757	0	0	0	4	0	4
0.026562	0	0	0	0	0	0
0.007039	0	0	0	0	0	0
0.007907	0	0	0	0	0	0
0.014841	0	0	0	0	0	0
0.019973	0	0	0	0	0	0
0.020188	0	0	0	0	0	0
0.015992	0	0	0	0	0	0
0.007495	0	0	0	0	0	0
0.038063	0	0	0	0	0	0
0.005135	0	0	0	0	0	0
0.004917	0	0	0	0	0	0
0.004398	0	0	0	0	0	0
0.164626	0	0	0	0	0	0

0.009183	0	0	0	0	0	0
0.046755	0	0	0	0	0	0
0.013184	0	0	0	0	0	0
0.006648	0	0	0	0	0	0
0.010271	0	0	0	0	0	0
0.004975	0	0	0	0	0	0
0.006459	0	0	0	0	0	0
0.078225	0	0	0	0	0	0
0.017837	0	0	0	0	0	0
0.027272	0	0	0	0	0	0
0.027133	0	0	0	0	0	0
0.063721	0	0	0	0	0	0
0.048291	0	0	0	0	0	0
0.048584	0	0	0	0	0	0
0.255502	0	0	0	0	0	0
0.020259	0	0	0	0	0	0
0.012527	0	0	0	0	0	0
0.019945	0	0	0	0	0	0
0.012126	0	0	0	0	0	0
0.011681	0	0	0	0	0	0
0.015625	0	0	0	0	0	0
0.009713	0	0	0	0	0	0
0.011402	0	0	0	0	0	0
0.005318	0	0	0	0	0	0
0.281678	0	0	0	0	0	0
0.025028	0	0	0	0	0	0
0.037095	0	0	0	0	0	0
0.036391	0.24	0	0	0	0	0
0.039789	0	0	0	0	0	0
0.061613	0	0	0	0	0	0
0.046896	0	0	0	0	0	0
0.054054	0	0	0	0	0	0
0.108894	0	0	0	0	0	0
0.041288	0	0	0	0	0	0
0.131565	0	0	0	0	0	0
0.028797	0	0	0	0	0	0
0.013689	0	0	0	0	0	0
0.006199	0	0	0	0	0	0
0.022362	0	0	0	0	0	0
0.050182	0	0	0	0	0	0
0.104658	0	0	0	0	0	0
0.051732	0	0	0	0	0	0
0.045775	0	0	0	0	0	0
0.07067	0	0	0	0	0	0
0.067813	0	0	0	0	0	0
0.024137	0	0	0	0	0	0
0.029534	0	0	0	0	0	0
0.008937	0	0	0	0	0	0
0.04239	0	0	0	0	0	0
0.021198	0	0	0	0	0	0

0.047654	0	0	0	0	0	0
0.01699	0	0	0	0	0	0
0.00698	0	0	0	0	0	0
0.026296	0	0	0	0	0	0
0.260707	0	0	6	0	0	6
0.022813	0	0	0	0	0	0
0.060287	0	0	0	0	0	0
0.074641	0	0	0	0	0	0
0.050931	0	0	0	0	0	0
0.067247	0	0	0	0	0	0
0.155093	0	0	0	0	0	0
0.264862	0	0	0	0	0	0
0.071069	0	0	0	0	0	0
0.082256	0	0	0	0	0	0
0.036013	0	0	0	0	0	0
0.026392	0	0	0	0	0	0
0.010836	0	0	0	0	0	0
0.004801	0	0	0	0	0	0
0.038416	0	0	0	0	0	0
0.020983	0	0	0	0	0	0
0.013964	0	0	0	0	0	0
0.021179	0	0	0	0	0	0
0.006503	0	0	0	0	0	0
0.009057	0	0	0	0	0	0
0.00854	0	0	0	0	0	0
0.009034	0	0	0	0	0	0
0.012343	0	0	0	0	0	0
0.00737	0	0	0	0	0	0
0.011596	0	0	0	0	0	0
0.00947	0	0	0	0	0	0
0.006146	0	0	0	0	0	0
0.004354	0	0	0	0	0	0
0.014485	0	0	0	0	0	0
0.01372	0	0	0	0	0	0
0.013184	0	0	0	0	0	0
0.00456	0	0	0	0	0	0
0.005921	0	0	0	0	0	0
0.003451	0	0	0	0	0	0
0.004121	0	0	0	0	0	0
0.0043	0	0	0	0	0	0
0.004377	0	0	0	0	0	0
0.011712	0	0	0	0	0	0
0.017244	0	0	0	0	0	0
0.016324	0	0	0	0	0	0
0.009029	0	0	0	0	0	0
0.011146	0	0	0	0	0	0
0.025398	0	0	0	0	0	0
0.007534	0	0	0	0	0	0
0.00819	0	0	0	0	0	0
0.199419	0	0	0	0	0	0



0.159425	0.07	0	0	0	0	0
0.108224	0	0	0	0	0	0
0.256501	0	0	0	0	0	0
0.341934	0	0	0	0	0	0
0.023684	0	0	0	0	0	0
0.1036	0	0	0	0	0	0
0.028411	0	0	0	0	0	0
0.236313	0	0	0	0	0	0
0.068241	0	0	0	0	0	0
0.097833	0	0	0	0	0	0
0.625236	0.21	0	0	0	0	0
0.121326	0	0	0	0	0	0
0.011625	0	0	0	0	0	0
0.003809	0	0	0	0	0	0
0.03294	0	0	0	0	0	0
0.041117	0	0	0	0	0	0
0.068569	0	0	0	0	0	0
0.005962	0	0	0	0	0	0
0.003127	0	0	0	0	0	0
0.005006	0	0	0	0	0	0
0.002167	0	0	0	0	0	0
0.002227	0	0	0	0	0	0
0.013385	0	0	0	0	0	0
0.015825	0	0	0	0	0	0
0.016356	0	0	0	0	0	0
0.256871	0.02	0	0	0	0	0
0.036387	0	0	0	0	0	0
0.090302	0	0	0	0	0	0
0.004917	0	0	0	0	0	0
0.003401	0	0	0	0	0	0
0.003592	0	0	0	0	0	0
0.002679	0	0	0	0	0	0
0.016597	0	0	0	0	0	0
0.008781	0	0	0	0	0	0
0.06333	0	0	0	0	0	0
0.044343	0	0	0	0	0	0
0.056993	0	0	0	0	0	0
0.063789	0	0	0	0	0	0
0.113518	0	0	0	0	0	0
0.09722	0	0	0	0	0	0
0.104174	0	0	0	0	0	0
0.005463	0	0	0	0	0	0
0.006198	0	0	0	0	0	0
0.033494	0	0	0	0	0	0
0.004049	0	0	0	0	0	0
0.002481	0	0	0	0	0	0
0.003955	0	0	0	0	0	0
0.013052	0	0	0	0	0	0
0.008225	0	0	0	0	0	0
0.009323	0	0	0	0	0	0

0.015561	0	0	0	0	0	0
0.041102	0	0	0	0	0	0
0.004947	0	0	0	0	0	0
0.10865	0	0	0	0	0	0
0.123652	0	0	0	0	0	0
0.042664	0	0	0	0	0	0
0.00625	0	0	0	0	0	0
0.004169	0	0	0	0	0	0
0.009158	0	0	0	0	0	0
0.007815	0	0	0	0	0	0
0.005492	0	0	0	0	0	0
0.007305	0	0	0	0	0	0
0.010495	0	0	0	0	0	0
0.007162	0	0	0	0	0	0
0.008803	0	0	0	0	0	0
0.012562	0	0	0	0	0	0
0.011658	0	0	0	0	0	0
0.012475	0	0	0	0	0	0
0.010854	0	0	0	0	0	0
0.011343	0	0	0	0	0	0
0.015839	0	0	0	0	0	0
0.01463	0	0	0	0	0	0
0.023103	0	0	0	0	0	0
0.023279	0	0	0	0	0	0
0.014933	0	0	0	0	0	0
0.031901	0	0	0	0	0	0
0.061	0	0	0	0	0	0
0.024398	0	0	0	0	0	0
0.014898	0	0	0	0	0	0
0.235818	0	1	0	0	0	1
0.043086	0	0	0	0	0	0
0.027392	0	0	0	0	0	0
0.021667	0	0	0	0	0	0
0.020312	0	0	0	0	0	0
0.019552	0	0	0	0	0	0
0.016069	0	0	0	0	0	0
0.050013	0	0	0	0	0	0
0.000144	0	0	0	0	0	0
0.000549	0	0	0	0	0	0
0.000318	0	0	0	0	0	0
0.000554	0	0	0	0	0	0
0.045416	0	0	0	0	0	0
0.000775	0	0	0	0	0	0
0.001357	0	0	0	0	0	0
0.001472	0	0	0	0	0	0
0.00023	0	0	0	0	0	0
0.060943	0	0	0	0	0	0
0.019939	0	0	0	0	0	0
0.031224	0	0	0	0	0	0
0.042431	0	0	0	0	0	0

0.018273	0	0	0	0	0	0
0.014202	0	0	0	0	0	0
0.118278	0	0	0	0	0	0
0.040709	0	0	0	0	0	0
0.011671	0	0	0	0	0	0
0.010832	0	0	0	0	0	0
0.015519	0	0	0	0	0	0
0.017132	0	0	0	0	0	0
0.025519	0	0	0	0	0	0
0.011394	0	0	0	0	0	0
0.010127	0	0	0	0	0	0
0.01946	0	0	0	0	0	0
0.009383	0	0	0	0	0	0
0.001242	0	0	0	0	0	0
0.000512	0	0	0	0	0	0
0.000948	0	0	0	0	0	0
0.000674	0	0	0	0	0	0
0.000335	0	0	0	0	0	0
0.001109	0	0	0	0	0	0
0.002043	0	0	0	0	0	0
0.149134	0.04	0	0	0	0	0
0.027214	0	0	0	0	0	0
0.089469	0	0	0	0	0	0
0.139453	0	0	0	0	0	0
0.015139	0	0	0	0	0	0
0.233959	0	0	0	0	0	0
0.176108	0	0	0	0	0	0
0.243918	0	0	0	0	0	0
0.108895	0	0	0	0	0	0
0.0871	0	0	0	0	0	0
0.056857	0	0	0	0	4	4
0.133627	0	0	0	0	0	0
0.056932	0	0	0	0	0	0
0.112182	0	0	0	0	0	0
0.062401	0	0	0	0	0	0
0.091039	0	0	0	0	0	0
0.348038	0.05	0	0	0	0	0
0.044769	0	0	0	0	0	0
0.01292	0	0	0	0	0	0
0.007386	0	0	0	0	0	0
0.050591	0	0	0	0	0	0
0.030997	0	0	0	0	0	0
0.005436	0	0	0	0	0	0
0.083041	0.01	0	0	0	0	0
0.025503	0	0	0	0	0	0
0.126174	0.07	0	0	0	0	0
0.00427	0	0	0	0	0	0
0.004012	0	0	0	0	0	0
0.001365	0	0	0	0	0	0
0.003156	0	0	0	0	0	0

0.009311	0	0	0	0	0	0
0.047295	0	0	0	0	0	0
0.047964	0	0	0	0	0	0
0.042273	0	0	0	0	0	0
0.059862	0	0	0	0	0	0
0.05302	0	0	0	0	0	0
0.028245	0	0	0	0	0	0
0.031268	0	0	0	0	0	0
0.032111	0	0	0	0	0	0
0.087902	0	0	0	0	0	0
0.05116	0	0	0	0	0	0
0.291704	0.07	0	0	0	0	0
0.081073	0	0	0	0	0	0
0.123398	0	0	0	0	0	0
0.116225	0	0	0	0	0	0
0.101987	0	0	0	0	0	0
0.755113	0	0	0	0	0	0
0.048219	0	0	0	0	0	0
0.070894	0	0	0	0	0	0
0.023772	0	0	0	0	0	0
0.034321	0	0	0	0	0	0
0.214888	0.04	0	0	0	0	0
0.111341	0	0	0	0	0	0
0.053296	0	0	0	0	0	0
0.026806	0	0	0	0	0	0
0.06788	0	0	0	0	0	0
0.059358	0	0	0	0	0	0
0.041603	0	0	0	0	0	0
0.409202	0	0	0	0	0	0
0.052835	0	0	0	0	0	0
0.057737	0	0	0	0	0	0
0.042869	0	0	0	0	0	0
0.045861	0	0	0	0	0	0
0.038296	0	0	0	0	0	0
0.055578	0	0	0	0	0	0
0.025545	0	0	0	0	0	0
0.006079	0	0	0	0	0	0
0.006037	0	0	0	0	0	0
0.015149	0	0	0	0	0	0
0.012985	0	0	0	0	0	0
0.008856	0	0	0	0	0	0
0.010421	0	0	0	0	0	0
0.029611	0	0	0	0	0	0
0.011809	0	0	0	0	0	0
0.036837	0	0	0	0	0	0
0.063786	0	0	0	0	0	0
0.083175	0	0	0	0	0	0
0.025263	0	0	0	0	0	0
0.026107	0	0	0	0	0	0
0.024066	0	0	0	0	0	0

0.049345	0	0	0	0	0	0
0.022619	0	0	0	0	0	0
0.018838	0	0	0	0	0	0
0.07534	0	0	0	0	0	0
0.014053	0	0	0	0	0	0
0.015356	0	0	0	0	0	0
0.048142	0	0	0	0	0	0
0.024534	0	0	0	0	0	0
0.043832	0	0	0	0	0	0
0.020522	0	0	0	0	0	0
0.017351	0	0	0	0	0	0
0.015143	0	0	0	0	0	0
0.016089	0	0	0	0	0	0
0.05825	0	0	0	0	0	0
0.018832	0	0	0	0	0	0
0.021764	0	0	0	0	0	0
0.010312	0	0	0	0	0	0
0.053725	0	0	0	0	0	0
0.04214	0	0	0	0	0	0
0.037318	0	0	0	0	0	0
0.029268	0	0	0	0	0	0
0.025058	0	0	0	0	0	0
0.021596	0	0	0	0	0	0
0.039443	0	0	0	0	0	0
0.021321	0	0	0	0	0	0
0.00018	0	0	0	0	0	0
0.000261	0	0	0	0	0	0
0.002745	0	0	0	0	0	0
0.065668	0	0	0	0	0	0
0.03633	0	0	0	0	0	0
0.026945	0	0	0	0	0	0
0.088127	0	0	0	0	0	0
0.060741	0	0	0	0	0	0
0.05371	0	0	0	0	0	0
0.06649	0	0	0	0	0	0
0.055496	0	0	0	0	0	0
0.28729	0	0	0	0	0	0
0.05985	0	0	0	0	0	0
0.074105	0	0	0	0	0	0
0.024267	0	0	0	0	0	0
0.019013	0	0	0	0	0	0
0.026527	0	0	0	0	0	0
0.056192	0	0	0	0	0	0
0.056407	0	0	0	0	0	0
0.06704	0	0	0	0	0	0
0.012939	0	0	0	0	0	0
0.014617	0	0	0	0	0	0
0.022014	0	0	0	0	0	0
0.012807	0	0	0	0	0	0
0.009464	0	0	0	0	0	0

0.010449	0	0	0	0	0	0
0.012238	0	0	0	0	0	0
0.009039	0	0	0	0	0	0
0.012581	0	0	0	0	0	0
0.009176	0	0	0	0	0	0
0.039351	0	0	0	0	0	0
0.008993	0	0	0	0	0	0
0.00746	0	0	0	0	0	0
0.00564	0	0	0	0	0	0
0.031799	0	0	0	0	0	0
0.004872	0	0	0	0	0	0
0.003436	0	0	0	0	0	0
0.003166	0	0	0	0	0	0
0.00785	0	0	0	0	0	0
0.008677	0	0	0	0	0	0
0.036834	0	0	0	0	0	0
0.036388	0	0	0	0	0	0
0.077586	0	0	0	0	0	0
0.03167	0	0	0	0	0	0
0.020034	0	0	0	0	0	0
0.013763	0	0	0	0	0	0
0.017733	0	0	0	0	0	0
0.009058	0	0	0	0	0	0
0.119488	0	0	0	0	0	0
0.02718	0	0	0	0	0	0
0.011953	0	0	0	0	0	0
0.012238	0	0	0	0	0	0
0.03687	0	0	0	0	0	0
0.024384	0	0	0	0	0	0
0.014138	0	0	0	0	0	0
0.022562	0	0	0	0	0	0
0.043194	0	0	0	0	0	0
0.017532	0	0	0	0	0	0
0.002552	0	0	11	3	15	29
0.007076	0	0	0	0	0	0
0.000662	0	0	0	0	0	0
0.000611	0	0	0	0	0	0
0.000519	0	0	0	0	0	0
0.000492	0	0	0	0	0	0
0.001487	0	0	0	0	0	0
0.002169	0	0	0	0	0	0
0.002134	0	0	0	0	0	0
0.006378	0	0	0	0	0	0
0.002886	0	0	0	0	0	0
0.007364	0	0	2	2	0	4
0.167697	0.35	0	0	0	0	0
0.000725	0	0	0	0	0	0
0.00223	0	0	0	0	0	0
0.000611	0	0	0	0	0	0
0.000573	0	0	0	0	0	0

0.007308	0	0	0	0	0	0
0.132638	0.02	0	0	0	0	0
0.006002	0	0	0	0	0	0
0.000408	0	2	0	0	15	17
0.00029	0	15	0	0	16	31
0.000905	0	16	0	0	0	16
0.000389	0	0	23	23	0	46
0.002016	0	0	0	0	0	0
0.00079	0	0	0	0	0	0
0.000649	0	0	0	0	10	10
0.000737	0	0	3	3	0	6
0.068621	0	0	0	0	0	0
0.015069	0	0	0	0	0	0
0.031341	0	0	0	0	0	0
0.021383	0	0	0	0	0	0
0.046301	0	0	0	0	0	0
0.045164	0	0	0	0	0	0
0.012677	0	0	0	0	0	0
0.010925	0	0	0	0	0	0
0.013742	0	0	0	0	0	0
0.027229	0	0	0	0	0	0
0.040411	0	0	0	0	0	0
0.029659	0	0	0	0	0	0
0.026925	0	0	0	0	0	0
0.018803	0	0	0	0	0	0
0.015159	0	0	0	0	0	0
0.01641	0	0	0	0	0	0
0.010702	0	0	0	0	0	0
0.085483	0	0	0	0	0	0
0.030203	0	0	0	0	0	0
0.018553	0	0	0	0	0	0
0.033978	0	0	0	0	0	0
0.016293	0	0	0	0	0	0
0.015589	0	0	0	0	0	0
0.045184	0	0	0	0	0	0
0.024195	0	0	0	0	0	0
0.021829	0	0	0	0	0	0
0.021019	0	0	0	0	0	0
0.018818	0	0	0	0	0	0
0.07873	0	0	0	0	0	0
0.031271	0	0	0	0	0	0
0.134573	0	0	0	0	0	0
0.006101	0	0	0	0	0	0
0.005739	0	0	0	0	0	0
0.005357	0	0	0	0	0	0
0.004713	0	0	0	0	0	0
0.003914	0	0	0	0	0	0
0.143119	0	0	0	0	0	0
0.312144	0	0	0	0	0	0
0.10247	0	0	0	0	0	0

0.052019	0	0	0	0	0	0
0.282042	0	0	0	0	0	0
0.051479	0	0	0	0	0	0
0.233521	0	0	0	0	0	0
0.265476	0	0	0	0	0	0
0.060929	0	0	0	0	0	0
0.228764	0	0	0	0	0	0
0.016365	0	0	0	0	0	0
0.052967	0	0	0	0	0	0
0.099244	0	0	0	0	0	0
0.022435	0	0	0	0	0	0
0.029227	0	0	0	0	0	0
0.028952	0	0	0	0	0	0
0.013656	0	0	0	0	0	0
0.013363	0	0	0	0	0	0
0.013861	0	0	0	0	0	0
0.007142	0	0	0	0	0	0
0.007697	0	0	0	0	0	0
0.004855	0	0	0	0	0	0
0.004604	0	0	0	0	0	0
0.002377	0	0	0	0	0	0
0.004561	0	0	0	0	0	0
0.006861	0	0	0	0	0	0
0.00331	0	0	0	0	0	0
0.00255	0	0	0	0	0	0
0.013085	0	0	0	0	0	0
0.044939	0	0	0	0	0	0
0.066962	0	0	0	0	0	0
0.059948	0	0	0	0	0	0
0.12865	0	0	0	0	0	0
0.04749	0	0	0	0	0	0
0.035016	0	0	0	0	0	0
0.077484	0	0	0	0	0	0
0.159239	0	0	0	0	0	0
0.055421	0	0	0	0	0	0
0.028068	0	0	0	0	0	0
0.041141	0	0	0	0	0	0
0.038393	0	0	0	0	0	0
0.039016	0	0	0	0	0	0
0.003074	0	0	0	0	0	0
0.004893	0	0	0	0	0	0
0.003309	0	0	0	0	0	0
0.01745	0	0	0	0	0	0
0.052015	0	0	0	0	0	0
0.072017	0	0	0	0	0	0
0.042664	0	0	0	0	0	0
0.04002	0	0	0	0	0	0
0.047679	0	0	0	0	0	0
0.04026	0	0	0	0	0	0
0.04079	0	0	0	0	0	0



0.033234	0	0	0	0	0	0
0.045362	0	0	0	0	0	0
0.028456	0	0	0	0	0	0
0.056048	0	0	0	0	0	0
0.104192	0	0	0	0	0	0
0.048043	0	0	0	0	0	0
0.060903	0	0	0	0	0	0
0.037685	0	0	0	0	0	0
0.035031	0	0	0	0	0	0
0.015261	0	0	0	0	0	0
0.003904	0	0	0	0	0	0
0.005543	0	0	0	0	0	0
0.007756	0	0	0	0	0	0
0.004731	0	0	0	0	0	0
0.004061	0	0	0	0	0	0
0.00369	0	0	0	0	0	0
0.003411	0	0	0	0	0	0
0.00547	0	0	0	0	0	0
0.015523	0	0	0	0	0	0
0.008736	0	0	0	0	0	0
0.036671	0	0	0	0	0	0
0.012244	0	0	0	0	0	0
0.003511	0	0	0	0	0	0
0.006368	0	0	0	0	0	0
0.005434	0	0	0	0	0	0
0.014898	0	0	0	0	0	0
0.0099	0	0	0	0	0	0
0.007006	0	0	0	0	0	0
0.007346	0	0	0	0	0	0
0.006024	0	0	0	0	0	0
0.011929	0	0	0	0	0	0
0.066112	0	0	0	0	0	0
0.065174	0	0	0	0	0	0
0.049108	0	0	0	0	0	0
0.061293	0	0	0	0	0	0
0.062166	0	0	0	0	0	0
0.052709	0	0	0	0	0	0
0.045649	0	0	0	0	0	0
0.040924	0	0	0	0	0	0
0.049754	0	0	0	0	0	0
0.04093	0	0	0	0	0	0
0.0636	0	0	0	0	0	0
0.120593	0	0	0	0	0	0
0.072603	0	0	0	0	0	0
0.032871	0	0	0	0	0	0
0.049152	0	0	0	0	0	0
0.029998	0	0	0	0	0	0
0.036481	0	0	0	0	0	0
0.050526	0	0	0	0	0	0
0.124126	0	0	0	0	0	0

0.028204	0	0	0	0	0	0
0.033068	0	0	0	0	0	0
0.024566	0	0	0	0	0	0
0.024858	0	0	0	0	0	0
0.048075	0	0	0	0	0	0
0.040961	0	0	0	0	0	0
0.086436	0	0	0	0	0	0
0.049129	0	0	0	0	0	0
0.061101	0	0	0	0	0	0
0.056795	0	0	0	0	0	0
0.057936	0	0	0	0	0	0
0.069579	0	0	0	0	0	0
0.017042	0	0	0	0	0	0
0.018246	0	0	0	0	0	0
0.009586	0	0	0	0	0	0
0.01431	0	0	0	0	0	0
0.011136	0	0	0	0	0	0
0.018168	0	0	0	0	0	0
0.004704	0	0	0	0	0	0
0.003893	0	0	0	0	0	0
0.008184	0	0	0	0	0	0
0.008744	0.03	0	0	0	0	0
0.01201	0.01	0	0	0	0	0
0.007198	0	0	0	0	0	0
0.006178	0	0	0	0	0	0
0.006092	0	0	0	0	0	0
0.065196	0.06	0	0	0	0	0
0.084567	0.22	0	0	0	0	0
0.077437	0.21	0	0	0	0	0
0.036031	0.16	0	0	0	0	0
0.039516	0.22	0	0	0	0	0
0.009852	0	0	0	0	0	0
0.020885	0	0	0	0	0	0
0.012631	0	0	0	0	0	0
0.024366	0	0	0	0	0	0
0.020735	0	0	0	0	0	0
0.01372	0	0	0	0	0	0
0.032336	0	0	0	0	0	0
0.04244	0	0	0	0	0	0
0.60749	0.21	0	0	0	0	0
0.009019	0	0	0	0	0	0
0.048526	0.01	0	0	0	3	3
0.045247	0	3	0	0	0	3
0.091902	0	0	0	0	0	0
0.094851	0	0	0	0	0	0
0.018529	0	0	0	0	0	0
0.320672	0.05	0	0	0	0	0
0.3686	0	0	0	0	0	0
0.070891	0	0	0	0	0	0
0.054353	0	0	0	0	0	0

0.100711	0	0	0	0	0	0
0.037172	0	0	0	0	0	0
0.001201	0	0	0	0	0	0
0.003927	0	0	0	0	0	0
0.007368	0	0	0	0	0	0
0.005332	0	0	0	0	0	0
0.016383	0	0	0	0	0	0
0.050354	0	0	0	0	0	0
0.026082	0	0	0	0	0	0
0.025087	0	0	0	0	0	0
0.004922	0	0	0	0	0	0
0.010868	0	0	0	0	0	0
0.003718	0	0	0	0	0	0
0.003404	0	0	0	0	0	0
0.005387	0	0	0	0	0	0
0.043887	0	0	0	0	0	0
0.081046	0	0	0	0	0	0
0.008007	0	0	0	0	0	0
0.011601	0	0	0	0	4	4
0.009692	0	4	0	0	0	4
0.003874	0	0	0	0	0	0
0.036783	0	0	0	0	0	0
0.00503	0	0	0	0	0	0
0.01783	0	0	0	0	0	0
0.090578	0	0	0	0	0	0
0.056522	0	0	0	0	0	0
0.00642	0	0	0	0	0	0
0.00727	0	0	0	0	0	0
0.057826	0	0	0	0	0	0
0.017757	0	0	0	0	0	0
0.130359	0	0	0	0	0	0
0.014622	0	0	0	0	0	0
0.042966	0	0	0	0	0	0
0.111978	0	0	0	0	4	4
0.008207	0	4	0	0	0	4
0.001995	0	0	0	0	0	0
0.010834	0	0	0	0	0	0
0.009961	0	0	0	0	6	6
0.003855	0	6	0	0	0	6
0.001461	0	0	0	0	0	0
0.000512	0	0	0	0	0	0
0.00479	0	0	0	0	0	0
0.004619	0.01	0	0	0	0	0
0.003209	0	0	0	0	0	0
0.004858	0	0	0	0	0	0
0.002076	0	0	0	0	0	0
0.004116	0	0	0	0	0	0
0.005531	0	0	0	0	0	0
0.057442	0.1	0	0	0	0	0
0.030103	0.01	0	0	0	0	0

0.002992	0	0	0	0	0	0
0.005802	0	0	0	0	0	0
0.005986	0	0	0	0	0	0
0.016093	0	0	0	0	0	0
0.035104	0	0	0	0	0	0
0.03829	0	0	0	0	0	0
0.016677	0	0	0	0	0	0
0.03713	0	0	0	0	0	0
0.005405	0	0	0	0	0	0
0.001985	0	0	0	0	0	0
0.005884	0	0	0	0	11	11
0.030165	0.03	11	3	0	0	14
0.001677	0	0	0	0	5	5
0.001204	0	5	0	0	0	5
0.044344	0	0	0	0	0	0
0.049303	0	0	0	0	0	0
0.046453	0	0	0	0	0	0
0.143592	0	0	0	0	0	0
0.064417	0	0	0	0	0	0
0.038306	0	0	0	0	0	0
0.085995	0	0	0	0	0	0
0.053329	0	0	0	0	0	0
0.066932	0	0	0	0	0	0
0.04829	0	0	0	0	0	0
0.029054	0	0	0	0	0	0
0.034787	0	0	0	0	0	0
0.048112	0	0	0	0	0	0
0.082174	0	0	0	0	0	0
0.051288	0	0	0	0	0	0
0.021433	0	0	0	0	0	0
0.0588	0	0	0	0	0	0
0.03156	0	0	0	0	0	0
0.038188	0	0	0	0	0	0
0.027634	0	0	0	0	0	0
0.040475	0	0	0	0	0	0
0.012815	0	0	0	0	0	0
0.011424	0	0	0	0	0	0
0.009965	0	0	0	0	0	0
0.106969	0	0	0	0	0	0
0.010974	0	0	0	0	0	0
0.007125	0	0	0	0	3	3
0.008133	0	3	0	0	0	3
0.014226	0	0	0	0	0	0
0.012541	0	0	0	0	0	0
0.012462	0	0	0	0	0	0
0.033167	0	0	0	0	0	0
0.026824	0	0	0	0	0	0
0.005965	0	0	0	0	0	0
0.131755	0	0	0	0	0	0
0.119111	0	0	0	0	0	0

0.023882	0	0	0	0	0	0
0.023965	0	0	0	0	0	0
0.027479	0	0	0	0	0	0
0.017414	0	0	0	0	0	0
0.029056	0	0	0	0	0	0
0.015947	0	0	0	0	0	0
0.015385	0	0	0	0	0	0
0.02672	0	0	0	0	0	0
0.030144	0	0	0	0	0	0
0.024391	0.1	0	0	0	0	0
0.063516	0	0	0	0	0	0
0.005856	0	0	0	0	0	0
0.007355	0	0	0	0	0	0
0.006585	0	0	0	0	0	0
0.018397	0	0	0	0	0	0
0.011472	0	0	0	0	0	0
0.040384	0	0	0	0	0	0
0.012782	0	0	0	0	0	0
0.029818	0	0	0	0	0	0
0.00518	0	0	0	0	0	0
0.013217	0	2	0	0	0	2
0.005858	0	0	0	0	0	0
0.015321	0	2	0	0	0	2
0.020495	0	0	0	0	0	0
0.019533	0	0	0	0	0	0
0.01624	0	0	0	0	0	0
0.007764	0	0	0	0	0	0
0.001704	0	0	0	0	0	0
0.000773	0	0	0	0	0	0
0.001007	0	0	0	0	0	0
0.001154	0	0	0	0	0	0
0.000527	0	0	0	0	0	0
0.001963	0	0	0	0	0	0
0.002395	0	0	0	0	0	0
0.006105	0	0	0	0	0	0
0.013627	0	0	0	0	0	0
0.020772	0	0	0	0	0	0
0.011067	0	0	0	0	0	0
0.008347	0	0	0	0	0	0
0.005801	0	0	0	0	0	0
0.005685	0	0	0	0	0	0
0.011572	0	0	0	0	0	0
0.012815	0	0	0	0	0	0
0.005851	0	0	0	0	0	0
0.009375	0	0	0	0	0	0
0.029079	0	0	0	0	0	0
0.006102	0	0	0	0	0	0
0.005078	0	0	0	0	0	0
0.011245	0	0	0	0	0	0
0.006688	0	0	0	0	0	0

0.003424	0	0	0	0	0	0
0.012592	0	0	0	0	0	0
0.004893	0	0	0	0	0	0
0.019588	0	0	0	0	0	0
0.019583	0	0	0	0	0	0
0.006555	0	0	0	0	0	0
0.00651	0	0	0	0	0	0
0.004092	0	0	0	0	0	0
0.006588	0	0	0	0	0	0
0.007288	0	0	0	0	0	0
0.005005	0	0	0	0	0	0
0.005744	0	0	0	0	0	0
0.00393	0	0	0	0	0	0
0.425603	0.15	0	0	0	0	0
0.068962	0	0	0	0	0	0
0.091169	0	0	0	0	0	0
0.064191	0	0	0	0	0	0
0.059376	0	0	0	0	0	0
0.089903	0	0	0	0	0	0
0.03628	0	0	0	0	0	0
0.069391	0	0	0	0	0	0
0.041677	0	0	0	0	0	0
0.047807	0	0	0	0	0	0
0.188581	0	0	0	0	0	0
0.112519	0	0	0	0	0	0
0.077972	0	0	0	0	0	0
0.059362	0	0	0	0	0	0
0.042337	0	0	0	0	0	0
0.057465	0	0	0	0	0	0
0.08191	0	0	0	0	0	0
0.036532	0	0	0	0	0	0
0.047263	0	0	0	0	0	0
0.030294	0	0	0	0	0	0
0.049729	0	0	0	0	0	0
0.169269	0	0	0	0	0	0
0.171432	0	0	0	0	0	0
0.048406	0	0	0	0	0	0
0.094846	0	0	0	0	0	0
0.089228	0	0	0	0	0	0
0.172443	0	0	0	0	0	0
0.047342	0	0	0	0	0	0
0.047899	0	0	0	0	0	0
0.087282	0	0	0	0	0	0
0.050001	0	0	0	0	0	0
0.049653	0	0	0	0	0	0
0.042823	0	0	0	0	0	0
0.044244	0	0	0	0	0	0
0.092878	0	0	0	0	0	0
0.047903	0	0	0	0	0	0
0.105472	0	0	0	0	0	0

0.085896	0	0	0	0	0	0
0.114502	0	0	0	0	0	0
0.038759	0	0	0	0	0	0
0.055698	0	0	0	0	0	0
0.025684	0	0	0	0	0	0
0.030361	0	0	0	0	2	2
0.037723	0	2	0	0	0	2
0.016205	0	0	0	0	0	0
0.033546	0	0	0	0	0	0
0.063947	0	0	0	0	0	0
0.166599	0	0	0	0	0	0
0.026797	0	0	0	0	0	0
0.079923	0	0	0	0	0	0
0.018315	0	0	0	0	0	0
0.041745	0	0	0	0	0	0
0.089835	0	0	0	0	0	0
0.043193	0	0	0	0	0	0
0.067083	0	0	0	0	0	0
0.065033	0	0	0	0	0	0
0.049468	0	0	0	0	0	0
0.065128	0	0	0	0	0	0
0.082305	0	0	0	0	0	0
0.038257	0	0	0	0	0	0
0.009553	0	0	0	0	0	0
0.00851	0	0	0	0	0	0
0.010779	0	0	0	0	0	0
0.018357	0	0	0	0	0	0
0.004495	0	0	0	0	0	0
0.005179	0	0	0	0	0	0
0.003752	0	0	0	0	0	0
0.006909	0	0	0	0	0	0
0.035725	0	0	0	0	0	0
0.014183	0	0	0	0	0	0
0.009702	0	0	0	0	0	0
0.006083	0	0	0	0	0	0
0.019995	0	0	0	0	0	0
0.032621	0	0	0	0	0	0
0.009665	0	0	0	0	0	0
0.003452	0	0	0	0	0	0
0.011863	0	0	0	0	0	0
0.006562	0	0	0	0	0	0
0.004833	0	0	0	0	0	0
0.006959	0	0	0	0	0	0
0.00614	0	0	0	0	0	0
0.007507	0	0	0	0	0	0
0.005887	0	0	0	0	0	0
0.005724	0	0	0	0	0	0
0.030438	0	0	0	0	0	0
0.014727	0	0	0	0	0	0
0.00662	0	0	0	0	0	0

0.009744	0	0	0	0	0	0
0.004839	0	0	0	0	0	0
0.003043	0	0	0	0	0	0
0.009155	0	0	0	0	1	1
0.039125	0	1	0	0	0	1
0.036596	0	0	0	0	4	4
0.029599	0	4	0	0	0	4
0.007527	0	0	0	0	0	0
0.005823	0	0	0	0	0	0
0.003701	0	0	0	0	0	0
0.00403	0	0	0	0	0	0
0.004808	0	0	0	0	0	0
0.006165	0	0	0	0	0	0
0.003854	0	0	0	0	0	0
0.001872	0	0	0	0	0	0
0.002831	0	0	0	0	0	0
0.00362	0	0	0	0	0	0
0.00462	0	0	0	0	0	0
0.006806	0	0	0	0	0	0
0.003821	0	0	0	0	0	0
0.006692	0	0	0	0	0	0
0.002856	0	0	0	0	0	0
0.004015	0	0	0	0	0	0
0.055827	0	0	0	0	0	0
0.051799	0	0	0	0	0	0
0.261395	0.06	0	0	0	0	0
0.12075	0	0	0	0	0	0
0.193081	0	0	0	0	0	0
0.112468	0	0	0	0	0	0
0.078672	0	0	0	0	0	0
0.173149	0	0	0	0	0	0
0.056766	0	0	0	0	0	0
0.145886	0	0	0	0	0	0
0.173709	0	0	0	0	0	0
0.042472	0	0	0	0	0	0
0.069237	0	0	0	0	0	0
0.020026	0	0	0	0	0	0
0.011661	0	0	0	0	0	0
0.004007	0	0	0	0	0	0
0.006481	0	0	0	0	0	0
0.005565	0	0	0	0	0	0
0.006986	0	0	0	0	0	0
0.003918	0	0	0	0	0	0
0.001821	0	0	0	0	0	0
0.001136	0	0	0	0	0	0
0.004584	0	0	0	0	0	0
0.109719	0	0	0	0	0	0
0.060556	0	0	0	0	0	0
0.061205	0	0	0	0	0	0
0.068814	0	0	0	0	0	0



0.050874	0	0	0	0	0	0
0.041407	0	0	0	0	0	0
0.091832	0	0	0	0	0	0
0.053957	0	0	0	0	0	0
0.049335	0	0	0	0	0	0
0.08486	0	0	0	0	0	0
0.19741	0	0	0	0	0	0
0.216814	0	0	0	0	0	0
0.063194	0	0	0	0	0	0
0.052554	0	0	0	0	0	0
0.062852	0	0	0	0	0	0
0.050017	0	0	0	0	0	0
0.038335	0	0	0	0	0	0
0.064862	0	0	0	0	1	1
0.050789	0	1	0	0	0	1
0.062388	0	0	0	0	0	0
0.05519	0	0	0	0	0	0
0.459187	0.14	0	0	0	0	0
0.000228	0	0	0	0	0	0
0.002693	0	0	0	0	3	3
0.003902	0	0	0	0	0	0
0.002974	0	0	0	0	0	0
0.002859	0	0	0	0	0	0
0.004111	0	0	0	0	0	0
0.003914	0	0	0	0	0	0
0.001889	0	0	0	0	0	0
0.010734	0	0	0	0	0	0
0.009262	0	0	0	0	0	0
0.105513	0.01	0	0	0	1	1
0.26175	0	1	0	0	0	1
0.033873	0	0	0	0	0	0
0.007996	0	0	0	0	0	0
0.022757	0	0	0	0	0	0
0.007852	0	0	0	0	0	0
0.006206	0	0	0	0	0	0
0.00274	0	0	0	0	0	0
0.005612	0	0	0	0	0	0
0.006272	0	0	0	0	0	0
0.002259	0	0	0	0	0	0
0.001374	0	0	0	0	0	0
0.002578	0	0	0	0	0	0
0.001081	0	0	0	0	0	0
0.011673	0	0	0	0	0	0
0.058104	0	0	0	0	0	0
0.003216	0	0	0	0	0	0
0.00792	0	0	0	0	0	0
0.01002	0	0	0	0	0	0
0.006287	0	0	0	0	0	0
0.005579	0	0	0	0	0	0
0.005088	0	0	0	0	0	0

0.006645	0	0	0	0	0	0
0.004467	0	0	0	0	0	0
0.002263	0	0	0	0	0	0
0.002325	0	0	0	0	0	0
0.001611	0	0	0	0	0	0
0.004537	0	0	0	0	0	0
0.028772	0	0	0	0	0	0
0.010159	0	0	0	0	0	0
0.00567	0	0	0	0	0	0
0.002463	0	0	0	0	0	0
0.007229	0	0	0	0	0	0
0.004304	0	0	0	0	0	0
0.001139	0	0	0	0	0	0
0.002329	0	0	0	0	0	0
0.00176	0	0	0	0	0	0
0.00128	0	0	0	0	0	0
0.000968	0	0	0	0	0	0
0.001319	0	0	0	0	0	0
0.002959	0	0	0	0	0	0
0.001418	0	0	0	0	0	0
0.096426	0	0	0	0	0	0
0.004021	0	0	0	0	0	0
0.002296	0	0	0	0	0	0
0.002022	0	0	0	0	0	0
0.00305	0	0	0	0	0	0
0.001655	0	0	0	0	0	0
0.002737	0	0	0	0	0	0
0.004282	0	0	0	0	0	0
0.002006	0	0	0	0	0	0
0.006451	0	0	0	0	0	0
0.001344	0	0	0	0	0	0
0.017104	0	0	0	0	0	0
0.003312	0	0	0	0	2	2
0.002366	0	2	0	0	0	2
0.002842	0	0	0	0	0	0
0.006047	0	0	0	0	0	0
0.001521	0	0	0	0	0	0
0.003379	0	0	0	0	0	0
0.003399	0	0	0	0	0	0
0.001621	0	0	0	0	0	0
0.000911	0	0	0	0	0	0
0.002812	0.01	0	0	0	0	0
0.002372	0	0	0	0	0	0
0.003145	0	0	0	0	0	0
0.006504	0	0	0	0	0	0
0.002671	0	0	0	0	0	0
0.001487	0	0	0	0	0	0
0.002243	0	0	0	0	0	0
0.004433	0	0	0	0	0	0
0.003718	0	0	0	0	0	0

0.002195	0	0	0	0	0	0
0.00085	0	0	0	0	0	0
0.000057	0	0	0	0	0	0
0.000827	0	0	0	0	0	0
0.000738	0	0	0	0	0	0
0.001898	0	0	0	0	0	0
0.002972	0	0	0	0	0	0
0.002268	0	0	0	0	0	0
0.004961	0	0	0	0	0	0
0.000193	0	0	0	0	0	0
0.001057	0	0	0	0	0	0
0.005004	0	0	0	0	0	0
0.011983	0	0	0	0	0	0
0.022632	0	0	0	0	0	0
0.002787	0	0	0	0	0	0
0.005977	0	0	0	0	0	0
0.004593	0	0	0	0	0	0
0.001235	0	0	0	0	0	0
0.00922	0.01	0	0	0	0	0
0.011645	0	0	0	0	0	0
0.004017	0	0	0	0	0	0
0.000037	0	0	0	0	0	0
0.000008	0	0	0	0	0	0
0.000205	0	0	0	0	0	0
0.001401	0	0	0	0	0	0
0.000439	0	0	0	0	0	0
0.077432	0	0	0	0	0	0
0.001478	0	0	0	0	0	0
0.003788	0	0	0	0	0	0
0.004176	0	0	0	0	0	0
0.000825	0	0	0	0	0	0
0.000624	0	0	0	0	0	0
0.001707	0	0	0	0	0	0
0.000333	0	0	0	0	0	0
0.001957	0	0	0	0	0	0
0.006318	0	0	0	0	0	0
0.003719	0	0	0	0	0	0
0.001682	0	0	0	0	0	0
0.001065	0	0	0	0	0	0
0.001508	0	0	0	0	0	0
0.004224	0	0	0	0	0	0
0.003704	0	0	0	0	0	0
0.001393	0	0	0	0	0	0
0.001999	0	0	0	0	0	0
0.002915	0	0	0	0	0	0
0.003482	0	0	0	0	0	0
0.00309	0	0	0	0	0	0
0.005657	0	0	0	0	0	0
0.003998	0	0	0	0	0	0
0.004498	0	0	0	0	0	0

0.015547	0	0	0	0	0	0
0.003201	0	0	0	0	0	0
0.003861	0	0	0	0	0	0
0.000549	0	0	0	0	0	0
0.000504	0	0	0	0	0	0
0.033041	0	0	1	0	0	1
0.003907	0	0	0	0	0	0
0.022751	0.01	0	20	20	6	46
0.007027	0	0	0	0	0	0
0.005901	0	0	0	0	0	0
0.009944	0	0	0	0	0	0
0.004455	0	0	0	0	0	0
0.002014	0	0	0	0	0	0
0.001452	0	0	0	0	0	0
0.010616	0	0	0	0	0	0
0.000566	0	0	0	0	0	0
0.000361	0	0	0	0	0	0
0.001231	0	0	0	0	0	0
0.001047	0	0	0	0	0	0
0.0021	0	0	0	0	0	0
0.002318	0	0	0	0	0	0
0.000194	0	0	0	0	0	0
0.038764	0	0	0	0	0	0
0.000862	0	0	0	0	0	0
0.001928	0	0	0	0	0	0
0.001845	0	0	0	0	0	0
0.001927	0	0	0	0	0	0
0.002234	0	0	0	0	0	0
0.233507	0.03	0	0	0	0	0
0.015146	0	0	0	0	0	0
0.010858	0	0	0	0	0	0
0.009862	0	0	0	0	0	0
0.012913	0	0	0	0	0	0
0.014043	0	0	0	0	0	0
0.00279	0	0	0	0	0	0
0.002195	0	0	0	0	0	0
0.112056	0.05	0	0	0	0	0
0.009346	0	0	0	0	0	0
0.885468	0	0	0	0	0	0
0.005808	0	0	0	0	0	0
0.879153	0.53	0	0	0	0	0
0.099674	0	0	0	0	0	0
0.027732	0	0	0	0	0	0
0.07084	0	0	0	0	0	0
0.078861	0	0	0	0	0	0
0.048137	0	0	0	0	0	0
0.048615	0	0	0	0	0	0
0.045973	0	0	0	0	0	0
0.005821	0	0	0	0	0	0
0.004234	0	0	0	0	0	0

0.000782	0	0	0	0	0	0
0.004641	0	0	0	0	0	0
0.005336	0	0	0	0	0	0
0.000601	0	0	0	0	0	0
0.004378	0	0	0	0	0	0
0.000916	0	0	0	0	0	0
0.001161	0	0	0	0	0	0
0.000662	0	0	0	0	0	0
0.002273	0	0	0	0	0	0
0.018861	0.02	0	0	0	0	0
0.001091	0	0	0	0	0	0
0.00055	0	0	0	0	0	0
0.000917	0	0	0	0	0	0
0.001416	0	0	0	0	0	0
0.000742	0	0	0	0	0	0
0.010621	0	0	0	0	0	0
0.001776	0	0	0	0	0	0
0.001222	0	0	0	0	0	0
0.001774	0	0	0	0	0	0
0.000991	0	0	0	0	0	0
0.002266	0	0	0	0	0	0
0.002225	0	0	0	0	0	0
0.004143	0	0	0	0	0	0
0.002071	0	0	0	0	0	0
0.002767	0	0	0	0	0	0
0.000353	0	0	0	0	0	0
0.008893	0	0	0	0	0	0
0.010715	0	0	0	0	0	0
0.032795	0	0	0	7	0	7
0.002081	0	0	0	0	0	0
0.002108	0	0	0	0	0	0
0.002027	0	0	0	0	0	0
0.004862	0	0	0	0	0	0
0.0022	0	0	0	0	0	0
0.006657	0	0	0	0	14	14
0.001967	0	0	0	0	0	0
0.010808	0	0	0	0	1	1
0.109471	0	1	0	0	7	8
0.020055	0.01	7	2	2	7	18
0.000768	0	7	0	0	1	8
0.003857	0	1	0	0	0	1
0.004265	0	0	0	0	0	0
0.002717	0	0	0	0	0	0
0.00333	0	0	0	0	0	0
0.002826	0	14	0	5	6	25
0.005388	0	6	0	0	15	21
0.005494	0	15	0	0	0	15
0.005691	0	0	0	0	0	0
0.001283	0	0	0	0	0	0
0.000789	0	0	0	0	0	0

0.00347	0	0	0	0	0	0
0.002736	0	0	0	0	0	0
0.695816	0.05	1	0	0	0	1
0.037896	0	0	0	0	0	0
0.021895	0	0	0	0	0	0
0.012542	0	0	0	0	0	0
0.013528	0	0	0	0	0	0
0.033341	0	0	0	0	0	0
0.012946	0	0	0	0	0	0
0.012906	0	0	0	0	0	0
0.01106	0	0	0	0	0	0
0.027106	0	0	0	0	0	0
0.010208	0	0	0	0	0	0
0.184229	0	0	0	0	8	8
0.026803	0	0	0	0	0	0
0.007804	0	0	0	0	0	0
0.015042	0	0	0	0	0	0
0.010663	0	0	0	0	0	0
0.270329	0	0	0	3	0	3
0.009524	0	0	0	0	0	0
0.008669	0	0	0	0	0	0
0.007282	0	0	0	0	0	0
0.012996	0	0	0	0	0	0
0.043658	0	0	0	0	0	0
0.009358	0	0	0	0	0	0
0.005963	0	0	0	0	0	0
0.019155	0	0	0	0	0	0
0.004342	0	0	0	0	0	0
0.013505	0	0	0	0	0	0
0.022918	0	0	0	0	0	0
0.0295	0	0	0	0	6	6
0.041127	0	6	0	0	0	6
0.004449	0	0	0	0	0	0
0.001138	0	0	0	0	0	0
0.003752	0	0	0	0	0	0
0.010835	0.06	0	0	0	0	0
0.034849	0.06	0	0	0	0	0
0.004524	0	0	0	0	0	0
0.06036	0	0	0	0	0	0
0.00089	0	0	0	0	0	0
0.002588	0	0	0	0	0	0
0.00018	0	0	0	0	0	0
0.01508	0.01	0	0	0	0	0
0.000298	0	0	0	0	0	0
0.043988	0	0	0	0	0	0
0.001583	0	0	0	0	0	0
0.000462	0	0	0	0	0	0
0.092927	0	0	0	0	3	3
0.001192	0	0	0	0	0	0
0.000133	0	0	0	0	0	0

0.001154	0	0	0	0	0	0
0.001523	0	0	0	0	0	0
0.002496	0	0	0	0	0	0
0.001132	0	0	0	0	0	0
0.001441	0	0	0	0	0	0
0.002505	0	0	0	0	0	0
0.001406	0	0	0	0	0	0
0.002186	0	0	0	0	0	0
0.002211	0	0	0	0	0	0
0.002727	0	0	0	0	0	0
0.002104	0	0	0	0	0	0
0.002165	0	0	0	0	0	0
0.00209	0	0	0	0	0	0
0.002999	0	0	0	0	0	0
0.01099	0	0	0	0	0	0
0.003327	0	0	0	0	0	0
0.001142	0	0	0	0	0	0
0.005372	0	0	0	0	0	0
0.003692	0	0	0	0	0	0
0.002708	0	0	0	0	0	0
0.000711	0	0	0	0	0	0
0.001543	0	0	0	0	0	0
0.000752	0	0	0	0	0	0
0.019376	0	0	0	0	0	0
0.044022	0	0	0	0	0	0
0.029829	0	0	0	0	0	0
0.001847	0	0	0	0	0	0
0.077901	0	0	0	3	0	3
0.051917	0	0	0	0	0	0
0.194139	0.03	0	0	0	0	0
0.01492	0	0	0	0	0	0
0.00768	0	0	0	0	0	0
0.006092	0	0	0	0	0	0
0.00628	0	0	0	0	0	0
0.014241	0	0	0	0	0	0
0.009871	0	0	0	0	0	0
0.009109	0	0	0	0	0	0
0.019276	0	0	0	0	0	0
0.007937	0	0	0	0	0	0
0.07554	0	0	0	0	0	0
0.012681	0	0	0	0	0	0
0.011549	0	0	0	0	0	0
0.012167	0	0	0	0	0	0
0.011721	0	0	0	0	0	0
0.006622	0	0	0	0	0	0
0.004316	0	0	0	0	0	0
0.576569	0.05	0	0	0	0	0
0.010446	0	0	0	0	0	0
0.009975	0	0	0	0	0	0
0.011026	0	0	0	0	0	0

0.005492	0	0	0	0	0	0
0.006564	0	0	0	0	0	0
0.018159	0	0	0	0	0	0
0.008594	0	0	0	0	0	0
0.020156	0	0	0	0	0	0
0.005108	0	0	0	0	0	0
0.005891	0	0	0	0	0	0
0.25339	0.17	0	0	0	0	0
0.014679	0	0	0	0	0	0
0.160048	0	0	0	0	0	0
0.026221	0	0	0	0	0	0
0.033291	0	0	0	0	0	0
0.081079	0	0	0	0	0	0
0.034044	0	0	0	0	0	0
0.014876	0	0	0	0	0	0
0.262668	0.03	0	0	0	0	0
0.0193	0	0	0	0	0	0
0.01013	0	0	0	0	0	0
0.022852	0	0	0	0	0	0
0.07253	0	0	0	0	0	0
0.030299	0	0	0	0	0	0
0.00867	0	0	0	0	0	0
0.012667	0	0	0	0	0	0
0.064061	0.01	0	0	0	0	0
0.342184	0	0	0	0	0	0
0.088491	0	0	0	0	0	0
0.05135	0	0	0	0	0	0
0.074753	0	0	0	0	0	0
0.051448	0	0	0	0	0	0
0.05831	0	0	0	0	0	0
0.068424	0	0	0	0	0	0
0.147384	0	0	0	0	0	0
0.033519	0	0	0	0	0	0
0.027367	0	0	0	0	0	0
0.090185	0	0	0	0	0	0
0.013801	0	0	0	0	0	0
0.011104	0	0	0	0	0	0
0.015833	0	0	0	0	0	0
0.011495	0	0	0	0	0	0
0.016136	0	0	0	0	0	0
0.03047	0	0	0	0	0	0
0.041965	0	0	0	0	0	0
0.008274	0	0	0	0	0	0
0.033308	0	0	0	0	0	0
0.237227	0	0	0	0	0	0
0.085722	0	0	0	0	0	0
0.033295	0	0	0	0	0	0
0.013288	0	0	0	0	0	0
0.136646	0	0	0	0	0	0
0.055472	0	0	0	0	0	0



0.187498	0	0	0	0	0	0
0.328808	0.01	0	0	0	0	0
0.032692	0	0	0	0	0	0
0.049587	0	0	0	0	0	0
0.388911	0.06	0	0	0	0	0
0.003019	0	0	0	0	0	0
0.003915	0	0	0	0	0	0
0.008186	0	0	0	0	0	0
0.005539	0	0	0	0	0	0
0.020394	0	0	0	0	0	0
0.007018	0	0	0	0	0	0
0.007367	0	0	0	0	0	0
0.007623	0	0	0	0	0	0
0.012562	0	0	0	0	0	0
0.004969	0	0	0	0	0	0
0.050554	0	0	0	0	0	0
0.079305	0	0	0	0	0	0
0.05876	0	0	0	0	0	0
0.055463	0	0	0	0	0	0
0.052133	0	0	0	0	0	0
0.06641	0	0	0	0	0	0
0.037559	0	0	0	0	0	0
0.044417	0	0	0	0	0	0
0.052291	0	0	0	0	0	0
0.097825	0	0	0	0	0	0
0.037635	0	0	0	0	0	0
0.038055	0	0	0	0	0	0
0.033427	0	0	0	0	0	0
0.020192	0	0	0	0	0	0
0.020932	0	0	0	0	0	0
0.040369	0	0	0	0	0	0
0.009069	0	0	0	0	0	0
0.010487	0	0	0	0	0	0
0.124003	0	0	0	0	0	0
0.025848	0	0	0	0	0	0
0.07338	0	0	0	0	0	0
0.050634	0	0	0	0	0	0
0.042502	0	0	0	0	0	0
0.058141	0	0	0	0	0	0
0.029147	0	0	0	0	0	0
0.02003	0	0	0	0	0	0
0.047644	0	0	0	0	0	0
0.46401	0	0	0	0	0	0
0.295361	0	0	0	0	0	0
0.423454	0	0	0	0	0	0
0.176063	0	0	0	0	0	0
0.160258	0	0	0	0	0	0
0.747042	0	0	0	0	0	0
0.811936	0	0	0	0	0	0
0.752708	0	0	0	0	0	0

0.433976	0	0	0	0	0	0
0.592969	0	0	0	0	0	0
0.124378	0	0	0	0	0	0
0.048715	0	0	0	0	0	0
0.101756	0	0	0	0	0	0
0.055181	0	0	0	0	0	0
0.038417	0	0	0	0	0	0
0.113541	0	0	0	0	0	0
0.103758	0	0	0	0	0	0
0.074266	0	0	0	0	0	0
0.029269	0	0	0	0	0	0
0.015629	0	0	0	0	0	0
0.107944	0	0	0	0	0	0
0.039033	0	0	0	0	0	0
0.035569	0	0	0	0	0	0
0.024925	0	0	0	0	0	0
0.01519	0	0	0	0	0	0
0.027403	0	0	0	0	0	0
0.032635	0	0	0	0	0	0
0.017191	0	0	0	0	0	0
0.133806	0	0	0	0	0	0
0.031228	0	0	0	0	0	0
0.04873	0	0	0	0	0	0
0.060461	0	0	0	0	0	0
0.026625	0	0	0	0	0	0
0.033582	0	0	0	0	0	0
0.039024	0	0	0	0	0	0
0.030276	0	0	0	0	0	0
0.038883	0	0	0	0	0	0
0.01863	0	0	0	0	0	0
0.045094	0	0	0	0	0	0
0.020961	0	0	0	0	0	0
0.02082	0	0	0	0	0	0
0.036451	0	0	0	0	0	0
0.035848	0	0	0	0	0	0
0.053463	0	0	0	0	0	0
0.014481	0	0	0	0	0	0
0.139096	0	0	0	0	0	0
0.038952	0	0	0	0	0	0
0.068255	0	0	0	0	0	0
0.035329	0	0	0	0	0	0
0.032621	0	0	0	0	0	0
0.028345	0	0	0	0	0	0
0.087216	0	0	0	0	0	0
0.055157	0	0	0	0	0	0
0.053473	0	0	0	0	0	0
0.023842	0	0	0	0	0	0
0.024207	0	0	0	0	0	0
0.020487	0	0	0	0	0	0
0.01455	0	0	0	0	0	0

0.085494	0	0	0	0	0	0
0.047587	0	0	0	0	0	0
0.001713	0	0	0	0	0	0
0.434701	0.02	0	0	0	0	0
0.034688	0	0	0	0	0	0
0.048518	0	0	0	0	0	0
0.036755	0	0	0	0	0	0
0.030687	0	0	0	0	0	0
0.039141	0	0	0	0	0	0
0.011349	0	0	0	0	0	0
0.051196	0	0	0	0	0	0
0.038237	0	0	0	0	0	0
0.027262	0	0	0	0	0	0
0.04394	0	0	0	0	0	0
0.093998	0	0	0	0	0	0
0.05595	0	0	0	0	0	0
0.025742	0	0	0	0	0	0
0.027545	0	0	0	0	0	0
0.036254	0	0	0	0	0	0
0.119966	0	0	0	0	0	0
0.008578	0	0	0	0	0	0
0.017576	0	0	0	0	0	0
0.016638	0	0	0	0	0	0
0.011058	0	0	0	0	0	0
0.001702	0	0	0	0	0	0
0.01865	0	0	0	0	0	0
0.0598	0	0	0	0	0	0
0.026384	0	0	0	0	0	0
0.033756	0	0	0	0	0	0
0.009867	0	0	0	0	0	0
0.007328	0	0	0	0	0	0
0.008864	0	0	0	0	0	0
0.044633	0	0	0	0	0	0
0.047474	0	0	0	0	0	0
0.020962	0	0	0	0	0	0
0.021716	0	0	0	0	0	0
0.053558	0	0	0	0	0	0
0.031859	0	0	0	0	0	0
0.00879	0	0	0	0	0	0
0.009237	0	0	0	0	0	0
0.004881	0	0	0	0	0	0
0.014708	0	0	0	0	0	0
0.011829	0	0	0	0	0	0
0.015982	0	0	0	0	0	0
0.015868	0	0	0	0	0	0
0.009986	0	0	0	0	0	0
0.007394	0	0	0	0	0	0
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0.006692	0	0	0	0	0	0
0.006418	0	0	0	0	0	0

0.034425	0	0	0	0	0	0
0.033574	0	0	0	0	0	0
0.018207	0	0	0	0	0	0
0.021688	0	0	0	0	0	0
0.016068	0	0	0	0	0	0
0.020099	0	0	0	0	0	0
0.010477	0	0	0	0	0	0
0.011118	0	0	0	0	0	0
0.021618	0	0	0	0	0	0
0.022323	0	0	0	0	0	0
0.020606	0	0	0	0	0	0
0.036727	0	0	0	0	0	0
0.008707	0	0	0	0	0	0
0.019443	0	0	0	0	0	0
0.016455	0	0	0	0	0	0
0.03116	0	0	0	0	0	0
0.031542	0	0	0	0	0	0
0.023188	0	0	0	0	0	0
0.015812	0	0	0	0	0	0
0.018295	0	0	0	0	0	0
0.011982	0	0	0	0	0	0
0.011464	0	0	0	0	0	0
0.007699	0	0	0	0	0	0
0.013915	0	0	0	0	0	0
0.013002	0	0	0	0	0	0
0.059324	0	0	0	0	0	0
0.008341	0	0	0	0	0	0
0.007611	0	0	0	0	0	0
0.009366	0	0	0	0	0	0
0.014491	0	0	0	0	0	0
0.010172	0	0	0	0	0	0
0.0076	0	0	0	0	0	0
0.004568	0	0	0	0	0	0
0.011438	0	0	0	0	0	0
0.009909	0	0	0	0	0	0
0.03195	0	0	0	0	0	0
0.127069	0	0	0	0	0	0
0.087029	0	0	0	0	0	0
0.017314	0	0	0	0	0	0
0.088421	0	0	0	0	0	0
0.056962	0	0	0	0	0	0
0.058663	0	0	0	0	0	0
0.21364	0	0	0	0	0	0
0.014775	0	0	0	0	0	0
0.006163	0	0	0	0	0	0
0.028583	0.04	0	0	0	0	0
0.03768	0	0	0	0	0	0
0.21057	0	0	0	0	0	0
0.027584	0	0	0	0	0	0
0.019265	0	0	0	0	0	0

0.018343	0	0	0	0	0	0
0.112998	0	0	0	0	0	0
0.095415	0	0	0	0	0	0
0.031394	0	0	0	0	0	0
0.033347	0	0	0	0	0	0
0.046328	0	0	0	0	0	0
0.018306	0	0	0	0	0	0
0.024163	0	0	0	0	0	0
0.045806	0	0	0	0	0	0
0.042279	0	0	0	0	0	0
0.041147	0	0	0	0	0	0
0.023471	0	0	0	0	0	0
0.018626	0	0	0	0	0	0
0.01436	0	0	0	0	0	0
0.015062	0	0	0	0	0	0
0.02375	0	0	0	0	0	0
0.01936	0	0	0	0	0	0
0.029893	0	0	0	0	0	0
0.021006	0	0	0	0	0	0
0.079424	0.01	0	0	0	0	0
0.051035	0	0	0	0	0	0
0.035656	0	0	0	0	0	0
0.046645	0	0	0	0	0	0
0.072903	0	0	0	0	0	0
0.026389	0	0	0	0	0	0
0.026075	0	0	0	0	0	0
0.058083	0	0	0	0	0	0
0.0298	0	0	0	0	0	0
0.034743	0	0	0	0	0	0
0.026899	0	0	0	0	0	0
0.040003	0	0	0	0	0	0
0.06582	0	0	0	0	0	0
0.008127	0	0	0	0	0	0
0.011577	0	0	0	0	0	0
0.019137	0	0	0	0	0	0
0.015799	0	0	0	0	0	0
0.015272	0	0	0	0	0	0
0.037657	0	0	0	0	0	0
0.024657	0	0	0	0	0	0
0.015691	0	0	0	0	0	0
0.008181	0	0	0	0	0	0
0.018449	0	0	0	0	0	0
0.013894	0	0	0	0	0	0
0.00778	0	0	0	0	0	0
0.01189	0	0	0	0	0	0
0.009159	0	0	0	0	0	0
0.054351	0	0	0	0	0	0
0.153423	0	0	0	7	0	7
0.386621	0	0	0	0	0	0
0.178557	0	0	0	0	0	0

0.161045	0	0	0	0	0	0
0.107526	0	0	0	0	0	0
0.327416	0	0	0	0	0	0
0.438074	0	0	0	0	0	0
0.145918	0	0	0	0	0	0
0.147601	0	0	0	0	0	0
0.239411	0	0	0	0	0	0
0.049882	0	0	0	0	0	0
0.203165	0	0	0	0	0	0
0.062295	0	0	0	0	0	0
0.037866	0	0	0	0	0	0
0.114998	0	0	0	0	0	0
0.123402	0	0	0	0	0	0
0.300667	0	0	0	0	0	0
0.22909	0	0	0	0	0	0
0.055153	0	0	0	0	0	0
0.112014	0	0	0	0	0	0
0.056791	0	0	0	0	0	0
0.047333	0	0	0	0	0	0
0.051681	0	0	0	0	0	0
0.061946	0	0	0	0	0	0
0.070026	0	0	0	0	0	0
0.082014	0	0	0	0	0	0
0.073419	0	0	0	0	0	0
0.070547	0	0	0	0	0	0
0.126439	0	0	0	0	0	0
0.061268	0	0	0	0	0	0
0.058844	0	0	0	0	0	0
0.028533	0	0	0	0	0	0
0.176084	0	0	0	0	0	0
0.129829	0	0	0	0	0	0
0.049891	0	0	0	0	0	0
0.051466	0	0	0	0	0	0
0.054857	0	0	0	0	0	0
0.201919	0	0	0	0	0	0
0.103368	0	0	0	0	0	0
0.039306	0	0	0	0	0	0
0.344908	0	0	0	0	0	0
0.119008	0	0	0	0	0	0
0.160109	0	0	0	0	0	0
0.07687	0	0	0	0	0	0
0.058692	0	0	0	0	0	0
0.040238	0	0	0	0	0	0
0.066036	0	0	0	0	0	0
0.075152	0	0	0	0	0	0
0.168535	0	0	0	0	0	0
0.003624	0	0	0	0	0	0
0.009035	0	0	0	0	0	0
0.0038	0	0	0	0	0	0
0.017028	0	0	0	0	5	5

0.009495	0	0	0	0	0	0
0.011103	0	0	0	0	0	0
0.007153	0	0	0	0	0	0
0.007501	0	0	0	0	0	0
0.03689	0	0	0	0	0	0
0.040888	0	0	0	0	0	0
0.017513	0	0	0	0	0	0
0.082965	0.02	0	0	0	0	0
0.056304	0	0	0	0	0	0
0.036264	0	0	0	0	0	0
0.043152	0	0	0	0	0	0
0.025558	0	0	0	0	0	0
0.051818	0	0	0	0	0	0
0.043688	0	0	0	0	0	0
0.035398	0	0	0	0	0	0
0.066351	0	0	0	0	0	0
0.034513	0	0	0	0	0	0
0.041261	0	0	0	0	0	0
0.034616	0	0	0	0	0	0
0.044105	0	0	0	0	0	0
0.041747	0	0	0	0	0	0
0.043111	0	0	0	0	0	0
0.058343	0	0	0	0	0	0
0.042448	0	0	0	0	0	0
0.027326	0	0	0	0	0	0
0.047582	0	0	0	0	0	0
0.056922	0	0	0	0	0	0
0.003307	0	0	0	0	0	0
0.001047	0	0	0	0	0	0
0.062548	0.05	0	0	9	0	9
0.016329	0	0	0	0	0	0
0.016032	0	0	0	0	0	0
0.000912	0	0	0	0	0	0
0.001107	0	0	0	0	0	0
0.172264	0.06	0	0	11	26	37
0.002373	0	0	0	0	0	0
0.001865	0	0	0	0	0	0
0.042049	0	0	0	0	0	0
0.068371	0	0	0	0	0	0
0.0104	0	0	0	0	0	0
0.059668	0	0	0	0	0	0
0.059733	0	0	0	0	0	0
0.170231	0	0	0	0	0	0
0.059067	0	0	0	0	0	0
0.161026	0	0	0	0	0	0
0.038921	0	0	0	0	0	0
0.126915	0	0	0	0	0	0
0.025419	0	0	0	0	0	0
0.007412	0	0	0	0	0	0
0.077783	0	0	0	0	0	0

0.005287	0	0	0	0	0	0
0.003774	0	0	0	0	0	0
0.004225	0	0	0	0	0	0
0.009468	0	0	0	0	0	0
0.004951	0	0	0	0	0	0
0.008404	0	0	0	0	0	0
0.030523	0	0	0	0	0	0
0.00808	0	0	0	0	0	0
0.099428	0	0	0	0	0	0
0.138128	0	0	0	0	0	0
0.201707	0	0	0	0	0	0
0.01354	0	0	0	0	0	0
0.000358	0	0	0	0	0	0
0.000173	0	0	0	0	0	0
0.000528	0	0	0	0	0	0
0.000183	0	0	0	0	0	0
0.000498	0	0	0	0	0	0
0.000914	0	0	0	0	1	1
0.001131	0	1	0	0	0	1
0.001628	0	0	0	0	0	0
0.000438	0	0	0	0	0	0
0.001154	0	0	0	0	0	0
0.893388	0	0	0	0	0	0
0.029945	0	0	0	0	0	0
0.110231	0	0	0	0	0	0
0.045768	0	0	0	0	0	0
0.030392	0	0	0	0	0	0
0.022111	0	0	0	0	0	0
0.040205	0	0	0	0	0	0
0.023555	0	0	0	0	0	0
0.060528	0	0	0	0	0	0
0.108753	0	0	0	0	0	0
0.076737	0	0	0	0	0	0
0.051968	0	0	0	0	0	0
0.034483	0	0	0	0	0	0
0.02821	0	0	0	0	0	0
0.032606	0	0	0	0	0	0
0.031563	0	0	0	0	0	0
0.030111	0	0	0	0	0	0
0.048774	0	0	0	0	0	0
0.03432	0	0	0	0	0	0
0.075837	0	0	0	0	0	0
0.062503	0	0	0	0	0	0
0.046637	0	0	0	0	0	0
0.029457	0	0	0	0	0	0
0.056292	0	0	0	0	0	0
0.04298	0	0	0	0	0	0
0.022184	0	0	0	0	0	0
0.048127	0	0	0	0	0	0
0.004736	0	0	0	0	0	0



0.95349	0.26	0	0	0	0	0
0.002099	0	0	0	0	0	0
0.018527	0	0	0	0	0	0
0.027954	0	0	0	0	0	0
0.027435	0	0	0	0	0	0
0.023088	0	0	0	0	0	0
0.019399	0	0	0	0	0	0
0.032569	0	0	0	0	0	0
0.048829	0	0	0	0	0	0
0.048296	0	0	0	0	0	0
0.053053	0	0	0	0	0	0
0.012867	0	0	0	0	0	0
0.082732	0	0	0	0	0	0
0.086113	0	0	0	0	0	0
0.061318	0	0	0	0	0	0
0.24096	0	0	0	0	0	0
0.123286	0	0	0	0	0	0
0.033741	0	0	0	0	0	0
0.007284	0	0	0	0	0	0
0.017715	0	0	0	0	0	0
0.04105	0	0	0	0	0	0
0.042665	0	0	0	0	0	0
0.053218	0.01	0	0	0	0	0
0.007717	0	0	0	0	0	0
0.004632	0	0	0	0	0	0
0.002922	0	0	0	0	0	0
0.00364	0	0	0	0	0	0
0.003755	0	0	0	0	0	0
0.124732	0.05	0	0	0	0	0
0.001538	0	0	0	0	0	0
0.032634	0	0	0	0	0	0
0.311262	0.32	0	0	0	0	0
0.006525	0	0	0	0	0	0
0.00505	0	0	0	0	0	0
0.002973	0	0	0	0	0	0
0.468408	0.21	0	0	0	0	0
0.102684	0	0	0	0	0	0
0.011901	0	0	0	0	0	0
0.030075	0	0	0	0	0	0
0.014213	0	0	0	0	0	0
0.014423	0	0	0	0	0	0
0.017306	0	0	0	0	0	0
0.010987	0	0	0	0	0	0
0.059049	0	0	0	0	0	0
0.054932	0	0	0	0	0	0
0.037734	0	0	0	0	0	0
0.078543	0	0	0	0	0	0
0.085689	0	0	0	0	0	0
0.062523	0	0	0	0	0	0
0.042438	0	0	0	0	0	0

0.157957	0	0	0	0	0	0
0.17411	0	0	0	0	0	0
0.048767	0	0	0	0	0	0
0.033799	0	0	0	0	0	0
0.143763	0	0	7	0	0	7
0.291401	0.03	0	0	0	0	0
0.058635	0	0	0	0	0	0
0.052764	0	0	0	0	0	0
0.06216	0	0	0	0	0	0
0.072016	0	0	0	0	0	0
0.082368	0	0	0	0	0	0
0.028535	0	0	0	0	0	0
0.038045	0	0	0	0	0	0
0.045124	0	0	0	0	0	0
0.038991	0	0	0	0	0	0
0.092257	0	0	0	0	0	0
0.05093	0	0	0	0	0	0
0.035761	0	0	1	0	0	1
0.04101	0	0	0	0	0	0
0.056153	0	0	0	0	0	0
0.027719	0	0	0	0	0	0
0.035187	0	0	0	0	0	0
0.028525	0	0	0	0	0	0
0.062149	0	0	0	0	0	0
0.028196	0	0	0	0	0	0
0.022356	0	0	0	0	0	0
0.034912	0	0	0	0	0	0
0.042018	0	0	0	0	0	0
0.025419	0	0	0	0	0	0
0.05369	0	0	0	0	0	0
0.042625	0	0	0	0	0	0
0.042383	0	0	0	0	0	0
0.04959	0	0	0	0	0	0
0.049939	0	0	0	0	0	0
0.053216	0	0	0	0	0	0
0.132038	0	0	0	0	0	0
0.033535	0	0	0	0	0	0
0.053651	0	0	0	0	0	0
0.056524	0	0	0	0	0	0
0.065276	0	0	0	0	0	0
0.103408	0	0	0	0	0	0
0.063228	0	0	0	0	0	0
0.063736	0	0	0	0	0	0
0.050587	0	0	0	0	0	0
0.141271	0	0	0	0	0	0
0.133577	0	0	0	0	0	0
0.057525	0	0	0	0	0	0
0.146032	0	0	0	0	0	0
0.048638	0	0	0	0	0	0
0.070438	0	0	0	0	0	0

0.052361	0	0	0	0	0	0
0.045744	0	0	0	0	0	0
0.043446	0	0	0	0	0	0
0.042368	0	0	0	0	0	0
0.042187	0	0	0	0	0	0
0.040657	0	0	0	0	0	0
0.0464	0	0	0	0	0	0
0.083637	0	0	0	0	0	0
0.92693	0.58	0	0	0	0	0
0.120419	0	0	0	0	0	0
0.050721	0	0	0	0	0	0
0.033569	0	0	0	0	0	0
0.043204	0	0	0	0	0	0
0.124906	0	0	0	0	0	0
0.173266	0	0	0	0	0	0
0.043934	0	0	0	0	0	0
0.020132	0	0	0	0	0	0
0.044297	0	0	0	0	0	0
0.086643	0	0	0	0	0	0
0.04533	0	0	0	0	0	0
0.032041	0	0	0	0	0	0
0.006287	0	0	0	0	0	0
0.012041	0	0	0	0	0	0
0.011114	0	0	0	0	0	0
0.006059	0	0	0	0	0	0
0.01305	0.01	0	0	0	0	0
0.007559	0	0	0	0	0	0
0.010122	0.01	0	0	0	0	0
0.0137	0	0	0	0	0	0
0.015063	0	0	0	0	0	0
0.011179	0	0	0	0	0	0
0.008563	0	0	0	0	0	0
0.009378	0	0	0	0	0	0
0.006458	0	0	0	0	0	0
0.014167	0	0	0	0	0	0
0.005525	0	0	0	0	0	0
0.004309	0	0	0	0	0	0
0.012766	0	0	0	0	0	0
0.019826	0.03	0	0	0	7	7
0.003951	0	7	0	0	5	12
0.007109	0	5	0	0	0	5
0.006707	0	0	0	0	0	0
0.00763	0	0	0	0	0	0
0.010849	0	0	0	0	0	0
0.013953	0	0	0	0	0	0
0.028763	0	0	0	0	0	0
0.012376	0	0	0	0	0	0
0.01686	0	0	0	0	0	0
0.012485	0	0	0	0	0	0
0.010007	0	0	0	0	0	0

0.049137	0	0	0	0	0	0
0.060136	0	0	0	0	0	0
0.068704	0	0	0	0	0	0
0.072105	0	0	0	0	0	0
0.051877	0	0	0	0	0	0
0.060021	0	0	0	0	0	0
0.03938	0	0	0	0	0	0
0.038456	0	0	0	0	0	0
0.042561	0	0	0	0	0	0
0.033186	0	0	0	0	0	0
0.023974	0	0	0	0	0	0
0.058457	0	0	0	0	0	0
0.063043	0	0	0	0	0	0
0.048832	0	0	0	0	0	0
0.051122	0	0	0	0	0	0
0.043624	0	0	0	0	0	0
0.054414	0	0	0	0	0	0
0.021114	0	0	0	0	0	0
0.019872	0	0	0	0	0	0
0.058349	0	0	0	0	0	0
0.065326	0	0	0	0	0	0
0.197392	0	0	0	0	0	0
0.042936	0	0	0	0	0	0
0.105413	0	0	0	0	4	4
0.017215	0	4	0	0	0	4
0.006503	0	0	0	0	0	0
0.020827	0	0	0	0	0	0
0.019588	0	0	0	0	0	0
0.025567	0	0	0	0	0	0
0.044882	0	0	0	0	0	0
0.07293	0	0	0	0	0	0
0.052431	0	0	0	0	0	0
0.031962	0	0	0	0	0	0
0.03202	0	0	0	0	0	0
0.032681	0	0	0	0	0	0
0.044698	0	0	0	0	0	0
0.056493	0	0	0	0	0	0
0.045669	0	0	0	0	0	0
0.075748	0	0	0	0	0	0
0.062214	0	0	0	0	0	0
0.082284	0	0	0	0	0	0
0.063031	0	0	0	0	0	0
0.170678	0	0	0	0	0	0
0.057315	0	0	0	0	0	0
0.055994	0	0	0	0	0	0
0.063242	0	0	0	0	0	0
0.103701	0	0	0	0	0	0
0.053159	0	0	0	0	0	0
0.058147	0	0	0	0	0	0
0.02143	0	0	0	0	0	0

0.018339	0	0	0	0	0	0
0.011349	0	0	0	0	0	0
0.028016	0	0	0	0	0	0
0.033375	0	0	0	0	0	0
0.035959	0	0	0	0	0	0
0.011163	0	0	0	0	0	0
0.020892	0	0	0	0	0	0
0.03741	0	0	0	0	0	0
0.030371	0	0	0	0	0	0
0.037825	0	0	0	0	0	0
0.028626	0	0	0	0	0	0
0.023234	0	0	0	0	0	0
0.017517	0	0	0	0	0	0
0.05152	0	0	0	0	0	0
0.017856	0	0	0	0	0	0
0.013552	0	0	0	0	0	0
0.024697	0	0	0	0	0	0
0.034005	0	0	0	0	0	0
0.022645	0	0	0	0	0	0
0.019701	0	0	0	0	0	0
0.074065	0	0	0	0	0	0
0.12322	0	0	0	0	0	0
0.935034	0	0	0	0	0	0
0.893001	0.13	0	0	0	0	0
0.032719	0	0	0	0	0	0
0.044265	0	0	0	0	0	0
0.022355	0	0	0	0	0	0
0.05057	0	0	0	0	0	0
0.025077	0	0	0	0	0	0
0.017341	0	0	0	0	0	0
0.017729	0	0	0	0	0	0
0.050899	0	0	0	0	0	0
0.047498	0	0	0	0	0	0
0.044782	0	0	0	0	0	0
0.02876	0	0	0	0	0	0
0.025247	0	0	0	0	0	0
0.030267	0	0	0	0	0	0
0.044639	0	0	0	0	0	0
0.043715	0	0	0	0	0	0
0.041044	0	0	0	0	0	0
0.065034	0	0	0	0	0	0
0.03559	0	0	0	0	0	0
0.057554	0	0	0	0	0	0
0.050607	0	0	0	0	0	0
0.054474	0	0	0	0	0	0
0.044004	0	0	0	0	0	0
0.055529	0	0	0	0	0	0
0.04411	0	0	0	0	0	0
0.056155	0	0	0	0	0	0
0.057686	0	0	0	0	0	0

0.053064	0	0	0	0	0	0
0.056018	0	0	0	0	0	0
0.040462	0	0	0	0	0	0
0.012345	0	0	0	0	0	0
0.011708	0	0	0	0	0	0
0.019736	0	0	0	0	0	0
0.011803	0	0	0	0	0	0
0.028142	0	0	0	0	0	0
0.015152	0	0	0	0	0	0
0.036305	0	0	0	0	0	0
0.020827	0	0	0	0	0	0
0.046326	0	0	0	0	0	0
0.020702	0	0	0	0	0	0
0.014885	0	0	0	0	0	0
0.032055	0	0	0	0	0	0
0.011462	0	0	0	0	0	0
0.018883	0	0	0	0	0	0
0.006778	0	0	0	0	0	0
0.006256	0	0	0	0	0	0
0.00432	0	0	0	0	0	0
0.011207	0.04	0	0	0	0	0
0.01564	0.01	0	0	0	0	0
0.00488	0	0	0	0	0	0
0.003731	0	0	0	0	0	0
0.007362	0	0	0	0	0	0
0.001517	0	0	0	0	0	0
0.001555	0	0	0	0	0	0
0.000713	0	0	0	0	0	0
0.000896	0	0	0	0	0	0
0.001239	0	0	0	0	0	0
0.000965	0	0	0	0	0	0
0.000791	0	0	0	0	0	0
0.005257	0	0	0	0	0	0
0.001594	0	0	0	0	0	0
0.001685	0	0	0	0	0	0
0.000938	0	0	0	0	0	0
0.001108	0	0	0	0	0	0
0.001376	0	0	0	0	0	0
0.002024	0	0	0	0	0	0
0.002468	0	0	0	0	0	0
0.001469	0	0	0	0	0	0
0.005312	0	0	0	0	0	0
0.101168	0.01	0	0	0	0	0
0.057219	0	0	0	0	0	0
0.026545	0	0	0	0	0	0
0.077941	0	0	0	0	0	0
0.034193	0.01	0	0	0	0	0
0.012221	0	0	0	0	5	5
0.076737	0	0	0	0	2	2
0.003806	0	2	0	0	0	2

0.001553	0	0	0	0	0	0
0.011056	0.02	0	0	0	0	0
0.007627	0.02	0	0	0	0	0
0.002122	0.01	0	0	0	1	1
0.005673	0	1	0	0	0	1
0.058325	0	0	0	0	0	0
0.046732	0	0	0	0	0	0
0.034238	0	0	0	0	0	0
0.038303	0	0	0	0	0	0
0.036358	0	0	0	0	0	0
0.048261	0	0	0	0	0	0
0.069602	0	0	0	0	0	0
0.064177	0	0	0	0	0	0
0.012704	0	0	0	0	0	0
0.047727	0	0	0	0	0	0
0.029422	0	0	0	0	0	0
0.012206	0	0	0	0	0	0
0.01529	0	0	0	0	0	0
0.005401	0	0	0	0	0	0
0.005744	0	0	0	0	0	0
0.024574	0	0	0	0	0	0
0.028264	0	0	0	0	0	0
0.020296	0	0	0	0	0	0
0.01835	0	0	0	0	0	0
0.011502	0	0	0	0	0	0
0.035542	0	0	0	0	0	0
0.007	0	0	0	0	0	0
0.005696	0	0	0	0	0	0
0.010944	0	0	0	0	0	0
0.006174	0	0	0	0	0	0
0.003605	0	0	0	0	0	0
0.012078	0	0	0	0	0	0
0.075308	0.01	0	0	0	0	0
0.005024	0	0	0	0	0	0
0.004995	0	0	0	0	0	0
0.010646	0	0	0	0	0	0
0.008304	0	0	0	0	0	0
0.002767	0	0	0	0	0	0
0.002343	0	0	0	0	0	0
0.006141	0	0	0	0	0	0
0.00146	0	0	0	0	0	0
0.003012	0	0	0	0	0	0
0.013901	0	0	0	0	0	0
0.015968	0	0	0	0	0	0
0.009843	0	0	0	0	0	0
0.017207	0	0	0	0	0	0
0.011909	0	0	0	0	0	0
0.023717	0	0	0	0	0	0
0.010395	0	0	0	0	0	0
0.012859	0	0	0	0	0	0

0.008425	0	0	0	0	0	0
0.0258	0	0	0	0	0	0
0.009951	0	0	0	0	0	0
0.008841	0	0	0	0	0	0
0.006119	0	0	0	0	0	0
0.030244	0	0	0	0	0	0
0.006592	0	0	0	0	0	0
0.004514	0	0	0	0	0	0
0.006076	0	0	0	0	0	0
0.009073	0	0	0	0	0	0
0.005547	0	0	0	0	0	0
0.023654	0	0	0	0	0	0
0.005697	0	0	0	0	0	0
0.00678	0	0	0	0	0	0
0.007722	0	0	0	0	0	0
0.010153	0	0	0	0	0	0
0.010167	0	0	0	0	0	0
0.016278	0	0	0	0	0	0
0.01966	0	0	0	0	0	0
0.012665	0	0	0	0	0	0
0.01054	0	0	0	0	0	0
0.040063	0	0	0	0	0	0
0.012258	0	0	0	0	0	0
0.079316	0.23	0	0	0	0	0
0.05737	0	0	0	0	0	0
0.065855	0	0	0	0	0	0
0.048381	0	0	0	0	0	0
0.017177	0	0	0	0	0	0
0.026629	0	0	0	0	0	0
0.006033	0	0	0	0	0	0
0.010056	0	0	0	0	0	0
0.012337	0	0	0	0	0	0
0.03687	0	0	0	0	0	0
0.009665	0	0	0	0	0	0
0.021026	0	0	0	0	0	0
0.020136	0	0	0	0	0	0
0.043397	0	0	0	0	0	0
0.073979	0	0	0	0	0	0
0.111648	0.02	0	0	0	0	0
0.030102	0	0	0	0	0	0
0.031152	0	0	0	0	0	0
0.017703	0	0	0	0	0	0
0.01334	0	0	0	0	0	0
0.012808	0	0	0	0	0	0
0.055314	0	0	0	0	0	0
0.037256	0	0	0	0	0	0
0.063136	0	0	0	0	0	0
0.03182	0	0	0	0	0	0
0.035669	0	0	0	0	0	0
0.03441	0	0	0	0	0	0



0.02055	0	0	0	0	0	0
0.037675	0	0	0	0	0	0
0.017842	0	0	0	0	0	0
0.020279	0	0	0	0	0	0
0.049545	0	0	0	0	0	0
0.038106	0	0	0	0	0	0
0.036366	0	0	0	0	0	0
0.058307	0	0	0	0	0	0
0.041656	0	0	0	0	0	0
0.032545	0	0	0	4	0	4
0.042589	0	0	0	0	0	0
0.061647	0	0	0	0	0	0
0.043603	0	0	0	0	0	0
0.042122	0	0	0	0	0	0
0.066937	0	0	0	0	0	0
0.044	0	0	0	0	0	0
0.049598	0	0	0	0	0	0
0.049305	0	0	0	0	0	0
0.120705	0	0	0	0	0	0
0.057941	0	0	0	0	0	0
0.02333	0	0	0	0	4	4
0.046475	0	4	0	0	0	4
0.018741	0	0	0	0	0	0
0.007332	0	0	0	0	0	0
0.308867	0	0	0	0	0	0
0.039251	0	0	0	0	0	0
0.085725	0	0	0	0	0	0
0.008505	0	0	0	0	0	0
0.020805	0	0	0	0	0	0
0.006046	0	0	0	0	0	0
0.005434	0	0	0	0	0	0
0.005757	0	0	0	0	0	0
0.006185	0	0	0	0	0	0
0.004747	0	0	0	0	0	0
0.00356	0	0	0	0	0	0
0.009357	0	0	0	0	0	0
0.014903	0	0	0	0	0	0
0.013037	0	0	0	0	0	0
0.010409	0	0	0	0	0	0
0.014123	0	0	0	0	0	0
0.011436	0	0	0	0	0	0
0.017875	0	0	0	0	0	0
0.010306	0	0	0	0	0	0
0.014026	0	0	0	0	0	0
0.059531	0	0	0	0	0	0
0.041271	0	0	0	0	0	0
0.066518	0	0	0	0	0	0
0.046825	0	0	0	0	0	0
0.064741	0	0	0	0	0	0
0.049505	0	0	0	0	0	0

0.026279	0	0	0	0	0	0
0.03377	0	0	0	0	0	0
0.039297	0	0	0	0	0	0
0.091406	0	0	0	0	0	0
0.028523	0	0	0	0	0	0
0.055805	0	0	0	0	0	0
0.022155	0	0	0	0	0	0
0.034701	0	0	0	0	0	0
0.042794	0	0	0	0	0	0
0.034011	0	0	0	0	0	0
0.049856	0	0	0	0	0	0
0.014813	0	0	0	0	0	0
0.012023	0	0	0	0	0	0
0.045628	0	0	0	0	0	0
0.046046	0	0	0	0	0	0
0.052281	0	0	0	0	0	0
0.038727	0	0	0	0	0	0
0.07662	0	0	0	0	0	0
0.076234	0	0	0	0	0	0
0.124619	0	0	0	0	0	0
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0.022624	0	0	0	0	0	0
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0.0266	0	0	0	0	0	0
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0.023299	0	0	0	0	0	0
0.059858	0	0	0	0	0	0
0.035088	0	0	0	0	0	0
0.028461	0	0	0	0	0	0
0.152086	0	0	0	0	0	0
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0.006531	0	0	0	0	0	0
0.032799	0	0	0	0	0	0
0.031427	0	0	0	0	0	0
0.021355	0	0	0	0	0	0
0.058355	0	0	0	0	0	0
0.019591	0	0	0	0	0	0
0.021777	0	0	0	0	0	0
0.077815	0	0	0	0	0	0
0.043097	0	0	0	0	0	0
0.062419	0	0	0	0	0	0
0.051845	0	0	0	0	0	0
0.038144	0	0	0	0	0	0
0.050611	0	0	0	0	0	0
0.063297	0	0	0	0	0	0
0.034709	0	0	0	0	0	0
0.271547	0	0	0	0	0	0
0.125471	0	0	0	0	0	0

0.060485	0	0	0	0	0	0
0.06305	0	0	0	0	0	0
0.023649	0	0	0	0	0	0
0.019767	0	0	0	0	0	0
0.014012	0	0	0	0	0	0
0.033701	0	0	0	0	0	0
0.019798	0	0	0	0	0	0
0.017737	0	0	0	0	0	0
0.026793	0	0	0	0	0	0
0.028742	0	0	0	0	0	0
0.017223	0	0	0	0	0	0
0.033117	0	0	0	0	0	0
0.053	0	0	0	0	0	0
0.044491	0	0	0	0	0	0
0.042972	0	0	0	0	0	0
0.020409	0	0	0	0	0	0
0.018686	0	0	0	0	0	0
0.018744	0	0	0	0	0	0
0.042582	0	0	0	0	0	0
0.029092	0	0	0	0	0	0
0.087243	0	0	0	0	0	0
0.030464	0	0	0	0	0	0
0.212869	0	0	0	0	0	0
0.033722	0	0	0	0	0	0
0.031145	0	0	0	0	0	0
0.056475	0	0	0	0	0	0
0.036015	0	0	0	0	0	0
0.093133	0	0	0	0	0	0
0.026741	0	0	0	0	0	0
0.037464	0	0	0	0	0	0
0.046797	0	0	0	0	0	0
0.095451	0	0	0	0	0	0
0.176964	0	0	0	0	0	0
0.0376	0	0	0	0	0	0
0.046452	0	0	0	0	0	0
0.019374	0	0	0	0	0	0
0.042717	0	0	0	0	0	0
0.047701	0	0	0	0	0	0
0.05666	0	0	0	0	0	0
0.066306	0	0	0	0	0	0
0.042539	0	0	0	0	0	0
0.123189	0	0	0	0	0	0
0.057362	0	0	0	0	0	0
0.066592	0	0	0	0	0	0
0.030341	0	0	0	0	0	0
0.027323	0	0	0	0	0	0
0.010286	0	0	0	0	0	0
0.009457	0	0	0	0	0	0
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0.019775	0	0	0	0	0	0

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0.024251	0	0	0	0	0	0
0.020975	0	0	0	0	0	0
0.008193	0	0	0	0	0	0
0.0334	0	0	0	0	0	0
0.008427	0	0	0	0	0	0
0.005756	0	0	0	0	0	0
0.051037	0	0	0	0	0	0
0.039427	0	0	0	0	0	0
0.054559	0	0	0	0	0	0
0.080885	0	0	0	0	0	0
0.100747	0	0	0	0	0	0
0.05404	0	0	0	0	0	0
0.053753	0	0	0	0	0	0
0.045857	0	0	0	0	0	0
0.053474	0	0	0	0	0	0
0.411231	0	0	0	0	0	0
0.014851	0	0	0	0	0	0
0.024924	0	0	0	0	0	0
0.006738	0	0	0	0	0	0
0.012628	0	0	0	0	0	0
0.018598	0	0	0	0	0	0
0.019786	0	0	0	0	0	0
0.05083	0	0	0	0	0	0
0.020798	0	0	0	0	0	0
0.114205	0	0	0	0	0	0
0.016759	0	0	0	0	0	0
0.023202	0	0	0	0	0	0
0.010442	0	0	0	0	0	0
0.019026	0	0	0	0	0	0
0.117371	0	0	0	0	0	0
0.109139	0	0	0	0	0	0
0.085559	0	0	0	0	0	0
0.098907	0	0	0	0	0	0
0.06126	0	0	0	0	0	0
0.045974	0	0	0	0	0	0
0.067637	0	0	0	0	0	0
0.094754	0	0	0	0	0	0
0.05681	0	0	0	0	0	0
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0.024851	0	0	0	0	0	0
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0.046578	0	0	0	0	0	0
0.064216	0	0	0	0	0	0
0.032543	0	0	0	0	0	0
0.041482	0	0	0	0	0	0
0.029799	0	0	0	0	0	0
0.051827	0	0	0	0	0	0
0.044579	0	0	0	0	0	0

0.076896	0	0	0	0	0	0
0.490215	0.26	0	0	0	0	0
0.02133	0	0	0	0	0	0
0.012114	0	0	0	0	0	0
0.009371	0	0	0	0	0	0
0.012238	0	0	0	0	0	0
0.042743	0	0	0	0	0	0
0.105938	0	0	0	0	0	0
0.045191	0	0	0	0	0	0
0.01878	0	0	0	0	0	0
0.013007	0	0	0	0	0	0
0.008713	0	0	0	0	0	0
0.007856	0	0	0	0	0	0
0.007524	0	0	0	0	0	0
0.007516	0	0	0	0	0	0
0.006223	0	0	0	0	0	0
0.00703	0	0	0	0	0	0
0.003965	0	0	0	0	0	0
0.005708	0	0	0	0	0	0
0.049279	0	0	0	0	0	0
0.008215	0	0	0	0	0	0
0.005722	0	0	0	0	0	0
0.004856	0	0	0	0	0	0
0.040726	0	0	0	0	0	0
0.012701	0	0	0	0	0	0
0.005772	0	0	0	0	0	0
0.013374	0	0	0	0	0	0
0.004716	0	0	0	0	0	0
0.010881	0	0	0	0	0	0
0.012068	0	0	0	0	0	0
0.014345	0	0	0	0	0	0
0.007982	0	0	0	0	0	0
0.015796	0	0	0	0	0	0
0.014993	0	0	0	0	0	0
0.007065	0	0	0	0	0	0
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0.007192	0	0	0	0	0	0
0.005381	0	0	0	0	0	0
0.0084	0	0	0	0	0	0
0.012475	0	0	0	0	0	0
0.022592	0	0	0	0	0	0
0.010342	0	0	0	0	0	0
0.035659	0	0	0	0	0	0
0.01286	0	0	0	0	0	0
0.028711	0	0	0	0	0	0
0.012505	0	0	0	0	0	0
0.932477	0	0	0	0	0	0
0.031499	0	0	0	0	0	0
0.030373	0	0	6	0	0	6
0.003502	0	0	0	0	0	0

0.007367	0	0	0	0	0	0
0.003748	0	0	0	0	0	0
0.004119	0	0	0	0	0	0
0.003929	0	0	0	0	0	0
0.008497	0	0	0	0	0	0
0.158032	0	0	0	0	0	0
0.059977	0	0	0	0	0	0
0.06454	0	0	0	0	0	0
0.099998	0	0	0	0	0	0
0.003704	0	0	0	0	0	0
0.009087	0	0	0	0	0	0
0.003334	0	0	0	0	0	0
0.002067	0	0	0	0	0	0
0.008334	0	0	0	0	0	0
0.002994	0	0	0	0	0	0
0.002849	0	0	0	0	0	0
0.002799	0	0	0	0	0	0
0.003015	0	0	0	0	0	0
0.002308	0	0	0	0	0	0
0.001373	0	0	0	0	0	0
0.002831	0	0	0	0	0	0
0.002193	0	0	0	0	0	0
0.081035	0	0	0	0	0	0
0.023087	0	0	0	0	0	0
0.109626	0	0	0	0	0	0
0.055795	0	0	0	0	0	0
0.071419	0	0	0	0	0	0
0.05372	0	0	0	0	0	0
0.04436	0	0	0	0	0	0
0.040751	0	0	0	0	0	0
0.119823	0	0	0	0	0	0
0.012503	0	0	0	0	0	0
0.015374	0	0	0	0	0	0
0.022259	0	0	0	0	0	0
0.042207	0	0	0	4	0	4
0.035847	0	0	0	0	0	0
0.023281	0	0	0	0	0	0
0.027505	0	0	0	0	0	0
0.01897	0	0	0	0	0	0
0.013014	0	0	0	0	0	0
0.021164	0	0	0	0	0	0
0.044142	0	0	0	0	0	0
0.065109	0	0	0	0	0	0
0.057413	0	0	0	0	0	0
0.085891	0	0	0	0	0	0
0.058709	0	0	0	0	0	0
0.067049	0	0	0	0	0	0
0.076676	0	0	0	0	0	0
0.037631	0	0	0	0	0	0
0.112238	0	0	0	0	0	0

0.054644	0	0	0	0	0	0
0.037619	0	0	0	0	0	0
0.068986	0	0	0	0	0	0
0.043446	0	0	0	0	0	0
0.044125	0	0	0	0	0	0
0.103055	0	0	0	0	0	0
0.133951	0	0	0	0	0	0
0.073609	0	0	0	0	0	0
0.047614	0	0	0	0	0	0
0.063992	0	0	0	0	0	0
0.006354	0	0	0	0	0	0
0.003828	0	0	0	0	0	0
0.003096	0	0	0	0	1	1
0.010289	0.01	1	0	0	0	1
0.002848	0	0	0	0	0	0
0.001848	0.01	0	0	0	0	0
0.005743	0	0	0	0	0	0
0.005605	0	0	0	0	0	0
0.005612	0	0	0	0	0	0
0.004149	0	0	0	0	0	0
0.004614	0	0	0	0	0	0
0.004142	0	0	0	0	0	0
0.045819	0	0	0	0	0	0
0.016677	0	0	0	0	0	0
0.007241	0	0	0	0	0	0
0.004976	0	0	0	0	0	0
0.002413	0	0	0	0	0	0
0.008397	0	0	0	0	0	0
0.00745	0	0	0	0	0	0
0.004746	0	0	0	0	0	0
0.002461	0	0	0	0	0	0
0.003672	0	0	0	0	0	0
0.003353	0	0	0	0	0	0
0.002763	0	0	0	0	0	0
0.002321	0	0	0	0	0	0
0.037578	0	0	0	0	0	0
0.02002	0	0	0	0	0	0
0.034098	0	0	0	0	0	0
0.016936	0	0	0	0	0	0
0.012219	0	0	0	0	0	0
0.02041	0	0	0	0	0	0
0.138638	0.03	0	0	0	0	0
0.152615	0	0	0	0	0	0
0.046311	0	0	0	0	0	0
0.097225	0	0	0	0	0	0
0.059001	0	0	0	0	0	0
0.068713	0	0	0	0	0	0
0.023993	0	0	0	0	0	0
0.01563	0	0	0	0	0	0
0.01427	0	0	0	0	0	0

0.015671	0	0	0	0	0	0
0.000644	0	0	0	0	2	2
0.001303	0	2	0	0	0	2
0.036973	0	0	0	0	0	0
0.014961	0	0	0	0	0	0
0.018719	0	0	0	0	0	0
0.018942	0	0	0	0	0	0
0.010671	0	0	0	0	0	0
0.00846	0	0	0	0	0	0
0.013668	0	0	0	0	0	0
0.01188	0	0	0	0	0	0
0.050303	0	0	0	0	0	0
0.014211	0	0	0	0	0	0
0.014603	0	0	0	0	0	0
0.015442	0	0	0	0	0	0
0.01364	0	0	0	0	0	0
0.002189	0	0	0	0	0	0
0.000932	0	0	0	0	0	0
0.001021	0	0	0	0	0	0
0.001073	0	0	0	0	0	0
0.138757	0	5	0	0	0	5
0.002485	0	0	0	0	0	0
0.002214	0	0	0	0	0	0
0.000951	0	0	0	0	0	0
0.001646	0	0	0	0	0	0
0.060513	0	0	0	0	0	0
0.041147	0	0	0	0	0	0
0.039436	0	0	0	0	0	0
0.049731	0	0	0	0	0	0
0.042716	0	0	0	0	0	0
0.04172	0	0	0	0	0	0
0.0597	0	0	0	0	0	0
0.05516	0	0	0	0	0	0
0.084982	0	0	0	0	0	0
0.042444	0	0	0	0	0	0
0.016474	0	0	0	0	0	0
0.013778	0	0	0	0	1	1
0.014754	0	1	0	0	0	1
0.012712	0	0	0	0	0	0
0.029812	0	0	0	0	0	0
0.050262	0	0	0	0	0	0
0.025427	0	0	0	0	0	0
0.132124	0	0	0	0	0	0
0.016413	0	0	0	0	0	0
0.021084	0	0	0	0	0	0
0.018283	0	0	0	0	0	0
0.010648	0	0	0	0	0	0
0.006276	0	0	0	0	0	0
0.036351	0	0	0	0	0	0
0.067222	0	0	0	0	0	0



0.022622	0	0	0	0	0	0
0.017836	0	0	0	0	0	0
0.014909	0	0	0	0	0	0
0.022961	0	0	0	0	0	0
0.018794	0	0	0	0	0	0
0.019492	0	0	0	0	0	0
0.021202	0	0	0	0	0	0
0.023242	0	0	0	0	0	0
0.020006	0	0	0	0	0	0
0.017306	0	0	0	0	0	0
0.010886	0	0	0	0	0	0
0.012192	0	0	0	0	0	0
0.037313	0	0	0	0	0	0
0.027468	0	0	0	0	0	0
0.025154	0	0	0	0	0	0
0.01462	0	0	0	0	0	0
0.135614	0	0	0	1	0	1
0.034311	0	0	0	0	0	0
0.048897	0	0	0	0	0	0
0.07769	0	0	0	0	0	0
0.047545	0	0	0	0	0	0
0.008718	0	0	0	0	0	0
0.010149	0	0	0	0	0	0
0.036175	0	0	0	0	0	0
0.016719	0	0	0	0	0	0
0.020177	0	0	0	0	0	0
0.036867	0	0	0	0	0	0
0.033008	0	0	0	0	0	0
0.031706	0	0	0	0	0	0
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0.029536	0	0	0	0	0	0
0.025454	0	0	0	0	0	0
0.019355	0	0	0	0	0	0
0.100094	0	0	0	0	0	0
0.01239	0	0	0	0	0	0
0.002681	0	0	0	0	0	0
0.004575	0	0	0	0	0	0
0.001	0	0	0	0	0	0
0.004382	0	0	0	0	0	0
0.000751	0	0	0	0	0	0
0.003521	0	0	0	0	0	0
0.004198	0	0	0	0	0	0
0.001878	0	0	0	0	0	0
0.001593	0	0	0	0	0	0
0.000363	0	0	0	0	0	0
0.000303	0	0	0	0	0	0
0.00033	0	0	0	0	0	0
0.000064	0	0	0	0	0	0
0.00022	0	0	0	0	0	0
0.000385	0	0	0	0	0	0

0.000146	0	0	0	0	0	0
0.000154	0	0	0	0	0	0
0.000126	0	0	0	0	0	0
0.000503	0	0	0	0	0	0
0.00205	0	0	0	0	0	0
0.004541	0	0	0	0	0	0
0.001143	0	0	0	0	0	0
0.00156	0	0	0	0	0	0
0.000635	0	0	0	0	0	0
0.000566	0	0	0	0	0	0
0.012938	0	0	0	0	0	0
0.004149	0	0	0	0	0	0
0.004451	0	0	0	0	0	0
0.003209	0	0	0	0	0	0
0.001529	0	0	0	0	0	0
0.001105	0	0	0	0	0	0
0.000558	0	0	0	0	0	0
0.004982	0	0	0	0	0	0
0.003441	0	0	0	0	0	0
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0.003668	0	0	0	0	0	0
0.009834	0	0	0	0	0	0
0.012778	0	0	0	0	0	0
0.030215	0	0	0	0	0	0
0.043764	0	0	0	0	0	0
0.0465	0	0	0	0	0	0
0.081388	0	0	0	0	0	0
0.045455	0	0	0	0	0	0
0.05117	0	0	0	0	0	0
0.058686	0	0	0	0	0	0
0.041869	0	0	0	0	0	0
0.307552	0	0	0	0	0	0
0.288962	0.07	0	0	0	0	0
0.049065	0	0	0	0	0	0
0.16236	0	0	0	0	0	0
0.091544	0	0	0	0	0	0
0.035418	0	0	0	0	0	0
0.00952	0	0	0	0	0	0
0.010525	0	0	0	0	0	0
0.026102	0	0	0	0	0	0
0.015818	0	0	0	0	0	0
0.051483	0	0	0	0	0	0
0.039179	0	0	0	0	0	0
0.122682	0	0	0	0	0	0
0.012081	0	0	0	0	0	0
0.016664	0	0	0	0	0	0
0.016035	0	0	0	0	0	0
0.009347	0	0	0	0	0	0
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0.017647	0	0	0	0	0	0

0.009382	0	0	0	0	0	0
0.021156	0	0	0	0	0	0
0.011599	0	0	0	0	0	0
0.013796	0	0	0	0	0	0
0.013994	0	0	0	0	0	0
0.014095	0	0	0	0	0	0
0.007004	0	0	0	0	0	0
0.032669	0	0	0	0	0	0
0.021656	0	0	0	0	0	0
0.008959	0	0	0	0	0	0
0.154754	0	0	0	0	0	0
0.015119	0	0	0	0	0	0
0.087741	0	0	0	0	0	0
0.075707	0	0	0	0	0	0
0.040015	0	0	0	0	0	0
0.0499	0	0	0	0	0	0
0.081588	0	0	0	0	0	0
0.093687	0	0	0	0	0	0
0.02486	0	0	0	0	0	0
0.056285	0	0	0	0	0	0
0.033981	0	0	0	0	10	10
0.014984	0	10	0	0	0	10
0.012187	0	0	0	0	0	0
0.020642	0	0	0	0	0	0
0.057455	0	0	0	0	0	0
0.062771	0	0	0	0	0	0
0.056517	0	0	0	0	0	0
0.191341	0	0	0	0	0	0
0.061883	0	0	0	0	0	0
0.096834	0	0	0	0	0	0
0.009395	0	0	0	0	0	0
0.016636	0	0	0	0	0	0
0.005477	0	0	0	0	0	0
0.0038	0	0	0	0	0	0
0.019754	0	0	0	0	0	0
0.020812	0	0	0	0	0	0
0.036649	0	0	0	0	0	0
0.001094	0	0	0	0	0	0
0.020393	0	0	0	0	0	0
0.04607	0	0	0	0	0	0
0.01842	0	0	0	0	0	0
0.016417	0	0	0	0	0	0
0.04337	0	0	0	0	0	0
0.019264	0	0	0	0	0	0
0.07896	0	0	0	0	0	0
0.041678	0	0	0	0	0	0
0.085717	0	0	0	0	0	0
0.012884	0	0	0	0	0	0
0.051878	0	0	0	0	0	0
0.007658	0	0	0	0	0	0

0.090813	0	0	0	0	0	0
0.066256	0	0	0	0	0	0
0.017188	0	0	0	0	0	0
0.011435	0	0	0	0	0	0
0.012302	0	0	0	0	0	0
0.032939	0	0	0	0	0	0
0.03083	0	0	0	0	0	0
0.009182	0	0	0	0	0	0
0.028714	0	0	0	0	0	0
0.017334	0	0	0	0	0	0
0.003678	0	0	0	0	0	0
0.001148	0	0	0	0	0	0
0.087275	0	0	0	0	0	0
0.053168	0	0	0	0	0	0
0.218824	0.02	0	0	0	0	0
0.079411	0	0	0	0	0	0
0.211636	0	0	0	0	0	0
0.16368	0	0	0	0	0	0
0.094734	0	0	0	0	0	0
0.045796	0	0	0	0	0	0
0.053328	0	0	0	0	0	0
0.026899	0	0	0	0	0	0
0.156751	0	0	0	0	0	0
0.220826	0	0	0	0	0	0
0.128263	0	0	0	0	0	0
0.042359	0	0	0	0	0	0
0.036384	0	0	0	0	0	0
0.059413	0	0	0	0	0	0
0.007031	0	0	0	0	0	0
0.031474	0	0	0	0	0	0
0.038333	0	0	0	0	0	0
0.207211	0	0	0	0	0	0
0.238237	0	0	0	0	0	0
0.024635	0	0	0	0	0	0
0.027793	0	0	0	0	0	0
0.033898	0	0	0	0	0	0
0.048753	0	0	0	0	0	0
0.049629	0	0	0	0	0	0
0.030244	0	0	0	0	0	0
0.034004	0	0	0	0	0	0
0.075945	0	0	0	0	0	0
0.052485	0	0	0	0	0	0
0.021135	0	0	0	0	0	0
0.028056	0	0	0	0	0	0
0.026335	0	0	0	0	0	0
0.023842	0	0	0	0	0	0
0.032252	0	0	0	0	0	0
0.037378	0	0	0	0	0	0
0.036881	0	0	0	0	0	0
0.037435	0	0	0	0	0	0

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0.012564	0	0	0	0	0	0
0.022995	0	0	0	0	0	0
0.024617	0	0	0	0	0	0
0.01556	0	0	0	0	0	0
0.027131	0	0	0	0	0	0
0.079393	0	0	0	0	0	0
0.037727	0	0	0	0	0	0
0.038613	0	0	0	0	0	0
0.027883	0	0	0	0	0	0
0.064518	0	0	0	0	0	0
0.032325	0	0	0	0	0	0
0.031359	0	0	0	0	0	0
0.037802	0	0	0	0	0	0
0.017045	0	0	0	0	0	0
0.006371	0	0	0	0	0	0
0.014491	0	0	0	0	0	0
0.034127	0	0	0	0	0	0
0.005054	0	0	0	0	0	0
0.00363	0	0	0	0	0	0
0.003865	0	0	0	0	0	0
0.00369	0	0	0	0	0	0
0.004597	0	0	0	0	0	0
0.0292	0	0	0	0	0	0
0.002566	0	0	0	0	0	0
0.079735	0	0	0	0	0	0
0.138748	0	0	0	0	0	0
0.162159	0	0	0	0	0	0
0.173397	0	0	0	0	0	0
0.267743	0	0	0	0	0	0
0.104751	0	0	0	0	0	0
0.277284	0	0	0	0	0	0
0.055066	0	0	0	0	0	0
0.351014	0	0	0	0	0	0
0.149983	0	0	0	0	0	0
0.033597	0	0	0	0	0	0
0.037088	0	0	0	0	0	0
0.014677	0	0	0	0	0	0
0.024366	0	0	0	0	0	0
0.00153	0	0	0	0	0	0
0.022415	0	0	0	0	0	0
0.026029	0	0	0	0	0	0
0.019246	0	0	0	0	0	0
0.034109	0	0	0	0	0	0
0.033058	0	0	0	0	0	0
0.02596	0	0	0	0	0	0
0.024333	0	0	0	0	0	0
0.02989	0	0	0	0	0	0
0.027051	0	0	0	0	0	0
0.006619	0	0	0	5	3	8

0.060141	0	3	0	0	0	3
0.006759	0	0	0	0	0	0
0.003865	0	0	0	0	0	0
0.00271	0	0	0	0	0	0
0.012769	0	0	0	0	0	0
0.047786	0	0	0	0	0	0
0.006348	0	0	0	0	0	0
0.00493	0	0	0	0	0	0
0.003082	0	0	0	0	0	0
0.015714	0	0	0	0	0	0
0.005646	0	0	0	0	0	0
0.005415	0	0	0	0	0	0
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0.013902	0	0	0	0	0	0
0.008638	0	0	0	0	0	0
0.006357	0	0	0	0	0	0
0.005875	0	0	0	0	0	0
0.006688	0	0	0	0	0	0
0.028691	0	0	0	0	0	0
0.026043	0	0	0	0	0	0
0.017683	0	0	0	0	0	0
0.020098	0	0	0	0	0	0
0.022485	0	0	0	0	0	0
0.022113	0	0	0	0	0	0
0.01746	0	0	0	0	0	0
0.010841	0	0	0	0	0	0
0.006741	0	0	0	0	0	0
0.012363	0	0	0	0	0	0
0.01114	0	0	0	0	0	0
0.095999	0	0	0	0	0	0
0.038527	0	0	0	0	0	0
0.006601	0	0	0	0	0	0
0.032113	0	0	0	0	0	0
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0.022614	0	0	0	0	0	0
0.008509	0	0	0	0	0	0
0.025036	0	0	0	0	0	0
0.039082	0	0	0	0	0	0
0.030115	0	0	0	0	0	0
0.03575	0	0	0	0	0	0
0.063318	0	0	0	0	0	0
0.091517	0	0	0	0	0	0
0.056832	0	0	0	0	0	0
0.037434	0	0	0	0	0	0
0.036559	0	0	0	0	0	0
0.032639	0	0	0	0	0	0
0.028824	0	0	0	0	0	0
0.036715	0	0	0	0	0	0
0.043584	0	0	0	0	0	0
0.03056	0	0	0	0	0	0

0.043965	0	0	0	0	0	0
0.047395	0	0	0	0	0	0
0.045629	0	0	0	0	0	0
0.131931	0	0	0	0	0	0
0.037182	0	0	0	0	0	0
0.049122	0	0	0	0	0	0
0.028576	0	0	0	0	0	0
0.03939	0	0	0	0	0	0
0.075197	0	0	0	0	0	0
0.047258	0	0	0	0	0	0
0.010275	0	0	0	0	0	0
0.012124	0	0	0	0	0	0
0.008888	0	0	0	0	0	0
0.042656	0	0	0	0	0	0
0.037732	0	0	0	0	0	0
0.00578	0	0	0	0	0	0
0.015018	0	0	0	0	0	0
0.003674	0	0	0	0	0	0
0.012111	0	0	0	0	0	0
0.011027	0	0	0	0	0	0
0.003292	0	0	0	0	0	0
0.006201	0	0	0	0	0	0
0.0061	0	0	0	0	0	0
0.007954	0	0	0	0	0	0
0.009873	0	0	0	0	0	0
0.035381	0	0	0	0	0	0
0.052792	0	0	0	0	0	0
0.006137	0	0	0	0	0	0
0.004913	0	0	0	0	0	0
0.028671	0	0	0	0	0	0
0.027651	0	0	0	0	0	0
0.021072	0	0	0	0	0	0
0.055945	0	0	0	0	0	0
0.075621	0	0	0	0	0	0
0.02759	0	0	0	0	0	0
0.012064	0	0	0	0	0	0
0.007577	0	0	0	0	0	0
0.004696	0	0	0	0	0	0
0.006583	0	0	0	0	0	0
0.030109	0	0	0	0	0	0
0.009964	0	0	0	0	0	0
0.037798	0	0	0	0	0	0
0.004173	0	0	0	0	0	0
0.020165	0	0	0	0	0	0
0.053362	0	0	0	0	0	0
0.059224	0	0	0	0	0	0
0.011432	0	0	0	0	0	0
0.025884	0	0	0	0	0	0
0.015126	0	0	0	0	0	0
0.03011	0	0	0	0	0	0

0.036648	0	0	0	0	0	0
0.027935	0	0	0	0	0	0
0.01361	0	0	0	0	0	0
0.009021	0	0	0	0	0	0
0.007156	0	0	0	0	0	0
0.008499	0	0	0	0	0	0
0.011021	0	0	0	0	0	0
0.006731	0	0	0	0	0	0
0.004081	0	0	0	0	0	0
0.019753	0	0	0	0	0	0
0.021682	0	0	0	0	0	0
0.016706	0	0	0	0	0	0
0.018212	0	0	0	0	0	0
0.074184	0	0	0	0	0	0
0.064079	0	0	0	0	0	0
0.008475	0	0	0	0	0	0
0.011549	0	0	0	0	0	0
0.007171	0	0	0	0	0	0
0.009607	0	0	0	0	0	0
0.015203	0	0	0	0	0	0
0.008046	0	0	0	0	0	0
0.018141	0	0	0	0	0	0
0.002563	0	0	0	0	0	0
0.04935	0.02	0	0	0	0	0
0.003205	0	0	0	0	0	0
0.003507	0	0	0	0	0	0
0.010172	0	0	0	0	0	0
0.024439	0	0	0	0	0	0
0.005946	0	0	0	0	0	0
0.029837	0	0	0	0	0	0
0.01356	0	0	0	0	0	0
0.018585	0	0	0	0	0	0
0.008263	0	0	0	0	0	0
0.020347	0	0	0	0	0	0
0.236846	0	0	0	0	0	0
0.035402	0	0	0	0	0	0
0.023526	0	0	0	0	0	0
0.013796	0	0	0	0	0	0
0.046588	0	0	0	0	0	0
0.126242	0	0	0	0	0	0
0.102452	0	0	0	0	0	0
0.078055	0	0	0	0	0	0
0.008781	0	0	0	0	0	0
0.050488	0	0	0	0	0	0
0.008528	0	0	0	0	0	0
0.018171	0	0	0	0	0	0
0.005974	0	0	0	0	0	0
0.005147	0	0	0	0	0	0
0.004992	0	0	0	0	0	0
0.004638	0	0	0	0	0	0



0.006429	0	0	0	0	0	0
0.012697	0	0	0	0	0	0
0.015513	0	0	0	0	0	0
0.011857	0	0	0	0	0	0
0.016651	0	0	0	0	0	0
0.030845	0	0	0	0	0	0
0.008796	0	0	0	0	0	0
0.024545	0	0	0	0	0	0
0.014922	0	0	0	0	0	0
0.009033	0	0	0	0	0	0
0.017459	0	0	0	0	0	0
0.009047	0	0	0	0	0	0
0.00455	0	0	0	0	0	0
0.008905	0	0	0	0	0	0
0.008809	0	0	0	0	0	0
0.042122	0	0	0	0	0	0
0.006281	0	0	0	0	0	0
0.008595	0	0	0	0	0	0
0.006248	0	0	0	0	0	0
0.00548	0	0	0	0	0	0
0.005619	0	0	0	0	0	0
0.006016	0	0	0	0	0	0
0.00882	0	0	0	0	0	0
0.00275	0	0	0	0	0	0
0.047384	0	0	0	0	0	0
0.057241	0	0	0	0	0	0
0.065625	0	0	0	0	0	0
0.066971	0	0	0	0	0	0
0.058799	0	0	0	0	0	0
0.056617	0	0	0	0	0	0
0.04432	0	0	0	0	0	0
0.049307	0	0	0	0	0	0
0.037392	0	0	0	0	0	0
0.080289	0	0	0	0	0	0
0.041553	0	0	0	0	0	0
0.037053	0	0	0	0	0	0
0.015385	0	0	0	0	0	0
0.012358	0	0	0	0	0	0
0.00887	0	0	0	0	0	0
0.107928	0	0	0	0	0	0
0.008276	0	0	0	0	0	0
0.009074	0	0	0	0	0	0
0.01764	0	0	0	0	0	0
0.008532	0	0	0	0	0	0
0.02127	0	0	0	0	0	0
0.01465	0	0	0	0	0	0
0.008339	0	0	0	0	0	0
0.016846	0	0	0	0	0	0
0.019979	0	0	0	0	0	0
0.018993	0	0	0	0	0	0

0.01463	0	0	0	0	0	0
0.012004	0	0	0	0	0	0
0.009229	0	0	0	0	0	0
0.008729	0	0	0	0	0	0
0.02098	0	0	0	0	0	0
0.016773	0	0	0	0	0	0
0.01501	0	0	0	0	0	0
0.02187	0	0	0	0	0	0
0.01928	0	0	0	0	0	0
0.261859	0.01	0	0	0	0	0
0.038494	0	0	0	0	0	0
0.122895	0	0	0	0	0	0
0.05799	0	0	0	0	0	0
0.085197	0	0	0	0	0	0
0.031245	0	0	0	0	0	0
0.174247	0	0	0	0	0	0
0.019318	0	0	0	0	0	0
0.019426	0	0	0	0	0	0
0.029667	0	0	0	0	0	0
0.018116	0	0	0	0	0	0
0.017092	0	0	0	0	0	0
0.026812	0	0	0	0	0	0
0.028185	0	0	0	0	0	0
0.03778	0	0	0	0	0	0
0.035048	0	0	0	0	0	0
0.040765	0	0	0	0	0	0
0.030976	0.04	0	0	0	0	0
0.052609	0	0	0	0	0	0
0.026755	0	0	0	0	0	0
0.08012	0	0	0	0	0	0
0.105695	0	0	0	0	0	0
0.044719	0	0	0	0	0	0
0.081652	0	0	0	0	0	0
0.025856	0	0	0	0	0	0
0.026728	0	0	0	0	0	0
0.032098	0	0	0	0	0	0
0.01646	0	0	0	0	0	0
0.014374	0	0	0	0	0	0
0.014138	0	0	0	0	0	0
0.005267	0	0	0	0	0	0
0.013007	0	0	0	0	0	0
0.013958	0	0	0	0	0	0
0.007846	0	0	0	0	0	0
0.006222	0	0	0	0	0	0
0.013176	0	0	0	0	0	0
0.006842	0	0	0	0	0	0
0.009352	0	0	0	0	0	0
0.006062	0	0	0	0	0	0
0.02561	0	0	0	0	0	0
0.009021	0	0	0	0	0	0

0.0091	0	0	0	0	0	0
0.025961	0	0	0	0	0	0
0.004363	0	0	0	0	0	0
0.013807	0	0	0	0	0	0
0.050536	0	0	0	0	0	0
0.008754	0	0	0	0	0	0
0.018289	0	0	0	0	0	0
0.015396	0	0	0	0	0	0
0.011742	0	0	0	0	0	0
0.008565	0	0	0	0	0	0
0.006914	0	0	0	0	0	0
0.008274	0	0	0	0	0	0
0.016402	0	0	0	0	0	0
0.030659	0	0	0	0	0	0
0.017168	0	0	0	0	0	0
0.070066	0	0	0	0	0	0
0.0459	0	0	0	0	0	0
0.012491	0	0	0	0	0	0
0.101222	0	0	0	0	0	0
0.011049	0	0	0	0	0	0
0.067964	0	0	0	0	0	0
0.025043	0	0	0	0	0	0
0.086944	0	0	0	0	0	0
0.044854	0	0	0	0	0	0
0.083034	0	0	0	0	0	0
0.07696	0	0	0	0	0	0
0.094184	0	0	0	0	0	0
0.029681	0	0	0	0	0	0
0.069478	0	0	0	0	0	0
0.046934	0	0	0	0	0	0
0.037963	0	0	0	0	0	0
0.048059	0	0	0	0	0	0
0.054327	0	0	0	0	0	0
0.241934	0	0	0	0	0	0
0.084336	0	0	0	0	0	0
0.055525	0	0	0	0	0	0
0.03812	0	0	0	0	0	0
0.006979	0	0	0	0	0	0
0.025916	0	0	0	0	0	0
0.030407	0.01	0	0	0	0	0
0.030276	0	0	0	0	0	0
0.135727	0	0	0	0	0	0
0.077056	0	0	0	0	0	0
0.129199	0	0	0	0	0	0
0.053415	0	0	0	0	0	0
0.053849	0	0	0	0	0	0
0.053678	0	0	0	0	0	0
0.069559	0	0	0	0	0	0
0.041361	0	0	0	0	0	0
0.082163	0	0	0	0	0	0

0.061217	0	0	0	0	0	0
0.120308	0	0	0	0	0	0
0.069084	0	0	0	0	0	0
0.22319	0	0	0	0	0	0
0.120831	0	0	0	0	0	0
0.068973	0	0	0	0	0	0
0.35497	0	0	0	0	0	0
0.005971	0	0	0	0	0	0
0.001716	0	0	0	0	0	0
0.004351	0	0	0	0	0	0
0.002761	0	0	0	0	0	0
0.010747	0	0	6	0	0	6
0.024772	0	0	0	0	4	4
0.023284	0	4	13	13	0	30
0.006406	0.02	0	0	0	0	0
0.004451	0	0	0	0	0	0
0.007708	0	0	0	0	0	0
0.001347	0	0	0	0	0	0
0.009659	0	0	0	0	0	0
0.012569	0	0	0	0	0	0
0.006153	0	0	0	0	0	0
0.002354	0	0	0	0	0	0
0.005209	0	0	0	0	0	0
0.00188	0	0	0	0	0	0
0.004849	0	0	0	0	0	0
0.002221	0	0	0	0	0	0
0.002735	0	0	0	0	0	0
0.003908	0	0	0	0	0	0
0.00573	0	0	0	0	0	0
0.004324	0	0	0	0	0	0
0.004462	0	0	0	0	0	0
0.004318	0	0	0	0	0	0
0.003146	0	0	0	0	0	0
0.004547	0	0	0	0	0	0
0.003301	0	0	0	0	0	0
0.002591	0	0	0	0	0	0
0.02896	0	0	0	0	0	0
0.004877	0	0	0	0	0	0
0.014271	0	0	0	0	0	0
0.041331	0	0	0	0	0	0
0.02663	0	0	0	0	0	0
0.038492	0	0	0	0	0	0
0.009544	0	0	0	0	0	0
0.016392	0	0	0	0	0	0
0.008817	0	0	0	0	0	0
0.005797	0	0	0	0	0	0
0.091985	0	0	0	0	0	0
0.046645	0	0	0	0	0	0
0.095257	0	0	0	0	0	0
0.031638	0	0	0	0	0	0

0.026685	0	0	0	0	0	0
0.061339	0	0	0	0	0	0
0.069915	0	0	0	0	0	0
0.053084	0	0	0	0	0	0
0.058589	0	0	0	0	0	0
0.069187	0	0	0	0	0	0
0.055208	0	0	0	0	0	0
0.003525	0	0	0	0	0	0
0.003767	0	0	0	0	0	0
0.002583	0	0	0	0	0	0
0.009055	0	0	0	0	0	0
0.009574	0	0	0	0	0	0
0.002647	0	0	0	0	0	0
0.007395	0	0	0	0	0	0
0.081144	0	0	0	0	0	0
0.013048	0	0	0	0	0	0
0.021446	0	0	0	0	0	0
0.028835	0	0	0	0	0	0
0.026662	0	0	0	0	0	0
0.044402	0	0	0	0	0	0
0.03704	0	0	0	0	0	0
0.072545	0	0	0	0	0	0
0.10381	0	0	0	0	0	0
0.040315	0	0	0	0	0	0
0.080085	0	0	0	0	0	0
0.056662	0	0	0	0	0	0
0.100378	0	0	0	0	0	0
0.057296	0	0	0	0	0	0
0.047491	0	0	0	0	0	0
0.044422	0	0	0	0	0	0
0.030433	0	0	0	0	0	0
0.04399	0	0	0	0	0	0
0.067621	0	0	0	0	0	0
0.156372	0	0	0	0	0	0
0.056995	0	0	0	0	0	0
0.011067	0	0	0	0	0	0
0.00194	0	0	0	0	0	0
0.001145	0.01	0	0	0	0	0
0.001588	0	0	0	0	0	0
0.006114	0	0	0	0	0	0
0.019784	0	0	0	0	0	0
0.118591	0	0	0	0	0	0
0.053422	0	0	0	0	0	0
0.035019	0	0	0	0	0	0
0.024545	0	0	0	0	0	0
0.017501	0	0	0	0	0	0
0.014786	0	0	0	0	0	0
0.013156	0	0	0	0	0	0
0.006403	0	0	0	0	0	0
0.009806	0	0	0	0	0	0

0.073431	0	0	0	0	0	0
0.01406	0	0	0	0	0	0
0.009877	0	0	0	0	0	0
0.008682	0	0	0	0	0	0
0.129686	0	0	0	0	0	0
0.123991	0	0	0	0	0	0
0.109937	0	0	0	0	0	0
0.142836	0	0	0	0	0	0
0.049626	0	0	0	0	0	0
0.102978	0	0	0	0	0	0
0.694679	0	0	0	0	0	0
0.650801	0	0	0	0	0	0
0.265648	0	0	0	0	0	0
0.08626	0	0	0	0	0	0
0.183393	0	0	0	0	0	0
0.111984	0	0	0	0	0	0
0.969263	0	0	0	0	0	0
0.025747	0	0	0	0	0	0
0.058366	0	0	0	0	0	0
0.119893	0	0	0	0	0	0
0.190271	0	0	0	0	0	0
0.046337	0	0	0	0	0	0
0.05524	0	0	0	0	0	0
0.042748	0	0	0	0	0	0
0.046661	0	0	0	0	0	0
0.060714	0	0	0	0	0	0
0.052753	0	0	0	0	0	0
0.121539	0	0	0	0	0	0
0.063431	0	0	0	0	0	0
0.011427	0	0	0	0	0	0
0.003842	0	0	0	0	0	0
0.00842	0	0	0	0	0	0
0.005392	0	0	0	0	0	0
0.010231	0	0	0	0	0	0
0.008624	0	0	0	0	0	0
0.00798	0	0	0	0	0	0
0.012459	0	0	0	0	0	0
0.017661	0	0	0	0	0	0
0.019163	0	0	0	0	0	0
0.008372	0	0	0	0	1	1
0.015514	0	1	0	0	0	1
0.059687	0	0	0	0	0	0
0.057155	0	0	0	0	0	0
0.056732	0	0	0	0	0	0
0.047466	0	0	0	0	0	0
0.045973	0	0	0	0	3	3
0.046279	0	0	0	0	0	0
0.057935	0	0	0	0	0	0
0.062953	0	0	0	0	0	0
0.05128	0	0	0	0	0	0

0.079123	0	0	0	0	0	0
0.051142	0	0	0	0	0	0
0.045227	0	0	0	0	0	0
0.096666	0	0	0	0	0	0
0.045894	0	0	0	0	5	5
0.054024	0	5	0	0	0	5
0.025639	0	0	0	0	0	0
0.008025	0	0	0	0	0	0
0.098401	0	0	0	0	0	0
0.121865	0.03	0	0	0	0	0
0.089468	0	0	0	0	0	0
0.008206	0	0	0	0	0	0
0.131257	0	0	0	0	0	0
0.033933	0.04	0	0	0	0	0
0.019955	0	0	0	0	0	0
0.016909	0	0	0	0	0	0
0.012682	0	0	0	0	0	0
0.018461	0	0	0	0	0	0
0.028077	0	0	0	0	0	0
0.031571	0	0	0	0	0	0
0.008357	0	0	0	0	0	0
0.077652	0	0	0	0	0	0
0.011779	0	0	0	0	0	0
0.027983	0	0	0	0	0	0
0.190232	0	0	0	0	0	0
0.103337	0	0	0	0	0	0
0.04263	0	0	0	0	0	0
0.018488	0	0	0	0	0	0
0.01665	0	0	0	0	0	0
0.017353	0	0	0	0	0	0
0.023986	0	0	0	0	0	0
0.00888	0	0	0	0	0	0
0.011055	0	0	0	0	0	0
0.031441	0	0	0	0	0	0
0.044254	0	0	0	0	0	0
0.043475	0	0	0	0	0	0
0.050773	0	0	0	0	0	0
0.030903	0	0	0	0	0	0
0.076609	0	0	0	0	0	0
0.031983	0	0	0	0	0	0
0.0432	0	0	0	0	0	0
0.024378	0	0	0	0	0	0
0.019492	0	0	0	0	0	0
0.014743	0	0	0	0	0	0
0.01892	0	0	0	0	0	0
0.06897	0	4	0	0	0	4
0.007779	0	0	0	0	0	0
0.004702	0	0	0	0	0	0
0.011044	0	0	0	0	0	0
0.011249	0	0	0	0	0	0

0.049618	0	0	0	0	0	0
0.011491	0	0	0	0	0	0
0.00646	0	0	0	0	0	0
0.009381	0	0	0	0	0	0
0.00973	0	0	0	0	0	0
0.00988	0	0	0	0	0	0
0.008405	0	0	0	0	0	0
0.013814	0	0	0	0	0	0
0.004431	0	0	0	0	0	0
0.007219	0	0	0	0	4	4
0.03931	0	0	0	0	0	0
0.021948	0	0	0	0	0	0
0.021369	0	0	0	0	0	0
0.019914	0	0	0	0	0	0
0.039128	0	0	0	0	0	0
0.050613	0	0	0	0	0	0
0.041212	0	0	0	0	0	0
0.015364	0	0	0	0	0	0
0.052321	0	0	0	0	0	0
0.052453	0	0	0	0	0	0
0.120457	0	0	0	0	0	0
0.066527	0	0	0	0	0	0
0.05919	0	0	0	0	0	0
0.055965	0	0	0	0	0	0
0.051891	0	0	0	0	0	0
0.047238	0	0	0	0	0	0
0.008851	0	0	0	0	0	0
0.008399	0	0	0	0	0	0
0.009281	0.01	0	0	0	0	0
0.00348	0	0	0	0	0	0
0.005987	0	0	0	0	0	0
0.043432	0	0	0	0	0	0
0.006263	0	0	0	0	0	0
0.006805	0	0	0	0	0	0
0.066881	0	0	0	0	0	0
0.029257	0	0	0	0	0	0
0.051536	0	0	0	0	0	0
0.030785	0	0	0	0	0	0
0.073448	0	0	0	0	0	0
0.061059	0	0	0	0	0	0
0.06442	0	0	0	0	0	0
0.062796	0.04	0	0	0	0	0
0.020766	0	0	0	0	0	0
0.055825	0	0	0	0	0	0
0.098106	0	0	0	0	0	0
0.024013	0	0	0	0	0	0
0.014641	0	0	0	0	0	0
0.016846	0	0	0	0	0	0
0.015825	0	0	0	0	0	0
0.065075	0	0	0	0	0	0



0.021947	0	0	0	0	0	0
0.02802	0	0	0	0	0	0
0.039212	0	0	0	0	0	0
0.016434	0	0	0	0	0	0
0.022052	0	0	0	0	0	0
0.095548	0	0	0	0	0	0
0.062947	0	0	0	0	0	0
0.037913	0	0	0	0	0	0
0.050116	0	0	0	0	0	0
0.038529	0	0	0	0	0	0
0.061421	0	0	0	0	0	0
0.032734	0	0	0	0	0	0
0.056373	0	0	0	0	0	0
0.032323	0	0	0	0	0	0
0.028789	0	0	0	0	0	0
0.019489	0	0	0	0	0	0
0.009899	0	0	0	0	0	0
0.010565	0	0	0	0	0	0
0.023112	0	0	0	0	0	0
0.012143	0	0	0	0	0	0
0.015322	0	0	0	0	0	0
0.016304	0	0	0	0	0	0
0.019125	0	0	0	0	0	0
0.010272	0	0	0	0	0	0
0.011225	0	0	0	0	0	0
0.008286	0	0	0	0	0	0
0.009117	0	0	0	0	0	0
0.009556	0	0	0	0	0	0
0.152789	0	0	0	0	0	0
0.359119	0	0	0	0	0	0
0.740157	0	0	0	0	0	0
0.302468	0	0	0	0	0	0
0.581788	0	0	0	0	0	0
0.046111	0	0	0	0	0	0
0.041833	0	0	0	0	0	0
0.023224	0	0	0	0	0	0
0.035181	0	0	0	0	0	0
0.057979	0	0	0	0	0	0
0.13527	0	0	0	0	0	0
0.013895	0	0	0	0	0	0
0.017067	0	0	0	0	0	0
0.068305	0	0	0	0	0	0
0.08744	0	0	0	0	0	0
0.094216	0	0	0	0	0	0
0.104048	0	0	0	0	0	0
0.013008	0	0	0	0	0	0
0.012464	0	0	0	0	0	0
0.019829	0	0	0	0	0	0
0.012046	0	0	0	0	0	0
0.065283	0	0	0	0	0	0

0.005589	0	0	0	0	0	0
0.014015	0	0	0	0	0	0
0.018679	0	0	0	0	0	0
0.025882	0	0	0	0	0	0
0.08247	0	0	0	0	0	0
0.044646	0	0	0	0	0	0
0.046686	0	0	0	0	0	0
0.026903	0	0	0	0	0	0
0.036601	0	0	0	0	0	0
0.005615	0	0	0	0	0	0
0.180451	0.02	0	0	0	0	0
0.037713	0	0	0	0	0	0
0.990829	0	0	0	0	0	0
0.004174	0	0	0	0	0	0
0.010914	0	0	0	0	0	0
0.010794	0	0	0	0	0	0
0.011129	0	0	0	0	0	0
0.010428	0	0	0	0	0	0
0.005397	0	0	0	0	0	0
0.017691	0	0	0	0	0	0
0.02346	0	0	0	0	0	0
0.075095	0	0	0	0	0	0
0.088045	0	0	0	0	0	0
0.038385	0	0	0	0	0	0
0.025254	0	0	0	0	0	0
0.045968	0	0	0	0	0	0
0.030824	0	0	0	0	0	0
0.038978	0	0	0	0	0	0
0.056417	0	0	0	0	0	0
0.198036	0	0	0	0	0	0
0.155365	0	0	0	0	0	0
0.046911	0	0	0	0	0	0
0.049325	0	0	0	0	0	0
0.040623	0	0	0	0	0	0
0.01936	0	0	0	0	0	0
0.049978	0	0	0	0	0	0
0.024089	0	0	0	0	0	0
0.14903	0	0	0	0	0	0
0.054063	0	0	0	0	0	0
0.045085	0	0	0	0	0	0
0.044569	0	0	0	0	0	0
0.133079	0	0	0	0	0	0
0.105634	0	0	0	0	0	0
0.034312	0	0	0	0	0	0
0.036078	0	0	0	0	0	0
0.068761	0	0	0	0	0	0
0.096334	0	0	0	0	0	0
0.030608	0	0	0	0	0	0
0.03844	0	0	0	0	0	0
0.033063	0	0	0	0	0	0

0.039697	0	0	0	0	0	0
0.058024	0	0	0	0	0	0
0.039919	0	0	0	0	0	0
0.036972	0	0	0	0	0	0
0.047152	0	0	0	0	0	0
0.053343	0	0	0	0	0	0
0.062926	0	0	0	0	0	0
0.065124	0	0	0	0	0	0
0.157217	0.01	0	0	0	0	0
0.009826	0	0	0	0	0	0
0.005605	0	0	0	0	0	0
0.013206	0	0	0	0	0	0
0.003257	0	0	0	0	0	0
0.00285	0	0	0	0	0	0
0.005994	0	0	0	0	0	0
0.014699	0	0	0	0	0	0
0.171502	0	0	0	0	0	0
0.044206	0	0	0	0	0	0
0.005321	0	0	0	0	0	0
0.009376	0.01	0	0	0	0	0
0.0118	0	0	0	0	0	0
0.079708	0	0	0	5	0	5
0.023294	0	0	0	0	0	0
0.004704	0	0	0	0	0	0
0.005802	0	0	0	0	0	0
0.005586	0	0	0	0	0	0
0.007981	0	0	0	0	0	0
0.056113	0	0	0	0	0	0
0.148122	0	0	0	0	0	0
0.080907	0	0	0	0	0	0
0.103944	0	0	0	0	0	0
0.04947	0	0	0	0	0	0
0.060359	0	0	0	0	0	0
0.042753	0	0	0	0	0	0
0.049147	0	0	0	0	0	0
0.106496	0	0	0	0	0	0
0.049844	0	0	0	0	0	0
0.052747	0	0	0	0	0	0
0.03764	0	0	0	0	0	0
0.054344	0	0	0	0	0	0
0.011855	0	0	0	0	0	0
0.016604	0	0	0	0	0	0
0.03651	0	0	0	0	0	0
0.029939	0	0	0	0	0	0
0.027938	0	0	0	0	0	0
0.030104	0	0	0	0	0	0
0.065186	0	0	0	0	0	0
0.029075	0	0	0	0	0	0
0.012549	0	0	0	0	0	0
0.668107	0	0	0	0	0	0

0.147091	0	0	0	0	0	0
0.0585	0	0	0	0	0	0
0.937556	0	0	0	0	0	0
0.953228	0	0	0	0	0	0
0.185212	0	0	0	0	0	0
0.037538	0	0	0	0	0	0
0.117891	0	0	0	0	0	0
0.002379	0	0	0	0	0	0
0.019074	0.01	0	0	0	0	0
0.004488	0	0	0	0	0	0
0.037774	0	0	0	0	0	0
0.054567	0	0	0	0	0	0
0.030836	0	0	0	0	0	0
0.017954	0	0	0	0	0	0
0.050111	0	0	0	0	0	0
0.022844	0	0	0	0	0	0
0.035988	0	0	0	0	0	0
0.02236	0	0	0	0	0	0
0.023652	0	0	0	0	0	0
0.058921	0	0	0	0	0	0
0.061407	0	0	0	0	0	0
0.029675	0	0	0	0	0	0
0.033487	0	0	0	0	0	0
0.026983	0	0	0	0	0	0
0.006307	0	0	0	0	0	0
0.066547	0	0	0	0	0	0
0.007187	0	0	0	0	0	0
0.007084	0	0	0	0	0	0
0.017336	0	0	0	0	0	0
0.006772	0	0	0	0	0	0
0.246937	0	0	0	0	0	0
0.085707	0	0	0	0	0	0
0.049046	0	0	0	0	0	0
0.07048	0	0	0	0	0	0
0.049824	0	0	0	0	0	0
0.037871	0	0	0	0	0	0
0.023932	0	0	0	0	0	0
0.018113	0	0	0	0	0	0
0.01992	0	0	0	0	0	0
0.02639	0	0	0	0	0	0
0.091097	0	0	0	0	0	0
0.054173	0	0	0	0	0	0
0.042814	0	0	0	0	0	0
0.039975	0	0	0	0	0	0
0.049898	0	0	0	0	0	0
0.048231	0	0	0	0	0	0
0.029178	0	0	0	0	0	0
0.026953	0	0	0	0	0	0
0.043437	0	0	0	0	0	0
0.041476	0	0	0	0	0	0

0.091855	0	0	0	0	0	0
0.039517	0	0	0	0	0	0
0.042536	0	0	0	0	0	0
0.020948	0	0	0	0	0	0
0.011324	0	0	0	0	0	0
0.019826	0	0	0	0	0	0
0.031355	0	0	0	0	0	0
0.07716	0	0	0	0	0	0
0.042838	0	0	0	0	0	0
0.058808	0	0	0	0	0	0
0.01921	0	0	0	0	0	0
0.038458	0	0	0	0	0	0
0.017252	0	0	0	0	0	0
0.055299	0	0	0	0	0	0
0.031674	0	0	0	0	0	0
0.038122	0	0	0	0	0	0
0.036534	0	0	0	0	0	0
0.020101	0	0	0	0	0	0
0.029996	0	0	0	0	0	0
0.029872	0	0	0	0	0	0
0.002102	0	0	0	0	0	0
0.001188	0	0	5	0	0	5
0.001805	0	0	0	0	0	0
0.002819	0	0	0	0	0	0
0.041334	0	0	0	0	0	0
0.022191	0	0	0	0	0	0
0.031419	0	0	0	0	0	0
0.030394	0	0	0	0	0	0
0.024203	0	0	0	0	0	0
0.033977	0	0	0	0	0	0
0.06443	0	0	0	0	0	0
0.05424	0	0	0	0	0	0
0.170657	0	0	0	0	0	0
0.002719	0	0	0	0	0	0
0.00515	0	0	0	0	0	0
0.002063	0	0	0	0	0	0
0.020087	0	0	0	0	0	0
0.022279	0	0	0	0	0	0
0.097931	0	0	0	0	0	0
0.054081	0	0	0	0	0	0
0.023845	0	0	0	0	0	0
0.005576	0	0	0	0	0	0
0.019927	0	0	0	0	0	0
0.004857	0	0	0	0	0	0
0.019417	0	0	0	0	0	0
0.049533	0	0	0	5	0	5
0.078908	0	0	0	0	1	1
0.044026	0	0	0	0	0	0
0.032364	0	0	0	0	0	0
0.046507	0	0	0	0	0	0

0.0514	0	0	0	0	0	0
0.045769	0	0	0	0	0	0
0.111761	0	0	0	0	0	0
0.059951	0	0	0	0	0	0
0.072125	0	0	0	0	0	0
0.124171	0	0	0	0	0	0
0.262666	0	0	0	0	0	0
0.076525	0	0	0	0	0	0
0.038405	0	0	0	0	0	0
0.036917	0	0	0	0	0	0
0.058806	0	0	0	0	0	0
0.039692	0	0	0	0	0	0
0.045722	0	0	0	0	0	0
0.050319	0	0	0	0	0	0
0.132326	0	0	0	0	0	0
0.130305	0.03	0	0	0	0	0
0.07095	0.01	0	0	0	0	0
0.011946	0	0	0	0	0	0
0.010315	0	0	0	0	0	0
0.158328	0	0	0	0	0	0
0.022305	0	0	0	0	0	0
0.034432	0	0	0	0	0	0
0.010063	0	0	0	0	0	0
0.001632	0	0	0	0	0	0
0.002645	0	0	0	0	0	0
0.003403	0	0	0	0	0	0
0.003377	0	0	0	0	0	0
0.105318	0	0	0	0	0	0
0.043218	0	0	0	0	0	0
0.05638	0	0	0	0	0	0
0.043831	0	0	0	0	0	0
0.04035	0	0	0	0	0	0
0.057032	0	0	0	0	0	0
0.076428	0	0	0	0	0	0
0.038149	0	0	0	0	0	0
0.021036	0	0	0	0	0	0
0.034674	0	0	0	0	0	0
0.073194	0	0	0	0	0	0
0.128554	0	0	0	0	0	0
0.012876	0	0	0	0	0	0
0.034267	0	0	0	0	0	0
0.026894	0	0	0	0	0	0
0.049825	0	0	0	0	0	0
0.460892	0.07	0	0	0	0	0
0.048404	0	0	0	0	0	0
0.718087	0.42	0	0	0	0	0
0.035264	0	0	0	0	0	0
0.040127	0	0	0	0	0	0
0.042496	0	0	0	0	0	0
0.042975	0	0	0	0	0	0

0.111001	0	0	0	0	0	0
0.048455	0	0	0	0	0	0
0.066243	0	0	0	0	0	0
0.117286	0	0	0	0	0	0
0.044866	0	0	0	0	0	0
0.156541	0	0	0	0	0	0
0.034757	0	0	0	0	0	0
0.037328	0	0	0	0	0	0
0.047015	0	0	0	0	0	0
0.05229	0	0	0	0	0	0
0.04955	0	0	0	0	0	0
0.042566	0	0	0	0	0	0
0.015932	0.01	0	0	0	0	0
0.035819	0	0	0	0	0	0
0.048909	0	0	0	0	0	0
0.040903	0	0	0	0	0	0
0.021886	0	0	0	0	0	0
0.049205	0	0	0	0	0	0
0.034702	0	0	0	0	0	0
0.026623	0	0	0	0	0	0
0.012215	0	0	0	0	0	0
0.031935	0	0	0	0	0	0
0.016625	0	0	0	0	0	0
0.03792	0	0	0	0	0	0
0.033944	0	0	0	0	0	0
0.024159	0	0	0	0	0	0
0.060323	0	0	0	0	0	0
0.03587	0	0	0	0	0	0
0.028726	0	0	0	0	0	0
0.030004	0	0	0	0	0	0
0.243593	0	0	0	0	0	0
0.07336	0	0	0	0	0	0
0.038687	0	0	0	0	0	0
0.040721	0	0	0	0	0	0
0.03811	0	0	0	0	0	0
0.037964	0	0	0	0	0	0
0.038707	0	0	0	0	0	0
0.082966	0	0	0	0	0	0
0.054873	0	0	0	0	0	0
0.039973	0	0	0	0	0	0
0.038106	0	0	0	0	0	0
0.598681	0	0	0	0	0	0
0.031259	0	0	0	0	0	0
0.032256	0	0	0	0	0	0
0.049277	0	0	0	0	0	0
0.046433	0	0	0	0	0	0
0.076225	0	0	0	0	0	0
0.034667	0	0	0	0	0	0
0.029587	0	0	0	0	0	0
0.038816	0	0	0	0	0	0

0.014304	0	0	0	0	0	0
0.014795	0	0	0	0	0	0
0.057784	0	0	0	0	0	0
0.015613	0	0	0	0	0	0
0.034402	0	0	0	0	0	0
0.033305	0	0	0	0	0	0
0.0357	0	0	0	0	0	0
0.036388	0	0	0	0	0	0
0.02294	0	0	0	0	0	0
0.010842	0	0	0	0	0	0
0.017146	0	0	0	0	0	0
0.067988	0	0	0	0	0	0
0.06515	0	0	0	0	0	0
0.006274	0	0	0	0	0	0
0.005598	0	0	0	0	0	0
0.004681	0	0	0	0	0	0
0.003829	0	0	0	0	0	0
0.005705	0	0	0	0	0	0
0.003739	0	0	0	0	0	0
0.004766	0	0	0	0	0	0
0.002624	0	0	0	0	0	0
0.007496	0	0	0	0	0	0
0.04157	0	0	0	0	0	0
0.50219	0	0	0	0	0	0
0.09468	0	0	0	0	0	0
0.066781	0	0	0	0	0	0
0.056729	0	0	0	0	0	0
0.04889	0	0	0	0	0	0
0.015059	0	0	0	0	0	0
0.020441	0	0	0	0	0	0
0.038176	0	0	0	0	0	0
0.07918	0	0	0	0	0	0
0.012047	0	0	0	0	0	0
0.012942	0	0	0	0	0	0
0.006455	0	0	0	0	0	0
0.002844	0	0	0	0	0	0
0.003353	0	0	0	0	0	0
0.006536	0	0	0	0	0	0
0.010714	0	0	0	0	0	0
0.00458	0	0	0	0	0	0
0.04436	0	0	0	0	0	0
0.066134	0	0	0	0	0	0
0.046242	0	0	0	0	0	0
0.124338	0	2	0	0	0	2
0.235485	0.05	0	0	0	0	0
0.066071	0	0	0	0	0	0
0.042419	0	0	0	0	0	0
0.056296	0	0	1	0	0	1
0.23155	0	0	0	4	0	4
0.053751	0	0	0	0	0	0



0.032417	0	0	0	0	0	0
0.048265	0	0	0	0	0	0
0.063173	0	0	0	0	0	0
0.050173	0	0	0	0	0	0
0.061705	0	0	0	2	0	2
0.020024	0	0	0	0	0	0
0.053855	0	0	0	7	11	18
0.058522	0	11	0	0	0	11
0.151683	0	0	0	0	0	0
0.478472	0	0	0	0	0	0
0.048724	0	0	0	0	0	0
0.215097	0	0	0	0	0	0
0.024267	0	0	0	0	0	0
0.086946	0	0	0	0	0	0
0.02023	0	0	0	0	0	0
0.013103	0	0	0	0	0	0
0.028033	0	0	0	0	0	0
0.129179	0	0	0	0	0	0
0.016411	0	0	0	0	0	0
0.00533	0	0	0	0	0	0
0.010378	0	0	0	0	0	0
0.012017	0	0	0	0	9	9
0.011365	0	9	0	0	0	9
0.013484	0	0	0	0	0	0
0.059974	0	0	0	0	0	0
0.048751	0	0	0	0	0	0
0.040787	0	0	0	0	0	0
0.042467	0	0	0	0	0	0
0.069239	0	0	0	0	0	0
0.044989	0	0	0	0	0	0
0.03713	0	0	0	0	0	0
0.085441	0	0	0	0	0	0
0.157556	0	0	0	0	0	0
0.226757	0	0	0	0	0	0
0.204372	0	0	0	0	0	0
0.0886	0	0	0	0	0	0
0.048524	0	0	0	0	0	0
0.0062	0	0	0	0	0	0
0.006338	0	0	0	0	0	0
0.005393	0	0	0	0	0	0
0.004697	0	0	0	0	0	0
0.005006	0	0	0	0	0	0
0.006614	0	0	0	0	0	0
0.041411	0	0	0	0	0	0
0.033962	0	0	0	0	0	0
0.055291	0	0	0	0	0	0
0.035756	0	0	0	0	0	0
0.027515	0	0	0	0	0	0
0.033024	0	0	0	0	0	0
0.025736	0	0	0	0	0	0

0.039958	0	0	0	0	0	0
0.057354	0	0	0	0	0	0
0.017629	0	0	0	0	0	0
0.001404	0	0	0	0	0	0
0.001851	0	0	0	0	0	0
0.063358	0	0	0	0	0	0
0.049315	0	0	0	0	0	0
0.05242	0	0	0	0	0	0
0.126956	0	0	0	0	0	0
0.082076	0	0	0	0	0	0
0.049225	0.02	0	0	0	0	0
0.051522	0	0	0	0	0	0
0.064707	0	0	0	0	0	0
0.043753	0	0	0	0	3	3
0.047149	0	3	0	0	0	3
0.25499	0	0	0	0	0	0
0.039355	0	0	0	0	0	0
0.046898	0	0	0	0	0	0
0.05728	0	0	0	0	0	0
0.052892	0	0	0	0	0	0
0.049179	0	0	0	0	0	0
0.046014	0	0	0	0	0	0
0.051603	0	0	0	0	0	0
0.045239	0	0	0	0	0	0
0.037104	0	0	0	0	0	0
0.037629	0	0	0	0	0	0
0.044382	0	0	0	0	0	0
0.121207	0	0	0	0	0	0
0.072539	0	0	0	0	0	0
0.076753	0	0	0	0	0	0
0.10178	0	0	0	0	0	0
0.084113	0	0	0	0	0	0
0.047877	0	0	0	0	0	0
0.053927	0	0	0	0	0	0
0.071842	0	0	0	0	0	0
0.055602	0	0	0	0	0	0
0.099415	0	0	0	0	0	0
0.014315	0	0	0	0	0	0
0.023037	0	0	0	0	0	0
0.032967	0	0	0	0	0	0
0.02465	0	0	0	0	0	0
0.033238	0	0	0	0	0	0
0.068829	0	0	0	0	0	0
0.114175	0	0	0	0	0	0
0.033452	0	0	0	0	0	0
0.071604	0	0	0	0	0	0
0.076942	0	0	0	0	0	0
0.062736	0	0	0	0	0	0
0.025693	0	0	0	0	0	0
0.043505	0	0	0	0	0	0

0.054292	0	0	0	0	0	0
0.04915	0	0	0	0	0	0
0.069248	0	0	0	0	0	0
0.019821	0	0	0	0	0	0
0.014234	0	0	0	0	0	0
0.014826	0	0	0	0	0	0
0.023171	0	0	0	0	0	0
0.057352	0	0	0	0	0	0
0.074517	0	0	0	0	0	0
0.032085	0	0	0	0	0	0
0.123886	0	0	0	0	0	0
0.026914	0	0	0	0	0	0
0.028867	0	0	0	0	0	0
0.014258	0	0	0	0	0	0
0.018261	0	0	0	0	0	0
0.014792	0	0	0	0	0	0
0.015633	0	0	0	0	0	0
0.022296	0	0	0	0	0	0
0.021624	0	0	0	0	0	0
0.015238	0	0	0	0	0	0
0.024614	0	0	0	0	0	0
0.014471	0	0	0	0	0	0
0.058794	0	0	0	0	0	0
0.131598	0	0	0	0	0	0
0.012699	0	0	0	0	0	0
0.042302	0	0	0	0	0	0
0.025774	0	0	0	0	0	0
0.0763	0	0	2	0	0	2
0.036931	0	0	0	0	0	0
0.026798	0	0	0	0	0	0
0.013601	0	0	0	0	0	0
0.028825	0	0	0	0	0	0
0.029602	0	0	0	0	0	0
0.037281	0	0	0	0	0	0
0.024208	0	0	0	0	0	0
0.03271	0	0	0	0	0	0
0.025279	0	0	0	0	0	0
0.015476	0	0	0	0	0	0
0.030615	0	0	0	0	0	0
0.057634	0	0	0	0	0	0
0.027537	0	0	0	0	0	0
0.031085	0	0	1	0	0	1
0.045961	0	0	0	0	0	0
0.02854	0	0	0	0	0	0
0.034505	0	0	0	0	10	10
0.018329	0	10	0	0	1	11
0.01648	0	1	0	0	0	1
0.020763	0	0	0	0	0	0
0.04235	0	0	0	0	0	0
0.019453	0	0	0	0	0	0

0.032547	0	0	1	0	0	1
0.031404	0	0	0	0	0	0
0.046232	0	0	0	7	0	7
0.037874	0	0	0	0	0	0
0.019093	0	0	0	0	1	1
0.027006	0	1	0	0	0	1
0.018277	0	0	0	0	0	0
0.049419	0	0	0	0	0	0
0.020565	0	0	0	0	0	0
0.023861	0	0	0	0	0	0
0.024969	0	0	0	0	0	0
0.036277	0	0	0	0	0	0
0.095163	0	0	0	0	0	0
0.035756	0	0	0	0	0	0
0.019862	0	0	0	0	0	0
0.048548	0	0	0	0	0	0
0.041855	0	0	0	0	0	0
0.014898	0	0	0	0	0	0
0.014655	0	0	0	0	0	0
0.019725	0	0	0	0	0	0
0.017888	0	0	0	0	0	0
0.007431	0	0	0	0	0	0
0.02532	0	0	0	0	0	0
0.35869	0.03	0	0	0	0	0
0.164849	0	0	0	0	0	0
0.161299	0	0	3	0	0	3
0.020953	0	0	0	0	0	0
0.041986	0	0	0	0	0	0
0.022564	0	0	0	0	0	0
0.045842	0	0	0	0	0	0
0.027652	0	0	0	0	0	0
0.023289	0	0	0	0	0	0
0.025787	0	0	0	0	0	0
0.018575	0	0	0	0	0	0
0.050784	0	0	0	0	0	0
0.089207	0	0	0	0	0	0
0.058803	0	0	0	0	0	0
0.05832	0	0	0	0	0	0
0.042723	0	0	0	0	0	0
0.103932	0	0	0	0	0	0
0.055991	0	0	0	0	0	0
0.056745	0	0	0	0	0	0
0.066251	0	0	0	0	0	0
0.014788	0	0	0	0	0	0
0.013262	0	0	0	0	0	0
0.017246	0	0	0	0	0	0
0.015513	0	0	0	0	0	0
0.024591	0	0	0	0	0	0
0.011344	0	0	0	0	0	0
0.003821	0	0	0	0	0	0

0.003095	0	0	0	0	0	0
0.003234	0	0	0	0	0	0
0.006233	0	0	0	0	0	0
0.010467	0	0	0	0	0	0
0.009823	0	0	0	0	0	0
0.016017	0	0	0	0	0	0
0.01389	0	0	0	0	0	0
0.003377	0	0	0	0	0	0
0.019828	0	0	0	0	0	0
0.005412	0	0	0	0	0	0
0.005557	0	0	0	0	0	0
0.049762	0	0	0	0	0	0
0.045013	0	0	0	0	0	0
0.030658	0	0	0	0	0	0
0.037582	0	0	0	0	0	0
0.306134	0	0	0	0	0	0
0.053749	0	0	0	0	0	0
0.021652	0	0	0	0	0	0
0.032697	0	0	0	0	0	0
0.029083	0	0	0	0	0	0
0.037189	0	0	0	0	0	0
0.039473	0	0	0	0	0	0
0.110646	0	0	0	0	0	0
0.03699	0	0	0	0	0	0
0.064049	0	0	0	0	0	0
0.014475	0	0	0	0	0	0
0.002234	0	0	0	0	0	0
0.001013	0	0	0	0	0	0
0.020687	0.01	0	0	0	0	0
0.002439	0	0	0	0	15	15
0.013885	0	15	0	0	0	15
0.335876	0	0	0	0	0	0
0.041346	0	0	0	0	0	0
0.024073	0	0	0	0	0	0
0.018507	0	0	0	0	0	0
0.021582	0	0	0	0	0	0
0.026511	0	0	0	0	0	0
0.016226	0	0	0	0	0	0
0.010384	0	0	0	0	0	0
0.02434	0	0	0	0	0	0
0.036861	0	0	0	0	0	0
0.01253	0	0	0	0	0	0
0.102223	0	0	0	0	0	0
0.02074	0	0	0	0	0	0
0.025385	0	0	0	0	0	0
0.027152	0	0	0	0	0	0
0.039578	0	0	0	0	0	0
0.053121	0	0	0	0	0	0
0.048103	0	0	0	0	0	0
0.042851	0	0	0	0	0	0

0.027925	0	0	0	0	0	0
0.069892	0	0	0	0	0	0
0.021744	0	0	0	0	0	0
0.017415	0	0	0	0	0	0
0.034535	0	0	0	0	0	0
0.039933	0	0	0	0	0	0
0.106035	0	0	0	0	0	0
0.025453	0	0	0	0	0	0
0.024504	0	0	0	0	0	0
0.006873	0	0	5	5	0	10
0.004011	0	0	0	0	0	0
0.011351	0	0	0	0	0	0
0.013495	0	0	0	0	0	0
0.00459	0	0	0	0	0	0
0.009098	0	0	0	0	0	0
0.026466	0	0	0	0	0	0
0.021348	0	0	0	0	0	0
0.026949	0	0	0	0	0	0
0.004526	0	0	0	0	0	0
0.007273	0	0	0	0	0	0
0.019685	0	0	0	0	0	0
0.023453	0	0	0	0	0	0
0.014419	0	0	0	0	0	0
0.031792	0	0	0	0	0	0
0.016626	0	0	0	0	0	0
0.049926	0	0	0	0	0	0
0.035864	0	0	0	0	0	0
0.046378	0	0	0	0	0	0
0.050027	0	0	0	0	0	0
0.076421	0	0	0	0	0	0
0.165271	0	0	0	0	0	0
0.056036	0	0	0	0	0	0
0.069354	0	0	0	0	0	0
0.11486	0	0	0	0	0	0
0.055967	0	0	0	0	0	0
0.055148	0	0	0	0	0	0
0.047158	0	0	0	0	0	0
0.060158	0	0	0	0	0	0
0.049562	0	0	0	0	0	0
0.060108	0	0	0	0	0	0
0.061272	0	0	0	0	0	0
0.056325	0	0	0	0	0	0
0.028463	0	0	0	0	0	0
0.021954	0	0	0	0	0	0
0.018681	0	0	0	0	0	0
0.056602	0	0	0	0	0	0
0.043427	0	0	0	0	0	0
0.049076	0	0	0	0	0	0
0.053559	0	0	0	0	0	0
0.048642	0	0	0	0	0	0

0.061545	0	0	0	0	0	0
0.051968	0	0	0	0	0	0
0.037833	0	0	0	0	0	0
0.066517	0	0	0	0	0	0
0.44395	0	0	0	0	0	0
0.022097	0.06	0	0	0	0	0
0.059169	0	0	0	0	0	0
0.048559	0	0	0	0	0	0
0.075285	0	0	0	0	0	0
0.063796	0	0	0	0	0	0
0.096575	0	0	0	0	0	0
0.073914	0	0	0	0	0	0
0.053589	0	0	0	0	0	0
0.043264	0	0	0	0	0	0
0.057577	0	0	0	0	0	0
0.146726	0	0	0	0	0	0
0.034557	0	0	0	0	0	0
0.112842	0	0	0	0	0	0
0.058374	0	0	0	0	0	0
0.037143	0	0	0	0	0	0
0.054924	0	0	0	0	0	0
0.142904	0	0	0	0	0	0
0.017767	0	0	0	0	0	0
0.023853	0	0	0	0	0	0
0.018868	0	0	0	0	0	0
0.042843	0.05	0	0	0	0	0
0.018305	0	0	0	0	0	0
0.029276	0	0	0	0	7	7
0.022857	0	0	0	0	0	0
0.045219	0	0	0	0	0	0
0.016374	0	0	0	0	0	0
0.016675	0	0	0	0	0	0
0.013557	0	0	0	0	0	0
0.013404	0	0	0	0	0	0
0.01583	0	0	0	0	0	0
0.021882	0	0	0	0	0	0
0.010209	0	0	0	0	0	0
0.004775	0	0	0	0	0	0
0.074724	0	0	0	0	0	0
0.012107	0	0	0	0	0	0
0.008011	0	0	0	0	0	0
0.0777	0	0	0	0	0	0
0.060708	0	0	0	0	0	0
0.037458	0	0	0	0	0	0
0.048211	0	0	0	0	0	0
0.034267	0	0	0	0	0	0
0.033262	0	0	0	0	0	0
0.171367	0	0	0	0	0	0
0.047616	0	0	0	0	0	0
0.242318	0	0	0	0	0	0

0.034906	0	0	0	0	0	0
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0.018882	0	0	0	0	0	0
0.019291	0	0	0	0	0	0
0.014796	0	0	0	0	0	0
0.012069	0	0	0	0	0	0
0.011703	0	0	0	0	0	0
0.010124	0	0	0	0	0	0
0.02869	0	0	0	0	0	0
0.042416	0	0	0	0	0	0
0.03642	0	0	0	0	0	0
0.055228	0	0	0	0	0	0
0.03755	0	0	0	0	0	0
0.074754	0	0	0	0	0	0
0.034169	0	0	0	0	0	0
0.036308	0	0	0	0	0	0
0.028422	0	0	0	0	0	0
0.080017	0	0	0	0	0	0
0.020987	0	0	0	0	0	0
0.034419	0	0	0	0	0	0
0.0307	0	0	0	0	0	0
0.0247	0	0	0	0	0	0
0.017237	0	0	0	0	0	0
0.024244	0	0	0	0	0	0
0.021433	0	0	0	0	0	0
0.015836	0	0	0	0	0	0
0.139388	0	0	0	0	0	0
0.041423	0	0	0	0	0	0
0.034069	0	0	0	0	0	0
0.07504	0	0	0	0	0	0
0.003743	0	0	0	0	0	0
0.003784	0	0	0	0	0	0
0.004167	0	0	0	0	0	0
0.0072	0	0	0	0	0	0
0.012432	0	0	0	0	0	0
0.029583	0.03	0	0	0	0	0
0.048265	0	0	0	0	0	0
0.040012	0.02	0	0	0	0	0
0.122391	0	0	0	0	0	0
0.149401	0	0	0	0	0	0
0.107531	0	0	0	0	0	0
0.073958	0	0	0	0	0	0
0.043703	0	0	0	0	0	0
0.19744	0	0	0	0	0	0
0.014368	0	0	0	0	0	0
0.011017	0	0	0	0	0	0
0.008925	0	0	0	0	0	0
0.061353	0	0	0	0	0	0
0.025616	0	0	0	0	0	0
0.056975	0	0	0	0	0	0



0.000258	0	0	0	0	0	0
0.001646	0	0	0	0	0	0
0.012395	0	0	0	0	0	0
0.003824	0	0	0	0	0	0
0.033582	0	0	0	0	0	0
0.001758	0	0	0	0	0	0
0.002652	0	0	0	0	0	0
0.00827	0	0	0	0	0	0
0.011381	0	0	0	0	0	0
0.005798	0	0	0	0	0	0
0.018854	0	0	0	0	0	0
0.028032	0	0	0	0	0	0
0.257829	0.1	0	0	0	0	0
0.009291	0	0	0	0	0	0
0.032505	0	0	0	0	0	0
0.008649	0	0	0	0	0	0
0.001401	0	0	0	0	0	0
0.010193	0	0	0	0	0	0
0.006214	0	0	0	0	0	0
0.002329	0	0	0	0	0	0
0.011817	0	0	0	0	0	0
0.181524	0	0	0	0	0	0
0.117382	0	0	0	0	0	0
0.134044	0	0	0	0	0	0
0.010087	0	0	0	0	0	0
0.018394	0	0	0	0	0	0
0.037959	0	0	0	0	0	0
0.146295	0	0	0	0	0	0
0.343333	0	0	0	0	0	0
0.112665	0	0	0	0	2	2
0.091837	0	0	0	0	0	0
0.097944	0	0	0	0	0	0
0.533921	0	0	0	0	0	0
0.785196	0	0	0	0	0	0
0.863296	0	0	0	0	0	0
0.775962	0	0	0	0	0	0
0.740433	0	0	0	0	0	0
0.079981	0	0	0	0	0	0
0.068838	0	0	0	0	0	0
0.042699	0	0	0	0	0	0
0.038361	0	0	0	0	0	0
0.048459	0	0	0	0	0	0
0.038974	0	0	0	0	0	0
0.062585	0	0	0	0	0	0
0.057959	0	0	0	0	0	0
0.033335	0	0	0	0	0	0
0.051076	0	0	0	0	0	0
0.099769	0	0	0	0	0	0
0.042087	0	0	0	0	0	0
0.021969	0	0	0	0	0	0

0.194101	0	0	0	0	0	0
0.125779	0	0	0	0	0	0
0.310571	0	0	0	0	0	0
0.078656	0	0	0	0	0	0
0.091494	0	0	0	0	0	0
0.340223	0	0	0	0	0	0
0.052299	0	0	0	0	0	0
0.248744	0	0	0	0	0	0
0.156342	0	0	0	0	0	0
0.139184	0	0	0	0	0	0
0.1956	0	0	0	0	0	0
0.139343	0	0	0	0	0	0
0.960029	0	0	0	0	0	0
0.929401	0	0	0	0	0	0
0.132548	0	0	0	0	0	0
0.046385	0	0	0	0	0	0
0.021092	0	0	0	0	0	0
0.033949	0	0	0	0	0	0
0.017266	0	0	0	0	0	0
0.03195	0	0	0	0	0	0
0.034738	0	0	0	0	0	0
0.021433	0	0	0	0	0	0
0.027457	0	0	0	0	0	0
0.012315	0	0	0	0	0	0
0.018664	0	0	0	0	0	0
0.013996	0	0	0	0	0	0
0.033766	0	0	0	0	0	0
0.07824	0	0	0	0	0	0
0.064512	0	0	0	0	0	0
0.051053	0	0	0	0	0	0
0.092685	0	0	0	0	0	0
0.179052	0	0	0	0	0	0
0.119132	0	0	0	0	0	0
0.044928	0.06	0	0	0	0	0
0.045023	0	0	0	0	0	0
0.006463	0	0	0	0	0	0
0.013504	0	0	0	0	0	0
0.010378	0	0	0	0	0	0
0.014804	0	0	0	0	0	0
0.010574	0	0	0	0	0	0
0.014289	0	0	0	0	0	0
0.010694	0	0	0	0	0	0
0.009144	0	0	0	1	0	1
0.033366	0	0	0	4	0	4
0.035847	0	0	0	0	0	0
0.051157	0	0	0	0	0	0
0.030082	0	0	0	0	0	0
0.475331	0	0	0	0	0	0
0.050511	0	0	0	0	0	0
0.06966	0	0	0	0	0	0

0.062214	0	0	0	0	0	0
0.052379	0	0	0	0	0	0
0.090742	0	0	0	0	0	0
0.052717	0	0	0	0	0	0
0.0718	0	0	0	0	0	0
0.062819	0	0	0	0	0	0
0.065907	0	0	0	0	0	0
0.077577	0	0	0	0	0	0
0.052392	0	0	0	0	0	0
0.034195	0	0	0	0	0	0
0.030737	0	0	0	0	0	0
0.054965	0	0	0	0	0	0
0.046501	0	0	0	0	0	0
0.056672	0	0	0	0	0	0
0.038645	0	0	0	0	0	0
0.030878	0	0	0	0	0	0
0.032257	0	0	0	0	0	0
0.077528	0	0	0	0	0	0
0.030073	0	0	0	0	0	0
0.014783	0	0	0	0	0	0
0.028447	0	0	0	0	0	0
0.022259	0	0	0	0	0	0
0.06163	0	0	0	0	0	0
0.028002	0	0	0	0	0	0
0.013409	0	0	0	0	0	0
0.028613	0	0	0	0	0	0
0.019892	0	0	0	0	0	0
0.013859	0	0	0	0	0	0
0.017517	0	0	0	0	0	0
0.023134	0	0	0	0	0	0
0.016854	0	0	0	0	0	0
0.019513	0	0	0	0	0	0
0.017379	0	0	0	0	0	0
0.015544	0	0	0	0	0	0
0.024182	0	0	0	0	0	0
0.016618	0	0	0	0	0	0
0.026465	0	0	0	0	0	0
0.037912	0	0	0	0	0	0
0.025495	0	0	0	0	0	0
0.022474	0	0	0	0	0	0
0.021191	0	0	0	0	0	0
0.014967	0	0	0	0	0	0
0.019103	0	0	0	0	0	0
0.007591	0	0	0	0	0	0
0.003209	0	0	0	0	0	0
0.002814	0	0	0	0	0	0
0.004465	0	0	0	0	0	0
0.002325	0	0	0	0	0	0
0.005125	0	0	0	0	0	0
0.006671	0	0	0	0	0	0

0.081069	0	0	0	0	0	0
0.11304	0	0	0	0	0	0
0.033677	0	0	0	0	0	0
0.008172	0	0	0	0	0	0
0.041314	0	0	0	0	0	0
0.006306	0	0	0	0	0	0
0.008253	0	0	0	0	0	0
0.013559	0	0	0	0	0	0
0.026366	0	0	0	0	0	0
0.037957	0	0	0	0	0	0
0.069848	0.06	0	0	0	0	0
0.009918	0	0	0	0	0	0
0.015177	0	0	0	0	0	0
0.005912	0	0	0	0	0	0
0.003101	0	0	0	0	0	0
0.006506	0	0	0	0	0	0
0.010518	0	0	0	0	0	0
0.005556	0	0	0	0	0	0
0.004437	0	0	0	0	0	0
0.017146	0	0	0	0	0	0
0.007548	0	0	0	0	0	0
0.007005	0	0	0	0	0	0
0.005124	0	0	0	0	0	0
0.004341	0	0	0	0	1	1
0.007134	0	1	0	0	0	1
0.006183	0	0	0	0	0	0
0.005317	0	0	0	0	0	0
0.04927	0	0	0	0	0	0
0.071163	0	0	0	0	0	0
0.014603	0	0	0	0	0	0
0.048771	0	0	0	0	0	0
0.04583	0	0	0	0	0	0
0.038647	0	0	0	0	0	0
0.03055	0	0	0	0	0	0
0.048215	0	0	0	0	0	0
0.045707	0	0	0	0	0	0
0.072924	0	0	0	0	0	0
0.062666	0	0	0	0	0	0
0.057711	0	0	0	0	0	0
0.06541	0	0	0	0	0	0
0.067309	0	0	0	0	0	0
0.045862	0	0	0	0	0	0
0.034454	0	0	0	0	0	0
0.052793	0	0	0	0	0	0
0.063167	0	0	0	0	0	0
0.068778	0	0	0	0	0	0
0.031485	0	0	0	0	0	0
0.031945	0	0	0	0	0	0
0.056965	0	0	0	0	0	0
0.023503	0	0	0	0	0	0

0.045742	0	0	0	0	0	0
0.050483	0	0	0	0	0	0
0.081447	0	0	1	9	18	28
0.056379	0.04	18	0	0	4	22
0.019124	0	4	0	0	0	4
0.008957	0	0	0	0	5	5
0.033397	0	5	0	0	1	6
0.009701	0	1	0	0	0	1
0.016422	0	0	0	0	0	0
0.004502	0	0	0	0	0	0
0.012824	0	0	0	0	0	0
0.031272	0	0	0	0	0	0
0.062154	0	0	0	0	0	0
0.049245	0	0	0	0	0	0
0.063987	0	0	0	0	0	0
0.080479	0	0	0	0	0	0
0.190964	0.03	0	0	0	0	0
0.05508	0	0	0	0	0	0
0.257399	0	0	0	0	0	0
0.035462	0	0	0	0	0	0
0.023017	0	0	0	0	0	0
0.071263	0	0	0	0	0	0
0.016418	0	0	0	0	0	0
0.014731	0	0	0	0	0	0
0.004903	0	0	0	0	0	0
0.009015	0	0	0	0	0	0
0.009752	0	0	0	0	0	0
0.063522	0	0	0	0	0	0
0.070727	0	0	0	0	0	0
0.027698	0	0	0	0	0	0
0.009153	0	0	0	0	0	0
0.006176	0	0	0	0	0	0
0.005215	0	0	0	0	0	0
0.100431	0	0	0	0	0	0
0.012346	0	0	0	0	0	0
0.477451	0.06	0	0	0	0	0
0.009474	0	0	0	0	0	0
0.015074	0	0	0	0	0	0
0.033459	0	0	0	0	0	0
0.03364	0	0	0	0	0	0
0.034276	0	0	0	0	0	0
0.03175	0	0	0	0	0	0
0.031251	0	0	0	0	0	0
0.040319	0	0	0	0	0	0
0.038165	0	0	0	0	0	0
0.027	0	0	0	0	0	0
0.017246	0	0	0	0	0	0
0.025146	0	0	0	0	0	0
0.018468	0	0	0	0	0	0
0.016226	0	0	0	0	0	0

0.024235	0	0	0	0	0	0
0.029624	0	0	0	0	0	0
0.009394	0	0	0	0	0	0
0.089476	0	0	0	0	0	0
0.062942	0	0	0	0	0	0
0.057904	0	0	0	0	0	0
0.036588	0	0	0	0	0	0
0.033159	0	0	0	0	0	0
0.057352	0	0	0	0	0	0
0.031071	0	0	0	0	0	0
0.052267	0	0	0	0	0	0
0.078551	0	0	0	0	0	0
0.055328	0	0	0	0	0	0
0.051153	0	0	0	0	0	0
0.043912	0	0	0	0	0	0
0.058012	0	0	0	0	0	0
0.034396	0	0	0	0	0	0
0.031087	0	0	0	0	0	0
0.027519	0	0	0	0	0	0
0.124326	0	0	0	0	0	0
0.015901	0	0	0	0	0	0
0.037413	0	0	0	0	0	0
0.030538	0	0	0	0	0	0
0.084732	0	0	0	0	0	0
0.041167	0	0	0	0	0	0
0.057686	0	0	0	0	0	0
0.05357	0	0	0	0	0	0
0.041601	0	0	0	0	0	0
0.062545	0	0	0	0	0	0
0.050238	0	0	0	0	0	0
0.076765	0	0	0	0	0	0
0.006678	0	0	0	0	0	0
0.007193	0	0	0	0	0	0
0.009581	0	0	0	0	0	0
0.006079	0	0	0	0	0	0
0.062171	0	0	0	0	2	2
0.005664	0	2	0	0	0	2
0.036559	0	0	0	0	0	0
0.082466	0	0	0	0	0	0
0.014312	0	0	0	0	0	0
0.015435	0	0	0	0	0	0
0.012485	0	0	0	0	0	0
0.028116	0	0	0	0	0	0
0.046229	0	0	0	0	0	0
0.036751	0	0	0	0	0	0
0.036137	0	0	0	0	0	0
0.036971	0	0	0	0	0	0
0.024786	0	0	0	0	0	0
0.021769	0	0	0	0	0	0
0.027457	0	0	0	0	0	0

0.03547	0	0	0	0	0	0
0.024458	0	0	0	0	0	0
0.024327	0	0	0	0	0	0
0.017352	0	0	0	0	0	0
0.059795	0	0	0	0	0	0
0.020219	0	0	0	0	0	0
0.066672	0	0	0	0	0	0
0.102524	0	0	0	0	0	0
0.026454	0	0	0	0	0	0
0.012392	0	0	0	0	0	0
0.006496	0	0	0	0	0	0
0.01091	0	0	0	0	0	0
0.011436	0	0	0	0	0	0
0.007598	0	0	0	0	0	0
0.009351	0	0	0	0	0	0
0.023949	0	0	0	0	0	0
0.029547	0	0	0	0	0	0
0.015754	0	0	0	0	0	0
0.059491	0	0	0	0	0	0
0.139551	0	0	0	0	0	0
0.051858	0	0	0	0	0	0
0.04367	0	0	0	0	0	0
0.062329	0	0	0	0	0	0
0.057103	0	0	0	0	0	0
0.051327	0	0	0	0	0	0
0.026065	0	0	0	0	0	0
0.054428	0	0	0	0	0	0
0.04051	0	0	0	0	0	0
0.05031	0	0	0	0	0	0
0.167993	0	0	0	0	0	0
0.044935	0	0	0	0	0	0
0.056546	0	0	0	0	0	0
0.037775	0	0	0	0	0	0
0.044292	0	0	0	0	0	0
0.053306	0	0	0	0	0	0
0.028779	0	0	0	0	0	0
0.047943	0	0	0	0	0	0
0.042257	0	0	0	0	0	0
0.038201	0	0	0	0	0	0
0.109179	0	0	0	0	0	0
0.051638	0	0	0	0	0	0
0.033278	0	0	0	0	0	0
0.040923	0	0	0	0	0	0
0.03298	0	0	0	0	0	0
0.042671	0	0	0	0	0	0
0.036895	0	0	0	0	0	0
0.042082	0	0	0	0	0	0
0.043087	0	0	0	0	0	0
0.026203	0	0	0	0	0	0
0.041793	0	0	0	0	0	0

0.062386	0	0	0	0	0	0
0.032318	0	0	0	0	0	0
0.034919	0	0	0	0	0	0
0.036218	0	0	0	0	0	0
0.043089	0	0	0	0	0	0
0.033564	0	0	0	0	0	0
0.03307	0	0	0	0	0	0
0.026498	0	0	0	0	0	0
0.025072	0	0	0	0	0	0
0.035846	0	0	0	0	0	0
0.026398	0	0	0	0	0	0
0.063988	0	0	0	0	0	0
0.021082	0	0	0	0	0	0
0.025453	0	0	0	0	0	0
0.02876	0	0	0	0	0	0
0.040666	0	0	0	0	0	0
0.039759	0	0	0	0	0	0
0.017534	0	0	0	0	0	0
0.019718	0	0	0	0	0	0
0.015412	0	0	0	0	0	0
0.017052	0	0	0	0	0	0
0.015415	0	0	0	0	0	0
0.048984	0	0	0	0	0	0
0.017996	0	0	0	0	0	0
0.030315	0	0	0	0	0	0
0.017155	0	0	0	0	0	0
0.01898	0	0	0	0	0	0
0.014401	0	0	0	0	0	0
0.01426	0	0	0	0	0	0
0.022357	0	0	0	0	0	0
0.015208	0	0	0	0	0	0
0.010061	0	0	0	0	0	0
0.012334	0	0	0	0	0	0
0.26366	0	0	0	0	0	0
0.010464	0	0	0	0	0	0
0.011096	0	0	0	0	0	0
0.006098	0	0	0	0	0	0
0.017659	0	0	0	0	0	0
0.02847	0	0	0	0	0	0
0.01199	0	0	0	0	0	0
0.054988	0	0	0	0	0	0
0.063143	0	0	0	0	0	0
0.06006	0	0	0	0	0	0
0.009098	0	0	0	0	0	0
0.014571	0	0	0	0	0	0
0.016442	0	0	0	0	0	0
0.018198	0	0	0	0	0	0
0.012319	0	0	0	0	0	0
0.007804	0	0	0	0	0	0
0.105913	0	0	0	0	0	0



0.014078	0	0	0	0	0	0
0.218287	0	0	0	0	4	4
0.051401	0	4	0	0	0	4
0.082565	0	0	0	0	0	0
0.077157	0	0	0	0	0	0
0.068849	0	0	0	0	0	0
0.03636	0	0	0	0	0	0
0.026959	0	0	0	0	0	0
0.043615	0	0	0	0	0	0
0.031962	0	0	0	0	0	0
0.016336	0	0	0	0	0	0
0.013437	0	0	0	0	0	0
0.037016	0	0	0	0	0	0
0.019461	0	0	0	0	0	0
0.009275	0	0	0	0	0	0
0.031238	0	0	0	0	0	0
0.030706	0	0	0	0	0	0
0.159615	0	0	0	0	0	0
0.185216	0.05	0	0	0	0	0
0.011124	0	0	0	0	0	0
0.012648	0	0	0	0	0	0
0.250477	0	0	0	0	0	0
0.081932	0	0	0	0	0	0
0.067033	0	0	0	0	0	0
0.284229	0	0	0	0	0	0
0.209636	0	0	0	0	0	0
0.096397	0	0	0	0	0	0
0.084845	0	0	0	0	0	0
0.024808	0	0	0	0	0	0
0.016112	0	0	0	0	0	0
0.017481	0	0	0	0	0	0
0.014863	0	0	0	0	0	0
0.013334	0	0	0	0	0	0
0.015534	0	0	0	0	0	0
0.020113	0	0	0	0	0	0
0.01356	0	0	0	0	0	0
0.049419	0	0	0	0	0	0
0.071233	0	0	0	0	0	0
0.028174	0	0	0	0	0	0
0.015566	0	0	0	0	0	0
0.029306	0	0	0	0	0	0
0.048662	0	0	0	0	0	0
0.041363	0	0	0	0	0	0
0.137222	0	0	0	0	0	0
0.066058	0	0	0	0	0	0
0.054512	0	0	0	0	0	0
0.047716	0	0	0	0	0	0
0.097446	0	0	0	0	0	0
0.084799	0	0	0	0	0	0
0.127716	0	0	0	0	0	0

0.018566	0	0	0	0	0	0
0.083401	0	0	0	0	0	0
0.011712	0	0	0	0	0	0
0.616223	0.21	0	0	0	0	0
0.038643	0	0	0	0	0	0
0.023194	0	0	0	0	0	0
0.024844	0	0	0	0	0	0
0.019315	0	0	0	0	0	0
0.022047	0	0	0	0	0	0
0.016282	0	0	0	0	0	0
0.016895	0	0	0	0	0	0
0.014151	0	0	0	0	0	0
0.010995	0	0	0	0	0	0
0.240365	0	0	0	0	0	0
0.043585	0.01	0	0	0	0	0
0.045722	0	0	0	0	0	0
0.00426	0	0	0	0	0	0
0.057491	0	0	0	0	0	0
0.07632	0	0	0	0	0	0
0.029891	0	0	0	0	0	0
0.044758	0	0	0	0	0	0
0.025586	0	0	0	0	0	0
0.034912	0	0	0	0	0	0
0.125287	0	0	0	0	0	0
0.013854	0	0	0	0	0	0
0.286719	0.15	0	0	0	0	0
0.024129	0	0	0	0	0	0
0.012055	0	0	0	0	0	0
0.015183	0	0	0	0	0	0
0.01785	0	0	0	0	0	0
0.036273	0	0	0	0	0	0
0.113852	0	0	0	0	0	0
0.146653	0.02	0	0	0	0	0
0.302271	0	0	0	0	0	0
0.226497	0	0	0	0	0	0
0.073902	0	0	0	0	0	0
0.076264	0	0	0	0	0	0
0.039998	0	0	0	0	0	0
0.094275	0	0	0	0	0	0
0.012013	0	0	0	0	0	0
0.11002	0.01	0	0	0	0	0
0.153842	0	0	0	0	0	0
0.095578	0	0	0	0	0	0
0.136777	0	0	0	0	0	0
0.053912	0	0	0	0	0	0
0.053178	0	0	0	0	0	0
0.065333	0	0	0	0	0	0
0.050065	0	0	0	0	0	0
0.037696	0	0	0	0	0	0
0.01983	0	0	0	0	0	0

0.015444	0	0	0	0	0	0
0.02354	0	0	0	0	0	0
0.016128	0	0	0	0	0	0
0.019641	0	0	0	0	0	0
0.013117	0	0	0	0	0	0
0.017209	0	0	0	0	0	0
0.006117	0	0	0	0	0	0
0.019682	0	0	0	0	0	0
0.014302	0	0	0	0	0	0
0.016496	0	0	0	0	0	0
0.015834	0	0	0	0	0	0
0.015588	0	0	0	0	0	0
0.017573	0	0	0	0	0	0
0.037701	0	0	0	0	0	0
0.018954	0	0	0	0	0	0
0.019163	0	0	0	0	0	0
0.028136	0	0	0	0	0	0
0.020743	0	0	0	0	0	0
0.013612	0	0	0	0	0	0
0.017288	0	0	0	0	0	0
0.053663	0	0	0	0	0	0
0.05316	0	0	0	0	0	0
0.042552	0	0	0	0	0	0
0.017935	0	0	0	0	0	0
0.009169	0	0	0	0	0	0
0.007798	0	0	0	0	0	0
0.009191	0	0	0	0	0	0
0.031432	0	0	0	0	0	0
0.075607	0	0	0	0	0	0
0.016157	0	0	0	0	0	0
0.041709	0	0	0	0	2	2
0.07632	0	0	0	0	0	0
0.052625	0	2	0	0	0	2
0.01502	0	0	0	0	0	0
0.017305	0	0	0	0	0	0
0.021328	0	0	0	0	0	0
0.020057	0	0	0	0	0	0
0.012592	0	0	0	0	0	0
0.018971	0	0	0	0	0	0
0.028302	0	0	0	0	0	0
0.049008	0	0	0	0	0	0
0.016989	0	0	0	0	0	0
0.007405	0	0	0	0	0	0
0.065752	0	0	0	0	0	0
0.052478	0	0	0	0	0	0
0.051962	0	0	0	0	0	0
0.03357	0	0	0	0	0	0
0.037634	0	0	0	0	0	0
0.029666	0	0	0	0	0	0
0.016359	0	0	0	0	0	0

0.031152	0	0	0	0	0	0
0.070439	0	0	0	0	0	0
0.009576	0	0	0	0	0	0
0.015287	0	0	0	0	0	0
0.443547	0.03	0	0	0	0	0
0.032264	0	0	0	0	0	0
0.034548	0	0	0	0	0	0
0.042158	0	0	0	0	0	0
0.052502	0	0	0	0	0	0
0.053456	0	0	0	0	0	0
0.022477	0	0	0	0	0	0
0.020852	0	0	0	0	0	0
0.034176	0	0	0	0	0	0
0.130599	0	0	0	0	0	0
0.094773	0	0	0	0	0	0
0.020303	0	0	0	0	0	0
0.021352	0	0	0	0	0	0
0.023461	0	0	0	0	0	0
0.022668	0	0	0	0	0	0
0.016474	0	0	0	0	0	0
0.030472	0	0	0	0	0	0
0.007854	0	0	0	0	0	0
0.010256	0	0	0	0	0	0
0.015028	0	0	0	0	0	0
0.013024	0	0	0	0	0	0
0.005178	0	0	0	0	0	0
0.008684	0	0	0	0	0	0
0.018664	0	0	0	0	0	0
0.029395	0	0	0	0	0	0
0.03109	0	0	0	0	0	0
0.009136	0	0	0	0	0	0
0.037553	0	0	0	0	0	0
0.023232	0	0	0	0	0	0
0.049214	0	0	0	0	0	0
0.003925	0	0	0	0	0	0
0.035224	0	0	0	0	0	0
0.033199	0	0	0	0	0	0
0.021933	0	0	0	0	0	0
0.024637	0	0	0	0	0	0
0.013724	0	0	0	0	0	0
0.021895	0	0	0	0	0	0
0.013239	0	0	0	0	0	0
0.041022	0	0	0	0	0	0
0.075159	0	0	0	0	0	0
0.054298	0	0	0	0	0	0
0.007091	0	0	0	0	0	0
0.005746	0	0	0	0	0	0
0.005937	0	0	0	0	0	0
0.058944	0	0	0	0	0	0
0.021039	0	0	0	0	0	0

0.010784	0	0	0	0	0	0
0.018501	0	0	0	0	0	0
0.005802	0	0	0	0	0	0
0.022882	0	0	0	0	0	0
0.057514	0	0	0	0	0	0
0.013437	0	0	0	0	0	0
0.021415	0	0	0	0	0	0
0.019197	0	0	0	0	0	0
0.013907	0	0	0	0	0	0
0.012222	0	0	0	0	0	0
0.015115	0	0	0	0	0	0
0.064148	0	0	0	0	0	0
0.016525	0	0	0	0	0	0
0.015876	0	0	0	0	0	0
0.013357	0	0	0	0	0	0
0.012832	0	0	0	0	0	0
0.013146	0	0	0	0	0	0
0.022055	0	0	0	0	0	0
0.015743	0	0	0	0	0	0
0.0382	0	0	0	0	0	0
0.021357	0	0	0	0	0	0
0.040288	0	0	0	0	0	0
0.021748	0	0	0	0	0	0
0.041696	0	0	0	0	0	0
0.042578	0	0	0	0	0	0
0.021188	0	0	0	0	0	0
0.013308	0	0	0	0	0	0
0.068869	0	0	0	0	0	0
0.025497	0	0	0	0	0	0
0.029665	0	0	0	0	0	0
0.041018	0	0	0	0	0	0
0.036182	0	0	0	0	0	0
0.068494	0	0	0	0	0	0
0.050898	0	0	0	0	0	0
0.037457	0	0	0	0	0	0
0.030604	0	0	0	0	0	0
0.051759	0	0	0	0	0	0
0.078817	0	0	0	0	0	0
0.043353	0	0	0	0	0	0
0.078154	0	0	0	0	0	0
0.01904	0	0	0	0	0	0
0.089913	0.09	0	0	0	0	0
0.202497	0	0	0	0	0	0
0.003437	0	0	0	0	0	0
0.01526	0	0	0	0	0	0
0.004917	0	0	0	0	0	0
0.003888	0	0	0	0	0	0
0.07549	0	0	0	0	0	0
0.032091	0	0	0	0	0	0
0.028783	0	0	0	0	0	0

0.038765	0	0	0	0	0	0
0.042743	0	0	0	0	0	0
0.019565	0	0	0	0	0	0
0.012352	0	0	0	0	0	0
0.011922	0	0	0	0	0	0
0.039523	0	0	0	0	0	0
0.00466	0	0	0	0	0	0
0.013964	0	0	0	0	0	0
0.00444	0	0	0	0	0	0
0.00468	0	0	0	0	0	0
0.008606	0	0	0	0	0	0
0.048028	0.02	0	0	0	0	0
0.015969	0	0	0	0	0	0
0.016286	0	0	0	0	0	0
0.010432	0	0	0	0	0	0
0.009561	0	0	0	0	0	0
0.009972	0	0	0	0	0	0
0.148501	0	0	0	0	0	0
0.01475	0	0	0	0	0	0
0.005897	0	0	0	0	0	0
0.016804	0	0	0	0	0	0
0.004911	0	0	0	0	0	0
0.006073	0	0	0	0	0	0
0.012475	0	0	0	0	0	0
0.056885	0	0	0	0	0	0
0.014085	0	0	0	0	0	0
0.004493	0	0	0	0	0	0
0.007688	0	0	0	0	0	0
0.009934	0	0	0	0	0	0
0.011554	0	0	0	0	0	0
0.006065	0	0	0	0	0	0
0.00855	0	0	0	0	0	0
0.045823	0	0	0	0	0	0
0.023987	0	0	0	0	0	0
0.034485	0	0	0	0	0	0
0.128336	0	0	0	0	0	0
0.424065	0	0	0	0	0	0
0.441597	0	0	0	0	0	0
0.048075	0	0	0	0	0	0
0.210722	0	0	0	0	0	0
0.045676	0	0	0	0	0	0
0.068738	0	0	0	0	0	0
0.013081	0	0	0	0	0	0
0.007002	0	0	0	0	0	0
0.010167	0	0	0	0	0	0
0.021188	0	0	0	0	0	0
0.035419	0	0	0	0	0	0
0.025076	0	0	0	0	0	0
0.014859	0	0	0	0	0	0
0.125971	0.06	0	0	0	0	0

0.020021	0	0	0	0	0	0
0.041464	0	0	0	0	0	0
0.018886	0	0	0	0	0	0
0.014673	0	0	0	0	0	0
0.050726	0	0	0	0	0	0
0.003027	0	0	0	0	0	0
0.07456	0	0	0	0	0	0
0.066677	0	0	0	0	0	0
0.024637	0	0	0	0	0	0
0.024711	0	0	0	0	0	0
0.024181	0	0	0	0	0	0
0.059571	0	0	0	0	0	0
0.017184	0	0	0	0	0	0
0.015865	0	0	0	0	0	0
0.015679	0	0	0	0	0	0
0.031101	0	0	0	0	0	0
0.031245	0	0	0	0	0	0
0.025967	0	0	0	0	0	0
0.011772	0	0	0	0	0	0
0.005327	0	0	0	0	0	0
0.004332	0	0	0	0	0	0
0.004015	0	0	0	0	0	0
0.006547	0	0	0	0	0	0
0.00366	0	0	0	0	0	0
0.004021	0	0	0	0	0	0
0.005527	0	0	0	0	0	0
0.014571	0	0	0	0	0	0
0.017972	0	0	0	0	0	0
0.04541	0.01	0	0	0	0	0
0.055022	0	0	0	0	0	0
0.049758	0	0	0	0	0	0
0.220921	0	0	0	0	0	0
0.051756	0	0	0	0	0	0
0.03264	0	0	0	0	0	0
0.176143	0	0	0	0	0	0
0.025693	0	0	0	0	0	0
0.038832	0	0	0	0	0	0
0.016823	0	0	0	0	0	0
0.034911	0	0	0	0	0	0
0.042939	0	0	0	0	0	0
0.026635	0.06	0	0	0	0	0
0.001671	0	0	0	0	0	0
0.025897	0	0	0	0	0	0
0.002254	0	0	0	0	0	0
0.097863	0	0	0	0	0	0
0.176339	0	0	0	0	0	0
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0.033024	0	0	0	0	0	0
0.008522	0	0	0	0	0	0
0.199479	0	0	0	0	0	0

0.020366	0	0	0	0	0	0
0.008705	0	0	0	0	0	0
0.048507	0	0	0	0	0	0
0.006768	0	0	0	0	0	0
0.004312	0	0	0	0	0	0
0.364367	0.21	0	0	0	0	0
0.154779	0	0	0	0	0	0
0.005469	0	0	0	0	0	0
0.024492	0	0	0	0	0	0
0.00773	0	0	0	0	0	0
0.019421	0	0	0	0	0	0
0.015712	0	0	0	0	0	0
0.05103	0	0	0	0	0	0
0.182013	0	0	0	0	0	0
0.076282	0	0	0	0	0	0
0.038583	0	0	0	0	0	0
0.022253	0	0	0	0	0	0
0.026702	0	0	0	0	0	0
0.037008	0	0	0	0	0	0
0.023846	0	0	0	0	0	0
0.019833	0	0	0	0	0	0
0.021368	0	0	0	0	0	0
0.026917	0	0	0	0	0	0
0.027112	0	0	0	0	0	0
0.040503	0	0	0	0	0	0
0.024133	0	0	0	0	0	0
0.019746	0	0	0	0	0	0
0.022864	0	0	0	0	0	0
0.019694	0	0	0	0	0	0
0.021856	0	0	0	0	0	0
0.028339	0	0	0	0	0	0
0.02559	0	0	0	0	0	0
0.08365	0	0	0	0	0	0
0.056698	0	0	0	0	0	0
0.07808	0	0	0	0	0	0
0.078836	0	0	0	0	0	0
0.04244	0	0	0	0	0	0
0.035602	0	0	0	0	0	0
0.218715	0.03	0	0	0	0	0
0.048883	0	0	0	0	0	0
0.060291	0	0	0	0	0	0
0.035449	0	0	0	0	0	0
0.068469	0	0	0	0	0	0
0.067223	0	0	0	0	0	0
0.051274	0	0	0	0	0	0
0.035445	0	0	0	0	0	0
0.054527	0	0	0	0	0	0
0.045993	0	0	0	0	0	0
0.038271	0	0	0	0	0	0
0.05348	0	0	0	0	0	0



0.044869	0	0	0	0	0	0
0.351447	0	0	0	0	0	0
0.043838	0	0	0	0	0	0
0.052541	0	0	0	0	0	0
0.052287	0	0	0	0	0	0
0.046162	0	0	0	0	0	0
0.035346	0	0	0	0	0	0
0.045566	0	0	0	0	0	0
0.01782	0	0	0	0	0	0
0.377274	0.36	0	0	0	0	0
0.008722	0	0	0	0	0	0
0.001214	0	0	0	0	0	0
0.001266	0	0	0	0	0	0
0.00602	0	0	0	0	0	0
0.060199	0	0	0	0	0	0
0.169275	0.05	0	0	0	0	0
0.012656	0	0	0	0	0	0
0.001894	0	0	0	0	0	0
0.116743	0	0	0	0	0	0
0.050327	0	0	0	0	0	0
0.144254	0	0	0	0	0	0
0.019857	0	0	0	0	0	0
0.011187	0	0	0	0	0	0
0.048952	0	0	0	0	0	0
0.019481	0	0	0	0	0	0
0.016635	0	0	0	0	0	0
0.026228	0	0	0	0	0	0
0.010498	0	0	0	0	0	0
0.022	0	0	0	0	0	0
0.015885	0	0	0	0	0	0
0.011557	0	0	0	0	0	0
0.012857	0	0	0	0	0	0
0.0084	0	0	0	0	0	0
0.004787	0	0	0	0	0	0
0.002913	0	0	0	0	0	0
0.009216	0	0	0	0	0	0
0.002227	0	0	0	0	0	0
0.001958	0	0	0	0	0	0
0.002315	0	0	0	0	0	0
0.006395	0	0	0	0	0	0
0.003086	0	0	0	0	0	0
0.00658	0	0	0	0	0	0
0.009741	0	0	0	0	0	0
0.025057	0	0	0	0	0	0
0.011158	0	0	0	0	0	0
0.002491	0	0	0	0	0	0
0.001424	0	0	0	0	0	0
0.026264	0.06	0	0	0	0	0
0.000907	0	0	0	0	0	0
0.007679	0	0	0	0	0	0

0.000959	0	0	0	0	0	0
0.000713	0	0	0	0	0	0
0.015862	0	0	0	0	0	0
0.001594	0.07	0	0	0	0	0
0.002481	0	0	0	0	0	0
0.0034	0	0	0	0	0	0
0.004766	0	0	0	0	0	0
0.001599	0	0	0	0	0	0
0.35118	0.04	0	0	0	0	0
0.161551	0	0	0	0	0	0
0.248442	0	0	0	0	0	0
0.246122	0	0	0	0	0	0
0.01542	0.02	0	0	0	0	0
0.130845	0	0	0	0	0	0
0.429374	0	0	0	0	0	0
0.170418	0	0	0	0	0	0
0.051694	0	0	0	0	0	0
0.061751	0	0	0	0	0	0
0.038847	0	0	0	0	0	0
0.031406	0	0	0	0	0	0
0.093839	0	0	0	0	0	0
0.085612	0	0	0	0	0	0
0.091937	0	0	0	0	0	0
0.120385	0.02	0	0	0	0	0
0.156983	0	0	0	0	0	0
0.013715	0	0	0	0	0	0
0.45416	0	0	0	0	0	0
0.204343	0	0	0	0	0	0
0.042645	0	0	0	0	0	0
0.019043	0	0	0	0	0	0
0.095896	0	0	0	0	0	0
0.129263	0	0	0	0	0	0
0.064043	0	0	0	0	0	0
0.020438	0	0	0	0	0	0
0.133486	0	0	0	0	0	0
0.053105	0	0	0	0	0	0
0.044939	0	0	0	0	0	0
0.09671	0	0	0	0	0	0
0.077083	0	0	0	0	0	0
0.30879	0	0	0	0	0	0
0.001889	0	0	0	0	0	0
0.002081	0	0	0	0	0	0
0.004445	0	0	0	0	0	0
0.001011	0	0	0	0	0	0
0.009105	0	0	0	0	0	0
0.004794	0	0	0	0	0	0
0.008163	0	0	0	0	0	0
0.053093	0	0	0	0	0	0
0.05296	0	0	0	0	0	0
0.047835	0	0	0	0	0	0

0.043305	0	0	0	0	0	0
0.036657	0	0	0	0	0	0
0.063632	0	0	0	0	0	0
0.036097	0	0	0	0	0	0
0.041754	0	0	0	0	0	0
0.017534	0	0	0	0	0	0
0.023111	0	0	0	0	0	0
0.047803	0	0	0	0	0	0
0.129003	0	0	0	0	0	0
0.078069	0	0	0	0	0	0
0.075981	0	0	0	0	0	0
0.05748	0	0	0	0	0	0
0.388347	0	0	0	0	0	0
0.072639	0	0	0	0	0	0
0.100891	0	0	0	0	0	0
0.049654	0	0	0	0	0	0
0.203393	0	0	0	0	0	0
0.131799	0	0	0	0	0	0
0.154537	0	0	0	0	0	0
0.129926	0	0	0	0	0	0
0.094214	0	0	0	0	0	0
0.688368	0	0	0	0	0	0
0.063485	0	0	0	0	0	0
0.037856	0	0	0	0	0	0
0.134683	0	0	0	0	0	0
0.034216	0	0	0	0	0	0
0.067757	0	0	0	0	0	0
0.080141	0	0	0	0	0	0
0.034408	0	0	0	0	0	0
0.063791	0	0	0	0	0	0
0.082522	0	0	0	0	0	0
0.053215	0	0	0	0	0	0
0.049365	0	0	0	0	0	0
0.053494	0	0	0	0	0	0
0.045528	0	0	0	0	0	0
0.035806	0	0	0	0	0	0
0.030647	0	0	0	0	0	0
0.042838	0	0	0	0	0	0
0.162499	0	0	0	0	0	0
0.05776	0	0	0	0	0	0
0.068197	0	0	0	0	0	0
0.052745	0	0	0	0	0	0
0.063234	0	0	0	0	0	0
0.050934	0	0	0	0	0	0
0.029937	0	0	0	0	0	0
0.05897	0	0	0	0	0	0
0.032801	0	0	0	0	0	0
0.054227	0	0	0	0	0	0
0.030641	0	0	0	0	0	0
0.019204	0	0	0	0	0	0

0.035364	0	0	0	0	0	0
0.013006	0	0	0	0	0	0
0.012554	0	0	0	0	0	0
0.043581	0	0	0	0	0	0
0.040515	0	0	0	0	0	0
0.012232	0	0	0	0	0	0
0.026766	0	0	0	0	0	0
0.02283	0	0	0	0	0	0
0.008935	0	0	0	0	0	0
0.005009	0	0	0	0	0	0
0.027797	0	0	0	0	0	0
0.014347	0	0	0	0	0	0
0.013375	0	0	0	0	0	0
0.008584	0	0	0	0	0	0
0.214981	0	0	0	0	0	0
0.036049	0	0	0	0	0	0
0.054786	0	0	0	0	0	0
0.052556	0	0	0	0	0	0
0.045189	0	0	0	0	0	0
0.043706	0	0	0	0	0	0
0.023627	0	0	0	0	0	0
0.018895	0	0	0	0	0	0
0.014721	0	0	0	0	0	0
0.019805	0	0	0	0	0	0
0.011438	0	0	0	0	0	0
0.011762	0	0	0	0	0	0
0.016987	0	0	0	0	0	0
0.008442	0	0	0	0	0	0
0.062304	0	0	0	0	0	0
0.049429	0	0	0	0	0	0
0.031278	0	0	0	0	0	0
0.023043	0	0	0	0	0	0
0.122788	0	0	0	0	0	0
0.144676	0	0	0	0	0	0
0.21851	0	0	0	0	0	0
0.012	0	0	0	0	0	0
0.016105	0	0	0	0	0	0
0.009803	0	0	0	0	0	0
0.017987	0	0	0	0	0	0
0.009209	0	0	0	0	0	0
0.010432	0	0	0	0	0	0
0.068496	0	0	0	0	0	0
0.327951	0	0	0	0	0	0
0.006222	0	0	0	0	0	0
0.005587	0	0	0	0	0	0
0.00231	0.01	0	0	0	0	0
0.011269	0.01	0	0	0	0	0
0.408603	0	0	0	0	0	0
0.001	0	0	0	0	0	0
0.058161	0	0	0	0	0	0

0.116779	0	0	0	0	0	0
0.222204	0	0	0	0	0	0
0.080965	0	0	0	0	0	0
0.155954	0	0	0	0	0	0
0.062187	0	0	0	0	0	0
0.022188	0	0	0	0	0	0
0.090921	0	0	0	0	0	0
0.232472	0	0	0	0	0	0
0.153431	0	0	0	0	0	0
0.089591	0	0	0	0	0	0
0.054835	0	0	0	0	0	0
0.080951	0	0	0	0	0	0
0.040471	0	0	0	0	0	0
0.02235	0	0	0	0	0	0
0.053956	0	0	0	0	0	0
0.05124	0	0	0	0	0	0
0.051541	0	0	0	0	0	0
0.066976	0	0	0	0	0	0
0.031018	0	0	0	0	0	0
0.020546	0	0	0	0	0	0
0.03026	0	0	0	0	0	0
0.029764	0	0	0	0	0	0
0.024206	0	0	0	0	0	0
0.011485	0	0	0	0	0	0
0.020966	0	0	0	0	0	0
0.015841	0	0	0	0	0	0
0.018612	0	0	0	0	0	0
0.019831	0	0	0	0	0	0
0.024769	0	0	0	0	0	0
0.016702	0	0	0	0	0	0
0.016781	0	0	0	0	0	0
0.014516	0	0	0	0	0	0
0.014906	0	0	0	0	0	0
0.019537	0	0	0	0	0	0
0.018324	0	0	0	0	0	0
0.019474	0	0	0	0	0	0
0.055162	0	0	0	0	0	0
0.008512	0	0	0	0	0	0
0.00117	0	0	0	0	0	0
0.000466	0	0	0	0	0	0
0.000388	0	0	0	0	0	0
0.001805	0	0	0	0	0	0
0.000233	0	0	0	0	0	0
0.001269	0	0	0	0	0	0
0.000962	0	0	0	0	0	0
0.00055	0	0	0	0	0	0
0.000351	0	0	0	0	0	0
0.050958	0	0	0	0	0	0
0.105704	0	0	0	0	0	0
0.050067	0	0	0	0	0	0

0.036857	0	0	0	0	0	0
0.042297	0	0	0	0	0	0
0.025383	0	0	0	0	0	0
0.025325	0	0	0	0	0	0
0.010158	0	0	0	0	0	0
0.006264	0	0	0	0	0	0
0.011449	0	0	0	10	0	10
0.028796	0	0	0	0	0	0
0.004545	0	0	0	0	0	0
0.041494	0	0	8	0	1	9
0.015898	0	5	0	0	0	5
0.003409	0	0	0	0	0	0
0.001871	0	0	0	0	6	6
0.021701	0.02	6	0	0	0	6
0.005912	0	0	0	0	0	0
0.432408	0.14	0	0	0	0	0
0.022708	0	0	0	0	0	0
0.017293	0	0	0	0	0	0
0.079175	0	0	0	0	0	0
0.059956	0	0	0	0	0	0
0.233455	0	0	0	0	0	0
0.192898	0	0	0	0	0	0
0.058909	0	0	0	0	0	0
0.318237	0.05	0	0	0	0	0
0.062687	0	0	0	0	0	0
0.023195	0.01	0	0	0	0	0
0.095617	0	0	0	0	0	0
0.130732	0	0	0	0	0	0
0.08464	0.03	0	0	0	0	0
0.076679	0	0	0	0	0	0
0.047491	0	0	0	0	0	0
0.059285	0	0	0	0	0	0
0.190909	0	0	0	0	0	0
0.055358	0	0	0	0	0	0
0.077027	0	0	0	0	0	0
0.085607	0	0	0	0	0	0
0.050691	0	0	0	0	0	0
0.124811	0	0	0	0	0	0
0.014024	0	0	0	0	0	0
0.092435	0.1	0	0	0	0	0
0.018718	0.02	0	0	0	6	6
0.020528	0	6	0	6	4	16
0.01116	0	4	0	0	0	4
0.01554	0	0	0	0	0	0
0.010835	0.01	0	0	0	4	4
0.011393	0	4	3	0	0	7
0.010526	0.01	0	0	0	0	0
0.004882	0	0	0	0	0	0
0.008612	0	0	0	0	0	0
0.016877	0	0	0	0	0	0

0.007401	0	0	0	0	0	0
0.009606	0	0	0	0	0	0
0.004272	0	0	0	0	0	0
0.003972	0	0	0	0	0	0
0.123258	0	0	0	0	0	0
0.010364	0	0	0	0	0	0
0.006717	0	0	0	0	0	0
0.016377	0	0	0	0	0	0
0.015674	0	0	0	0	0	0
0.014279	0	0	0	0	0	0
0.017328	0	0	0	0	0	0
0.010043	0	0	0	0	0	0
0.014088	0	0	0	0	0	0
0.008018	0	0	0	0	0	0
0.002798	0	0	0	0	0	0
0.015388	0	0	0	0	0	0
0.007024	0	0	0	0	0	0
0.009662	0	0	0	0	0	0
0.070718	0	0	0	0	0	0
0.010146	0	0	0	0	0	0
0.143109	0	0	0	0	0	0
0.032402	0	0	0	0	0	0
0.050516	0	0	0	0	0	0
0.051312	0	0	0	0	0	0
0.075836	0	0	0	0	0	0
0.015761	0	0	0	0	0	0
0.009157	0	0	0	0	0	0
0.006881	0	0	0	0	0	0
0.011972	0	0	0	0	0	0
0.016952	0	0	0	0	0	0
0.007345	0	0	0	0	0	0
0.006628	0	0	0	0	0	0
0.009111	0	0	0	0	0	0
0.00938	0	0	0	0	0	0
0.006994	0	0	0	0	0	0
0.012809	0	0	0	0	0	0
0.017801	0	0	0	0	0	0
0.006526	0	0	0	0	0	0
0.005594	0	0	0	0	0	0
0.004708	0	0	0	0	0	0
0.011799	0	0	0	0	0	0
0.016889	0	0	0	0	0	0
0.019024	0	0	0	0	0	0
0.022849	0	0	0	0	0	0
0.017116	0	0	0	0	0	0
0.011232	0	0	0	0	0	0
0.007128	0	0	0	0	0	0
0.677072	0	0	0	0	0	0
0.017823	0	0	0	0	0	0
0.011815	0	0	0	0	0	0

0.013471	0	0	0	0	0	0
0.004716	0	0	0	0	0	0
0.393804	0.14	0	0	0	0	0
0.023066	0	6	0	0	11	17
0.072396	0	11	0	0	0	11
0.113976	0	0	0	0	0	0
0.009364	0	0	0	0	0	0
0.010505	0	0	0	0	0	0
0.012321	0	0	0	0	0	0
0.00467	0	0	0	0	1	1
0.015916	0	0	0	0	0	0
0.019527	0	0	0	0	0	0
0.009784	0	0	0	0	0	0
0.007183	0	0	0	0	0	0
0.009305	0	0	0	0	0	0
0.008057	0	0	0	0	0	0
0.010959	0	0	0	0	0	0
0.02471	0	0	0	0	6	6
0.151828	0	0	0	0	0	0
0.004736	0	0	0	0	0	0
0.001132	0	0	0	0	0	0
0.003931	0	0	0	0	0	0
0.017532	0	0	0	0	0	0
0.075905	0	0	0	0	0	0
0.048601	0	0	0	0	0	0
0.040147	0	0	0	0	0	0
0.045283	0	0	0	0	0	0
0.015166	0	0	0	0	0	0
0.075255	0	0	0	0	0	0
0.036654	0	0	0	0	0	0
0.014078	0	0	0	0	0	0
0.014227	0	0	0	0	0	0
0.046328	0	0	0	0	0	0
0.13052	0	0	0	0	0	0
0.049315	0	0	0	0	0	0
0.029364	0	0	0	0	0	0
0.051334	0	0	0	0	0	0
0.046068	0	0	0	0	0	0
0.038258	0	0	0	0	0	0
0.097652	0	0	0	0	0	0
0.077656	0	0	0	0	0	0
0.036595	0	0	0	0	0	0
0.030767	0	0	0	0	0	0
0.035334	0	0	0	0	0	0
0.025763	0	0	0	0	0	0
0.018066	0	0	0	0	0	0
0.019286	0	0	0	0	0	0
0.020853	0	0	0	0	0	0
0.021974	0	0	0	0	0	0
0.020009	0	0	0	0	0	0



0.121672	0	0	0	0	0	0
0.033544	0	0	0	0	0	0
0.057808	0	0	0	0	0	0
0.069176	0	0	0	0	0	0
0.028016	0	0	0	0	0	0
0.073776	0	0	0	0	0	0
0.048461	0	0	0	0	0	0
0.041961	0	0	0	0	0	0
0.055737	0	0	0	0	0	0
0.032256	0.03	0	0	0	0	0
0.041834	0	0	0	0	0	0
0.285301	0	0	0	0	0	0
0.052048	0	0	0	0	0	0
0.044634	0	0	0	0	0	0
0.041898	0	0	0	0	0	0
0.051883	0	0	0	0	0	0
0.02311	0	0	0	0	0	0
0.004212	0	0	0	0	0	0
0.003932	0	0	0	0	0	0
0.000442	0	0	0	0	0	0
0.396166	0	0	0	0	0	0
0.037842	0	0	0	0	0	0
0.01892	0	0	0	0	0	0
0.022118	0	0	0	0	0	0
0.004106	0	0	0	0	0	0
0.000601	0	0	0	0	0	0
0.003488	0	0	0	0	0	0
0.008595	0	0	0	0	0	0
0.002161	0	0	0	0	0	0
0.001393	0	0	0	0	0	0
0.001081	0	0	0	0	0	0
0.000759	0	0	0	0	0	0
0.002357	0	0	0	0	0	0
0.001091	0	0	0	0	0	0
0.00226	0	0	0	0	0	0
0.001035	0	0	0	0	0	0
0.001021	0	0	0	0	0	0
0.011112	0	0	0	0	0	0
0.010098	0	0	0	0	0	0
0.023309	0	0	0	0	0	0
0.011222	0	0	0	0	0	0
0.007495	0	0	0	0	0	0
0.018928	0.02	0	0	0	0	0
0.006246	0	0	0	0	0	0
0.028313	0	0	0	0	0	0
0.027404	0	0	0	0	0	0
0.012198	0	0	0	0	0	0
0.042948	0	0	0	0	0	0
0.017944	0	0	0	0	0	0
0.008394	0	0	0	0	0	0

0.002953	0	0	0	0	0	0
0.043869	0	0	0	0	0	0
0.044628	0.03	0	1	0	0	1
0.002016	0	0	0	0	0	0
0.003442	0	0	0	0	0	0
0.011814	0.04	0	0	0	0	0
0.005166	0	0	0	0	0	0
0.005302	0	0	0	0	0	0
0.003442	0	0	0	0	0	0
0.005028	0	0	0	0	0	0
0.002582	0	0	0	0	0	0
0.004616	0	0	0	0	0	0
0.009769	0	0	0	0	0	0
0.003114	0	0	0	0	0	0
0.007031	0	0	0	0	0	0
0.081312	0	0	0	0	0	0
0.12618	0	0	0	0	0	0
0.041341	0	0	0	0	0	0
0.065538	0	0	0	0	0	0
0.050156	0	0	0	0	0	0
0.032871	0	0	0	0	0	0
0.024131	0	0	0	0	0	0
0.032097	0	0	0	0	0	0
0.033272	0	0	0	0	0	0
0.030496	0	0	0	0	0	0
0.067201	0	0	0	0	0	0
0.050725	0	0	0	0	0	0
0.009201	0	0	0	0	0	0
0.010954	0	0	0	0	0	0
0.021492	0	0	0	0	0	0
0.006162	0	0	0	0	0	0
0.008476	0	0	0	0	0	0
0.003782	0	0	0	0	0	0
0.044884	0	0	0	0	0	0
0.06114	0	0	0	0	0	0
0.0272	0	0	0	0	0	0
0.026138	0	0	0	0	0	0
0.046606	0	0	0	0	0	0
0.027581	0	0	0	0	0	0
0.012907	0	0	0	0	3	3
0.025097	0	3	0	0	0	3
0.06135	0	0	0	0	0	0
0.023367	0	0	0	0	0	0
0.023387	0	0	0	0	0	0
0.341646	0	0	0	0	0	0
0.033609	0	0	0	0	0	0
0.045853	0	0	0	0	0	0
0.033534	0	0	0	0	0	0
0.051516	0	0	0	0	0	0
0.058982	0	0	0	0	0	0

0.056911	0	0	0	0	0	0
0.049492	0	0	0	0	0	0
0.056216	0	0	0	0	0	0
0.008917	0	0	0	0	0	0
0.006056	0	0	0	0	0	0
0.008721	0	0	0	0	0	0
0.004222	0	0	0	0	0	0
0.005533	0	0	0	0	0	0
0.039503	0	0	0	0	0	0
0.005286	0	0	0	0	0	0
0.003642	0	0	0	0	0	0
0.016147	0	0	0	0	0	0
0.007053	0	0	0	0	0	0
0.006278	0	0	0	0	0	0
0.006881	0	0	0	0	0	0
0.002069	0	0	0	0	0	0
0.001412	0	0	0	0	0	0
0.033653	0	0	0	0	0	0
0.002007	0	0	0	0	0	0
0.006133	0	0	0	0	0	0
0.014241	0	0	0	0	0	0
0.017646	0	0	0	0	0	0
0.002801	0	0	0	0	0	0
0.014558	0	0	0	0	0	0
0.006745	0	0	0	0	0	0
0.010361	0	0	0	0	0	0
0.006959	0	0	0	0	0	0
0.011012	0	0	0	0	0	0
0.004785	0	0	0	0	0	0
0.005085	0	0	0	0	0	0
0.003497	0	0	0	0	0	0
0.0207	0	0	0	0	0	0
0.026176	0	0	0	0	0	0
0.124462	0	0	0	0	0	0
0.110916	0	0	0	0	0	0
0.055482	0	0	0	0	0	0
0.017952	0	0	0	0	0	0
0.016585	0	0	0	0	0	0
0.032658	0	0	0	0	0	0
0.034666	0	0	7	7	0	14
0.021405	0	0	0	0	0	0
0.02366	0	0	0	0	0	0
0.017565	0	0	0	0	0	0
0.035831	0	0	0	0	0	0
0.022054	0	0	0	0	0	0
0.043894	0	0	0	0	0	0
0.013545	0	0	0	0	0	0
0.009501	0	0	0	0	0	0
0.010212	0	0	0	0	0	0
0.016491	0	0	0	0	0	0

0.030671	0	0	0	0	0	0
0.005729	0	0	0	0	0	0
0.049292	0	0	0	0	0	0
0.030338	0	0	0	0	0	0
0.022599	0	0	0	0	0	0
0.022156	0	0	0	0	0	0
0.022807	0	0	0	0	0	0
0.008151	0	0	0	0	0	0
0.026886	0	0	0	0	0	0
0.046332	0	0	0	0	2	2
0.061184	0	2	0	0	0	2
0.023277	0	0	0	0	0	0
0.012375	0	0	0	0	0	0
0.010993	0	0	0	0	0	0
0.190824	0	0	0	0	0	0
0.02629	0	0	0	0	0	0
0.022013	0	0	0	0	2	2
0.312794	0.05	2	0	7	2	11
0.005099	0	2	0	0	8	10
0.044697	0	8	0	0	0	8
0.001454	0	0	0	0	1	1
0.027134	0.05	1	0	0	0	1
0.028461	0	0	0	0	0	0
0.043855	0	0	0	0	0	0
0.060456	0	0	0	0	3	3
0.121201	0	3	19	0	0	22
0.025994	0	0	0	0	0	0
0.064929	0	0	0	0	0	0
0.058463	0	0	0	0	0	0
0.095817	0	0	0	0	0	0
0.042275	0	0	0	0	0	0
0.071983	0	0	0	0	0	0
0.105144	0	0	0	0	0	0
0.051316	0	0	0	0	0	0
0.066181	0	0	0	0	0	0
0.032891	0	0	0	0	0	0
0.115485	0	0	0	0	0	0
0.231383	0	0	0	0	0	0
0.062266	0	0	0	0	0	0
0.043483	0	0	0	0	0	0
0.034839	0	0	0	0	0	0
0.038737	0	0	0	0	0	0
0.033803	0	0	0	0	0	0
0.160278	0	0	0	0	0	0
0.28569	0	0	0	0	0	0
0.04371	0	0	0	0	0	0
0.034086	0	0	0	0	0	0
0.030316	0	0	0	0	0	0
0.021351	0	0	0	0	0	0
0.020796	0	0	0	0	0	0

0.014945	0	0	0	0	0	0
0.027354	0	0	0	0	0	0
0.107128	0	0	0	0	0	0
0.131618	0	0	0	0	0	0
0.166287	0	0	0	0	0	0
0.312502	0	0	0	0	0	0
0.010225	0	0	0	0	0	0
0.085046	0	0	0	0	0	0
0.01815	0	0	0	0	0	0
0.009012	0	0	0	0	0	0
0.081961	0	0	0	0	0	0
0.052303	0	0	0	0	0	0
0.056473	0	0	0	0	0	0
0.082664	0.04	0	0	0	0	0
0.00861	0	0	0	0	0	0
0.004596	0	0	0	0	0	0
0.001881	0	0	0	0	10	10
0.003268	0	10	0	0	0	10
0.005386	0	0	0	0	1	1
0.042648	0	1	0	0	0	1
0.004723	0	0	0	0	0	0
0.008123	0	0	0	0	0	0
0.001335	0	0	0	0	0	0
0.003098	0	0	0	0	0	0
0.001698	0	0	0	0	0	0
0.056457	0.01	0	0	0	7	7
0.003428	0	7	0	0	0	7
0.004624	0	0	0	0	0	0
0.012633	0	0	0	0	0	0
0.006704	0	0	0	0	0	0
0.003207	0	0	0	2	0	2
0.000524	0	0	0	0	12	12
0.019178	0	12	0	0	0	12
0.01053	0	0	0	0	0	0
0.002266	0	0	0	0	0	0
0.734179	0	0	0	7	4	11
0.647929	0	4	15	18	0	37
0.01819	0	0	0	0	5	5
0.009417	0	5	0	0	0	5
0.016666	0	0	0	0	0	0
0.041204	0	0	2	0	7	9
0.007742	0	7	0	0	0	7
0.007885	0	0	0	0	0	0
0.007498	0	0	0	0	5	5
0.00411	0	5	0	0	0	5
0.001975	0	0	0	0	0	0
0.001984	0	0	0	0	0	0
0.0102	0	0	0	0	0	0
0.006099	0	0	0	0	0	0
0.007851	0	0	0	0	0	0

0.002638	0	0	0	0	0	0
0.007032	0	0	0	0	0	0
0.085978	0.02	0	0	0	0	0
0.009435	0	0	0	0	3	3
0.00355	0	0	0	0	0	0
0.003615	0	0	0	0	0	0
0.034827	0.01	0	0	0	0	0
0.031037	0.01	0	0	0	0	0
0.002224	0	0	0	0	0	0
0.017847	0	0	0	0	0	0
0.021359	0	0	0	0	0	0
0.001565	0	0	0	0	0	0
0.009378	0	0	0	0	0	0
0.003137	0	0	0	0	0	0
0.00269	0	0	0	0	0	0
0.0033	0	0	0	0	0	0
0.004033	0	0	0	0	0	0
0.006243	0	0	0	0	0	0
0.000457	0	0	0	0	0	0
0.001168	0	0	0	0	0	0
0.019703	0	0	0	0	0	0
0.012018	0	0	0	0	0	0
0.011127	0	0	0	0	0	0
0.015034	0	0	0	0	0	0
0.069311	0	0	0	0	0	0
0.194629	0.21	0	0	0	0	0
0.033055	0	0	0	0	0	0
0.006499	0	0	0	0	0	0
0.009509	0	0	0	0	0	0
0.003735	0	0	0	0	0	0
0.008679	0	0	0	0	0	0
0.010702	0	0	0	0	0	0
0.038083	0	0	0	0	0	0
0.012913	0	0	0	0	0	0
0.016671	0	0	0	0	0	0
0.008056	0	0	0	0	0	0
0.619339	0.06	0	0	0	0	0
0.031887	0	0	0	0	0	0
0.041422	0	0	0	0	0	0
0.021909	0	0	0	0	0	0
0.021191	0	0	0	0	0	0
0.022955	0	0	0	0	0	0
0.028477	0	0	0	0	0	0
0.018767	0	0	0	0	0	0
0.031269	0	0	0	0	0	0
0.021962	0	0	0	0	0	0
0.019561	0	0	0	0	0	0
0.017407	0	0	0	0	0	0
0.016637	0	0	0	0	0	0
0.019762	0	0	0	0	0	0

0.012942	0	0	0	0	0	0
0.019644	0	0	0	0	0	0
0.012204	0	0	0	0	0	0
0.030624	0	0	0	0	0	0
0.018797	0	0	0	0	0	0
0.027044	0	0	0	0	0	0
0.035419	0	0	0	0	0	0
0.108023	0.01	0	0	0	0	0
0.067376	0	0	0	0	0	0
0.027051	0	0	0	0	0	0
0.010201	0	0	0	0	0	0
0.177995	0	0	0	0	0	0
0.109406	0.04	0	0	0	0	0
0.117875	0	0	0	0	0	0
0.026549	0	0	0	0	0	0
0.497244	0	0	0	0	0	0
0.101856	0	0	0	0	0	0
0.046957	0	0	0	0	0	0
0.140966	0	0	0	0	0	0
0.090651	0	0	0	0	0	0
0.047894	0	0	0	0	0	0
0.090822	0	0	0	0	0	0
0.056259	0	0	0	0	0	0
0.076958	0	0	0	0	0	0
0.0532	0	0	0	0	0	0
0.034225	0	0	0	0	0	0
0.065133	0	0	0	0	0	0
0.06249	0	0	0	0	0	0
0.068117	0	0	0	0	0	0
0.067824	0	0	0	0	0	0
0.070383	0	0	0	0	0	0
0.045795	0	0	0	0	0	0
0.060795	0	0	0	0	0	0
0.058418	0	0	0	0	0	0
0.067268	0	0	0	0	0	0
0.05864	0	0	0	0	0	0
0.05535	0	0	0	0	0	0
0.10473	0	0	0	0	0	0
0.246215	0	0	0	0	0	0
0.008136	0	0	0	0	0	0
0.010196	0	0	0	0	0	0
0.006098	0	0	0	0	0	0
0.009552	0	0	0	0	0	0
0.005203	0	0	0	0	0	0
0.04006	0	0	0	0	0	0
0.032409	0	0	0	0	0	0
0.035611	0	0	0	0	0	0
0.97312	0	0	0	0	0	0
0.065012	0	0	0	0	0	0
0.050199	0	0	0	0	0	0

0.041977	0	0	0	0	0	0
0.038566	0	0	0	0	0	0
0.040505	0	0	0	0	0	0
0.217662	0.3	0	0	0	0	0
0.058335	0	0	0	0	0	0
0.036172	0	0	0	0	0	0
0.052334	0	0	0	0	0	0
0.071814	0	0	0	0	0	0
0.04195	0	0	0	0	0	0
0.034304	0	0	0	0	0	0
0.01989	0	0	0	0	0	0
0.032675	0	0	0	0	0	0
0.0304	0	0	0	0	0	0
0.012842	0	0	0	0	0	0
0.018487	0	0	0	0	0	0
0.05558	0	0	0	0	0	0
0.040877	0	0	0	0	0	0
0.016636	0	0	0	0	0	0
0.02117	0	0	0	0	0	0
0.010952	0	0	0	0	0	0
0.047835	0	0	0	0	0	0
0.023331	0	0	0	0	0	0
0.015166	0	0	0	0	0	0
0.028421	0	0	0	0	0	0
0.027304	0	0	0	0	0	0
0.027186	0	0	0	0	0	0
0.066129	0	0	0	0	0	0
0.032449	0	0	0	0	0	0
0.027647	0	0	0	0	0	0
0.171272	0	0	0	0	0	0
0.184853	0	0	0	0	0	0
0.034615	0	0	0	0	0	0
0.030904	0	0	0	0	0	0
0.02684	0	0	0	0	0	0
0.048933	0	0	0	0	0	0
0.049556	0	0	0	0	0	0
0.03386	0	0	0	0	0	0
0.041153	0	0	0	0	0	0
0.041995	0	0	0	0	0	0
0.065592	0	0	0	0	0	0
0.065782	0	0	0	0	0	0
0.094248	0	0	0	0	0	0
0.048199	0	0	0	0	0	0
0.038957	0	0	0	0	0	0
0.035411	0	0	0	0	0	0
0.026688	0	0	0	0	0	0
0.701736	0.07	0	0	0	0	0
0.041242	0	0	0	0	0	0
0.028031	0	0	0	0	0	0
0.017763	0	0	0	0	0	0



0.019853	0	0	0	0	0	0
0.122016	0	0	0	0	0	0
0.013289	0	0	0	0	0	0
0.016462	0	0	0	0	0	0
0.065211	0	0	0	0	0	0
0.055536	0	0	0	0	0	0
0.031968	0	0	0	0	0	0
0.015416	0	0	0	0	0	0
0.020632	0	0	0	0	0	0
0.014708	0	0	0	0	0	0
0.045255	0	0	0	0	0	0
0.009461	0	0	0	0	0	0
0.055669	0	0	0	0	0	0
0.174042	0	0	0	0	0	0
0.038216	0	0	0	0	0	0
0.037123	0	0	0	0	0	0
0.062949	0	0	0	0	0	0
0.077897	0	0	0	0	0	0
0.044291	0	0	0	0	0	0
0.042715	0	0	0	0	0	0
0.034455	0	0	0	0	0	0
0.022505	0	0	0	0	0	0
0.027374	0	0	0	0	0	0
0.021443	0	0	0	0	0	0
0.075017	0	0	0	0	0	0
0.039702	0	0	0	0	0	0
0.331067	0.03	0	0	0	0	0
0.108631	0	0	0	0	0	0
0.09229	0	0	0	0	0	0
0.048828	0	0	0	0	0	0
0.273328	0	0	0	0	0	0
0.046744	0	0	0	0	0	0
0.040485	0	0	0	0	0	0
0.167328	0	0	0	0	0	0
0.200255	0	0	0	0	0	0
0.086729	0	0	0	0	0	0
0.148256	0	0	0	0	0	0
0.034559	0	0	0	0	0	0
0.055705	0	0	0	0	0	0
0.187381	0	0	0	0	0	0
0.122852	0	0	0	0	0	0
0.043948	0	0	0	0	0	0
0.276556	0	0	0	0	0	0
0.044427	0	0	0	0	0	0
0.014701	0	0	0	0	0	0
0.05843	0	0	0	0	0	0
0.012775	0	0	0	0	0	0
0.32228	0	0	0	0	0	0
0.036095	0	0	0	0	0	0
0.024834	0	0	0	0	0	0

0.030122	0	0	0	0	0	0
0.021831	0	0	0	0	0	0
0.019028	0	0	0	0	0	0
0.018875	0	0	0	0	0	0
0.016318	0	0	0	0	0	0
0.018088	0	0	0	0	0	0
0.01316	0	0	0	0	0	0
0.011741	0	0	0	0	0	0
0.048561	0	0	0	0	0	0
0.057147	0	0	0	0	0	0
0.026645	0	0	0	0	0	0
0.021989	0	0	0	0	0	0
0.048581	0	0	0	0	0	0
0.020135	0	0	0	0	0	0
0.024356	0	0	0	0	0	0
0.028878	0	0	0	0	0	0
0.033243	0	0	0	0	0	0
0.020258	0	0	0	0	0	0
0.018212	0	0	0	0	0	0
0.040643	0	0	0	0	0	0
0.01827	0	0	0	0	0	0
0.016822	0	0	0	0	0	0
0.016865	0	0	0	0	0	0
0.019007	0	0	0	0	0	0
0.013229	0	0	0	0	0	0
0.011529	0	0	0	0	0	0
0.013427	0	0	0	0	0	0
0.009318	0	0	0	0	4	4
0.024876	0	0	0	0	0	0
0.006778	0	4	0	0	0	4
0.005794	0	0	0	0	0	0
0.260653	0	0	0	0	0	0
0.254658	0	0	0	23	0	23
0.008732	0	0	0	0	0	0
0.005826	0	0	0	0	0	0
0.002977	0	0	0	0	0	0
0.004265	0	0	0	0	0	0
0.007923	0	0	3	0	6	9
0.110053	0	6	0	8	10	24
0.034609	0	0	0	0	0	0
0.003332	0	10	0	0	0	10
0.012972	0	0	0	3	0	3
0.042667	0	0	0	0	0	0
0.009846	0	0	0	0	0	0
0.007307	0	0	0	0	0	0
0.007415	0	0	0	0	3	3
0.048575	0	0	0	0	0	0
0.134062	0	0	0	0	0	0
0.023212	0	0	0	0	0	0
0.030704	0	0	0	0	0	0

0.020322	0	0	0	0	0	0
0.010793	0	0	0	0	0	0
0.010753	0	0	0	0	0	0
0.015237	0	0	0	0	0	0
0.01258	0	0	0	0	0	0
0.051078	0	0	0	0	0	0
0.153793	0	0	0	0	0	0
0.116559	0	0	0	0	0	0
0.076918	0	0	0	0	0	0
0.063307	0	0	0	0	0	0
0.023569	0	0	0	0	0	0
0.063719	0	0	0	0	0	0
0.019024	0	0	0	0	0	0
0.011483	0	0	0	0	0	0
0.00893	0	0	0	0	0	0
0.364709	0	0	0	0	0	0
0.018177	0	0	0	0	0	0
0.022807	0	0	0	0	0	0
0.023627	0	0	0	0	0	0
0.020642	0	0	0	0	0	0
0.020721	0	0	0	0	0	0
0.022082	0	0	0	0	0	0
0.015813	0	0	0	0	0	0
0.051254	0	0	0	0	0	0
0.038525	0	0	0	0	0	0
0.020104	0	0	0	0	0	0
0.061729	0	0	0	0	0	0
0.019325	0	0	0	0	0	0
0.055622	0	0	0	0	0	0
0.05747	0	0	0	0	0	0
0.046681	0	0	0	0	0	0
0.045743	0	0	0	0	0	0
0.032479	0	0	0	0	0	0
0.053198	0	0	0	0	0	0
0.019625	0	0	0	0	0	0
0.025862	0	0	0	0	0	0
0.050984	0	0	0	0	0	0
0.024445	0	0	0	0	0	0
0.531035	0	0	0	0	0	0
0.075086	0	0	0	0	3	3
0.021478	0	3	0	0	2	5
0.033492	0	2	0	0	0	2
0.030695	0	0	0	0	0	0
0.036252	0	0	0	0	0	0
0.026806	0	0	0	0	0	0
0.025102	0	0	0	0	0	0
0.023842	0	0	0	0	0	0
0.016013	0	0	0	0	0	0
0.020295	0	0	0	0	0	0
0.020479	0	0	0	0	0	0

0.045616	0	0	0	0	0	0
0.030625	0	0	0	0	0	0
0.090239	0	0	0	0	0	0
0.371957	0	0	0	0	0	0
0.110628	0	0	0	0	0	0
0.058347	0	0	0	0	0	0
0.069701	0	0	1	0	0	1
0.058668	0	0	0	0	0	0
0.226838	0	0	0	0	0	0
0.066221	0	0	0	0	0	0
0.047018	0	0	0	0	0	0
0.043566	0	0	0	0	0	0
0.096661	0	0	0	0	0	0
0.016253	0	0	0	0	0	0
0.036735	0	0	0	0	0	0
0.023165	0	0	0	0	0	0
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0.098797	0	0	0	0	0	0
0.06359	0	0	0	0	0	0
0.055011	0	0	0	0	0	0
0.030717	0	0	0	0	0	0
0.070299	0	0	0	0	0	0
0.027229	0	0	0	0	0	0
0.030342	0	0	0	0	0	0
0.019878	0	0	0	0	0	0
0.020165	0	0	0	0	0	0
0.039759	0	0	0	0	0	0
0.030551	0	0	0	0	0	0
0.070197	0	0	0	0	0	0
0.015934	0	0	0	0	0	0
0.044274	0	0	0	0	0	0
0.017065	0	0	0	0	0	0
0.021892	0	0	0	0	0	0
0.015554	0	0	0	0	0	0
0.015609	0	0	0	0	0	0
0.009023	0	0	0	0	0	0
0.018806	0	0	0	0	0	0
0.039434	0	0	0	0	0	0
0.040692	0	0	0	0	0	0
0.03696	0	0	0	0	0	0
0.038122	0	0	0	0	0	0
0.035456	0	0	0	0	0	0
0.048483	0	0	0	0	0	0
0.027846	0	0	0	0	0	0
0.071	0	0	0	0	0	0
0.151316	0	0	0	0	0	0
0.256356	0	0	0	0	0	0
0.161901	0	0	0	0	0	0
0.124973	0	0	0	0	0	0
0.007449	0	0	0	0	0	0

0.007222	0	0	0	0	0	0
0.002141	0	0	0	0	0	0
0.003698	0	0	0	0	0	0
0.002482	0	0	0	0	0	0
0.03948	0	0	0	0	0	0
0.021349	0	0	0	0	0	0
0.017978	0	0	0	0	0	0
0.031924	0	0	0	0	0	0
0.016816	0	0	0	0	0	0
0.008473	0	0	0	0	0	0
0.006603	0	0	0	0	0	0
0.162101	0.02	0	0	0	0	0
0.044498	0	0	0	0	0	0
0.044859	0	0	0	0	0	0
0.025574	0	0	0	0	0	0
0.025793	0	0	0	0	0	0
0.069816	0	0	0	0	0	0
0.049518	0	0	0	0	0	0
0.029443	0	0	0	0	0	0
0.03633	0	0	0	0	0	0
0.017313	0	0	0	0	0	0
0.046082	0	0	0	0	0	0
0.053193	0	0	0	0	0	0
0.060845	0	0	0	0	0	0
0.029952	0	0	0	0	0	0
0.034822	0	0	0	0	0	0
0.074305	0	0	0	0	0	0
0.077572	0	0	0	0	0	0
0.056968	0	0	0	0	0	0
0.039559	0	0	0	0	0	0
0.118171	0	5	0	0	0	5
0.041941	0	0	0	0	0	0
0.034852	0	0	0	0	0	0
0.009842	0	0	0	0	0	0
0.002791	0	0	0	0	0	0
0.005892	0	0	0	0	0	0
0.002559	0	0	0	0	0	0
0.010837	0	0	0	0	0	0
0.025747	0	0	0	0	0	0
0.005664	0	0	0	0	0	0
0.029508	0	0	0	0	0	0
0.013719	0	0	0	0	0	0
0.029088	0	0	0	0	0	0
0.036856	0	0	0	0	0	0
0.024896	0	0	0	0	0	0
0.024129	0	0	0	0	0	0
0.022956	0	0	0	0	0	0
0.022478	0	0	0	0	0	0
0.031619	0	0	0	0	0	0
0.014443	0	0	0	0	0	0

0.010201	0	0	0	0	0	0
0.062002	0	0	0	0	0	0
0.035238	0	0	0	0	0	0
0.059623	0	0	0	0	0	0
0.050145	0	0	0	0	0	0
0.025814	0	0	0	0	0	0
0.090573	0.73	0	0	0	0	0
0.055768	0	0	0	0	12	12
0.018366	0	12	0	0	0	12
0.011153	0	0	0	0	0	0
0.05466	0	0	0	0	0	0
0.007903	0	0	0	0	0	0
0.038563	0	0	0	0	0	0
0.054863	0	0	0	0	0	0
0.052587	0	0	0	0	0	0
0.016585	0	0	0	0	0	0
0.051871	0	0	0	3	0	3
0.056114	0	0	0	0	0	0
0.012446	0	0	0	0	0	0
0.014013	0	0	0	0	0	0
0.039483	0	0	0	0	0	0
0.052402	0	0	0	0	0	0
0.077886	0	0	0	0	0	0
0.024457	0	0	0	0	0	0
0.028824	0	0	0	0	0	0
0.025418	0	0	0	0	0	0
0.01929	0	0	0	0	0	0
0.037994	0	0	0	0	0	0
0.023122	0	0	0	0	0	0
0.01113	0	0	0	0	0	0
0.015415	0	0	0	0	0	0
0.091391	0	0	0	0	0	0
0.037264	0	0	0	0	0	0
0.013854	0	0	0	0	0	0
0.033221	0	0	0	0	0	0
0.02353	0	0	0	0	0	0
0.012239	0	0	0	0	0	0
0.083332	0	0	0	0	0	0
0.158241	0.01	0	0	0	0	0
0.132637	0	0	0	0	0	0
0.08811	0	0	0	0	0	0
0.017083	0	0	0	0	0	0
0.018438	0	0	0	0	0	0
0.069493	0	0	0	0	0	0
0.106967	0	0	0	0	0	0
0.078915	0	0	0	0	0	0
0.120872	0	0	0	0	0	0
0.173118	0.01	0	0	0	0	0
0.031585	0	0	0	0	0	0
0.045566	0	0	0	0	0	0

0.03952	0	0	0	0	0	0
0.013094	0	0	0	0	0	0
0.061226	0	0	0	0	0	0
0.035126	0	0	0	0	0	0
0.04433	0	0	0	0	0	0
0.217179	0.04	0	0	0	0	0
0.963685	0	0	0	0	0	0
0.038976	0	0	0	0	0	0
0.038664	0	0	0	0	0	0
0.021571	0	0	0	0	5	5
0.005667	0	5	0	0	0	5
0.069529	0	0	0	0	0	0
0.061468	0	0	0	0	0	0
0.051086	0	0	0	0	0	0
0.058634	0	0	0	0	0	0
0.040792	0	0	0	1	0	1
0.033524	0	0	0	0	0	0
0.035484	0	0	0	0	0	0
0.05165	0	0	0	0	0	0
0.029581	0	0	0	0	0	0
0.060073	0	0	0	0	0	0
0.087619	0	0	0	0	0	0
0.026927	0	0	0	0	0	0
0.016754	0	0	0	0	0	0
0.036539	0	0	0	0	0	0
0.033436	0	0	0	0	0	0
0.048357	0	0	0	0	0	0
0.0496	0	0	0	0	0	0
0.076809	0	0	0	0	0	0
0.066616	0	0	0	0	0	0
0.080451	0	0	0	0	0	0
0.04928	0	0	0	0	0	0
0.020884	0	0	0	0	0	0
0.013472	0.03	0	0	0	0	0
0.021428	0	0	0	0	0	0
0.003092	0	0	0	0	0	0
0.003564	0	0	0	0	0	0
0.019481	0	0	0	0	0	0
0.017235	0	0	0	0	0	0
0.008806	0	0	0	0	0	0
0.00571	0	0	0	0	0	0
0.083824	0	0	0	0	0	0
0.037493	0	0	0	0	0	0
0.063766	0	0	0	0	0	0
0.03308	0	0	0	0	0	0
0.018926	0	0	0	0	0	0
0.115654	0	0	0	0	0	0
0.027359	0	0	0	0	0	0
0.043033	0	0	0	0	0	0
0.031878	0	0	0	0	0	0

0.030718	0	0	0	0	0	0
0.075484	0	0	0	0	0	0
0.25607	0	0	0	0	0	0
0.177515	0	0	0	0	0	0
0.05167	0	0	0	0	0	0
0.026947	0.02	0	0	0	0	0
0.083291	0	0	0	0	0	0
0.050837	0	0	0	0	0	0
0.005354	0	0	0	0	0	0
0.004053	0	0	0	0	0	0
0.00379	0	0	0	0	0	0
0.007667	0	0	0	0	0	0
0.007286	0	0	0	0	0	0
0.005524	0	0	0	0	0	0
0.008287	0	0	0	0	0	0
0.003717	0	0	0	0	0	0
0.032455	0	0	0	0	0	0
0.190958	0	0	0	0	0	0
0.047168	0	0	0	0	0	0
0.155216	0	0	0	0	0	0
0.075988	0	0	0	0	0	0
0.06947	0	0	0	0	0	0
0.063698	0	0	0	0	0	0
0.109508	0	0	0	0	0	0
0.053306	0	0	0	0	0	0
0.031657	0	0	0	0	0	0
0.19131	0	0	0	0	0	0
0.057902	0	0	0	0	0	0
0.058693	0	0	0	0	0	0
0.050791	0	0	0	0	0	0
0.096882	0	0	0	0	0	0
0.081682	0	0	0	0	0	0
0.056849	0	0	0	0	0	0
0.072607	0	0	0	0	0	0
0.046659	0	0	0	0	0	0
0.042477	0	0	0	0	0	0
0.031849	0	0	0	0	0	0
0.065133	0	0	0	0	0	0
0.050146	0	0	0	0	0	0
0.079505	0	0	0	0	0	0
0.859613	0	0	0	0	0	0
0.71337	0.07	0	1	0	0	1
0.039102	0	0	0	0	0	0
0.014125	0	0	0	0	0	0
0.150137	0	0	0	0	0	0
0.242866	0	0	0	0	0	0
0.050957	0	0	0	0	0	0
0.033613	0	0	0	0	0	0
0.028597	0	0	0	0	0	0
0.031919	0	0	0	0	0	0



0.020917	0	0	0	0	0	0
0.027349	0	0	0	0	0	0
0.028716	0	0	0	0	0	0
0.030846	0	0	0	0	0	0
0.943536	0	0	0	0	0	0
0.080174	0	0	0	0	0	0
0.028136	0	0	0	0	0	0
0.045514	0	0	0	0	0	0
0.041546	0	0	0	0	0	0
0.028364	0	0	0	0	0	0
0.035652	0	0	0	0	0	0
0.027787	0	0	0	0	0	0
0.038824	0	0	0	0	0	0
0.058442	0	0	0	0	0	0
0.028468	0	0	0	0	0	0
0.071734	0	0	0	0	0	0
0.030255	0	0	0	0	0	0
0.027889	0	0	0	0	0	0
0.029736	0	0	0	0	0	0
0.159211	0	0	0	0	0	0
0.069612	0	0	0	0	0	0
0.052586	0	0	0	0	0	0
0.050181	0	0	0	0	0	0
0.049268	0	0	0	0	0	0
0.072964	0	0	0	0	0	0
0.046605	0	0	0	0	0	0
0.035362	0	0	0	0	0	0
0.052363	0	0	0	0	0	0
0.034128	0	0	0	0	0	0
0.02571	0	0	0	0	0	0
0.02787	0	0	0	0	0	0
0.045472	0	0	0	0	0	0
0.052118	0	0	0	0	0	0
0.040061	0	0	0	0	0	0
0.022249	0	0	0	0	0	0
0.025387	0	0	0	0	0	0
0.037059	0	0	0	0	0	0
0.024061	0	0	0	0	0	0
0.060126	0	0	0	0	0	0
0.035749	0	0	0	0	0	0
0.028457	0	0	0	0	0	0
0.307037	0.1	0	0	0	0	0
0.025862	0	0	0	0	0	0
0.051252	0	0	0	0	0	0
0.058147	0	0	0	0	0	0
0.069258	0	0	0	0	0	0
0.05282	0	0	0	0	0	0
0.042145	0	0	0	0	0	0
0.031888	0	0	0	0	0	0
0.036989	0	0	0	0	0	0

0.038972	0	0	0	0	0	0
0.045642	0	0	0	0	0	0
0.036839	0	0	0	0	0	0
0.054327	0	0	0	0	0	0
0.031667	0	0	0	0	0	0
0.039192	0	0	0	0	0	0
0.028314	0	0	0	0	0	0
0.021216	0	0	0	0	0	0
0.033902	0	0	0	0	0	0
0.029838	0	0	0	0	0	0
0.050032	0	0	0	0	0	0
0.084883	0	0	0	0	0	0
0.090897	0	0	0	0	0	0
0.011841	0	0	0	0	0	0
0.017833	0	0	0	0	0	0
0.028529	0	0	0	0	0	0
0.022522	0	0	0	0	0	0
0.009436	0	0	0	0	0	0
0.010308	0	0	0	0	0	0
0.035417	0	0	0	0	0	0
0.021	0	0	0	0	0	0
0.051369	0	0	0	0	0	0
0.01866	0	0	0	0	0	0
0.147095	0	0	0	0	0	0
0.05651	0	0	0	0	0	0
0.060295	0	0	0	0	0	0
0.031736	0	0	0	0	0	0
0.054448	0	0	0	0	0	0
0.038923	0	0	0	0	0	0
0.131413	0	0	0	0	0	0
0.052961	0	0	0	0	0	0
0.048942	0	0	0	0	0	0
0.037403	0	0	0	0	0	0
0.054433	0	0	0	0	0	0
0.036704	0	0	0	0	0	0
0.135959	0	0	0	0	0	0
0.048382	0	0	0	0	0	0
0.052903	0	0	0	0	0	0
0.077848	0	0	0	0	0	0
0.082865	0	0	0	0	0	0
0.035177	0	0	0	0	0	0
0.050033	0	0	0	0	0	0
0.031651	0	0	0	0	0	0
0.097346	0	0	0	0	0	0
0.055052	0	0	0	0	0	0
0.133061	0	0	0	0	0	0
0.242723	0	0	0	0	0	0
0.072718	0	0	0	0	0	0
0.054245	0	0	0	0	0	0
0.071775	0	0	0	0	0	0

0.049313	0	0	0	0	0	0
0.073446	0	0	0	0	0	0
0.280827	0	0	0	0	0	0
0.063026	0	0	0	0	0	0
0.027181	0	0	0	0	0	0
0.059301	0	0	0	0	0	0
0.040097	0	0	0	0	0	0
0.038348	0	0	0	0	0	0
0.052308	0	0	0	0	0	0
0.04589	0	0	0	0	0	0
0.036671	0	0	0	0	0	0
0.080943	0	0	0	0	0	0
0.021204	0	0	0	0	0	0
0.030723	0	0	0	0	0	0
0.032174	0	0	0	0	0	0
0.06199	0	0	0	0	0	0
0.0432	0	0	0	0	0	0
0.031677	0	0	0	0	0	0
0.016123	0	0	0	0	0	0
0.06182	0	0	0	0	0	0
0.057692	0	0	0	0	0	0
0.01988	0	0	0	0	0	0
0.022063	0	0	0	0	0	0
0.014291	0	0	0	0	0	0
0.007314	0	0	0	0	0	0
0.009974	0	0	0	0	0	0
0.023258	0	0	0	0	0	0
0.030766	0	0	0	0	0	0
0.019315	0	0	0	0	0	0
0.012751	0	0	0	0	0	0
0.008886	0	0	0	0	0	0
0.008105	0	0	0	0	0	0
0.012556	0	0	0	0	0	0
0.009324	0	0	0	0	0	0
0.004915	0	0	0	0	0	0
0.003263	0	0	0	0	0	0
0.002696	0	0	0	0	0	0
0.004761	0	0	0	0	1	1
0.002952	0	0	0	0	0	0
0.003101	0	0	0	0	0	0
0.002856	0	0	0	0	0	0
0.002129	0	0	0	0	0	0
0.00243	0	0	0	0	0	0
0.004048	0	0	0	0	0	0
0.003833	0	0	0	0	0	0
0.014145	0	0	0	0	0	0
0.016616	0	0	0	0	0	0
0.015709	0	0	0	0	0	0
0.018904	0	0	0	0	0	0
0.03068	0	0	0	0	0	0

0.021009	0	0	0	0	0	0
0.018219	0	0	0	0	0	0
0.008528	0	0	0	0	0	0
0.00785	0	0	0	0	0	0
0.007121	0	0	0	0	0	0
0.012304	0	0	0	0	0	0
0.007568	0	0	0	0	0	0
0.042058	0	0	0	0	0	0
0.019158	0	0	0	0	0	0
0.006191	0	0	0	0	0	0
0.068253	0	0	0	0	0	0
0.058825	0	0	0	0	0	0
0.000556	0	1	0	0	0	1
0.000299	0	0	0	0	0	0
0.001055	0	0	0	0	0	0
0.014084	0	0	0	0	0	0
0.010265	0	0	0	0	0	0
0.006244	0	0	0	0	0	0
0.009672	0	0	0	0	0	0
0.009706	0	0	0	0	0	0
0.006616	0	0	0	0	0	0
0.006175	0	0	0	0	0	0
0.006064	0	0	0	0	0	0
0.025877	0	0	0	0	0	0
0.039452	0	0	0	0	0	0
0.044531	0	0	0	0	0	0
0.039267	0	0	0	0	0	0
0.04078	0	0	0	0	0	0
0.040456	0	0	0	0	0	0
0.051176	0	0	0	0	0	0
0.09187	0	0	0	0	0	0
0.057538	0	0	0	0	0	0
0.052863	0	0	0	0	0	0
0.069552	0	0	0	0	0	0
0.035813	0	0	0	0	0	0
0.035486	0	0	0	0	0	0
0.01539	0	0	0	0	0	0
0.024322	0	0	0	0	0	0
0.006341	0	0	0	0	0	0
0.012547	0	0	0	0	0	0
0.019757	0	0	0	0	0	0
0.039688	0	0	0	0	0	0
0.032412	0	0	0	0	0	0
0.021476	0	0	0	0	0	0
0.013295	0	0	0	0	0	0
0.008837	0	0	0	0	0	0
0.020471	0	0	0	0	0	0
0.004597	0	0	0	0	0	0
0.034966	0	0	0	0	0	0
0.012424	0	0	0	0	0	0

0.050605	0	0	0	0	0	0
0.040318	0	0	0	0	0	0
0.016292	0	0	0	0	0	0
0.02015	0	0	0	0	0	0
0.019116	0	0	0	0	0	0
0.009583	0	0	0	0	0	0
0.020885	0	0	0	0	0	0
0.025865	0	0	0	0	0	0
0.007996	0	0	0	0	0	0
0.010512	0	0	0	0	0	0
0.015239	0	0	0	0	0	0
0.021938	0	0	0	0	0	0
0.08323	0	0	0	0	0	0
0.070109	0	0	0	0	0	0
0.080207	0.03	0	0	0	0	0
0.009134	0	0	0	0	0	0
0.057511	0.04	0	0	0	0	0
0.025445	0.01	0	0	0	0	0
0.120812	0	0	0	0	0	0
0.006935	0	0	0	0	0	0
0.010048	0	0	0	0	0	0
0.008655	0	0	0	0	0	0
0.008696	0	0	0	0	0	0
0.009572	0	0	0	0	0	0
0.013671	0	0	0	0	0	0
0.009386	0	0	0	0	0	0
0.005884	0	0	0	0	0	0
0.011283	0	3	0	0	0	3
0.013183	0	0	0	0	0	0
0.010488	0	0	0	0	0	0
0.010049	0	0	0	0	0	0
0.010499	0	0	0	0	0	0
0.008322	0	0	0	0	0	0
0.01197	0	0	0	0	0	0
0.070938	0	0	5	17	0	22
0.170505	0	0	4	0	0	4
0.0324	0	0	0	0	0	0
0.207709	0	0	7	7	0	14
0.044297	0	0	0	0	0	0
0.021601	0	0	0	0	0	0
0.056837	0	0	0	0	0	0
0.019628	0	0	0	0	0	0
0.017496	0	0	0	0	0	0
0.014898	0	0	0	0	0	0
0.007235	0	0	0	0	0	0
0.005032	0	0	0	0	0	0
0.023477	0	0	0	0	0	0
0.018959	0	0	0	0	0	0
0.030371	0	0	0	0	0	0
0.012069	0	0	0	0	0	0

0.040549	0	0	0	0	0	0
0.075741	0	0	0	0	0	0
0.027573	0	0	0	0	0	0
0.046993	0	0	0	0	0	0
0.103256	0	0	0	0	0	0
0.026681	0	0	0	0	0	0
0.029597	0	0	0	0	0	0
0.028056	0	0	0	0	0	0
0.037875	0	0	0	0	0	0
0.02028	0	0	0	0	0	0
0.012343	0	0	0	0	0	0
0.013587	0	0	0	0	0	0
0.01618	0	0	0	0	0	0
0.040891	0	0	0	0	0	0
0.006202	0	0	0	0	0	0
0.007497	0	0	0	0	0	0
0.003853	0	0	0	0	0	0
0.021315	0	0	0	0	0	0
0.095169	0	0	0	0	0	0
0.003065	0	0	0	0	0	0
0.001242	0	0	0	0	0	0
0.000988	0	0	0	0	0	0
0.003003	0	0	0	0	0	0
0.001391	0	0	0	0	0	0
0.005654	0	0	0	1	0	1
0.005938	0	0	0	0	0	0
0.050727	0	0	0	0	0	0
0.080458	0	0	0	0	0	0
0.071504	0	0	0	0	0	0
0.132633	0	0	0	0	0	0
0.07028	0	0	0	0	0	0
0.065101	0	0	0	0	0	0
0.021666	0	0	0	0	0	0
0.071899	0	0	0	0	0	0
0.035809	0	0	0	0	0	0
0.119914	0	0	0	0	0	0
0.150226	0	0	0	0	0	0
0.049139	0	0	0	0	0	0
0.058468	0	0	0	0	0	0
0.145225	0	0	0	0	0	0
0.088532	0	0	0	0	0	0
0.160628	0	0	0	0	4	4
0.016009	0	0	0	0	0	0
0.007665	0	0	0	0	0	0
0.019262	0	0	0	0	0	0
0.008154	0	0	0	0	0	0
0.001044	0	0	0	0	0	0
0.00193	0	0	0	0	0	0
0.000744	0	0	0	0	0	0
0.001576	0	0	0	0	0	0

0.036519	0	0	0	0	0	0
0.020187	0	0	4	4	0	8
0.008291	0	0	0	0	0	0
0.033515	0	0	0	0	0	0
0.039248	0	0	0	0	0	0
0.019792	0	0	0	0	0	0
0.01126	0	0	0	0	0	0
0.012949	0	0	0	0	0	0
0.006608	0	0	0	0	0	0
0.025785	0	0	0	0	0	0
0.006448	0	0	0	0	0	0
0.010052	0	0	0	0	0	0
0.058385	0	0	0	0	0	0
0.025941	0	0	0	1	6	7
0.029363	0	6	0	0	0	6
0.005456	0	0	0	0	0	0
0.011262	0	0	0	0	0	0
0.008178	0	0	0	0	0	0
0.03267	0	0	0	0	0	0
0.065154	0	0	0	0	0	0
0.000732	0	0	0	0	0	0
0.103185	0.07	0	0	44	1	45
0.597403	0.21	0	0	0	0	0
0.045821	0	0	0	0	0	0
0.033534	0	0	0	0	0	0
0.01813	0	0	0	0	0	0
0.036885	0	0	0	0	0	0
0.030249	0	0	0	0	0	0
0.03207	0	0	0	0	0	0
0.045603	0	0	0	0	0	0
0.052726	0	0	0	0	0	0
0.032937	0	0	0	0	0	0
0.025809	0	0	0	0	0	0
0.100915	0	0	0	0	0	0
0.043097	0	0	0	0	0	0
0.087374	0	0	0	0	0	0
0.055713	0	0	0	0	0	0
0.052892	0	0	0	0	0	0
0.133266	0	0	0	0	0	0
0.051516	0	0	0	0	0	0
0.047011	0	0	0	0	0	0
0.101405	0	0	0	0	0	0
0.049478	0	0	0	0	0	0
0.004263	0	0	0	0	0	0
0.053082	0	0	1	1	0	2
0.001823	0	0	0	0	0	0
0.001612	0	0	0	0	0	0
0.000498	0	0	0	0	0	0
0.017254	0	0	0	0	0	0
0.003329	0	0	0	0	0	0

0.000975	0.01	0	0	0	0	0
0.005346	0.01	0	0	0	0	0
0.008104	0	0	0	0	0	0
0.022481	0.06	0	0	0	0	0
0.001836	0	0	0	0	0	0
0.001593	0	0	0	0	0	0
0.001691	0	0	0	0	0	0
0.000911	0	0	0	0	0	0
0.001086	0	0	0	0	0	0
0.0008	0	0	0	0	0	0
0.000865	0	0	0	0	0	0
0.00361	0	0	0	0	0	0
0.008585	0	0	0	0	0	0
0.014777	0	0	0	0	0	0
0.003999	0	0	0	0	0	0
0.052315	0	0	0	0	0	0
0.005181	0	0	0	0	0	0
0.005354	0	0	0	0	0	0
0.002726	0	0	0	0	0	0
0.024337	0	0	0	0	0	0
0.004254	0	0	0	0	0	0
0.002957	0	0	0	0	0	0
0.002349	0	0	0	0	6	6
0.004768	0	6	0	0	0	6
0.010568	0	0	0	0	0	0
0.003463	0	0	0	0	0	0
0.023164	0	0	0	0	0	0
0.007616	0	0	0	0	0	0
0.116101	0.1	0	0	0	0	0
0.015813	0.06	0	2	10	0	12
0.001561	0.01	0	0	0	0	0
0.005289	0.02	0	0	0	0	0
0.001132	0	0	0	0	0	0
0.019388	0	0	0	0	0	0
0.092118	0	0	0	0	0	0
0.037293	0	0	0	0	0	0
0.049266	0	0	0	0	0	0
0.028513	0	0	0	0	0	0
0.004758	0	0	0	0	0	0
0.00159	0.01	0	0	0	0	0
0.011934	0	0	0	0	0	0
0.010627	0	0	0	0	0	0
0.027253	0	0	0	0	0	0
0.046697	0	0	0	0	0	0
0.160334	0	0	0	0	0	0
0.022968	0	0	0	0	0	0
0.025763	0	0	0	0	0	0
0.023882	0	0	0	0	0	0
0.026635	0	0	0	0	0	0
0.013954	0	0	0	0	0	0



0.086671	0	0	0	0	0	0
0.081208	0	0	0	0	0	0
0.025368	0	0	0	0	0	0
0.013279	0	0	0	0	0	0
0.064083	0	0	0	0	0	0
0.032033	0	0	0	0	0	0
0.041653	0	0	0	0	0	0
0.033633	0	0	0	0	0	0
0.346932	0	0	0	0	0	0
0.013831	0	0	0	0	0	0
0.057228	0	0	0	0	0	0
0.088202	0.02	0	0	0	0	0
0.005846	0	0	0	0	0	0
0.016715	0	0	0	0	0	0
0.007071	0	0	0	0	0	0
0.010335	0	0	0	0	0	0
0.005903	0	0	0	0	0	0
0.005076	0	0	0	0	0	0
0.006108	0	0	0	0	0	0
0.002922	0	0	0	0	3	3
0.038244	0	0	0	0	0	0
0.012822	0.01	0	0	0	0	0
0.022098	0	0	0	0	0	0
0.014218	0.02	0	0	0	0	0
0.021217	0.03	0	0	0	0	0
0.01637	0	0	0	0	0	0
0.009103	0	0	0	0	0	0
0.008879	0	0	0	0	0	0
0.012791	0	0	0	0	0	0
0.002502	0	0	0	0	0	0
0.003678	0	0	0	0	0	0
0.012088	0	0	0	0	0	0
0.004797	0	0	0	0	0	0
0.006816	0	0	0	0	0	0
0.009785	0	0	0	0	0	0
0.034299	0	0	0	0	0	0
0.459602	0	0	0	0	0	0
0.568355	0	0	0	0	0	0
0.004281	0	0	0	0	0	0
0.003408	0	0	0	0	0	0
0.002296	0	0	0	0	0	0
0.0029	0	0	0	0	0	0
0.028593	0	0	0	0	0	0
0.024304	0	0	0	0	0	0
0.006202	0	0	0	0	0	0
0.003829	0	0	0	0	0	0
0.04736	0	0	0	0	0	0
0.209539	0	0	0	0	0	0
0.033778	0	0	0	0	0	0
0.09691	0	0	0	0	0	0

0.063129	0	0	0	0	0	0
0.132894	0	0	0	0	0	0
0.023874	0	0	0	0	0	0
0.063602	0	0	0	0	0	0
0.044457	0	0	0	0	0	0
0.008556	0	0	0	0	0	0
0.020402	0	0	0	0	0	0
0.010577	0	0	0	0	0	0
0.012964	0	0	0	0	0	0
0.009976	0	0	0	0	0	0
0.013184	0	0	0	0	0	0
0.010319	0	0	0	0	0	0
0.014601	0	0	0	0	0	0
0.093264	0	0	0	0	0	0
0.022254	0	0	0	0	0	0
0.019008	0	0	0	0	0	0
0.048907	0	0	0	0	0	0
0.140419	0	0	0	0	0	0
0.055374	0	0	0	0	0	0
0.003576	0	0	0	0	0	0
0.003888	0	0	0	0	0	0
0.01054	0	0	0	0	0	0
0.011259	0	0	0	0	0	0
0.008313	0	0	0	0	0	0
0.020104	0	0	0	0	0	0
0.015214	0	0	0	0	0	0
0.007824	0	0	0	0	0	0
0.02459	0	0	0	0	0	0
0.032608	0	0	0	0	0	0
0.005779	0	0	0	0	0	0
0.034278	0	0	0	0	0	0
0.435145	0	0	0	0	0	0
0.154452	0	0	0	0	0	0
0.282354	0	0	0	0	0	0
0.058057	0	0	0	0	0	0
0.227515	0	0	0	0	0	0
0.035911	0	0	0	0	0	0
0.02671	0	0	0	0	0	0
0.011703	0	0	0	0	0	0
0.008505	0	0	0	0	0	0
0.005917	0	0	0	0	0	0
0.010383	0	0	0	0	0	0
0.063923	0	0	0	0	0	0
0.014978	0	0	0	0	0	0
0.021492	0	0	0	0	0	0
0.002326	0	0	0	0	0	0
0.014658	0	0	0	0	0	0
0.015076	0	0	0	0	0	0
0.051209	0	0	0	0	0	0
0.046474	0	0	0	0	0	0

0.028808	0	0	0	0	0	0
0.013973	0	0	0	0	0	0
0.00574	0	0	0	0	0	0
0.003708	0	0	0	0	0	0
0.009171	0	0	0	0	0	0
0.008138	0	0	0	0	0	0
0.005394	0	0	0	0	0	0
0.009576	0	0	0	0	0	0
0.013681	0	0	0	0	0	0
0.002457	0	0	0	0	0	0
0.001539	0	0	0	0	0	0
0.011787	0	0	0	0	0	0
0.005877	0	0	0	0	0	0
0.009419	0	0	0	0	0	0
0.005842	0	0	0	0	0	0
0.012124	0	0	0	0	0	0
0.005661	0	0	0	0	0	0
0.00688	0	0	0	0	0	0
0.006825	0	0	0	0	0	0
0.006026	0	0	0	0	0	0
0.051038	0	0	0	0	0	0
0.023215	0	0	0	0	0	0
0.014312	0	0	0	0	0	0
0.021601	0	0	0	0	0	0
0.016601	0	0	0	0	0	0
0.015931	0	0	0	0	0	0
0.013409	0	0	0	0	0	0
0.024034	0	0	0	0	0	0
0.034573	0	0	0	0	0	0
0.046826	0	0	0	0	0	0
0.013135	0	0	0	0	0	0
0.015743	0	0	0	0	0	0
0.015937	0	0	0	0	0	0
0.016073	0	0	0	0	0	0
0.011485	0	0	0	0	0	0
0.01102	0	0	0	0	0	0
0.012794	0	0	0	0	0	0
0.000778	0	0	0	0	0	0
0.002648	0	0	0	0	0	0
0.000877	0	0	0	3	0	3
0.014183	0	0	0	0	0	0
0.002395	0	0	0	0	3	3
0.005218	0	3	0	0	0	3
0.051806	0	0	0	0	0	0
0.062171	0	0	0	0	0	0
0.041244	0	0	0	0	0	0
0.100683	0	0	0	0	0	0
0.045346	0	0	0	0	0	0
0.056428	0	0	0	0	0	0
0.040608	0	0	0	0	0	0

0.031702	0	0	0	0	0	0
0.063364	0	0	0	0	0	0
0.079381	0	0	0	0	0	0
0.043946	0	0	0	0	0	0
0.057449	0	0	0	0	0	0
0.109919	0	0	0	0	0	0
0.058564	0	0	0	0	0	0
0.967972	0	0	0	0	0	0
0.878924	0	0	0	0	0	0
0.051101	0	2	0	0	0	2
0.04521	0	0	0	0	0	0
0.010257	0	0	0	0	0	0
0.008878	0	0	0	0	0	0
0.126418	0.01	0	0	0	0	0
0.01067	0	0	0	0	0	0
0.007173	0	0	0	0	0	0
0.006819	0	0	0	0	0	0
0.015977	0	0	0	0	0	0
0.022566	0	0	0	0	0	0
0.021206	0	0	0	0	0	0
0.011393	0	0	0	0	0	0
0.024001	0	0	0	0	0	0
0.026252	0	0	0	0	0	0
0.012907	0	0	0	0	0	0
0.072072	0.11	0	0	0	0	0
0.39975	0	0	0	0	0	0
0.149599	0	0	0	0	0	0
0.098391	0	0	0	0	0	0
0.068867	0	0	0	0	0	0
0.039534	0	0	0	0	0	0
0.046069	0	0	0	0	0	0
0.671552	0	0	0	0	0	0
0.664963	0.11	0	0	0	0	0
0.073257	0	0	0	0	0	0
0.014271	0	0	0	0	0	0
0.032039	0	0	0	0	0	0
0.025123	0	0	0	0	0	0
0.023564	0	0	0	0	0	0
0.035229	0	0	0	0	0	0
0.0351	0	0	0	0	0	0
0.046086	0	0	0	0	0	0
0.055588	0.03	0	0	0	0	0
0.036761	0	0	7	7	1	15
0.02026	0	0	0	0	0	0
0.053425	0	0	0	0	0	0
0.022471	0	0	0	0	0	0
0.030182	0	0	0	0	0	0
0.03614	0	0	0	0	0	0
0.01859	0	0	0	0	0	0
0.025565	0	0	0	0	0	0

0.031849	0	0	0	0	0	0
0.015818	0	0	0	0	0	0
0.016232	0	0	0	0	0	0
0.033936	0	0	0	0	0	0
0.027464	0	0	0	0	0	0
0.050521	0	0	0	0	0	0
0.021586	0	0	0	0	0	0
0.027159	0	0	0	0	0	0
0.045968	0	0	0	0	0	0
0.032135	0	0	0	0	0	0
0.028194	0	0	0	0	0	0
0.034041	0	0	0	0	0	0
0.013661	0	0	0	0	0	0
0.202779	0	0	0	0	0	0
0.038392	0	0	0	0	0	0
0.038464	0	0	0	0	0	0
0.023762	0	0	0	0	0	0
0.024616	0	0	0	0	0	0
0.030548	0	0	0	0	0	0
0.02535	0	0	0	0	0	0
0.01949	0	0	0	0	0	0
0.991606	0	0	0	0	0	0
0.266689	0	0	0	0	0	0
0.025949	0	0	0	0	0	0
0.038542	0	0	0	0	0	0
0.094705	0	0	0	0	0	0
0.017183	0	0	0	0	0	0
0.047768	0	0	0	0	0	0
0.019514	0	0	0	0	0	0
0.017844	0	0	0	0	0	0
0.059721	0	0	0	0	0	0
0.038516	0	0	0	0	0	0
0.054525	0	0	0	0	0	0
0.039102	0	0	0	0	0	0
0.037753	0	0	0	0	0	0
0.026157	0	0	0	0	0	0
0.020993	0	0	0	0	0	0
0.025844	0	0	0	0	0	0
0.025498	0	0	0	0	0	0
0.024445	0	0	0	0	0	0
0.023906	0	0	0	0	0	0
0.018391	0	0	0	0	0	0
0.036994	0	0	0	0	0	0
0.024045	0	0	0	0	0	0
0.008126	0	0	0	0	0	0
0.034172	0	0	0	0	0	0
0.024331	0	0	0	0	0	0
0.049137	0	0	0	0	0	0
0.030651	0	0	0	0	0	0
0.028039	0	0	0	0	0	0

0.020215	0	0	0	0	0	0
0.014252	0	0	0	0	0	0
0.067524	0	0	0	0	0	0
0.042649	0	0	0	0	0	0
0.045196	0	0	0	0	0	0
0.027439	0	0	0	0	0	0
0.030075	0	0	0	0	0	0
0.029703	0	0	0	0	0	0
0.04587	0.06	0	0	0	0	0
0.058138	0	0	0	0	0	0
0.030518	0	0	0	0	0	0
0.02273	0	0	0	0	0	0
0.038379	0	0	0	0	0	0
0.022543	0	0	0	0	0	0
0.019074	0	0	0	0	0	0
0.019301	0	0	0	0	0	0
0.017101	0	0	0	0	0	0
0.019419	0	0	0	0	0	0
0.008638	0	0	0	0	0	0
0.002579	0	0	0	0	0	0
0.007627	0	0	0	0	0	0
0.009598	0	0	3	0	0	3
0.02449	0	0	0	0	0	0
0.003857	0	0	0	0	0	0
0.004359	0	0	0	0	0	0
0.003604	0	0	0	0	0	0
0.002522	0	0	0	0	0	0
0.002714	0	0	0	0	0	0
0.002582	0	0	0	0	0	0
0.00249	0	0	0	0	0	0
0.061137	0	0	0	0	0	0
0.043906	0	0	0	0	0	0
0.058204	0	0	0	0	0	0
0.086281	0	0	0	0	0	0
0.05049	0	0	0	0	0	0
0.042307	0	0	0	0	0	0
0.028608	0	0	0	0	0	0
0.065599	0	0	0	0	0	0
0.034691	0	0	0	0	0	0
0.050662	0	0	0	0	0	0
0.152461	0	0	0	0	0	0
0.022655	0	0	0	0	0	0
0.029504	0	0	0	0	0	0
0.014185	0	0	0	0	0	0
0.018992	0	0	0	0	0	0
0.015528	0	0	0	0	0	0
0.021284	0	0	0	0	0	0
0.042801	0	0	0	0	0	0
0.012412	0	0	0	0	0	0
0.036551	0	0	0	0	0	0

0.041666	0	0	0	0	0	0
0.010377	0	0	0	0	0	0
0.007449	0	0	0	0	0	0
0.009264	0	0	0	0	0	0
0.005071	0	0	0	0	0	0
0.004158	0	0	0	0	0	0
0.004249	0	0	0	0	0	0
0.004029	0	0	0	0	0	0
0.005556	0	0	0	0	0	0
0.005918	0	0	0	0	0	0
0.005358	0	0	0	0	0	0
0.007686	0	0	0	0	0	0
0.006966	0	0	0	0	0	0
0.006002	0	0	0	0	0	0
0.008243	0	0	0	0	0	0
0.003325	0	0	0	0	0	0
0.314084	0	0	0	0	0	0
0.063194	0	0	0	0	0	0
0.079434	0	0	0	0	0	0
0.040049	0	0	0	0	0	0
0.060073	0	0	0	0	0	0
0.063453	0	0	0	0	0	0
0.041178	0	0	0	0	0	0
0.058893	0	0	0	0	0	0
0.047312	0	0	0	0	0	0
0.063036	0	0	0	0	0	0
0.067743	0	0	0	0	0	0
0.064616	0	0	0	0	0	0
0.054361	0	0	0	0	0	0
0.061196	0	0	0	0	0	0
0.034137	0	0	0	0	0	0
0.05245	0	0	0	0	0	0
0.021106	0	0	0	0	0	0
0.095121	0	0	0	0	0	0
0.092414	0.07	0	0	0	0	0
0.061798	0	0	0	0	0	0
0.014238	0	0	0	0	0	0
0.019601	0	0	0	0	0	0
0.018294	0	0	0	0	0	0
0.01049	0	0	0	0	0	0
0.014167	0	0	0	0	0	0
0.012911	0	0	0	0	0	0
0.008323	0	0	0	0	0	0
0.009422	0	0	0	0	0	0
0.00839	0	0	0	0	0	0
0.058613	0.08	0	0	0	0	0
0.039518	0	0	0	0	0	0
0.008221	0	0	0	0	0	0
0.085959	0	0	0	0	0	0
0.024791	0	0	0	0	0	0

0.00871	0	0	0	0	0	0
0.014509	0	0	0	0	0	0
0.006364	0	0	0	0	0	0
0.048644	0	0	0	0	0	0
0.04167	0	0	0	0	0	0
0.060121	0	0	0	0	0	0
0.051493	0	0	0	0	0	0
0.049771	0	0	0	0	0	0
0.013986	0	0	0	0	0	0
0.034875	0	0	0	0	0	0
0.008754	0	0	0	0	0	0
0.004335	0	0	0	0	0	0
0.005093	0	0	0	0	0	0
0.012945	0	0	0	0	0	0
0.015185	0	0	0	0	0	0
0.022345	0	0	0	0	0	0
0.052053	0	0	0	0	0	0
0.019265	0	0	0	0	0	0
0.0246	0	0	0	0	0	0
0.018272	0	0	0	0	0	0
0.009453	0	0	0	0	0	0
0.011827	0	0	0	0	0	0
0.00641	0	0	0	0	0	0
0.006745	0	0	0	0	0	0
0.008781	0	0	0	0	0	0
0.003028	0	0	0	0	0	0
0.01178	0	0	0	0	0	0
0.011476	0	0	0	0	0	0
0.194172	0	0	0	5	0	5
0.187334	0	0	0	0	0	0
0.014184	0	0	0	0	0	0
0.010202	0	0	0	0	0	0
0.014128	0	0	0	0	0	0
0.045278	0	0	0	0	0	0
0.023822	0	0	0	0	0	0
0.029945	0	0	0	0	0	0
0.028852	0	0	0	0	0	0
0.031656	0	0	0	0	0	0
0.019498	0	0	0	0	0	0
0.024386	0	0	0	0	0	0
0.034609	0	0	0	0	0	0
0.070817	0	0	0	0	0	0
0.023893	0	0	0	0	0	0
0.043645	0	0	0	0	0	0
0.022712	0	0	0	0	0	0
0.025651	0	0	0	0	0	0
0.038979	0	0	0	0	0	0
0.029794	0	0	0	0	0	0
0.025584	0	0	0	0	0	0
0.036679	0	0	0	0	0	0



0.040328	0	0	0	0	0	0
0.376742	0	0	0	0	0	0
0.049292	0	0	0	0	0	0
0.0317	0	0	0	0	0	0
0.030974	0	0	0	0	0	0
0.056955	0	0	0	0	0	0
0.940326	0	0	0	0	0	0
0.901762	0	0	0	0	0	0
0.065463	0	0	0	0	0	0
0.018665	0	0	0	0	0	0
0.138556	0	0	0	0	0	0
0.037586	0	0	0	0	0	0
0.019596	0	0	0	0	0	0
0.020912	0	0	0	0	0	0
0.029486	0	0	0	0	0	0
0.024385	0	0	0	0	0	0
0.01694	0	0	0	0	0	0
0.043615	0	0	0	0	0	0
0.063835	0	0	0	0	0	0
0.030745	0	0	0	0	0	0
0.018666	0	0	0	0	0	0
0.009743	0	0	0	0	0	0
0.006372	0	0	0	0	0	0
0.0191	0	0	0	0	0	0
0.038965	0	0	0	0	0	0
0.014804	0	0	0	0	0	0
0.103668	0	0	0	0	0	0
0.043328	0	0	0	0	0	0
0.046492	0	0	0	0	0	0
0.035436	0	0	0	0	0	0
0.022225	0	0	0	0	0	0
0.025547	0	0	0	0	0	0
0.319374	0	0	0	0	0	0
0.187066	0	0	0	0	0	0
0.037031	0	0	0	0	0	0
0.029424	0	0	0	0	0	0
0.048922	0	0	0	0	0	0
0.171929	0	0	0	0	0	0
0.003731	0	0	0	0	0	0
0.001123	0	0	0	0	0	0
0.005443	0	0	0	0	0	0
0.00187	0	0	0	0	0	0
0.001812	0	0	0	0	0	0
0.005463	0	0	4	0	0	4
0.003913	0	0	0	0	0	0
0.003635	0	0	0	0	0	0
0.002717	0	0	0	0	0	0
0.003776	0	0	0	0	0	0
0.001886	0	0	0	0	0	0
0.002791	0	0	0	0	0	0

0.004573	0	0	0	0	0	0
0.001837	0	0	0	0	0	0
0.001261	0	0	0	0	0	0
0.001509	0	0	0	0	0	0
0.043919	0	0	0	0	0	0
0.00586	0	0	0	0	0	0
0.436755	0	0	0	0	0	0
0.010806	0	0	0	0	0	0
0.007494	0	0	0	0	0	0
0.02722	0	0	0	0	0	0
0.005324	0	0	0	0	0	0
0.036859	0	0	0	0	0	0
0.010437	0	0	0	0	0	0
0.029652	0	0	0	0	0	0
0.046665	0	0	0	0	0	0
0.005672	0	0	0	0	0	0
0.019828	0	0	0	0	0	0
0.010996	0	0	0	0	0	0
0.007154	0	0	0	0	0	0
0.005812	0	0	0	0	0	0
0.005559	0	0	0	0	0	0
0.010465	0	0	0	0	0	0
0.025417	0	0	0	0	0	0
0.010852	0	0	0	0	0	0
0.005511	0	0	0	0	0	0
0.044384	0	0	0	0	0	0
0.056392	0	0	0	0	0	0
0.051654	0	0	0	0	0	0
0.103352	0	0	0	0	0	0
0.633491	0	0	0	0	0	0
0.024228	0	0	0	0	0	0
0.053014	0	0	0	0	0	0
0.073556	0	0	0	0	0	0
0.048119	0	0	0	0	9	9
0.020647	0	9	0	0	2	11
0.020813	0.01	2	0	0	0	2
0.007126	0	0	0	0	0	0
0.00686	0	0	0	0	0	0
0.016117	0	0	0	0	0	0
0.009828	0	0	0	0	0	0
0.002296	0	0	0	0	0	0
0.005821	0	0	0	0	0	0
0.015414	0	0	0	0	0	0
0.026913	0	0	0	0	0	0
0.018183	0	0	0	0	0	0
0.011983	0	0	0	0	0	0
0.09234	0	0	0	0	0	0
0.018245	0	0	0	0	0	0
0.006564	0	0	0	0	1	1
0.023235	0	1	0	0	0	1

0.238945	0	0	0	0	0	0
0.04231	0	0	0	0	0	0
0.293369	0	0	0	0	0	0
0.03979	0	0	0	0	0	0
0.067948	0.01	0	0	0	0	0
0.01649	0	0	0	0	0	0
0.054903	0	0	0	0	0	0
0.02676	0	0	0	0	0	0
0.016251	0	0	0	0	0	0
0.012231	0	0	0	0	0	0
0.024765	0	0	0	0	0	0
0.023285	0	0	0	0	0	0
0.026277	0	0	0	0	0	0
0.074399	0	0	0	0	0	0
0.077944	0	0	0	0	0	0
0.030042	0	0	0	0	0	0
0.103493	0	0	0	0	0	0
0.100773	0	0	0	0	0	0
0.019446	0	0	0	0	1	1
0.009249	0	1	0	0	0	1
0.004355	0	0	0	0	0	0
0.007821	0	0	0	0	0	0
0.018826	0	0	0	0	0	0
0.080944	0	0	0	6	0	6
0.089397	0	0	0	0	0	0
0.024785	0	0	0	0	0	0
0.029784	0	0	0	0	0	0
0.026295	0	0	0	0	0	0
0.010512	0	0	0	0	2	2
0.033999	0	2	0	0	0	2
0.002161	0	0	0	0	0	0
0.000845	0	0	0	0	0	0
0.001624	0	0	0	0	0	0
0.042553	0	0	0	0	0	0
0.05234	0.02	0	4	0	0	4
0.034445	0	0	0	0	0	0
0.024688	0	0	0	0	0	0
0.012374	0	0	0	0	0	0
0.010437	0	0	0	0	0	0
0.006298	0	0	0	0	0	0
0.021519	0	0	0	0	0	0
0.010682	0	0	0	0	0	0
0.011859	0	0	0	0	0	0
0.018482	0	0	0	0	0	0
0.008761	0	0	0	0	0	0
0.01737	0	0	0	0	0	0
0.011739	0	0	0	0	0	0
0.052641	0	0	0	0	0	0
0.039439	0	0	0	0	0	0
0.007448	0	0	0	0	0	0

0.019663	0	0	0	0	0	0
0.011734	0	0	0	0	0	0
0.051121	0	0	0	0	0	0
0.10091	0	0	0	0	0	0
0.081976	0	0	0	0	0	0
0.175839	0	0	0	0	0	0
0.085811	0	0	0	0	0	0
0.031931	0	0	0	0	0	0
0.361973	0	0	0	0	0	0
0.044197	0	0	0	0	0	0
0.066509	0	0	0	0	0	0
0.058799	0	0	0	0	0	0
0.090202	0	0	0	0	0	0
0.103255	0	0	0	0	0	0
0.12504	0	0	0	0	0	0
0.155067	0	0	0	0	0	0
0.211568	0	0	0	0	0	0
0.109861	0	0	0	0	0	0
0.082255	0	0	0	0	0	0
0.035302	0	0	0	0	0	0
0.003225	0	0	0	0	0	0
0.009622	0	0	0	0	0	0
0.006371	0	0	0	0	0	0
0.024688	0	0	0	0	0	0
0.005298	0	0	0	0	0	0
0.053337	0	0	0	0	0	0
0.052589	0	0	0	0	0	0
0.014622	0.01	0	0	0	0	0
0.101644	0	0	0	0	0	0
0.121396	0	0	0	0	0	0
0.047945	0	0	0	0	0	0
0.048549	0	0	0	0	0	0
0.107109	0	0	0	0	0	0
0.035362	0	0	0	0	0	0
0.075461	0	0	0	0	0	0
0.25007	0	0	0	0	0	0
0.076285	0	0	0	0	0	0
0.079895	0	0	0	0	0	0
0.068789	0	0	0	0	0	0
0.06976	0	0	0	0	0	0
0.181876	0	0	0	0	0	0
0.025701	0	0	0	0	0	0
0.161107	0	0	0	0	0	0
0.149301	0	0	0	0	0	0
0.002001	0	0	0	0	0	0
0.000734	0	0	0	0	0	0
0.003642	0	0	0	0	0	0
0.000737	0	0	0	0	0	0
0.001931	0	0	0	0	0	0
0.001101	0	0	0	0	0	0

0.005283	0	0	0	0	0	0
0.006813	0	0	0	0	0	0
0.001527	0	0	0	0	0	0
0.089195	0.04	0	0	0	0	0
0.002816	0	0	0	0	0	0
0.002976	0	0	0	0	0	0
0.002711	0	0	0	0	0	0
0.001964	0	0	0	0	0	0
0.008335	0	0	0	0	0	0
0.0091	0	0	0	0	0	0
0.004353	0	0	0	0	0	0
0.006778	0	0	0	0	0	0
0.007236	0	0	0	0	0	0
0.005086	0	0	0	0	0	0
0.004075	0	0	0	0	0	0
0.004361	0	0	0	0	0	0
0.004146	0	0	0	0	0	0
0.003329	0	0	0	0	0	0
0.047261	0	0	0	0	0	0
0.041881	0	0	0	0	0	0
0.030605	0	0	0	0	0	0
0.029934	0	0	0	0	0	0
0.02984	0	0	0	0	0	0
0.01986	0	0	0	0	0	0
0.031324	0	0	0	0	0	0
0.020646	0	0	0	0	0	0
0.028832	0	0	0	0	0	0
0.026725	0	0	0	0	0	0
0.19191	0.01	0	0	0	0	0
0.043827	0	0	0	0	0	0
0.051207	0	0	0	0	0	0
0.034263	0	0	0	0	0	0
0.018383	0	0	0	0	0	0
0.014216	0	0	0	0	0	0
0.017963	0	0	0	0	0	0
0.012874	0	0	0	0	0	0
0.032928	0	0	0	0	0	0
0.022672	0	0	0	0	0	0
0.020354	0	0	0	0	0	0
0.050845	0	0	0	0	0	0
0.103324	0	0	0	0	0	0
0.03267	0	0	0	0	0	0
0.00996	0	0	0	0	0	0
0.01239	0	0	0	0	0	0
0.168649	0	0	0	0	0	0
0.021012	0	0	0	0	0	0
0.008264	0	0	0	0	0	0
0.041556	0	0	0	0	0	0
0.029485	0	0	0	0	0	0
0.0192	0	0	0	0	0	0

0.014356	0	0	0	0	0	0
0.039722	0	0	0	0	0	0
0.040638	0	0	0	0	0	0
0.038002	0	0	0	0	0	0
0.039205	0	0	0	0	0	0
0.052397	0	0	0	0	0	0
0.050176	0	0	0	0	0	0
0.053712	0	0	0	0	0	0
0.022593	0	0	0	0	0	0
0.032025	0	0	0	0	0	0
0.026718	0	0	0	0	0	0
0.029845	0	0	0	0	0	0
0.0196	0	0	0	0	0	0
0.027336	0	0	0	0	0	0
0.022569	0	0	0	0	0	0
0.025564	0	0	0	0	0	0
0.040633	0	0	0	0	0	0
0.066696	0	0	0	0	0	0
0.089012	0	0	0	0	0	0
0.073987	0	0	0	0	0	0
0.038384	0	0	0	0	0	0
0.073947	0	0	0	0	0	0
0.042415	0	0	0	0	0	0
0.041391	0	0	0	0	0	0
0.172609	0	0	0	0	0	0
0.056774	0	0	0	0	0	0
0.031472	0	0	0	0	0	0
0.040592	0	0	0	0	0	0
0.13592	0	0	0	0	0	0
0.08194	0	0	0	0	0	0
0.069701	0	0	0	0	0	0
0.073624	0	0	0	0	0	0
0.088196	0	0	0	0	0	0
0.039667	0	0	0	0	0	0
0.038556	0	0	0	0	0	0
0.059018	0	0	0	0	0	0
0.377183	0.08	0	0	0	0	0
0.093744	0	0	0	0	0	0
0.018368	0	0	0	0	0	0
0.58239	0	0	0	0	0	0
0.010202	0	0	0	0	0	0
0.043933	0	0	0	0	0	0
0.042768	0	0	0	0	0	0
0.055887	0	0	0	0	0	0
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0.041956	0	0	0	0	0	0
0.0286	0	0	0	0	0	0
0.019472	0	0	0	0	0	0
0.051347	0	0	0	0	0	0
0.049813	0	0	0	0	0	0

0.018417	0	0	0	0	0	0
0.017498	0	0	0	0	0	0
0.029037	0	0	0	0	0	0
0.056199	0	0	0	0	0	0
0.013547	0	0	0	0	0	0
0.019729	0	0	0	0	0	0
0.004633	0	0	0	0	0	0
0.004134	0	0	0	0	0	0
0.003562	0	0	0	0	0	0
0.190971	0	0	0	0	0	0
0.010421	0	0	0	0	0	0
0.017212	0	0	0	0	0	0
0.009093	0	0	0	0	0	0
0.02067	0	0	0	0	0	0
0.015294	0	0	0	0	0	0
0.012754	0	0	0	0	0	0
0.014835	0	0	0	0	0	0
0.013106	0	0	0	0	0	0
0.023853	0	0	0	0	0	0
0.060164	0	0	0	0	0	0
0.040672	0	0	0	0	0	0
0.034989	0	0	0	0	0	0
0.117911	0	0	0	2	0	2
0.052765	0	0	0	0	0	0
0.039538	0	0	0	0	0	0
0.042215	0	0	0	0	0	0
0.029604	0	0	0	0	0	0
0.02674	0	0	0	0	0	0
0.029171	0	0	0	0	0	0
0.021084	0	0	0	0	0	0
0.057254	0	0	0	0	0	0
0.023383	0	0	0	0	0	0
0.053173	0	0	0	0	0	0
0.035458	0	0	0	0	0	0
0.063317	0	0	0	0	0	0
0.057624	0	0	0	0	0	0
0.068734	0	0	0	0	0	0
0.184463	0.12	0	0	0	0	0
0.002841	0	0	0	0	0	0
0.042826	0	0	0	0	0	0
0.004403	0	0	0	0	0	0
0.004285	0	0	0	0	0	0
0.005888	0	0	0	0	0	0
0.005684	0	0	0	0	0	0
0.006102	0	0	0	0	0	0
0.003778	0	0	0	0	0	0
0.002072	0	0	0	0	0	0
0.056304	0	0	0	0	0	0
0.016264	0	0	0	0	0	0
0.011078	0	0	0	0	0	0

0.005569	0	0	0	0	0	0
0.036841	0	0	0	0	0	0
0.020386	0	0	0	0	0	0
0.042592	0	0	0	0	0	0
0.011641	0	0	0	0	0	0
0.061719	0	0	0	0	0	0
0.019218	0	0	0	0	0	0
0.015935	0	0	0	0	0	0
0.027037	0	0	0	0	0	0
0.195483	0	0	3	4	0	7
0.664249	0.05	0	7	8	0	15
0.654768	0	0	0	0	0	0
0.011731	0	0	0	0	0	0
0.023242	0	0	0	0	0	0
0.02949	0	0	0	0	0	0
0.02094	0	0	0	0	0	0
0.026987	0	0	0	0	0	0
0.008676	0	0	0	0	0	0
0.0053	0	0	0	0	0	0
0.005618	0	0	0	0	0	0
0.037788	0.17	0	0	0	0	0
0.013289	0	0	0	0	0	0
0.015445	0	0	0	0	0	0
0.020935	0	0	0	0	0	0
0.025704	0	0	0	0	0	0
0.612717	0.11	0	0	0	0	0
0.147854	0	0	0	0	0	0
0.105987	0	0	0	0	0	0
0.034577	0	0	0	0	0	0
0.047714	0	0	0	0	0	0
0.095266	0	0	0	0	0	0
0.082204	0	0	0	0	0	0
0.112194	0	0	0	0	0	0
0.139492	0	0	0	0	0	0
0.040218	0	0	0	0	0	0
0.016746	0	0	0	0	0	0
0.019183	0	0	3	0	0	3
0.050231	0	0	0	0	0	0
0.020381	0	0	0	0	0	0
0.0187	0	0	0	0	0	0
0.016479	0	0	0	0	0	0
0.01089	0	0	0	0	0	0
0.105268	0	0	0	0	0	0
0.005542	0	0	0	0	0	0
0.009678	0	0	0	0	0	0
0.011075	0	0	0	0	0	0
0.003999	0	0	0	0	0	0
0.003852	0	0	0	0	0	0
0.00645	0	0	0	0	0	0
0.041771	0	0	0	0	0	0



0.035463	0	0	0	0	0	0
0.052798	0	0	0	0	0	0
0.024931	0	0	0	0	0	0
0.032932	0	0	0	0	1	1
0.031546	0	1	0	0	0	1
0.04613	0	0	0	0	0	0
0.027247	0	0	0	0	0	0
0.029901	0	0	0	0	0	0
0.035764	0	0	0	0	0	0
0.046279	0	0	0	0	0	0
0.025507	0	0	0	0	0	0
0.019496	0	0	0	0	0	0
0.022224	0	0	0	0	0	0
0.023082	0	0	0	0	0	0
0.029157	0	0	0	0	0	0
0.032812	0	0	0	0	0	0
0.033258	0	0	0	0	0	0
0.037734	0	0	0	0	0	0
0.017247	0	0	0	0	0	0
0.018577	0	0	0	0	0	0
0.057291	0	0	0	0	0	0
0.022032	0	0	0	0	0	0
0.021127	0	0	0	0	0	0
0.014475	0	0	0	0	0	0
0.069126	0	0	0	0	0	0
0.042579	0	0	0	0	0	0
0.011225	0	0	0	0	0	0
0.012064	0	0	0	0	0	0
0.007582	0	0	0	0	0	0
0.012041	0	0	0	0	0	0
0.010748	0	0	0	0	0	0
0.03046	0	0	0	0	0	0
0.011514	0	0	0	0	1	1
0.009018	0	1	0	0	0	1
0.017567	0	0	0	0	0	0
0.013247	0	0	0	0	0	0
0.039833	0	0	0	0	0	0
0.011132	0	0	0	0	0	0
0.007952	0	0	0	0	0	0
0.013595	0	0	0	0	0	0
0.00721	0	0	0	0	0	0
0.005111	0	0	0	0	0	0
0.047319	0	0	0	0	0	0
0.004827	0	0	0	0	2	2
0.023383	0	2	0	0	0	2
0.01499	0	0	0	0	0	0
0.042267	0	0	0	0	0	0
0.018491	0	0	0	0	0	0
0.00114	0	0	0	0	0	0
0.043486	0	0	0	0	0	0

0.042557	0	0	0	0	0	0
0.041329	0	0	0	0	0	0
0.041796	0	0	0	0	0	0
0.083615	0	0	0	0	0	0
0.036457	0	0	0	0	0	0
0.003747	0	0	0	0	0	0
0.00332	0	0	0	0	0	0
0.003886	0	0	0	0	0	0
0.004198	0	0	0	0	0	0
0.002052	0	0	0	0	0	0
0.00199	0	0	0	0	0	0
0.002449	0	0	1	0	0	1
0.002448	0	0	4	0	0	4
0.004608	0	0	0	0	0	0
0.001523	0	0	0	0	0	0
0.001692	0	0	0	0	0	0
0.002614	0	0	0	0	0	0
0.001106	0	0	0	0	0	0
0.014631	0	0	0	0	0	0
0.10395	0	0	0	0	0	0
0.011966	0	0	0	0	0	0
0.012021	0	0	0	0	0	0
0.0187	0	0	0	0	0	0
0.014753	0	0	0	0	0	0
0.020716	0	0	0	0	0	0
0.014748	0	0	0	0	0	0
0.032926	0	0	0	0	0	0
0.013979	0	0	0	0	0	0
0.020699	0	0	0	0	0	0
0.013569	0	0	0	0	0	0
0.052215	0	0	0	0	0	0
0.027831	0	0	0	0	0	0
0.035762	0	0	0	0	0	0
0.093368	0	0	0	0	0	0
0.048726	0	0	0	0	0	0
0.031832	0	0	0	0	0	0
0.038307	0	0	0	0	0	0
0.049219	0	0	0	0	0	0
0.001148	0	0	0	0	0	0
0.019021	0	0	0	0	0	0
0.062762	0	0	0	0	0	0
0.025902	0	0	0	0	0	0
0.005387	0	0	0	0	0	0
0.019582	0	0	0	0	0	0
0.006555	0	0	0	0	0	0
0.008364	0	0	0	0	0	0
0.011391	0	0	0	0	0	0
0.044162	0	0	0	0	0	0
0.003259	0	0	0	0	0	0
0.032269	0	0	0	0	0	0

0.00274	0	0	0	0	0	0
0.002278	0	0	0	0	7	7
0.002627	0	7	0	0	8	15
0.279577	0.01	8	22	23	6	59
0.020115	0	6	0	0	1	7
0.183118	0.02	1	0	0	10	11
0.02371	0	10	0	0	0	10
0.001495	0	0	0	0	0	0
0.008032	0	0	0	0	0	0
0.002235	0	0	0	0	0	0
0.000775	0	0	0	0	0	0
0.000947	0	0	0	0	0	0
0.000245	0	0	0	0	0	0
0.00156	0	0	0	0	0	0
0.065173	0	0	0	0	0	0
0.044345	0	0	0	0	0	0
0.071145	0	0	0	0	0	0
0.055447	0	0	0	0	0	0
0.052029	0	0	0	0	0	0
0.063993	0	0	0	0	0	0
0.05534	0	0	0	0	0	0
0.727612	0	0	0	0	0	0
0.13072	0.01	0	0	0	0	0
0.065959	0	0	0	0	0	0
0.062213	0	0	0	0	0	0
0.060859	0	0	0	0	0	0
0.076588	0	0	0	0	0	0
0.035688	0	0	0	0	0	0
0.036577	0	0	0	0	0	0
0.090937	0	0	0	0	0	0
0.087277	0	0	0	0	0	0
0.099938	0	0	0	0	0	0
0.126451	0	0	0	0	0	0
0.058448	0	0	0	0	0	0
0.046593	0	0	0	0	0	0
0.206395	0	0	0	0	0	0
0.056764	0	0	0	0	0	0
0.059862	0	0	0	0	0	0
0.050042	0	0	0	0	0	0
0.052075	0	0	0	0	0	0
0.036289	0	0	0	0	0	0
0.066814	0	0	0	0	0	0
0.051401	0	0	0	0	0	0
0.068819	0	0	0	0	0	0
0.066973	0	0	0	0	0	0
0.041654	0	0	0	0	0	0
0.059313	0	0	0	0	0	0
0.062781	0	0	0	0	0	0
0.055459	0	0	0	0	0	0
0.05863	0	0	0	0	0	0

0.064944	0	0	0	0	0	0
0.019489	0	0	0	0	0	0
0.057969	0	0	0	0	0	0
0.052248	0	0	0	0	0	0
0.042575	0	0	0	0	0	0
0.047753	0	0	0	0	0	0
0.011242	0	0	0	0	0	0
0.006413	0	0	0	0	0	0
0.0041	0	0	0	0	0	0
0.002323	0	0	0	0	0	0
0.001842	0	0	0	0	0	0
0.008138	0	0	0	0	0	0
0.003473	0	0	0	0	0	0
0.062008	0	0	0	0	0	0
0.096805	0	0	0	0	0	0
0.021099	0	0	0	0	0	0
0.002442	0	0	0	0	0	0
0.00167	0	0	0	0	0	0
0.003241	0	0	0	0	0	0
0.000888	0	0	0	0	0	0
0.002532	0	0	0	0	0	0
0.003444	0	0	0	0	0	0
0.002815	0	0	0	0	0	0
0.002255	0	0	0	0	0	0
0.001216	0	0	0	0	0	0
0.001611	0	0	0	0	0	0
0.002305	0	0	0	0	0	0
0.001337	0	0	0	0	0	0
0.003912	0	0	0	0	0	0
0.001412	0	0	0	0	0	0
0.00126	0	0	0	0	0	0
0.00126	0	0	0	0	0	0
0.001692	0	0	0	0	0	0
0.007405	0	0	0	0	0	0
0.043777	0	0	0	0	0	0
0.004422	0	0	0	0	0	0
0.003139	0	0	0	0	0	0
0.007367	0	0	0	0	0	0
0.003947	0	0	0	0	0	0
0.018898	0	0	0	0	0	0
0.016623	0	0	0	0	0	0
0.018585	0	0	0	0	0	0
0.008989	0	0	0	0	0	0
0.007872	0	0	0	0	0	0
0.012197	0	0	0	0	0	0
0.006585	0	0	0	0	0	0
0.004472	0	0	0	0	0	0
0.007807	0	0	0	0	0	0
0.008177	0	0	0	0	0	0
0.004154	0	0	0	0	0	0

0.003525	0	0	0	0	0	0
0.02166	0	0	0	0	0	0
0.044734	0	0	0	0	0	0
0.023237	0	0	0	0	0	0
0.035318	0	0	0	0	0	0
0.026526	0	0	0	0	0	0
0.027815	0	0	0	0	0	0
0.054368	0	0	0	0	0	0
0.02634	0	0	0	0	0	0
0.014441	0	0	0	0	0	0
0.028396	0	0	0	0	0	0
0.02028	0	0	0	0	0	0
0.016335	0	0	0	0	0	0
0.023689	0	0	0	0	0	0
0.034814	0	0	0	0	0	0
0.047435	0	0	0	0	0	0
0.173445	0	0	0	0	0	0
0.034474	0	0	0	0	0	0
0.044261	0	0	0	0	0	0
0.050886	0	0	0	0	0	0
0.041554	0	0	0	0	0	0
0.044329	0	0	0	0	0	0
0.035883	0	0	0	0	0	0
0.046425	0	0	0	0	0	0
0.039081	0	0	0	0	0	0
0.152604	0	0	0	0	0	0
0.028492	0	0	0	0	0	0
0.042123	0	0	0	0	0	0
0.094123	0	0	0	0	0	0
0.052331	0	0	0	0	1	1
0.054269	0	1	0	0	0	1
0.059257	0	0	0	0	0	0
0.084956	0	0	0	0	0	0
0.063894	0	0	0	0	0	0
0.048113	0	0	0	0	0	0
0.057437	0	0	0	0	0	0
0.255074	0	0	0	0	0	0
0.054058	0	0	0	0	0	0
0.059888	0	0	0	0	0	0
0.256367	0	0	0	0	0	0
0.063688	0.01	0	0	0	0	0
0.026156	0	0	0	0	0	0
0.086366	0	0	0	0	0	0
0.12736	0	0	0	0	0	0
0.112472	0	0	0	0	0	0
0.120673	0	0	0	0	0	0
0.104382	0.02	0	0	0	0	0
0.039931	0	0	0	0	0	0
0.063467	0.02	0	0	0	0	0
0.015604	0	0	0	0	0	0

0.01491	0	0	0	0	0	0
0.031174	0	0	0	0	0	0
0.011503	0	0	0	0	0	0
0.017207	0	0	0	0	0	0
0.033246	0	0	0	0	0	0
0.008295	0	0	0	0	5	5
0.054294	0	5	0	0	0	5
0.066158	0	0	0	0	0	0
0.011421	0	0	0	0	0	0
0.015122	0	0	0	0	0	0
0.007799	0	0	0	0	0	0
0.018622	0	0	0	0	0	0
0.008472	0	0	0	0	0	0
0.014113	0	0	0	0	0	0
0.020546	0	0	0	0	0	0
0.00401	0	0	0	0	0	0
0.013028	0	0	0	0	0	0
0.000875	0	0	0	0	0	0
0.009246	0	0	0	0	0	0
0.000401	0	0	0	0	0	0
0.021369	0	0	0	0	0	0
0.029863	0	0	0	0	0	0
0.148831	0	5	0	0	0	5
0.542935	0	0	2	12	0	14
0.184911	0	0	4	4	6	14
0.349322	0.07	0	0	0	0	0
0.071055	0	0	0	0	0	0
0.025256	0	0	0	0	0	0
0.030693	0	0	0	0	0	0
0.030674	0	0	0	0	0	0
0.057244	0	0	0	0	0	0
0.037847	0	0	0	0	0	0
0.058267	0	0	0	0	0	0
0.078606	0	0	0	0	0	0
0.039687	0	0	0	0	5	5
0.011615	0	0	0	0	0	0
0.016642	0	0	0	0	0	0
0.004947	0	0	0	0	0	0
0.036581	0	0	0	0	0	0
0.220301	0	0	0	0	0	0
0.081641	0	0	0	0	0	0
0.03327	0	0	0	0	0	0
0.049715	0	0	0	0	0	0
0.041718	0	0	0	0	0	0
0.030351	0	0	0	0	0	0
0.116642	0	0	0	0	0	0
0.132583	0	0	0	0	0	0
0.092179	0	0	0	0	0	0
0.117211	0	0	0	0	0	0
0.064973	0	0	0	0	0	0

0.073449	0	0	0	0	0	0
0.118746	0	0	0	0	0	0
0.016033	0	0	0	0	0	0
0.032999	0	0	0	0	0	0
0.034133	0	0	0	0	0	0
0.014293	0	0	0	0	0	0
0.015177	0	0	0	0	0	0
0.015894	0	0	0	0	0	0
0.013234	0	0	0	0	0	0
0.008724	0	0	0	0	0	0
0.071698	0	0	0	0	0	0
0.029592	0	0	0	0	0	0
0.015262	0	0	0	0	0	0
0.012486	0	0	0	0	0	0
0.015154	0	0	0	0	0	0
0.002051	0	0	0	0	0	0
0.004286	0	0	0	0	0	0
0.043543	0	0	0	0	0	0
0.073625	0	0	0	0	0	0
0.01628	0	0	0	0	0	0
0.005036	0	0	0	0	0	0
0.003641	0	0	0	0	0	0
0.037515	0	0	0	0	0	0
0.009101	0	0	0	0	0	0
0.004997	0	0	0	0	0	0
0.0026	0	0	0	0	0	0
0.002646	0	0	0	0	0	0
0.080895	0	0	0	0	0	0
0.007836	0	0	0	0	0	0
0.04513	0	0	0	0	0	0
0.033753	0	0	0	0	0	0
0.202296	0	0	0	0	0	0
0.136531	0	0	0	0	0	0
0.234924	0	0	0	0	0	0
0.549262	0	0	0	0	0	0
0.101123	0	0	0	0	0	0
0.167447	0	0	0	0	0	0
0.097073	0	0	0	0	0	0
0.061499	0	0	0	0	0	0
0.064544	0	0	0	0	0	0
0.09281	0	0	0	0	0	0
0.041734	0	0	0	0	0	0
0.027662	0	0	0	0	0	0
0.028392	0	0	0	0	0	0
0.040616	0	0	0	0	0	0
0.093871	0	0	0	0	0	0
0.057606	0	0	0	0	0	0
0.041573	0	0	0	0	0	0
0.003237	0	0	0	0	0	0
0.000256	0	0	0	0	0	0

0.000285	0	0	0	0	0	0
0.003674	0	0	0	0	0	0
0.002168	0	0	0	0	0	0
0.001112	0	0	0	0	0	0
0.001631	0	0	0	0	0	0
0.001248	0	0	0	0	0	0
0.024989	0	0	3	0	0	3
0.008617	0	0	0	0	0	0
0.007318	0	0	0	0	0	0
0.01228	0	0	0	0	0	0
0.002614	0	0	0	0	0	0
0.005811	0	0	0	0	3	3
0.00421	0	3	0	0	0	3
0.003111	0	0	0	0	0	0
0.012659	0	0	0	0	0	0
0.034453	0	0	0	0	0	0
0.027146	0	0	0	0	0	0
0.025263	0	0	0	0	0	0
0.06965	0	0	0	0	0	0
0.022112	0	0	0	0	1	1
0.059624	0	1	0	0	0	1
0.027708	0	0	0	0	0	0
0.020745	0	0	0	0	0	0
0.024511	0	0	0	0	0	0
0.046218	0	0	0	0	0	0
0.07315	0	0	0	0	0	0
0.452201	0	0	5	5	0	10
0.023985	0	0	0	0	0	0
0.012922	0	0	0	0	0	0
0.025357	0	0	0	0	0	0
0.140744	0	0	0	0	0	0
0.091765	0	0	0	0	0	0
0.030912	0	0	0	0	0	0
0.030871	0	0	0	0	0	0
0.061663	0	0	0	0	0	0
0.084018	0	0	0	0	0	0
0.127075	0	0	0	0	0	0
0.186422	0	0	0	0	0	0
0.031729	0	0	0	0	0	0
0.089688	0	0	0	0	0	0
0.024688	0	0	0	0	0	0
0.02979	0	0	0	0	0	0
0.083173	0	0	0	0	0	0
0.018573	0	0	0	0	0	0
0.022217	0	0	0	0	0	0
0.037792	0	0	0	0	0	0
0.038953	0	0	0	0	0	0
0.049757	0	0	0	0	0	0
0.026385	0	0	0	0	0	0
0.054346	0	0	0	0	0	0



0.034159	0	0	0	0	0	0
0.014678	0	0	0	0	0	0
0.018631	0	0	0	0	0	0
0.013497	0	0	0	0	0	0
0.014419	0	0	0	0	0	0
0.119729	0.01	0	0	0	0	0
0.174763	0.07	0	0	0	0	0
0.112724	0	0	0	0	0	0
0.018438	0	0	0	0	0	0
0.005754	0	0	0	0	0	0
0.088001	0	0	0	0	0	0
0.057416	0	0	0	0	0	0
0.031794	0	0	0	0	0	0
0.054416	0	0	0	0	0	0
0.071207	0	0	0	0	0	0
0.044855	0	0	0	0	0	0
0.066555	0	0	0	0	0	0
0.067743	0	0	0	0	0	0
0.113198	0	0	0	0	0	0
0.985189	0	0	0	0	0	0
0.888756	0	0	0	0	0	0
0.432687	0	0	0	0	0	0
0.073201	0	0	0	0	0	0
0.007399	0	0	0	0	0	0
0.125688	0	0	0	0	0	0
0.105709	0	0	0	0	0	0
0.240131	0	0	0	0	0	0
0.048015	0	0	0	0	0	0
0.055595	0	0	0	0	0	0
0.082682	0	0	0	0	0	0
0.005536	0	0	0	0	0	0
0.919079	0.23	0	0	0	0	0
0.054986	0	0	0	0	0	0
0.027445	0	0	0	0	0	0
0.021959	0	0	0	0	0	0
0.058419	0	0	0	0	0	0
0.019576	0	0	0	0	0	0
0.043127	0	0	0	0	0	0
0.01889	0	0	0	0	0	0
0.021338	0	0	0	0	0	0
0.021144	0	0	0	0	0	0
0.005754	0	0	0	0	0	0
0.005058	0	0	0	0	0	0
0.005139	0	0	0	0	0	0
0.012334	0	0	0	0	0	0
0.006342	0	0	0	0	0	0
0.00712	0	0	0	0	0	0
0.00576	0	0	0	0	0	0
0.019414	0	0	0	0	0	0
0.010425	0	0	0	0	0	0

0.03024	0	0	0	0	0	0
0.017467	0	0	0	0	0	0
0.015765	0	0	0	0	0	0
0.00627	0	0	0	0	0	0
0.063046	0	0	0	0	0	0
0.016354	0	0	0	0	0	0
0.039949	0	0	0	0	0	0
0.050089	0.03	0	0	0	0	0
0.068692	0	0	0	0	0	0
0.02249	0	0	0	0	0	0
0.011961	0	0	0	0	0	0
0.012453	0	0	0	0	0	0
0.030775	0	0	0	0	0	0
0.080525	0	0	0	0	0	0
0.020486	0	0	0	0	0	0
0.010841	0	0	0	0	0	0
0.009459	0	0	0	0	0	0
0.04319	0	0	0	0	0	0
0.006814	0	0	0	0	0	0
0.00906	0	0	0	0	0	0
0.0064	0	0	0	0	0	0
0.01896	0	0	0	0	0	0
0.009978	0	0	0	0	0	0
0.014746	0	0	0	0	0	0
0.052927	0	0	0	0	0	0
0.337476	0	0	0	0	0	0
0.226013	0	0	0	0	0	0
0.014319	0	0	0	0	0	0
0.177766	0	0	0	0	0	0
0.022009	0	0	0	0	0	0
0.018943	0	0	0	0	0	0
0.020224	0	0	0	0	0	0
0.037206	0	0	0	0	0	0
0.642979	0	0	0	0	0	0
0.022757	0	0	0	0	0	0
0.023495	0	0	0	0	0	0
0.037358	0	0	0	0	0	0
0.028467	0	0	0	0	0	0
0.022185	0	0	0	0	0	0
0.042534	0	0	0	0	0	0
0.024728	0	0	0	0	0	0
0.014512	0	0	0	0	0	0
0.052454	0	0	0	0	0	0
0.01614	0.01	0	1	6	0	7
0.204365	0	0	0	0	0	0
0.017452	0	0	0	0	0	0
0.115539	0	0	0	0	0	0
0.00534	0	0	0	0	0	0
0.007965	0	0	0	0	0	0
0.016356	0	0	0	0	0	0

0.024495	0	0	0	0	0	0
0.04778	0	0	0	0	0	0
0.081511	0	0	0	0	0	0
0.054555	0	0	0	0	0	0
0.035776	0	0	0	0	0	0
0.023146	0	0	0	0	0	0
0.016362	0	0	0	0	0	0
0.024494	0	0	0	0	0	0
0.037568	0	0	0	0	0	0
0.047752	0	0	0	0	0	0
0.053671	0	0	0	0	0	0
0.050351	0	0	0	0	0	0
0.041707	0	0	0	0	0	0
0.053502	0	0	0	0	0	0
0.043237	0	0	0	0	0	0
0.039267	0	0	0	0	0	0
0.576999	0	0	0	0	0	0
0.148545	0	0	0	0	0	0
0.200278	0	0	0	0	0	0
0.072744	0	0	0	0	0	0
0.346512	0	0	0	0	0	0
0.46575	0	0	0	0	0	0
0.380591	0	0	0	0	0	0
0.006197	0	0	0	0	0	0
0.013525	0	0	0	0	0	0
0.134708	0	0	0	0	0	0
0.01682	0	0	0	0	0	0
0.004458	0	0	0	0	0	0
0.005265	0	0	0	0	0	0
0.011611	0	0	0	0	0	0
0.014911	0	0	0	0	0	0
0.029799	0	0	0	0	0	0
0.012525	0	0	0	0	0	0
0.010065	0	0	0	0	0	0
0.005141	0	0	0	0	0	0
0.003402	0	0	0	0	0	0
0.019778	0	0	0	0	0	0
0.008059	0	0	0	0	0	0
0.006221	0	0	0	0	0	0
0.003465	0	0	0	0	0	0
0.003224	0	0	0	0	0	0
0.004319	0	0	0	0	0	0
0.002948	0	0	0	0	0	0
0.003164	0	0	0	0	0	0
0.003056	0	0	0	0	0	0
0.006648	0	0	0	0	0	0
0.003	0	0	0	0	0	0
0.002169	0	0	0	0	0	0
0.009814	0	0	0	0	0	0
0.002116	0	0	0	0	0	0

0.002429	0	0	0	0	0	0
0.003335	0	0	0	0	0	0
0.009204	0	0	0	0	0	0
0.001915	0	0	0	0	0	0
0.002678	0	0	0	0	0	0
0.005475	0	0	0	0	0	0
0.00624	0	0	0	0	0	0
0.006037	0	0	0	0	0	0
0.005721	0	0	0	0	0	0
0.005481	0	0	0	0	0	0
0.008574	0	0	4	0	0	4
0.004338	0	0	0	0	0	0
0.767227	0.01	0	0	0	0	0
0.859066	0	0	0	0	0	0
0.037751	0	0	0	0	0	0
0.037465	0	0	0	0	0	0
0.04981	0	0	0	0	0	0
0.066397	0	0	0	0	0	0
0.044251	0	0	0	0	0	0
0.033289	0	0	0	0	0	0
0.123864	0	0	0	0	0	0
0.129116	0	0	0	0	0	0
0.071531	0	0	0	0	0	0
0.050801	0	0	0	0	0	0
0.052937	0	0	0	0	0	0
0.041047	0	0	0	0	0	0
0.045923	0	0	0	0	0	0
0.086586	0	0	0	0	0	0
0.065867	0	0	0	0	0	0
0.059087	0	0	0	0	0	0
0.102865	0	0	0	0	0	0
0.065185	0	0	0	0	0	0
0.071629	0	0	0	0	0	0
0.071449	0	0	0	0	0	0
0.038043	0	0	0	0	0	0
0.039945	0	0	0	0	0	0
0.004263	0	0	0	0	0	0
0.007292	0	0	0	0	0	0
0.002764	0	0	0	0	0	0
0.002932	0	0	0	0	0	0
0.006386	0	0	0	0	0	0
0.003391	0	0	0	0	0	0
0.002653	0	0	0	0	0	0
0.003487	0	0	0	0	0	0
0.005252	0	0	0	0	0	0
0.013488	0	0	0	0	0	0
0.009293	0	0	0	0	0	0
0.022954	0	0	0	0	0	0
0.015237	0	0	0	0	0	0
0.001567	0	0	0	0	0	0

0.030673	0	0	0	0	0	0
0.020366	0	0	0	0	0	0
0.023031	0	0	0	0	0	0
0.02023	0	0	0	0	0	0
0.023245	0	0	0	0	0	0
0.007889	0	0	0	0	0	0
0.006908	0	0	0	0	0	0
0.004543	0	0	0	0	0	0
0.16232	0	0	0	0	0	0
0.014294	0	0	0	0	0	0
0.02282	0	0	0	0	4	4
0.008744	0	4	0	0	0	4
0.014026	0	0	0	0	0	0
0.005477	0	0	0	0	0	0
0.061769	0	0	0	0	0	0
0.008823	0	0	0	0	0	0
0.014669	0	0	0	0	0	0
0.030052	0	0	0	0	0	0
0.030668	0	0	0	0	0	0
0.050473	0	0	0	0	0	0
0.010664	0	0	0	0	0	0
0.00589	0	0	0	0	0	0
0.004912	0	0	0	0	0	0
0.022188	0	0	0	0	0	0
0.009476	0	0	0	0	0	0
0.014872	0	0	0	0	0	0
0.005814	0	0	0	0	0	0
0.121658	0	0	0	0	0	0
0.086053	0	0	0	0	0	0
0.068331	0	0	0	0	0	0
0.307918	0	0	0	0	0	0
0.022583	0	0	0	0	0	0
0.017567	0	0	0	0	0	0
0.009957	0	0	0	0	0	0
0.067072	0.04	0	0	0	0	0
0.045722	0	0	0	0	0	0
0.032586	0	0	0	0	0	0
0.09332	0	0	0	0	0	0
0.037227	0	0	0	0	0	0
0.014746	0	0	0	0	0	0
0.013479	0	0	0	0	0	0
0.013038	0	0	0	0	0	0
0.024551	0	0	0	0	0	0
0.064003	0	0	0	0	0	0
0.18361	0	0	0	0	0	0
0.093813	0	0	0	0	0	0
0.069803	0	0	0	0	0	0
0.065169	0	0	0	0	0	0
0.090096	0	0	0	0	0	0
0.065043	0	0	0	0	0	0

0.866544	0.28	0	0	0	0	0
0.691503	0.29	0	0	0	0	0
0.107888	0	0	0	0	0	0
0.083267	0	0	0	0	0	0
0.072218	0	0	0	0	0	0
0.004858	0	0	0	0	0	0
0.002282	0	0	0	0	0	0
0.011045	0	0	0	0	0	0
0.000545	0	0	0	0	0	0
0.000083	0	0	0	0	0	0
0.00146	0	0	0	0	0	0
0.002421	0	0	0	0	0	0
0.007183	0	0	0	0	0	0
0.00404	0	0	0	0	0	0
0.002191	0	0	0	0	0	0
0.003625	0	0	0	0	0	0
0.004259	0	0	0	0	0	0
0.005361	0	0	0	0	0	0
0.00164	0	0	0	0	0	0
0.000154	0	0	0	0	0	0
0.000185	0	0	0	0	0	0
0.381915	0.15	0	0	0	0	0
0.058977	0	0	0	0	0	0
0.011989	0	0	0	0	0	0
0.030667	0	0	0	0	0	0
0.011812	0	0	0	0	0	0
0.010891	0	0	0	0	0	0
0.013502	0	0	0	0	0	0
0.008184	0	0	0	0	0	0
0.003636	0	0	0	0	0	0
0.009663	0	0	0	0	0	0
0.008901	0	0	0	0	0	0
0.077375	0	0	0	0	0	0
0.005967	0	0	0	0	0	0
0.005439	0	0	0	0	0	0
0.106996	0	0	0	0	0	0
0.004734	0	0	0	0	0	0
0.009514	0	0	0	0	0	0
0.040306	0	0	0	0	0	0
0.03279	0	0	0	0	0	0
0.030431	0	0	0	0	0	0
0.961547	0	0	0	0	0	0
0.999794	0	0	0	0	0	0
0.05396	0	0	0	0	0	0
0.027667	0	0	0	0	0	0
0.0147	0	0	0	0	0	0
0.041153	0	0	0	0	0	0
0.018075	0	0	0	0	0	0
0.030818	0	0	0	0	0	0
0.173026	0	0	0	0	0	0

0.142367	0	0	0	0	0	0
0.060386	0	0	0	0	0	0
0.47942	0.09	0	0	0	0	0
0.056248	0	9	0	0	0	9
0.94511	0	0	0	0	0	0
0.29487	0	0	0	0	0	0
0.326803	0	0	0	0	0	0
0.19259	0	0	0	0	0	0
0.590775	0	0	0	0	0	0
0.513599	0	0	0	0	0	0
0.905656	0	0	0	0	0	0
0.015622	0	0	0	0	0	0
0.019624	0	0	0	0	0	0
0.013364	0	0	0	0	0	0
0.039182	0	0	0	0	0	0
0.031901	0	0	0	0	0	0
0.028356	0	0	0	0	0	0
0.017911	0	0	0	0	0	0
0.061159	0	0	0	0	0	0
0.04577	0	0	0	0	0	0
0.045317	0	0	0	0	0	0
0.23964	0	0	0	0	0	0
0.044066	0	0	0	0	0	0
0.022091	0	0	0	0	0	0
0.018657	0	0	0	0	0	0
0.379547	0	0	0	0	0	0
0.041181	0	0	0	0	0	0
0.015964	0	0	0	0	0	0
0.012826	0	0	0	0	0	0
0.012014	0	0	0	0	0	0
0.007285	0	0	0	0	0	0
0.052719	0.01	0	0	0	0	0
0.045511	0	0	0	0	0	0
0.063166	0.03	0	0	0	0	0
0.042643	0	0	0	0	2	2
0.094651	0	0	0	0	0	0
0.062904	0	0	0	0	0	0
0.006865	0	0	0	0	0	0
0.051009	0	0	0	0	0	0
0.019707	0	0	0	0	0	0
0.973062	0	0	0	0	0	0
0.007087	0	0	0	0	0	0
0.014536	0	0	0	0	0	0
0.004792	0	0	0	0	0	0
0.216156	0	0	0	0	0	0
0.080319	0	0	0	0	0	0
0.041703	0	0	0	0	0	0
0.067852	0	0	0	0	0	0
0.05997	0	0	0	0	0	0
0.046951	0	0	0	0	0	0

0.044513	0	0	0	0	0	0
0.062466	0	0	0	0	0	0
0.042936	0	0	0	0	0	0
0.040048	0	0	0	0	0	0
0.051943	0	0	0	0	0	0
0.095243	0	0	0	0	0	0
0.10068	0	0	0	0	0	0
0.041302	0	0	0	0	0	0
0.012327	0	0	0	0	0	0
0.025802	0	0	0	0	0	0
0.032684	0	0	0	0	0	0
0.030897	0	0	0	0	0	0
0.010044	0	0	0	0	0	0
0.045652	0	0	0	0	0	0
0.061899	0	0	0	0	0	0
0.061279	0	0	0	0	0	0
0.036174	0	0	0	0	0	0
0.028934	0	0	0	0	0	0
0.021451	0	0	0	0	0	0
0.061337	0	0	0	0	0	0
0.045765	0	0	0	0	0	0
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0.057616	0	0	0	0	0	0
0.039596	0	0	0	0	0	0
0.031166	0	0	0	0	0	0
0.055848	0	0	0	0	0	0
0.066872	0	0	0	0	0	0
0.038676	0	0	0	0	0	0
0.026782	0	0	0	0	0	0
0.016181	0	0	0	0	0	0
0.00848	0	0	0	0	0	0
0.013924	0	0	0	0	0	0
0.018565	0	0	0	0	0	0
0.039304	0	0	0	0	0	0
0.009413	0	0	0	0	0	0
0.016439	0	0	0	0	0	0
0.021288	0	0	0	0	0	0
0.020217	0	0	0	0	0	0
0.016459	0	0	0	0	0	0
0.036234	0	0	0	0	0	0
0.022754	0	0	0	0	0	0
0.020262	0	0	0	0	0	0
0.126692	0	0	0	0	0	0
0.078342	0	0	0	0	0	0
0.196706	0	0	0	0	0	0
0.069925	0	0	0	0	0	0
0.053066	0	0	0	0	0	0
0.039277	0	0	0	0	0	0
0.042745	0	0	0	0	0	0
0.027452	0	0	0	0	0	0



0.074383	0	0	0	0	0	0
0.001257	0.04	0	0	0	0	0
0.001733	0	0	0	0	0	0
0.004975	0.01	0	0	0	0	0
0.005426	0	0	0	0	0	0
0.001264	0	0	0	0	0	0
0.001271	0.03	0	0	0	0	0
0.065316	0	0	0	0	0	0
0.369279	0	0	0	0	0	0
0.297066	0	0	0	0	0	0
0.074532	0	0	0	0	0	0
0.023545	0	0	0	0	0	0
0.019237	0	0	0	0	0	0
0.024259	0	0	0	0	0	0
0.046451	0	0	0	0	0	0
0.501205	0	0	0	0	0	0
0.098355	0.19	0	0	0	0	0
0.16152	0	0	0	0	0	0
0.048638	0	0	0	0	0	0
0.542435	0	0	0	0	0	0
0.419918	0	0	0	0	0	0
0.13912	0	0	0	0	0	0
0.018939	0	0	0	0	0	0
0.000698	0	0	0	0	0	0
0.006317	0	0	0	0	0	0
0.008706	0	0	0	0	0	0
0.006145	0	0	0	0	0	0
0.005447	0	0	0	0	0	0
0.24586	0	0	0	0	0	0
0.206252	0	0	0	0	0	0
0.068892	0	0	0	0	0	0
0.097218	0	0	0	0	0	0
0.014126	0	0	0	0	0	0
0.046474	0	0	0	0	0	0
0.125161	0	0	0	0	0	0
0.019686	0	0	0	0	0	0
0.016687	0	0	0	0	0	0
0.146364	0.14	0	0	0	0	0
0.022636	0	0	0	0	0	0
0.251226	0.06	0	0	0	0	0
0.024997	0	0	0	0	0	0
0.037482	0	0	0	0	0	0
0.060159	0	0	0	0	0	0
0.033817	0	0	0	0	0	0
0.027822	0	0	0	0	0	0
0.042698	0	0	0	0	0	0
0.04986	0	0	0	0	0	0
0.023309	0	0	0	0	0	0
0.004239	0	0	0	0	0	0
0.006942	0	0	0	0	0	0

0.014627	0.01	0	0	0	0	0
0.013808	0	0	0	0	0	0
0.002601	0	0	0	0	0	0
0.004287	0	0	0	0	0	0
0.004917	0	0	0	0	0	0
0.003454	0	0	0	0	0	0
0.070601	0	0	0	0	0	0
0.013381	0	0	0	0	0	0
0.041746	0	0	0	0	0	0
0.025827	0	0	0	0	0	0
0.089458	0	0	0	0	0	0
0.153307	0	0	0	0	0	0
0.180003	0	0	0	0	0	0
0.110813	0	0	0	0	0	0
0.094287	0	0	0	0	0	0
0.005447	0	0	0	0	0	0
0.003278	0	0	0	0	0	0
0.008266	0	0	0	0	0	0
0.004826	0	0	0	0	0	0
0.004222	0	0	0	0	0	0
0.004592	0	0	0	0	0	0
0.003643	0	0	0	0	0	0
0.002501	0	0	0	0	0	0
0.003231	0	0	0	0	0	0
0.003306	0	0	0	0	0	0
0.02238	0	0	0	0	0	0
0.018627	0	0	0	0	0	0
0.02264	0	0	0	0	0	0
0.035998	0	0	0	0	0	0
0.018224	0	0	0	0	0	0
0.011415	0	0	0	0	0	0
0.003575	0	0	0	0	0	0
0.017814	0	0	0	0	0	0
0.021043	0	0	0	0	0	0
0.009775	0	0	0	0	0	0
0.009641	0	0	0	0	0	0
0.00451	0	0	0	0	0	0
0.04675	0	0	0	0	0	0
0.001989	0	0	0	0	0	0
0.000684	0	0	0	0	0	0
0.004514	0	0	0	0	0	0
0.003534	0	0	0	0	0	0
0.001641	0.01	0	0	0	0	0
0.015693	0	0	0	0	0	0
0.004146	0	0	0	0	0	0
0.016426	0	0	0	0	0	0
0.012437	0	0	0	0	0	0
0.021381	0	0	0	0	0	0
0.017526	0	0	0	0	0	0
0.009816	0	0	0	0	0	0

0.027305	0	0	0	0	0	0
0.006067	0	0	0	0	0	0
0.083955	0	0	0	0	0	0
0.048525	0	0	0	0	0	0
0.062217	0	0	0	0	0	0
0.03702	0	0	0	0	0	0
0.050825	0	0	0	0	0	0
0.030486	0	0	0	0	0	0
0.062846	0	0	0	0	0	0
0.052663	0	0	0	0	0	0
0.323196	0	0	0	0	0	0
0.022719	0	0	0	0	0	0
0.022135	0	0	0	0	0	0
0.038648	0	0	0	0	0	0
0.01376	0	0	0	0	0	0
0.015595	0	0	0	0	0	0
0.011533	0	0	0	0	0	0
0.000968	0	0	0	0	6	6
0.000799	0	6	0	0	0	6
0.0009	0	0	0	0	11	11
0.004688	0	0	0	4	0	4
0.006944	0	0	0	0	0	0
0.000738	0	0	0	0	0	0
0.000417	0	0	0	0	0	0
0.001582	0	0	4	0	0	4
0.001451	0	0	0	0	1	1
0.000745	0	1	0	0	0	1
0.219255	0.35	0	0	0	0	0
0.02192	0	0	0	0	0	0
0.002977	0	0	0	0	0	0
0.002399	0	0	0	0	0	0
0.004213	0	0	0	0	0	0
0.007408	0	0	0	0	0	0
0.002285	0	0	0	0	0	0
0.024737	0	0	0	0	0	0
0.002403	0	0	0	0	0	0
0.004729	0	0	0	0	0	0
0.063515	0	0	0	0	0	0
0.045909	0	0	0	0	0	0
0.078555	0	0	0	0	0	0
0.034769	0	0	0	0	0	0
0.024173	0	0	0	0	0	0
0.053098	0	0	0	0	0	0
0.017321	0	0	0	0	0	0
0.007956	0	0	0	0	0	0
0.057696	0	0	0	0	0	0
0.011491	0	0	0	0	4	4
0.001521	0	4	0	0	0	4
0.01442	0	0	0	0	0	0
0.009518	0	0	0	0	0	0

0.002734	0	0	0	0	0	0
0.001031	0	32	2	0	3	37
0.015455	0	3	1	1	18	23
0.003493	0	18	0	0	17	35
0.000617	0	17	0	0	0	17
0.000267	0	0	0	0	0	0
0.000839	0	0	0	0	0	0
0.000315	0	0	0	0	0	0
0.093998	0	0	0	0	0	0
0.184976	0	0	0	0	0	0
0.043961	0	0	0	0	0	0
0.039786	0	0	0	0	0	0
0.033942	0	0	0	0	0	0
0.029659	0	0	0	0	0	0
0.047422	0	0	0	0	0	0
0.02575	0	0	0	0	0	0
0.020895	0	0	0	0	0	0
0.111235	0	0	0	0	0	0
0.151537	0	0	0	0	0	0
0.084612	0	0	0	0	0	0
0.348005	0	0	0	0	0	0
0.290462	0	0	0	0	0	0
0.102579	0	0	0	0	0	0
0.020087	0	0	0	0	0	0
0.068141	0	0	0	0	0	0
0.021705	0	0	0	0	0	0
0.032798	0	0	0	0	0	0
0.04178	0	0	0	0	0	0
0.025852	0	0	0	0	0	0
0.018391	0	0	0	0	0	0
0.024655	0	0	0	0	0	0
0.031438	0	0	0	0	0	0
0.039229	0	0	0	0	0	0
0.057776	0	0	0	0	0	0
0.092944	0	0	0	0	0	0
0.209741	0	0	0	0	0	0
0.040099	0	0	0	0	0	0
0.079105	0	0	0	0	0	0
0.05752	0	0	0	0	0	0
0.042512	0	0	0	0	0	0
0.037839	0	0	0	0	0	0
0.047581	0	0	0	0	0	0
0.013172	0	0	0	0	0	0
0.019722	0	0	0	0	0	0
0.002327	0	0	0	0	0	0
0.059184	0	0	0	0	0	0
0.015935	0	0	0	0	0	0
0.00457	0	0	0	0	0	0
0.012688	0	0	0	0	0	0
0.008332	0	0	0	0	0	0

0.03007	0	0	0	0	0	0
0.055688	0	0	0	0	0	0
0.00405	0	0	0	0	0	0
0.004187	0	0	0	0	0	0
0.003522	0	0	0	0	0	0
0.002543	0	0	0	0	0	0
0.003504	0	0	0	0	0	0
0.012651	0	0	0	0	0	0
0.006466	0	0	0	0	0	0
0.001934	0	0	0	0	0	0
0.00755	0	0	0	0	0	0
0.002817	0	0	0	0	0	0
0.006386	0	0	0	0	0	0
0.001707	0	0	0	0	0	0
0.00482	0	0	0	0	0	0
0.005071	0	0	0	0	0	0
0.137194	0	0	0	0	0	0
0.007157	0	0	0	0	0	0
0.001536	0.01	0	0	0	0	0
0.017636	0	0	0	0	0	0
0.011418	0	0	0	0	0	0
0.003773	0	0	0	0	0	0
0.010125	0	0	0	0	0	0
0.026822	0	0	0	0	0	0
0.008673	0	0	0	0	0	0
0.018026	0	0	0	0	0	0
0.002834	0	0	0	0	0	0
0.070441	0	4	0	0	0	4
0.050639	0	0	0	0	0	0
0.074808	0	0	0	0	0	0
0.064897	0	0	0	0	0	0
0.094416	0	0	0	0	0	0
0.016769	0	0	0	0	0	0
0.051949	0	0	0	0	0	0
0.009029	0	0	0	0	0	0
0.011603	0	0	0	0	0	0
0.10875	0	0	0	0	0	0
0.072622	0	0	4	0	0	4
0.019238	0	0	0	0	0	0
0.092944	0	0	0	0	0	0
0.072103	0	0	0	0	0	0
0.054841	0	0	0	0	0	0
0.033529	0	0	0	0	0	0
0.015232	0	0	0	0	0	0
0.017153	0	0	0	0	0	0
0.020618	0	0	0	0	0	0
0.016637	0	0	0	0	0	0
0.016991	0	0	0	0	0	0
0.042255	0	0	0	0	0	0
0.029588	0	0	0	0	0	0

0.022652	0	0	0	0	0	0
0.037669	0	0	0	0	0	0
0.030717	0	0	0	0	0	0
0.02582	0	0	0	0	0	0
0.034803	0	0	0	0	0	0
0.025027	0	0	0	0	0	0
0.267279	0	0	0	0	0	0
0.236572	0	0	0	0	0	0
0.117141	0	0	0	0	0	0
0.103198	0	0	0	0	0	0
0.036545	0	0	0	0	0	0
0.008618	0	0	0	0	0	0
0.029884	0.01	0	0	0	0	0
0.01139	0	0	0	0	0	0
0.002798	0	0	0	0	0	0
0.002986	0.01	0	0	0	0	0
0.03612	0	0	0	0	0	0
0.008902	0	0	0	0	0	0
0.002443	0	0	0	0	0	0
0.010765	0.01	0	0	0	0	0
0.012196	0	0	0	0	0	0
0.002372	0	0	0	0	0	0
0.00383	0	0	0	0	0	0
0.001697	0	0	0	0	0	0
0.004903	0	0	0	0	0	0
0.012339	0	0	0	0	0	0
0.084215	0	0	0	0	0	0
0.02596	0	0	0	0	0	0
0.045872	0	0	0	0	0	0
0.025222	0	0	0	0	0	0
0.033515	0	0	0	0	0	0
0.076086	0	0	0	0	0	0
0.052543	0	0	0	0	0	0
0.056318	0	0	0	0	0	0
0.053562	0	0	0	0	0	0
0.00629	0	0	0	0	0	0
0.049575	0	0	0	0	0	0
0.090352	0	0	0	0	0	0
0.058106	0	0	0	0	0	0
0.023179	0	0	0	0	0	0
0.023821	0	0	0	0	0	0
0.030925	0	0	0	0	0	0
0.03078	0	0	0	0	0	0
0.022558	0	0	0	0	0	0
0.019397	0	0	0	0	0	0
0.036697	0	0	0	0	0	0
0.002663	0	0	0	0	0	0
0.113809	0	0	0	0	0	0
0.004849	0	0	0	0	0	0
0.018257	0	0	0	0	0	0

0.12757	0	0	0	0	0	0
0.160108	0	0	0	0	0	0
0.045517	0	0	0	0	0	0
0.087552	0	0	0	0	0	0
0.034867	0	0	0	0	0	0
0.027248	0	0	0	0	0	0
0.063315	0	0	0	0	0	0
0.017712	0	0	0	0	0	0
0.036529	0	0	0	0	0	0
0.04028	0	0	0	0	0	0
0.021699	0	0	0	0	0	0
0.029409	0	0	0	0	0	0
0.009911	0	0	0	0	0	0
0.079066	0	0	0	0	0	0
0.039441	0	0	0	0	0	0
0.734736	0	0	0	0	0	0
0.160172	0	0	0	0	0	0
0.218775	0	0	0	0	0	0
0.068796	0	0	0	0	0	0
0.009836	0	0	0	0	0	0
0.005459	0	0	0	0	0	0
0.006699	0	0	0	0	0	0
0.019935	0	0	0	0	0	0
0.027081	0	0	0	0	0	0
0.018746	0	0	0	0	0	0
0.015818	0	0	0	0	0	0
0.009961	0	0	0	0	0	0
0.00682	0	0	0	0	0	0
0.008526	0	0	0	0	0	0
0.015275	0	0	0	0	0	0
0.01674	0	0	0	0	0	0
0.042503	0	0	0	0	0	0
0.025911	0	0	0	0	0	0
0.034031	0	0	0	0	0	0
0.01977	0	0	0	0	0	0
0.018272	0	0	0	0	0	0
0.01944	0	0	0	0	0	0
0.019945	0	0	0	0	0	0
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0.029438	0	0	0	0	0	0
0.040137	0	0	0	0	0	0
0.022262	0	0	0	0	0	0
0.209536	0	0	0	0	0	0
0.147048	0	0	0	0	0	0
0.044827	0	0	0	0	0	0
0.069552	0	0	0	0	0	0
0.060213	0	0	0	0	0	0
0.035713	0	0	0	0	0	0
0.058282	0	0	0	0	0	0
0.022889	0	0	0	0	0	0

0.109633	0	0	0	0	0	0
0.012992	0	0	0	0	0	0
0.023488	0	0	0	0	0	0
0.024171	0	0	0	0	0	0
0.010807	0	0	0	0	0	0
0.011766	0	0	0	0	0	0
0.005936	0	0	0	0	0	0
0.008509	0	0	0	0	0	0
0.01182	0	0	0	0	0	0
0.004076	0	0	0	0	0	0
0.013426	0	0	0	0	0	0
0.019655	0	0	0	0	0	0
0.005464	0	0	0	0	0	0
0.012101	0	0	0	0	0	0
0.007715	0	0	0	0	0	0
0.00512	0	0	0	0	0	0
0.003904	0	0	0	0	0	0
0.067927	0	0	5	5	0	10
0.113861	0	0	0	0	0	0
0.018632	0	0	0	0	0	0
0.01486	0	0	0	0	0	0
0.066878	0	0	0	0	0	0
0.01015	0	0	0	0	0	0
0.006255	0	0	0	0	0	0
0.006575	0	0	0	0	0	0
0.011101	0	0	0	0	0	0
0.017926	0	0	0	0	0	0
0.004856	0	0	0	0	0	0
0.003973	0	0	0	0	0	0
0.005434	0	0	0	0	0	0
0.005427	0	0	0	0	0	0
0.005364	0	0	0	0	0	0
0.010738	0	0	0	0	0	0
0.004611	0	0	0	0	0	0
0.001812	0	0	0	0	0	0
0.005505	0	0	0	0	0	0
0.010309	0	0	0	0	0	0
0.137454	0	0	0	0	0	0
0.01061	0	0	0	0	0	0
0.010487	0	0	0	0	0	0
0.012478	0	0	0	0	0	0
0.005335	0	0	0	0	0	0
0.00577	0	0	0	0	0	0
0.006299	0	0	0	0	0	0
0.0175	0	0	0	0	7	7
0.010723	0	0	0	0	0	0
0.007881	0	0	0	0	0	0
0.006187	0	0	0	0	0	0
0.004713	0	0	0	0	0	0
0.003215	0	0	0	0	0	0



0.001035	0	0	0	0	0	0
0.00068	0	0	0	0	0	0
0.003919	0	0	0	0	0	0
0.019342	0	0	0	0	0	0
0.00471	0	0	0	0	0	0
0.031772	0	7	0	0	0	7
0.002149	0	0	0	0	0	0
0.001747	0	0	0	0	0	0
0.038279	0	0	0	0	0	0
0.016748	0	0	0	0	0	0
0.004595	0	0	0	0	0	0
0.011301	0	0	0	0	0	0
0.020452	0	0	0	0	0	0
0.012136	0	0	0	0	0	0
0.006318	0	0	0	0	0	0
0.004585	0	0	0	0	0	0
0.008073	0	0	0	0	0	0
0.421397	0	0	0	0	0	0
0.030609	0	0	0	0	0	0
0.010268	0	0	0	0	0	0
0.021508	0	0	0	0	0	0
0.03719	0	0	0	0	0	0
0.007976	0	0	0	0	0	0
0.006036	0	0	0	0	0	0
0.010987	0	0	0	0	0	0
0.005493	0	0	0	0	0	0
0.048437	0	0	0	0	0	0
0.00491	0	0	0	0	0	0
0.030374	0	0	0	0	0	0
0.95042	0.16	0	0	0	0	0
0.070892	0	0	0	0	0	0
0.049366	0	0	0	0	0	0
0.039242	0	0	0	0	0	0
0.012897	0	0	0	0	0	0
0.008766	0	0	0	0	0	0
0.009618	0	0	0	0	0	0
0.007866	0	0	0	0	0	0
0.01044	0	0	0	0	0	0
0.017463	0	0	0	0	0	0
0.007575	0	0	0	0	0	0
0.03026	0	0	0	0	0	0
0.014161	0	0	0	0	0	0
0.123546	0	0	0	0	0	0
0.333676	0.04	0	0	0	0	0
0.10715	0	0	0	0	0	0
0.05327	0	0	0	0	0	0
0.059355	0	0	0	0	0	0
0.03693	0	0	0	0	0	0
0.029503	0	0	0	0	0	0
0.027847	0	0	0	0	0	0

0.029045	0	0	0	0	0	0
0.024705	0	0	0	0	0	0
0.017817	0	0	0	0	0	0
0.07364	0	0	0	0	0	0
0.07332	0	0	0	0	0	0
0.07472	0	0	0	0	0	0
0.041289	0	0	0	0	0	0
0.016885	0	0	0	0	0	0
0.035383	0	0	0	0	0	0
0.02199	0	0	0	0	0	0
0.092103	0	0	0	0	0	0
0.062142	0	0	0	0	0	0
0.062962	0	0	0	0	0	0
0.06123	0	0	0	0	0	0
0.060879	0	0	0	0	0	0
0.137816	0	0	0	0	0	0
0.056163	0	0	0	0	0	0
0.004474	0	0	0	0	0	0
0.002327	0	0	0	0	0	0
0.00768	0	0	0	0	0	0
0.024739	0	0	0	0	0	0
0.037878	0	0	0	0	0	0
0.034866	0	0	0	0	0	0
0.007365	0	0	0	0	0	0
0.006986	0	0	0	0	0	0
0.021272	0	0	0	0	0	0
0.019818	0	0	0	0	0	0
0.027709	0	0	0	0	0	0
0.013802	0	0	0	0	0	0
0.042438	0	0	0	0	0	0
0.055429	0	0	0	0	0	0
0.157647	0	0	0	0	0	0
0.030763	0	0	0	0	0	0
0.03626	0	0	0	0	0	0
0.043216	0	0	0	0	0	0
0.046818	0	0	0	0	0	0
0.057135	0	0	0	0	0	0
0.047389	0	0	0	0	0	0
0.031467	0	0	0	0	0	0
0.029898	0	0	0	0	0	0
0.056694	0	0	0	0	0	0
0.01609	0	0	0	0	0	0
0.01728	0	0	0	0	0	0
0.014903	0	0	0	0	0	0
0.015442	0	0	0	0	0	0
0.016061	0	0	0	0	0	0
0.048678	0	0	0	0	0	0
0.053958	0	0	0	0	0	0
0.068099	0	0	0	0	0	0
0.028864	0	0	0	0	0	0

0.049266	0	0	0	0	0	0
0.033064	0	0	0	0	0	0
0.033878	0	0	0	0	0	0
0.040537	0	0	0	0	0	0
0.03682	0	0	0	0	0	0
0.03565	0	0	0	0	0	0
0.029779	0	0	0	0	0	0
0.033049	0	0	0	0	0	0
0.003677	0	0	0	0	0	0
0.002513	0	0	0	0	0	0
0.002817	0	0	0	0	0	0
0.002131	0	0	0	0	0	0
0.003575	0	0	0	0	0	0
0.003129	0	0	0	0	0	0
0.00949	0	0	0	0	0	0
0.019335	0	0	0	0	0	0
0.086749	0.03	0	0	0	0	0
0.00814	0	0	0	0	0	0
0.008787	0	0	0	0	0	0
0.00709	0	0	0	0	0	0
0.007423	0	0	0	0	0	0
0.006946	0	0	0	0	0	0
0.005599	0	0	0	0	0	0
0.038339	0	0	0	0	0	0
0.012907	0	0	0	0	0	0
0.004688	0	0	0	0	0	0
0.002953	0	0	0	0	0	0
0.004376	0	0	0	0	0	0
0.004916	0	0	0	0	0	0
0.002536	0	0	0	0	0	0
0.000733	0	0	0	0	0	0
0.002275	0	0	0	0	0	0
0.002813	0	0	0	0	0	0
0.001895	0	0	0	0	0	0
0.002214	0	0	0	0	0	0
0.001725	0	0	0	0	0	0
0.001832	0	0	0	0	0	0
0.004284	0	0	0	0	0	0
0.033644	0	0	0	0	0	0
0.00775	0	0	0	0	0	0
0.008962	0	0	0	0	0	0
0.010989	0	0	0	0	0	0
0.116868	0	0	0	0	0	0
0.004939	0	0	0	0	0	0
0.011481	0	0	0	0	0	0
0.070829	0	0	0	0	0	0
0.022931	0	0	0	0	8	8
0.071672	0	8	0	0	0	8
0.020943	0	0	0	0	0	0
0.055736	0	0	0	0	0	0

0.008951	0	0	0	0	0	0
0.009389	0	0	0	0	0	0
0.007615	0	0	0	0	0	0
0.00727	0	0	0	0	0	0
0.012484	0	0	0	0	0	0
0.004925	0	0	0	0	0	0
0.008324	0	0	0	0	0	0
0.005374	0	0	0	0	0	0
0.011365	0	0	0	0	0	0
0.014339	0	0	0	0	0	0
0.019967	0	0	0	0	0	0
0.007245	0	0	0	0	0	0
0.039794	0	0	0	0	0	0
0.018712	0	0	0	0	0	0
0.00919	0	0	0	0	0	0
0.013446	0	0	0	0	0	0
0.007514	0	0	0	0	0	0
0.008473	0	0	0	0	0	0
0.008367	0	0	0	0	0	0
0.040939	0	0	0	0	0	0
0.102114	0	0	0	0	0	0
0.021885	0	0	0	0	0	0
0.02447	0	0	0	0	0	0
0.028872	0	0	0	0	0	0
0.020167	0	0	0	0	0	0
0.009379	0	0	0	0	0	0
0.016254	0	0	0	0	0	0
0.010486	0	0	0	0	0	0
0.016183	0	0	0	0	0	0
0.04436	0	0	0	0	0	0
0.043658	0	0	0	0	0	0
0.04705	0	0	0	0	0	0
0.038243	0	0	0	0	0	0
0.073232	0	0	0	0	0	0
0.04471	0	0	0	0	0	0
0.032085	0	0	0	0	0	0
0.028823	0	0	0	0	0	0
0.029058	0	0	0	0	0	0
0.019787	0	0	0	0	0	0
0.010749	0	0	0	0	0	0
0.020866	0	0	0	0	0	0
0.033864	0	0	0	0	0	0
0.050012	0	0	0	0	0	0
0.019448	0	0	0	0	0	0
0.042945	0	0	0	0	0	0
0.050158	0	0	0	0	0	0
0.073361	0	0	0	0	0	0
0.018805	0	0	0	0	0	0
0.022184	0	0	0	0	0	0
0.032495	0	0	0	0	0	0

0.047007	0	0	0	0	0	0
0.010102	0	0	0	0	0	0
0.007945	0	0	0	0	0	0
0.004139	0	0	0	0	0	0
0.004656	0	0	0	0	0	0
0.007622	0	0	0	0	0	0
0.003985	0	0	0	0	0	0
0.055129	0	0	0	0	0	0
0.110461	0	0	0	0	0	0
0.178975	0	0	0	0	0	0
0.028343	0	0	0	0	0	0
0.022951	0	0	0	0	0	0
0.142255	0	0	0	0	0	0
0.033482	0	0	0	0	0	0
0.002124	0	0	0	0	0	0
0.001564	0	0	0	0	0	0
0.008442	0	0	0	0	0	0
0.010541	0	0	0	0	0	0
0.00431	0	0	0	0	0	0
0.004674	0	0	0	0	0	0
0.005202	0	0	0	0	0	0
0.01941	0	0	0	0	0	0
0.035742	0	0	0	0	0	0
0.013509	0	0	0	0	0	0
0.002848	0	0	0	0	0	0
0.007084	0	0	0	0	0	0
0.018399	0	0	0	0	0	0
0.006713	0	0	0	0	0	0
0.005	0	0	0	0	4	4
0.000233	0	0	0	0	0	0
0.00292	0	0	0	0	0	0
0.002641	0	0	0	0	0	0
0.00444	0	0	0	0	0	0
0.002833	0	0	0	0	0	0
0.001303	0	0	0	0	0	0
0.00489	0	0	0	0	0	0
0.001458	0	0	0	0	0	0
0.004332	0	0	0	0	0	0
0.033167	0	0	0	0	0	0
0.028007	0	0	0	0	0	0
0.024472	0	0	0	0	0	0
0.02267	0	0	0	0	0	0
0.016649	0	0	0	0	0	0
0.012126	0	0	0	0	0	0
0.018624	0	0	0	0	0	0
0.014119	0	0	0	0	0	0
0.013301	0	0	0	0	0	0
0.01276	0	0	0	0	0	0
0.043589	0	0	0	0	0	0
0.008924	0	0	0	0	0	0

0.014452	0	0	0	0	0	0
0.076781	0	0	0	0	0	0
0.149691	0	0	0	0	0	0
0.00831	0	0	0	0	0	0
0.004835	0	0	0	0	0	0
0.018056	0	0	0	0	0	0
0.015756	0	0	0	0	0	0
0.036524	0	0	0	0	0	0
0.040466	0	0	0	0	0	0
0.015688	0	0	0	0	0	0
0.00752	0	0	0	0	0	0
0.006412	0	0	0	0	0	0
0.006511	0	0	0	0	0	0
0.010677	0	0	0	0	0	0
0.004797	0	0	0	0	0	0
0.016857	0	0	0	0	0	0
0.018385	0	0	0	0	0	0
0.105555	0	0	0	0	0	0
0.008218	0	0	0	0	0	0
0.011765	0	0	0	0	0	0
0.024402	0	0	0	0	0	0
0.022365	0	0	0	0	0	0
0.023169	0	0	0	0	0	0
0.029046	0	0	0	0	0	0
0.02074	0	0	0	0	0	0
0.01267	0	0	0	0	0	0
0.031457	0	0	0	0	0	0
0.05598	0	0	0	0	0	0
0.032821	0	0	0	0	0	0
0.058065	0	0	0	0	0	0
0.041976	0	0	0	0	0	0
0.045478	0	0	0	0	0	0
0.056791	0	0	0	0	0	0
0.026546	0	0	0	0	0	0
0.056368	0	0	0	0	0	0
0.063632	0	0	0	0	0	0
0.056281	0	0	0	0	0	0
0.060309	0	0	0	0	0	0
0.141577	0	0	0	0	0	0
0.026659	0	0	0	0	0	0
0.047763	0	0	0	0	0	0
0.037467	0	0	0	0	0	0
0.02809	0	0	0	0	0	0
0.057198	0	0	0	0	0	0
0.015337	0	0	0	0	0	0
0.010662	0	0	0	0	0	0
0.018016	0	0	0	0	0	0
0.022541	0	0	0	0	0	0
0.026181	0	0	0	0	0	0
0.04532	0	0	0	0	0	0

0.023642	0	0	0	0	0	0
0.023746	0	0	0	0	0	0
0.026319	0	0	0	0	0	0
0.038809	0	0	0	0	0	0
0.047759	0	0	0	0	0	0
0.033403	0	0	0	0	0	0
0.059958	0	0	0	0	0	0
0.050148	0	0	0	0	0	0
0.074772	0	0	0	0	0	0
0.051847	0	0	0	0	0	0
0.000916	0	0	0	0	17	17
0.000415	0	17	0	0	0	17
0.002052	0	0	0	0	0	0
0.020647	0	0	0	0	0	0
0.154131	0	0	0	0	0	0
0.109789	0	0	0	0	0	0
0.003362	0	0	0	0	0	0
0.005777	0	0	0	0	0	0
0.018795	0	0	0	0	0	0
0.011952	0	0	0	0	0	0
0.073386	0	0	0	0	0	0
0.0107	0	0	0	0	0	0
0.002742	0	0	0	0	0	0
0.003851	0	0	0	0	0	0
0.035548	0	0	0	0	0	0
0.053024	0	0	0	0	0	0
0.063341	0	0	0	0	0	0
0.078977	0	0	0	0	0	0
0.104466	0	0	0	0	0	0
0.03805	0	0	0	0	0	0
0.046134	0	0	0	0	0	0
0.062787	0	0	0	0	0	0
0.752038	0.02	0	0	0	0	0
0.057975	0	0	0	0	0	0
0.118022	0	0	0	0	0	0
0.057785	0	0	0	0	0	0
0.075497	0	0	0	0	0	0
0.046557	0	0	0	0	0	0
0.013829	0	0	0	0	0	0
0.030373	0	0	0	0	0	0
0.025685	0	0	0	0	0	0
0.008332	0	0	0	0	0	0
0.009575	0	0	0	0	0	0
0.03334	0	0	0	0	0	0
0.051115	0	0	0	0	0	0
0.01329	0	0	0	0	0	0
0.014273	0	0	0	0	0	0
0.012622	0	0	0	0	0	0
0.023661	0	0	0	0	0	0
0.006442	0	0	0	0	0	0

0.027513	0	0	0	0	0	0
0.026656	0	0	0	0	0	0
0.031073	0	0	0	0	0	0
0.039796	0	0	0	0	0	0
0.00952	0	0	0	0	0	0
0.009516	0	0	0	0	0	0
0.021522	0	0	0	0	0	0
0.035107	0	0	0	0	0	0
0.034295	0	0	0	0	0	0
0.033278	0	0	0	0	0	0
0.022927	0	0	0	0	0	0
0.010372	0	0	0	0	0	0
0.012332	0	0	0	0	0	0
0.04133	0	0	0	0	1	1
0.006096	0	1	0	0	0	1
0.007601	0	0	0	0	0	0
0.045738	0	0	0	0	0	0
0.047108	0	0	0	0	2	2
0.013738	0	2	0	0	0	2
0.007892	0	0	0	0	0	0
0.010527	0	0	0	0	0	0
0.012112	0	0	0	0	0	0
0.00749	0	0	0	0	0	0
0.008431	0	0	0	0	0	0
0.010751	0	0	0	0	0	0
0.011302	0	0	0	0	0	0
0.007378	0	0	0	0	10	10
0.018445	0	10	0	0	0	10
0.01099	0	0	0	0	0	0
0.013751	0	0	0	0	0	0
0.008923	0	0	0	0	0	0
0.034918	0	0	0	0	0	0
0.034184	0	0	0	0	0	0
0.064327	0	0	0	0	0	0
0.008614	0	0	0	0	0	0
0.006827	0	0	0	0	0	0
0.009812	0	0	0	0	0	0
0.007806	0	0	0	0	0	0
0.00583	0	0	0	0	0	0
0.014535	0	0	0	0	0	0
0.004166	0	0	0	0	0	0
0.003863	0	0	0	0	0	0
0.03373	0	0	1	1	0	2
0.060759	0.02	0	0	0	0	0
0.033616	0	0	0	0	0	0
0.010132	0	0	0	0	0	0
0.152323	0	0	0	0	0	0
0.028332	0	0	0	0	0	0
0.011154	0	0	0	0	0	0
0.00819	0	0	0	0	0	0



0.008978	0	0	0	0	0	0
0.008043	0	0	0	0	0	0
0.010895	0	0	0	0	0	0
0.005626	0	0	0	0	0	0
0.009193	0	0	0	0	0	0
0.180129	0.08	0	0	0	0	0
0.039392	0	0	0	0	0	0
0.01982	0	0	0	0	0	0
0.023262	0	0	0	0	0	0
0.022728	0	0	0	0	0	0
0.031477	0	0	0	0	0	0
0.025816	0	0	0	0	0	0
0.022645	0	0	0	0	0	0
0.010481	0	0	0	0	0	0
0.071724	0	0	0	0	0	0
0.095593	0	0	0	0	0	0
0.24133	0	0	0	0	0	0
0.276526	0	0	0	0	0	0
0.182865	0	0	0	0	0	0
0.123772	0	0	0	0	0	0
0.234148	0	0	0	0	0	0
0.086139	0	0	0	0	0	0
0.128963	0	0	0	0	0	0
0.039994	0	0	0	0	0	0
0.03691	0	0	0	0	0	0
0.024217	0	0	0	0	0	0
0.028227	0	0	0	0	0	0
0.270226	0	0	0	0	0	0
0.046202	0	0	0	0	0	0
0.054312	0	0	1	0	0	1
0.052635	0	0	0	0	0	0
0.048207	0	0	0	0	0	0
0.060626	0	0	0	0	0	0
0.040644	0	0	0	0	0	0
0.074076	0	0	0	0	0	0
0.060212	0	0	0	0	0	0
0.052095	0	0	0	0	0	0
0.040877	0	0	0	0	0	0
0.01221	0	0	0	0	0	0
0.016813	0	0	0	0	0	0
0.053542	0	0	0	0	0	0
0.985275	0.01	0	0	0	0	0
0.070861	0	0	0	0	0	0
0.056889	0	0	0	0	0	0
0.055638	0	0	0	0	0	0
0.052036	0	0	0	0	0	0
0.359493	0	0	0	0	0	0
0.038031	0	0	0	0	0	0
0.647123	0.09	0	0	0	0	0
0.0673	0	0	0	0	0	0

0.043759	0	0	0	0	0	0
0.053084	0	0	0	0	0	0
0.052946	0	0	0	0	0	0
0.078179	0	0	0	0	0	0
0.0562	0	0	0	0	0	0
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0.148089	0	0	0	0	0	0
0.084402	0	0	0	0	0	0
0.037151	0	0	0	0	0	0
0.078912	0	0	0	0	0	0
0.648516	0	0	0	0	0	0
0.471443	0	0	0	0	0	0
0.550279	0	0	0	0	0	0
0.01729	0	0	0	0	0	0
0.026711	0	0	0	0	0	0
0.074057	0	0	0	0	0	0
0.115476	0	0	0	0	0	0
0.051984	0	0	0	0	0	0
0.013763	0	0	0	0	0	0
0.016013	0	0	0	0	0	0
0.016072	0	0	0	0	0	0
0.03965	0	0	0	0	0	0
0.009286	0	0	0	0	0	0
0.013987	0	0	0	0	0	0
0.017541	0	0	0	0	0	0
0.12016	0	0	0	0	0	0
0.055177	0	0	0	0	0	0
0.016795	0	0	0	0	0	0
0.017265	0	0	0	0	0	0
0.008669	0	0	0	0	0	0
0.005111	0	0	0	0	0	0
0.006973	0	0	0	0	0	0
0.027083	0	0	0	0	0	0
0.011761	0	0	0	0	0	0
0.010396	0	0	0	0	0	0
0.011408	0	0	0	0	0	0
0.01056	0	0	0	0	0	0
0.020482	0	0	0	0	0	0
0.056229	0	0	0	0	0	0
0.012437	0	0	0	0	0	0
0.013593	0	0	0	0	0	0
0.010477	0	0	0	0	0	0
0.009813	0	0	0	0	0	0
0.016543	0	0	0	0	0	0
0.007358	0	0	0	0	0	0
0.011873	0	0	0	0	0	0
0.015323	0	0	0	0	0	0
0.053193	0	0	0	0	0	0
0.010098	0	0	0	0	0	0

0.007955	0	0	0	0	0	0
0.009895	0	0	0	0	0	0
0.015021	0	0	0	0	0	0
0.020869	0	0	0	0	0	0
0.037974	0	0	0	0	0	0
0.282655	0.28	0	0	0	0	0
0.073769	0	0	0	0	0	0
0.996406	0	0	0	0	0	0
0.037632	0	0	0	0	0	0
0.013807	0	0	0	0	0	0
0.072489	0	0	0	0	0	0
0.030261	0	0	0	0	0	0
0.045854	0	0	0	0	0	0
0.02914	0	0	0	0	0	0
0.112385	0	0	0	0	0	0
0.046183	0	0	0	0	0	0
0.051371	0	0	0	0	0	0
0.037576	0	0	0	0	0	0
0.018547	0	0	0	0	0	0
0.037035	0	0	0	0	0	0
0.043819	0	0	0	0	0	0
0.046775	0	0	0	0	0	0
0.146512	0	0	0	0	0	0
0.0456	0	0	0	0	0	0
0.133371	0	0	0	0	0	0
0.011499	0	0	0	0	6	6
0.063042	0	6	4	7	2	19
0.058086	0	0	0	0	0	0
0.11631	0	0	0	0	0	0
0.136586	0	0	0	0	0	0
0.099307	0	0	0	0	0	0
0.727716	0	0	0	0	0	0
0.164205	0	0	0	0	0	0
0.130224	0	0	0	0	0	0
0.021595	0	0	0	0	0	0
0.006345	0	0	0	0	0	0
0.011128	0.01	0	0	0	0	0
0.008074	0	0	0	0	0	0
0.008067	0	0	0	0	0	0
0.019164	0	0	0	0	0	0
0.037321	0	0	0	0	0	0
0.018192	0	0	0	0	0	0
0.007516	0	0	0	0	0	0
0.024317	0	0	0	0	0	0
0.014211	0	0	0	0	0	0
0.014536	0	0	0	0	0	0
0.019414	0	0	0	0	0	0
0.072005	0	0	0	0	0	0
0.027791	0	0	0	0	0	0
0.044434	0	0	0	0	0	0

0.01572	0	0	0	0	0	0
0.122526	0	0	0	0	0	0
0.037948	0	0	0	0	0	0
0.023476	0	0	0	0	0	0
0.003255	0	0	0	0	0	0
0.009582	0	0	0	0	0	0
0.007215	0	0	0	0	0	0
0.004059	0	0	0	0	0	0
0.00478	0	0	0	0	0	0
0.02841	0	0	0	0	0	0
0.023265	0	0	0	0	0	0
0.019397	0	0	0	0	0	0
0.018655	0	0	0	0	0	0
0.025008	0	0	0	0	0	0
0.013728	0	0	0	0	0	0
0.017488	0	0	0	0	6	6
0.012815	0	6	0	0	8	14
0.386383	0	8	0	0	0	8
0.015196	0	0	0	0	0	0
0.01027	0	0	0	0	0	0
0.023582	0	0	0	0	0	0
0.010549	0	0	0	0	0	0
0.034337	0	0	0	0	0	0
0.018892	0	0	0	0	0	0
0.030593	0	0	0	0	0	0
0.026101	0	0	0	0	0	0
0.027966	0	0	0	0	0	0
0.014697	0	0	0	0	0	0
0.018809	0	0	0	0	0	0
0.01197	0	0	0	0	0	0
0.011359	0	0	0	0	0	0
0.062243	0	0	0	0	0	0
0.041778	0	0	0	0	0	0
0.053565	0	0	0	0	0	0
0.042776	0	0	0	0	0	0
0.079178	0	0	0	0	0	0
0.076132	0	0	0	0	0	0
0.061921	0	0	0	0	0	0
0.019943	0	0	0	0	0	0
0.022465	0	0	0	0	0	0
0.022138	0	0	0	0	0	0
0.016083	0	0	0	0	0	0
0.016773	0	0	0	0	0	0
0.042488	0	0	0	0	0	0
0.026617	0	0	0	0	0	0
0.03587	0	0	0	0	0	0
0.035798	0	0	0	0	0	0
0.034372	0	0	0	0	0	0
0.024319	0	0	0	0	0	0
0.032983	0	0	0	0	0	0

0.025725	0	0	0	0	0	0
0.259009	0.05	0	0	0	0	0
0.126396	0	0	0	0	0	0
0.116067	0	0	0	0	0	0
0.045801	0	0	0	0	0	0
0.04242	0	0	0	0	0	0
0.08496	0	0	0	0	0	0
0.092399	0	0	0	0	0	0
0.072552	0	0	0	0	0	0
0.046153	0	0	0	0	0	0
0.018776	0	0	0	0	0	0
0.018844	0	0	0	0	0	0
0.051861	0	0	0	0	0	0
0.04939	0	0	0	0	0	0
0.017529	0	0	0	0	0	0
0.033051	0	0	0	0	0	0
0.036249	0	0	0	0	0	0
0.18064	0.02	0	0	0	0	0
0.020647	0	0	0	0	0	0
0.025249	0	0	0	0	0	0
0.044426	0	0	0	0	0	0
0.029681	0	0	0	0	0	0
0.264541	0	0	0	0	0	0
0.11344	0	0	0	0	0	0
0.110135	0	0	0	0	0	0
0.195455	0	0	0	0	0	0
0.163083	0	0	0	0	0	0
0.032422	0	0	0	0	0	0
0.107882	0	0	0	0	0	0
0.038977	0	0	0	7	6	13
0.036219	0	0	0	0	0	0
0.039544	0	0	0	0	0	0
0.033587	0	0	0	0	0	0
0.027307	0	0	0	0	0	0
0.030173	0	0	0	0	0	0
0.028208	0	0	0	0	0	0
0.022788	0	0	0	0	0	0
0.053737	0	6	0	0	3	9
0.032216	0	3	0	0	10	13
0.053363	0	10	0	0	8	18
0.037512	0	0	0	0	0	0
0.045597	0	0	0	0	0	0
0.032691	0	0	0	0	0	0
0.021997	0	0	0	0	0	0
0.041281	0.04	0	0	0	0	0
0.006461	0	0	0	0	0	0
0.004146	0	0	0	0	0	0
0.004196	0	0	0	0	0	0
0.002849	0	0	0	0	0	0
0.013595	0.01	0	0	0	0	0

0.004541	0	0	0	0	0	0
0.004025	0	0	0	0	0	0
0.003763	0	0	0	0	0	0
0.00373	0	0	0	0	0	0
0.009271	0	0	0	0	0	0
0.005933	0	0	0	0	0	0
0.006967	0	0	0	0	0	0
0.000957	0	0	0	0	0	0
0.001264	0	0	0	0	0	0
0.00714	0	0	0	0	0	0
0.010252	0	0	0	0	0	0
0.002856	0	0	0	0	0	0
0.003593	0	0	0	0	0	0
0.005841	0	0	0	0	0	0
0.003403	0	0	0	0	0	0
0.003681	0	0	0	0	0	0
0.003493	0	0	0	0	0	0
0.004156	0	0	0	0	0	0
0.002846	0	0	0	0	0	0
0.042103	0	0	0	0	0	0
0.021605	0	0	0	0	0	0
0.055719	0	0	0	0	0	0
0.035723	0	0	0	0	0	0
0.03551	0	0	0	0	0	0
0.041934	0	0	0	0	0	0
0.152823	0	0	0	0	0	0
0.027148	0	0	0	0	0	0
0.02888	0	0	0	0	0	0
0.038502	0	0	0	0	0	0
0.071467	0	0	0	0	0	0
0.053606	0	0	0	0	0	0
0.064749	0	0	0	0	0	0
0.055687	0	0	0	0	0	0
0.049602	0	0	0	0	0	0
0.042948	0	0	0	0	0	0
0.033995	0	0	0	0	0	0
0.040605	0	0	0	0	0	0
0.874381	0	0	0	0	0	0
0.882499	0	0	0	0	0	0
0.941921	0	0	0	0	0	0
0.9004	0	0	0	0	0	0
0.107313	0	0	0	5	0	5
0.017193	0	0	0	0	0	0
0.022169	0	0	0	0	0	0
0.029533	0	0	0	0	0	0
0.01014	0	0	0	0	0	0
0.003246	0	0	0	0	0	0
0.081316	0	0	0	6	0	6
0.004925	0	0	0	0	0	0
0.002211	0	0	0	0	0	0

0.140674	0	0	0	0	0	0
0.031964	0	0	0	0	0	0
0.014974	0	0	0	0	0	0
0.012876	0	0	0	0	0	0
0.030741	0	0	0	0	0	0
0.036677	0	0	0	0	0	0
0.051289	0	0	0	0	0	0
0.04069	0	0	0	0	0	0
0.076414	0	0	0	0	0	0
0.006047	0	0	0	0	0	0
0.006117	0	0	0	0	0	0
0.010351	0	0	0	0	0	0
0.024742	0	0	0	0	0	0
0.007733	0	0	0	0	0	0
0.013978	0	0	0	0	0	0
0.02859	0	0	0	0	0	0
0.165272	0.06	0	0	0	0	0
0.057933	0.01	0	0	0	0	0
0.0161	0	0	0	0	0	0
0.123516	0	0	0	0	0	0
0.017217	0	0	0	0	0	0
0.012674	0	0	0	0	0	0
0.026486	0	0	0	0	0	0
0.052181	0	0	0	0	0	0
0.020715	0	0	0	0	0	0
0.012301	0	0	0	0	0	0
0.009583	0	0	0	0	0	0
0.004755	0	0	0	0	0	0
0.00608	0	0	0	0	0	0
0.002077	0	0	0	0	0	0
0.00598	0	0	0	0	0	0
0.006389	0	0	0	0	0	0
0.01065	0	0	0	0	0	0
0.005605	0	0	0	0	0	0
0.015965	0	0	0	0	0	0
0.009646	0	0	0	0	0	0
0.004922	0	0	0	0	0	0
0.004588	0	0	0	0	0	0
0.02988	0	0	0	0	0	0
0.020149	0	0	0	0	0	0
0.024263	0	0	0	0	0	0
0.007099	0	0	0	0	0	0
0.027569	0	0	0	0	0	0
0.01081	0	0	0	0	0	0
0.008829	0	0	0	0	0	0
0.042354	0	0	0	0	0	0
0.03513	0	0	0	0	0	0
0.022976	0	0	0	0	0	0
0.044754	0	0	0	0	0	0
0.0086	0	0	0	0	0	0

0.130769	0	0	0	0	0	0
0.014972	0	0	0	0	0	0
0.046321	0	0	0	0	0	0
0.004997	0	0	0	0	0	0
0.004714	0	0	0	0	0	0
0.004058	0	0	0	0	0	0
0.17216	0.08	0	0	0	0	0
0.048008	0	0	0	0	0	0
0.048789	0	0	0	0	0	0
0.074628	0	0	0	0	0	0
0.055027	0	0	0	0	0	0
0.040695	0	0	0	0	0	0
0.11685	0	0	0	0	0	0
0.036402	0	0	0	0	0	0
0.030838	0	0	0	0	0	0
0.003003	0	0	0	0	0	0
0.007803	0	0	0	0	0	0
0.002638	0	0	0	0	0	0
0.009141	0	0	0	0	0	0
0.008483	0	0	0	0	0	0
0.015149	0	0	0	0	0	0
0.003644	0	0	0	0	0	0
0.008631	0	0	0	0	0	0
0.020696	0	0	0	0	0	0
0.007844	0	0	0	0	0	0
0.000439	0	0	0	0	0	0
0.00133	0	0	0	0	0	0
0.001454	0	0	0	0	0	0
0.005433	0	0	0	0	0	0
0.25247	0	0	0	0	0	0
0.004755	0	0	0	0	0	0
0.002472	0	0	0	0	0	0
0.002219	0	0	0	0	0	0
0.001419	0	0	0	0	0	0
0.005856	0	0	0	0	0	0
0.001348	0	0	0	0	0	0
0.002943	0	0	0	0	0	0
0.004298	0	0	0	0	0	0
0.524482	0.22	0	0	0	0	0
0.005202	0	0	0	0	0	0
0.004385	0	0	0	0	0	0
0.013839	0	0	0	0	0	0
0.006939	0	0	0	0	0	0
0.0067	0	0	0	0	0	0
0.067702	0	0	0	0	0	0
0.02983	0	0	0	0	0	0
0.185134	0	0	0	0	0	0
0.38681	0	0	0	0	0	0
0.370413	0.05	0	0	0	0	0
0.018277	0	0	0	0	0	0



0.076159	0	0	0	0	0	0
0.089926	0	0	0	0	0	0
0.309464	0.06	0	0	0	0	0
0.054503	0	0	0	0	0	0
0.241996	0	0	0	0	0	0
0.04528	0	0	0	0	0	0
0.066548	0	0	0	0	0	0
0.076638	0	0	0	0	0	0
0.020243	0	0	0	0	0	0
0.043888	0	0	0	0	0	0
0.032097	0	0	0	0	0	0
0.061691	0	0	0	0	0	0
0.052853	0	0	0	0	0	0
0.046025	0	0	0	0	0	0
0.081338	0	0	0	0	0	0
0.040965	0	0	0	0	0	0
0.044303	0	0	0	0	0	0
0.064149	0	0	0	0	0	0
0.033226	0	0	0	0	0	0
0.050779	0	0	0	0	0	0
0.033269	0	0	0	0	0	0
0.019883	0	0	0	0	0	0
0.014543	0	0	0	0	0	0
0.016362	0	0	0	0	0	0
0.017645	0	0	0	0	0	0
0.021872	0	0	0	0	0	0
0.118106	0	0	0	0	0	0
0.006549	0	0	0	0	0	0
0.002216	0	0	0	0	0	0
0.009308	0	0	0	0	0	0
0.032708	0	0	0	0	0	0
0.194958	0.06	0	0	0	0	0
0.029616	0	0	0	0	0	0
0.003474	0	0	0	0	0	0
0.003479	0	0	0	0	0	0
0.003147	0	0	0	0	0	0
0.002714	0	0	0	0	0	0
0.002838	0	0	0	5	0	5
0.001879	0	0	0	0	0	0
0.002001	0	0	0	0	0	0
0.005621	0	0	0	0	0	0
0.008473	0	0	0	0	0	0
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0.001987	0	0	0	0	0	0
0.001092	0	0	0	0	0	0
0.001913	0	0	0	0	0	0
0.002025	0	0	0	0	0	0
0.001815	0	0	0	0	0	0
0.005388	0	0	0	0	0	0
0.00175	0	0	0	0	0	0

0.002446	0	0	0	0	0	0
0.002885	0	0	0	0	0	0
0.00303	0	0	0	0	0	0
0.002082	0	0	0	0	0	0
0.00832	0	0	0	0	0	0
0.001855	0	0	0	0	0	0
0.001714	0	0	0	0	0	0
0.00137	0	0	0	0	0	0
0.019955	0	0	0	0	0	0
0.003096	0	0	0	0	0	0
0.005694	0	0	0	0	0	0
0.004112	0	0	0	0	0	0
0.002457	0	0	0	0	0	0
0.002891	0	0	0	0	0	0
0.005439	0	0	0	0	0	0
0.011624	0	0	0	0	0	0
0.001305	0	0	0	0	0	0
0.001338	0	0	0	0	0	0
0.0008	0	0	0	0	0	0
0.000532	0	0	0	0	0	0
0.041641	0	0	0	0	0	0
0.01198	0	0	0	0	0	0
0.006494	0	0	0	0	0	0
0.017351	0	0	0	0	0	0
0.021546	0	0	0	0	0	0
0.033602	0	0	0	0	0	0
0.006117	0	0	0	0	0	0
0.005696	0	0	0	0	0	0
0.005496	0	0	0	0	0	0
0.006662	0	0	0	0	0	0
0.007694	0	0	0	0	0	0
0.006224	0	0	0	0	0	0
0.091351	0	0	0	0	0	0
0.080538	0	0	0	0	0	0
0.050077	0	0	0	0	0	0
0.023018	0	0	0	0	0	0
0.035548	0	0	0	0	0	0
0.034711	0	0	0	0	0	0
0.093452	0	0	0	0	0	0
0.019934	0	0	0	0	0	0
0.082135	0	0	0	0	0	0
0.061118	0	0	0	0	0	0
0.098811	0	0	0	0	0	0
0.064083	0	0	0	0	0	0
0.003198	0	0	0	0	0	0
0.099484	0	0	0	0	0	0
0.094786	0	0	0	0	0	0
0.002499	0	0	0	0	0	0
0.001584	0	0	0	0	0	0
0.001785	0	0	0	0	0	0

0.001071	0	0	0	0	0	0
0.002394	0	0	0	0	0	0
0.001687	0	0	0	0	0	0
0.039741	0	0	0	0	0	0
0.054026	0	0	0	0	0	0
0.000315	0	0	0	0	0	0
0.000725	0	0	0	0	0	0
0.002201	0	0	0	0	0	0
0.001164	0	0	0	0	0	0
0.001761	0	0	0	0	0	0
0.00151	0	0	0	0	0	0
0.000505	0	0	0	0	0	0
0.000921	0	0	0	0	0	0
0.000517	0	0	0	0	0	0
0.001335	0	0	0	0	0	0
0.005445	0	0	0	0	0	0
0.012938	0	0	0	0	0	0
0.007611	0	0	0	0	0	0
0.009859	0	0	0	0	0	0
0.014057	0	0	0	0	0	0
0.017109	0	0	0	0	0	0
0.004954	0	0	0	0	0	0
0.002065	0	0	0	0	0	0
0.002039	0	0	0	0	0	0
0.002218	0	0	0	0	0	0
0.001766	0	0	0	0	0	0
0.001983	0	0	0	0	0	0
0.002185	0	0	0	0	0	0
0.012278	0	0	0	0	0	0
0.00537	0	0	0	0	0	0
0.003529	0	0	0	0	0	0
0.003237	0	0	0	0	0	0
0.002886	0	0	0	0	0	0
0.003444	0	0	0	0	0	0
0.001469	0	0	0	0	0	0
0.004718	0	0	0	0	0	0
0.000454	0	0	0	0	0	0
0.002864	0	0	0	0	0	0
0.00111	0	0	0	0	0	0
0.073623	0	0	0	0	0	0
0.037464	0	0	0	0	0	0
0.023076	0	0	0	0	0	0
0.033519	0	0	0	0	0	0
0.017829	0	0	0	0	0	0
0.00635	0	0	0	0	0	0
0.009662	0	0	0	0	0	0
0.030959	0	0	0	0	0	0
0.019509	0	0	0	0	0	0
0.022853	0	0	0	0	0	0
0.011135	0	0	0	0	0	0

0.015078	0	0	0	0	0	0
0.133872	0	0	0	0	0	0
0.012974	0	0	0	0	0	0
0.011677	0	0	0	0	0	0
0.062603	0	0	0	0	0	0
0.011265	0	0	0	0	0	0
0.008075	0	0	0	0	0	0
0.0062	0	0	0	0	0	0
0.017212	0	0	0	0	0	0
0.008107	0	0	0	0	0	0
0.006401	0	0	0	0	0	0
0.009081	0	0	0	0	0	0
0.03016	0	0	0	0	0	0
0.024088	0	0	0	0	0	0
0.011527	0	0	0	0	0	0
0.012271	0	0	0	0	0	0
0.007584	0	0	0	0	0	0
0.010356	0	0	0	0	0	0
0.011443	0	0	0	0	0	0
0.021175	0	0	0	0	0	0
0.010146	0	0	0	0	0	0
0.14068	0	0	0	0	0	0
0.001126	0	0	0	0	0	0
0.003937	0	0	0	0	0	0
0.006543	0	0	0	0	0	0
0.001413	0.01	0	0	0	0	0
0.009805	0	0	0	0	0	0
0.019883	0	0	0	0	0	0
0.012439	0	0	0	0	0	0
0.009563	0	0	0	0	0	0
0.000106	0	0	0	0	0	0
0.001813	0	0	0	0	0	0
0.009477	0	0	0	0	0	0
0.04052	0	0	0	0	0	0
0.022726	0	0	0	0	0	0
0.023057	0	0	0	0	0	0
0.017231	0	0	0	0	0	0
0.015033	0	0	0	0	0	0
0.011794	0	0	0	0	0	0
0.008598	0	0	0	0	0	0
0.013275	0	0	0	0	0	0
0.007204	0	0	0	0	0	0
0.005972	0	0	0	0	0	0
0.009698	0	0	0	0	0	0
0.048816	0	0	0	0	0	0
0.00979	0	0	0	0	0	0
0.00406	0	0	0	0	0	0
0.006605	0	0	0	0	0	0
0.011673	0	0	0	0	0	0
0.012126	0	0	0	0	0	0

0.003465	0	0	0	0	0	0
0.00734	0	0	0	0	0	0
0.009621	0	0	0	0	0	0
0.011705	0	0	0	0	0	0
0.010713	0	0	0	0	0	0
0.007316	0	0	0	0	0	0
0.004062	0	0	0	0	0	0
0.002551	0	0	0	0	0	0
0.00418	0	0	0	0	0	0
0.005952	0	0	0	0	0	0
0.003733	0	0	0	0	0	0
0.004969	0	0	0	0	0	0
0.013168	0	0	0	0	0	0
0.003992	0	0	0	0	0	0
0.014629	0	0	0	0	0	0
0.014362	0	0	0	0	0	0
0.011696	0	0	0	0	0	0
0.019685	0	0	0	0	0	0
0.010753	0	0	0	0	0	0
0.006925	0	0	0	0	0	0
0.07055	0	0	0	0	0	0
0.035139	0	0	0	0	2	2
0.004968	0	2	0	0	0	2
0.012228	0	0	0	0	0	0
0.009959	0	0	0	0	0	0
0.008327	0	0	0	0	0	0
0.016624	0	0	0	0	0	0
0.080669	0	0	0	0	0	0
0.033409	0	0	0	0	0	0
0.033141	0	0	0	0	0	0
0.01341	0	0	0	0	0	0
0.031754	0	0	0	0	0	0
0.026572	0	0	0	0	0	0
0.024966	0	0	0	0	0	0
0.029857	0	0	0	0	0	0
0.028613	0	0	0	0	0	0
0.047219	0	0	0	0	0	0
0.033347	0	0	0	0	0	0
0.040443	0	0	0	0	0	0
0.078595	0	0	0	0	0	0
0.049751	0	0	0	0	0	0
0.078431	0	0	0	0	0	0
0.034076	0	0	0	0	0	0
0.078754	0	0	0	0	0	0
0.058131	0	0	0	0	0	0
0.025541	0	0	0	0	0	0
0.007179	0	0	0	0	0	0
0.0094	0	0	0	0	0	0
0.033235	0	0	0	0	0	0
0.013245	0	0	0	0	0	0

0.026387	0	0	0	0	0	0
0.018351	0	0	0	0	0	0
0.061559	0	0	0	0	0	0
0.033496	0	0	0	0	0	0
0.016002	0	0	0	0	0	0
0.035317	0	0	0	0	0	0
0.014971	0	0	0	0	0	0
0.031875	0	0	0	0	0	0
0.023792	0	0	0	0	0	0
0.034088	0	0	0	0	0	0
0.034053	0	0	0	0	0	0
0.095365	0	0	0	0	0	0
0.054425	0	0	0	0	0	0
0.042072	0	0	0	0	0	0
0.126465	0	0	0	0	0	0
0.067888	0	0	0	0	0	0
0.00248	0	0	0	0	0	0
0.003466	0	0	0	0	0	0
0.028168	0	0	0	0	0	0
0.017663	0	0	0	0	0	0
0.014931	0	0	0	0	0	0
0.010453	0	0	0	0	0	0
0.023841	0	0	0	0	0	0
0.011182	0	0	0	0	0	0
0.00904	0	0	0	0	0	0
0.015354	0	0	0	0	0	0
0.0148	0	0	0	0	0	0
0.011714	0	0	0	0	0	0
0.011828	0	0	0	0	0	0
0.007489	0	0	0	0	0	0
0.005683	0	0	0	0	0	0
0.008536	0	0	0	0	0	0
0.007906	0	0	0	0	0	0
0.006783	0	0	0	0	0	0
0.006401	0	0	0	0	0	0
0.008601	0	0	0	0	0	0
0.015937	0	0	0	0	0	0
0.006991	0	0	0	0	0	0
0.006265	0	0	0	0	0	0
0.008678	0	0	0	0	0	0
0.014011	0	0	0	0	0	0
0.018751	0	0	0	0	0	0
0.017558	0	0	0	0	0	0
0.018906	0	0	0	0	0	0
0.025089	0	0	0	0	0	0
0.025456	0	0	0	0	0	0
0.03888	0	0	0	0	0	0
0.028077	0	0	0	0	0	0
0.026979	0	0	0	0	0	0
0.034938	0	0	0	0	0	0

0.027116	0	0	0	0	0	0
0.038468	0	0	0	0	0	0
0.035218	0	0	0	0	0	0
0.035516	0	0	0	0	0	0
0.025178	0	0	0	0	0	0
0.055962	0	0	0	0	0	0
0.031308	0	0	0	0	0	0
0.031155	0	0	0	0	0	0
0.017732	0	0	0	0	0	0
0.017849	0	0	0	0	0	0
0.037296	0	0	0	0	0	0
0.009672	0	0	0	0	0	0
0.018339	0	0	0	0	0	0
0.052054	0	0	0	0	0	0
0.04025	0	0	0	0	0	0
0.04801	0	0	0	0	0	0
0.087198	0	0	0	0	0	0
0.052344	0	0	0	0	0	0
0.035532	0	0	0	0	0	0
0.020724	0	0	0	0	0	0
0.391171	0	0	0	0	0	0
0.060548	0	0	0	0	0	0
0.089254	0	0	0	0	0	0
0.036514	0	0	0	0	0	0
0.313222	0	0	0	0	1	1
0.035949	0	0	0	0	0	0
0.062851	0	0	0	0	0	0
0.189985	0	0	0	0	0	0
0.287925	0	0	0	0	0	0
0.096125	0	0	0	0	0	0
0.048358	0	0	0	0	0	0
0.042182	0	0	0	0	0	0
0.013834	0	0	0	0	0	0
0.008629	0	0	0	0	0	0
0.017596	0	0	0	0	0	0
0.009154	0	0	0	0	0	0
0.441203	0	0	0	0	0	0
0.048169	0	0	0	0	0	0
0.049732	0	0	0	0	0	0
0.04481	0	0	0	0	0	0
0.043688	0	0	0	0	0	0
0.033004	0	0	0	0	0	0
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0.025842	0	0	0	0	0	0
0.065141	0	0	0	0	0	0
0.067069	0	0	0	0	0	0
0.042809	0	0	0	0	0	0
0.036595	0	0	0	0	0	0
0.028084	0	0	0	0	0	0

0.036081	0	0	0	0	0	0
0.052862	0	0	0	0	0	0
0.030792	0	0	0	0	0	0
0.02937	0	0	0	0	0	0
0.048231	0	0	0	0	0	0
0.053913	0	0	0	0	0	0
0.053031	0	0	0	0	0	0
0.024115	0	0	0	0	0	0
0.038775	0	0	0	0	0	0
0.045242	0	0	0	0	0	0
0.009839	0	0	0	0	0	0
0.035087	0	0	0	0	0	0
0.01252	0	0	0	0	0	0
0.015452	0	0	0	0	0	0
0.031171	0	0	0	0	0	0
0.046315	0	0	0	0	0	0
0.027798	0	0	0	0	0	0
0.0472	0	0	0	0	0	0
0.046922	0	0	0	0	0	0
0.041216	0	0	0	0	0	0
0.04132	0	0	0	0	0	0
0.035719	0	0	0	0	0	0
0.047599	0	0	0	0	0	0
0.096968	0	0	0	0	0	0
0.020376	0	0	0	0	0	0
0.035648	0	0	0	0	0	0
0.023963	0	0	0	0	0	0
0.057258	0.01	0	0	0	1	1
0.146601	0	1	0	0	0	1
0.139538	0	0	0	0	0	0
0.009076	0	0	0	0	4	4
0.014206	0	4	0	0	0	4
0.025985	0	0	0	0	0	0
0.014026	0	0	0	0	7	7
0.130635	0.07	7	0	0	6	13
0.013763	0	6	0	0	0	6
0.072042	0	0	0	0	0	0
0.0589	0	0	0	0	0	0
0.011106	0	0	0	0	0	0
0.02392	0	0	0	0	0	0
0.013646	0	0	0	0	0	0
0.016634	0	0	0	0	0	0
0.020519	0	0	0	0	0	0
0.000894	0	0	0	0	0	0
0.019638	0	0	0	0	0	0
0.00308	0	0	0	0	0	0
0.012007	0	0	0	0	0	0
0.004512	0	0	0	0	0	0
0.009406	0	0	0	0	0	0
0.000551	0	0	0	0	0	0



0.045599	0	0	0	0	0	0
0.019363	0	0	0	0	0	0
0.018625	0	0	0	0	0	0
0.015461	0	0	0	0	0	0
0.032944	0	0	0	0	0	0
0.034302	0	0	0	0	0	0
0.031059	0	0	0	0	0	0
0.019891	0	0	0	0	0	0
0.031468	0	0	0	0	0	0
0.023516	0	0	0	0	0	0
0.022412	0	0	0	0	0	0
0.024367	0	0	0	0	0	0
0.045086	0	0	0	0	0	0
0.063658	0	0	0	0	0	0
0.032063	0	0	0	0	0	0
0.006685	0	0	0	0	0	0
0.007303	0	0	0	0	0	0
0.007515	0	0	0	0	0	0
0.002467	0	0	0	0	0	0
0.048941	0	0	0	0	0	0
0.158495	0	0	0	0	0	0
0.016996	0	0	0	0	0	0
0.175456	0	0	0	0	0	0
0.080225	0	0	0	0	0	0
0.02077	0	0	0	0	0	0
0.052903	0	0	0	0	0	0
0.048394	0	0	0	0	0	0
0.022721	0	0	0	0	0	0
0.020386	0	0	0	0	0	0
0.018758	0	0	0	0	0	0
0.012389	0	0	0	0	0	0
0.027062	0	0	0	0	0	0
0.032844	0	0	0	0	0	0
0.019398	0	0	0	0	0	0
0.018381	0	0	0	0	0	0
0.12096	0	0	0	0	0	0
0.077433	0	0	0	0	0	0
0.153719	0	0	0	0	0	0
0.013624	0	0	0	0	0	0
0.085393	0.05	0	0	0	0	0
0.023304	0	0	0	0	0	0
0.157961	0	0	0	0	0	0
0.152575	0	0	0	0	0	0
0.115569	0	0	0	0	0	0
0.029965	0	0	0	0	0	0
0.073136	0	0	0	0	0	0
0.080205	0	0	0	0	0	0
0.080906	0	0	0	0	0	0
0.037043	0	0	0	0	0	0
0.072965	0	0	0	0	0	0

0.04724	0	0	0	0	0	0
0.101084	0	0	0	0	0	0
0.063131	0	0	0	0	0	0
0.17555	0.01	0	0	0	0	0
0.00581	0	0	0	0	0	0
0.003473	0	0	0	0	0	0
0.002956	0	0	0	0	0	0
0.003833	0	0	0	0	0	0
0.009156	0	0	0	0	0	0
0.007881	0	0	0	0	0	0
0.003673	0	0	0	0	0	0
0.00041	0	0	0	0	0	0
0.003941	0	0	0	0	0	0
0.007313	0	0	0	0	0	0
0.0036	0	0	0	0	0	0
0.002999	0	0	0	0	0	0
0.008543	0	0	0	0	0	0
0.003243	0	0	0	0	0	0
0.002911	0	0	0	0	0	0
0.023563	0	0	0	0	0	0
0.06958	0	0	0	0	0	0
0.139655	0	0	0	0	0	0
0.003379	0	0	0	0	0	0
0.027441	0	0	0	0	0	0
0.009229	0	0	0	0	0	0
0.155825	0	0	0	0	0	0
0.06531	0	0	0	3	0	3
0.102171	0	0	0	0	0	0
0.104031	0	0	0	0	0	0
0.326127	0	0	0	0	3	3
0.052014	0	3	0	0	0	3
0.043157	0	0	0	0	0	0
0.051831	0	0	0	0	0	0
0.079451	0	0	0	0	0	0
0.105181	0	0	0	0	0	0
0.07677	0.01	0	0	0	0	0
0.065345	0	0	0	0	0	0
0.1316	0	0	0	0	0	0
0.033214	0	0	0	0	0	0
0.1115	0	0	0	0	0	0
0.054132	0	0	0	0	0	0
0.04779	0	0	0	0	0	0
0.038894	0	0	0	0	0	0
0.056778	0	0	0	0	0	0
0.060113	0	0	0	0	0	0
0.06361	0	0	0	0	0	0
0.049842	0	0	0	0	0	0
0.064503	0	0	0	0	0	0
0.055728	0	0	0	0	0	0
0.013864	0	0	0	0	0	0

0.00632	0	0	0	0	0	0
0.029087	0	0	0	0	0	0
0.081236	0	0	0	0	0	0
0.004007	0	0	0	0	0	0
0.005326	0	0	0	0	0	0
0.007024	0	0	0	0	0	0
0.011384	0	0	0	0	0	0
0.014988	0	0	0	0	0	0
0.013934	0	0	0	0	0	0
0.01101	0	0	0	0	0	0
0.011025	0	0	0	0	0	0
0.009626	0	0	0	0	0	0
0.024009	0	0	0	0	0	0
0.018107	0	0	0	0	0	0
0.001625	0	0	0	0	0	0
0.001384	0	0	0	0	0	0
0.003328	0	0	0	0	0	0
0.003386	0	0	0	0	0	0
0.000851	0	0	0	0	0	0
0.005274	0	0	0	0	0	0
0.002819	0	0	0	0	0	0
0.016854	0	0	0	0	0	0
0.119629	0	0	0	0	0	0
0.084727	0	0	0	0	0	0
0.043511	0	0	0	0	0	0
0.025109	0	0	0	0	0	0
0.205185	0	0	0	0	0	0
0.060418	0	0	0	0	0	0
0.019077	0	0	0	0	0	0
0.011969	0	0	0	0	0	0
0.009555	0	0	0	0	0	0
0.019324	0	0	0	0	0	0
0.002387	0	0	0	0	0	0
0.001333	0	0	0	0	0	0
0.001312	0	0	0	0	0	0
0.001114	0	0	0	0	0	0
0.000739	0	0	0	0	0	0
0.001236	0	0	0	0	0	0
0.001141	0	0	0	0	0	0
0.004915	0	0	0	0	0	0
0.009487	0	0	0	0	0	0
0.013412	0	0	0	0	0	0
0.007289	0	0	0	0	0	0
0.010003	0	0	0	0	0	0
0.026713	0	0	0	0	0	0
0.061143	0	0	0	0	0	0
0.000537	0	0	0	0	0	0
0.025661	0	0	0	0	0	0
0.004135	0	0	0	0	0	0
0.326326	0.02	0	0	0	0	0

0.008533	0	0	0	0	0	0
0.010544	0	0	0	0	0	0
0.007862	0	0	0	0	0	0
0.010053	0	0	0	0	0	0
0.006305	0	0	0	0	0	0
0.008004	0	0	0	0	3	3
0.072821	0	3	0	0	0	3
0.030348	0	0	0	0	0	0
0.037354	0	0	0	0	0	0
0.044562	0	0	0	0	0	0
0.032051	0	0	0	0	0	0
0.017904	0	0	0	0	3	3
0.009389	0	3	0	0	0	3
0.021265	0	0	0	0	0	0
0.011691	0	0	0	0	0	0
0.025398	0	0	0	0	0	0
0.00817	0	0	0	0	0	0
0.021272	0	0	0	0	0	0
0.061917	0	0	0	0	0	0
0.022918	0	0	0	0	0	0
0.044353	0	0	0	0	0	0
0.015676	0	0	0	0	0	0
0.008096	0	0	0	0	0	0
0.040844	0	0	0	0	0	0
0.018867	0	0	0	0	0	0
0.066608	0	0	0	0	0	0
0.130568	0	0	0	0	0	0
0.061403	0	0	0	0	0	0
0.13077	0	0	0	0	0	0
0.021934	0	0	0	0	0	0
0.827245	0	0	0	0	0	0
0.155396	0	0	0	0	0	0
0.021257	0	0	0	0	0	0
0.011743	0	4	0	0	6	10
0.006708	0	0	0	0	0	0
0.005698	0.03	0	0	0	0	0
0.003408	0	6	0	0	0	6
0.004083	0	0	0	0	0	0
0.014465	0	0	0	0	0	0
0.012515	0	0	0	0	0	0
0.003498	0	0	0	0	0	0
0.003137	0	0	0	0	0	0
0.009002	0	0	0	0	0	0
0.009879	0	0	0	0	0	0
0.005703	0	0	0	0	0	0
0.009475	0	0	0	0	0	0
0.009741	0	0	0	0	0	0
0.014262	0	0	0	0	0	0
0.020249	0	0	0	0	0	0
0.018702	0	0	0	0	0	0

0.027115	0	0	0	0	0	0
0.013993	0	0	0	0	0	0
0.084863	0.01	0	0	0	0	0
0.044271	0	0	0	0	0	0
0.18424	0	0	0	0	0	0
0.022713	0	0	0	0	0	0
0.041865	0	0	0	0	0	0
0.053039	0	0	0	0	0	0
0.018791	0	0	0	0	0	0
0.016325	0	0	0	0	0	0
0.015418	0	0	0	0	0	0
0.021903	0	0	0	0	0	0
0.019115	0	0	0	0	0	0
0.050235	0	0	0	0	0	0
0.015262	0	0	0	0	0	0
0.127732	0	0	0	0	0	0
0.074426	0.06	0	0	0	0	0
0.113905	0	0	0	0	0	0
0.941076	0	0	0	0	0	0
0.092788	0.05	0	0	0	0	0
0.635656	0.26	0	0	0	0	0
0.303311	0	0	0	0	0	0
0.000694	0	0	0	0	0	0
0.029755	0	0	0	0	0	0
0.161152	0	0	0	0	0	0
0.034833	0.01	0	0	0	0	0
0.009403	0	0	0	0	0	0
0.007871	0	0	0	0	0	0
0.035358	0	0	0	0	0	0
0.007921	0	0	0	0	0	0
0.008395	0	0	0	0	0	0
0.126129	0	0	0	0	0	0
0.086994	0	0	0	0	0	0
0.127303	0	0	0	0	0	0
0.089776	0	0	0	0	0	0
0.117115	0	0	0	0	0	0
0.056964	0	0	0	0	0	0
0.26067	0	0	0	0	0	0
0.205437	0	0	0	0	0	0
0.13875	0	0	0	0	0	0
0.254114	0	0	0	0	0	0
0.126239	0	0	0	0	0	0
0.103467	0	0	0	0	0	0
0.458021	0	0	0	0	0	0
0.003992	0	0	0	0	0	0
0.001462	0	0	0	0	0	0
0.003085	0	0	0	0	0	0
0.001332	0	0	0	0	0	0
0.007916	0	0	0	0	0	0
0.002418	0	0	0	0	0	0

0.002899	0	0	0	0	0	0
0.005422	0	0	0	0	0	0
0.10145	0	0	0	0	0	0
0.006664	0	0	0	0	0	0
0.016284	0	0	0	0	1	1
0.158449	0	0	0	0	0	0
0.039749	0	0	0	0	0	0
0.043477	0	0	0	0	0	0
0.226618	0	0	0	0	0	0
0.013997	0	0	0	0	0	0
0.004109	0	0	0	0	0	0
0.008685	0	0	0	0	0	0
0.005744	0	0	0	0	0	0
0.027773	0	0	0	0	0	0
0.055116	0	0	0	0	0	0
0.065376	0	0	0	0	0	0
0.071846	0	0	0	0	0	0
0.006621	0	0	0	0	0	0
0.001576	0	0	0	0	0	0
0.001663	0	0	0	0	0	0
0.001149	0	0	0	0	0	0
0.002083	0	0	0	0	0	0
0.008184	0	0	0	4	0	4
0.001414	0	0	0	0	0	0
0.065142	0	0	0	0	0	0
0.075646	0	0	0	0	0	0
0.052996	0	0	0	0	0	0
0.139367	0	0	0	0	0	0
0.054679	0	0	0	0	0	0
0.084499	0	0	0	0	0	0
0.042652	0	0	0	0	0	0
0.05792	0	0	0	0	0	0
0.120911	0	0	0	0	0	0
0.054751	0	0	0	0	0	0
0.059199	0	0	0	0	0	0
0.047292	0	0	0	0	0	0
0.035882	0	0	0	0	0	0
0.03002	0	0	0	0	0	0
0.028809	0	0	0	0	0	0
0.018815	0	0	0	0	0	0
0.04359	0	0	0	0	0	0
0.01994	0	0	0	0	0	0
0.019084	0	0	0	0	0	0
0.015816	0	0	0	0	0	0
0.033867	0	0	0	0	0	0
0.058017	0	0	0	0	0	0
0.041167	0	0	0	0	0	0
0.043174	0	0	0	0	0	0
0.029863	0	0	0	0	0	0
0.031658	0	0	0	0	0	0

0.083297	0	0	0	0	0	0
0.023776	0	0	0	0	0	0
0.000283	0	0	0	0	0	0
0.000393	0	0	0	0	0	0
0.000325	0	0	0	0	0	0
0.00057	0	0	0	0	0	0
0.00059	0	0	0	0	0	0
0.000298	0	0	0	0	0	0
0.007678	0	0	0	0	0	0
0.000311	0	0	0	0	0	0
0.00118	0	0	0	0	0	0
0.004423	0	0	0	0	0	0
0.001259	0	0	0	0	0	0
0.002252	0	0	0	0	0	0
0.002139	0	0	0	0	0	0
0.00101	0	0	0	0	0	0
0.00055	0	0	0	0	0	0
0.000752	0	0	0	0	0	0
0.002351	0	0	0	0	0	0
0.001013	0	0	0	0	0	0
0.002468	0	0	0	0	0	0
0.000266	0	0	0	0	0	0
0.000919	0	0	0	0	0	0
0.00066	0	0	0	0	0	0
0.000406	0	0	0	0	0	0
0.000272	0	0	0	0	0	0
0.000474	0	0	0	0	0	0
0.001368	0	0	0	0	0	0
0.004097	0.01	0	0	0	0	0
0.004163	0	0	0	0	0	0
0.003903	0.01	0	0	0	0	0
0.004045	0.01	0	0	0	0	0
0.003262	0	0	0	0	0	0
0.004355	0	0	0	0	0	0
0.048518	0	0	0	0	0	0
0.008981	0	0	0	0	0	0
0.038756	0	0	0	0	0	0
0.046758	0	0	0	0	0	0
0.00731	0	0	0	0	0	0
0.02308	0	0	0	0	0	0
0.109971	0.01	0	0	0	0	0
0.309468	0	0	0	0	0	0
0.039045	0	0	0	0	0	0
0.00323	0	0	0	0	0	0
0.00628	0	0	0	0	0	0
0.010398	0	0	0	0	0	0
0.003681	0	0	0	0	0	0
0.002638	0	0	0	0	0	0
0.002847	0	0	0	0	0	0
0.00467	0	0	0	0	0	0

0.001667	0	0	0	0	0	0
0.005119	0	0	0	0	0	0
0.012226	0	0	0	0	0	0
0.013504	0	0	0	0	0	0
0.002502	0	0	0	0	0	0
0.018704	0	0	0	0	0	0
0.071756	0	0	0	0	0	0
0.067291	0	0	0	0	0	0
0.024532	0	0	0	0	0	0
0.023277	0	0	0	0	0	0
0.023845	0	0	0	0	0	0
0.080819	0	0	0	0	0	0
0.084836	0	0	0	0	0	0
0.067969	0	0	0	0	0	0
0.015439	0	0	0	0	0	0
0.129602	0	0	0	0	0	0
0.062965	0	0	0	0	0	0
0.815067	0	0	0	0	0	0
0.066178	0	0	0	0	0	0
0.004941	0	0	0	0	0	0
0.006357	0	0	0	0	0	0
0.005967	0	0	0	0	0	0
0.00465	0	0	0	0	0	0
0.006394	0	0	0	0	0	0
0.004372	0	0	0	0	0	0
0.005808	0	0	0	0	0	0
0.004623	0	0	0	0	1	1
0.012731	0	1	0	0	0	1
0.006394	0	0	0	0	0	0
0.004944	0	0	0	0	0	0
0.002252	0	0	0	0	0	0
0.007555	0	0	0	0	0	0
0.004695	0	0	0	0	0	0
0.007801	0	0	0	0	0	0
0.022048	0	0	0	0	0	0
0.007388	0	0	0	0	0	0
0.014431	0	0	0	0	0	0
0.017113	0	0	0	0	0	0
0.014886	0	0	0	0	0	0
0.007904	0	0	0	0	0	0
0.006195	0	0	0	0	0	0
0.021064	0	0	0	0	0	0
0.007155	0	0	0	0	0	0
0.062888	0	0	0	0	0	0
0.048296	0	0	0	0	0	0
0.067979	0	0	0	0	0	0
0.053808	0	0	0	0	0	0
0.053029	0	0	0	0	0	0
0.055607	0	0	0	0	0	0
0.043719	0	0	0	0	0	0



0.110132	0	0	0	0	0	0
0.033096	0	0	0	0	0	0
0.011703	0	0	0	0	0	0
0.088389	0	0	0	0	0	0
0.002162	0	0	0	0	0	0
0.007784	0	0	0	0	0	0
0.025209	0	0	0	0	0	0
0.170823	0	0	0	0	0	0
0.03116	0	0	0	0	0	0
0.049035	0	0	0	0	0	0
0.011012	0	0	0	0	0	0
0.01063	0	0	0	0	0	0
0.019074	0	0	0	0	0	0
0.038176	0	0	0	0	0	0
0.018856	0	0	0	0	0	0
0.022269	0	0	0	0	0	0
0.203876	0	0	0	0	0	0
0.007197	0	0	0	0	0	0
0.010931	0	0	0	0	0	0
0.006687	0	0	0	0	0	0
0.021584	0	0	0	0	0	0
0.010857	0	0	0	0	0	0
0.021575	0	0	0	0	0	0
0.00781	0	0	0	0	0	0
0.007269	0	0	0	0	0	0
0.014107	0	0	0	0	0	0
0.003112	0	0	0	0	0	0
0.005503	0.01	0	0	0	0	0
0.002269	0	0	0	0	0	0
0.008959	0	0	0	0	0	0
0.007039	0.01	0	0	0	0	0
0.035218	0	0	0	0	0	0
0.049703	0.06	3	0	0	0	3
0.004494	0	0	0	0	0	0
0.046251	0	0	0	0	9	9
0.072156	0	9	0	0	0	9
0.01429	0	0	0	0	0	0
0.036031	0	0	0	0	0	0
0.022048	0	0	0	0	0	0
0.005497	0	0	0	0	0	0
0.002424	0	0	0	0	0	0
0.005196	0	0	0	0	0	0
0.004557	0	0	0	0	0	0
0.011467	0	0	0	0	0	0
0.002041	0	0	0	0	0	0
0.004056	0	0	0	0	0	0
0.011208	0	0	0	0	0	0
0.006255	0	0	0	0	0	0
0.016638	0	0	0	0	0	0
0.024963	0	0	0	0	0	0

0.0018	0	0	0	0	0	0
0.001836	0	0	0	0	0	0
0.001773	0	0	0	0	0	0
0.297992	0	0	0	0	0	0
0.02094	0	0	0	0	0	0
0.069401	0	0	0	0	0	0
0.047663	0	0	0	0	0	0
0.045136	0	0	0	0	0	0
0.021289	0	0	0	0	0	0
0.076135	0	0	0	0	0	0
0.063708	0	0	0	0	7	7
0.139892	0	7	0	0	0	7
0.219179	0.05	0	0	0	0	0
0.245785	0	0	0	0	0	0
0.049274	0	0	0	0	0	0
0.037351	0	0	0	0	0	0
0.026062	0	0	0	0	0	0
0.120526	0	0	0	0	0	0
0.277063	0	0	0	0	0	0
0.096545	0	0	0	0	0	0
0.104529	0	0	0	0	0	0
0.095699	0	0	0	0	0	0
0.033141	0	0	0	0	0	0
0.019378	0	0	0	0	0	0
0.210816	0.06	0	0	7	0	7
0.20238	0.03	0	0	0	0	0
0.094204	0	0	0	0	0	0
0.052606	0	0	0	0	0	0
0.068596	0	0	0	0	0	0
0.0401	0	0	0	0	0	0
0.038753	0	0	0	0	0	0
0.277641	0.04	0	0	0	0	0
0.138827	0	0	0	0	0	0
0.072411	0	0	0	0	0	0
0.905424	0.93	0	0	0	0	0
0.003236	0	0	0	0	0	0
0.009035	0	0	0	0	0	0
0.004018	0	0	0	0	0	0
0.003598	0	0	0	0	0	0
0.020193	0	0	0	0	0	0
0.020626	0	0	0	0	0	0
0.753055	0.15	0	0	0	0	0
0.007558	0	0	0	0	0	0
0.017416	0	0	0	0	0	0
0.008173	0	0	0	0	0	0
0.008531	0	0	0	0	0	0
0.006832	0	0	0	0	0	0
0.004073	0	0	0	0	0	0
0.00885	0	0	0	0	0	0
0.009519	0	0	0	0	0	0

0.022078	0	0	1	0	0	1
0.046172	0	0	0	0	0	0
0.034237	0	0	0	0	0	0
0.019754	0	0	0	0	0	0
0.016626	0	0	0	0	0	0
0.012974	0	0	0	0	0	0
0.016925	0	0	0	0	0	0
0.012105	0	0	0	0	0	0
0.019281	0	0	0	0	0	0
0.080668	0	0	0	0	0	0
0.066965	0	0	0	0	0	0
0.090042	0	0	0	0	0	0
0.029627	0	0	0	0	0	0
0.034672	0	0	0	0	0	0
0.009429	0	0	0	0	0	0
0.015638	0	0	0	0	0	0
0.011117	0	0	0	0	0	0
0.009522	0	0	0	0	0	0
0.010377	0	0	0	0	0	0
0.006032	0	0	0	0	0	0
0.014364	0	0	0	0	0	0
0.377363	0	0	0	0	0	0
0.047631	0	0	0	0	0	0
0.038527	0	0	0	0	0	0
0.06392	0	0	0	0	0	0
0.032132	0	0	0	0	0	0
0.089734	0	0	0	0	0	0
0.042656	0	0	0	0	0	0
0.10268	0	0	0	0	0	0
0.143296	0	0	0	0	0	0
0.032246	0	0	0	0	0	0
0.287104	0.11	0	0	0	0	0
0.140505	0	0	0	0	0	0
0.023816	0	0	0	0	0	0
0.031312	0	0	0	0	0	0
0.043568	0	0	0	0	0	0
0.05808	0	0	0	0	0	0
0.056876	0	0	0	0	0	0
0.061421	0	0	0	0	0	0
0.050635	0	0	0	0	0	0
0.036918	0	0	0	0	0	0
0.067618	0	0	0	0	0	0
0.029036	0	0	0	0	0	0
0.013007	0	0	0	0	0	0
0.010537	0	0	0	0	0	0
0.013414	0	0	0	0	0	0
0.003434	0	0	0	0	0	0
0.01108	0	0	0	0	0	0
0.006962	0	0	0	0	0	0
0.009226	0	0	0	0	0	0

0.008549	0	0	0	0	0	0
0.010553	0	0	0	0	0	0
0.005878	0	0	0	0	0	0
0.010137	0	0	0	0	0	0
0.015603	0	0	0	0	0	0
0.006673	0	0	0	0	0	0
0.008999	0	0	0	0	2	2
0.009175	0	0	0	0	0	0
0.003904	0	0	0	0	0	0
0.04047	0	0	0	0	0	0
0.002926	0	0	0	0	0	0
0.009865	0	0	0	0	0	0
0.005734	0	2	0	0	0	2
0.017626	0	0	0	0	0	0
0.009062	0	0	0	0	0	0
0.017255	0	0	0	0	0	0
0.00752	0	0	0	0	0	0
0.046871	0	0	0	0	0	0
0.124123	0	0	0	0	0	0
0.011721	0	0	0	0	0	0
0.056976	0	0	0	0	0	0
0.199767	0	0	0	0	0	0
0.042679	0	0	0	0	0	0
0.026046	0	0	0	0	0	0
0.019469	0	0	0	0	0	0
0.026682	0	0	0	0	0	0
0.357927	0	0	0	0	0	0
0.034892	0	0	0	0	0	0
0.036186	0	0	0	0	0	0
0.034606	0	0	0	0	0	0
0.019661	0	0	0	0	0	0
0.037463	0	0	0	0	0	0
0.042869	0	0	0	0	0	0
0.046659	0	0	0	0	0	0
0.025522	0	0	0	0	0	0
0.02997	0	0	0	0	0	0
0.015682	0	0	0	0	0	0
0.034668	0	0	0	0	0	0
0.07409	0	0	0	0	0	0
0.028581	0	0	0	0	0	0
0.040203	0	0	0	0	0	0
0.039593	0	0	0	0	0	0
0.030392	0	0	0	0	0	0
0.031299	0	0	0	0	0	0
0.047266	0	0	0	0	0	0
0.191302	0.12	1	0	0	0	1
0.038325	0	0	0	0	0	0
0.273632	0.12	0	0	0	0	0
0.029727	0	0	0	0	0	0
0.085054	0	0	0	0	0	0

0.016354	0	0	0	0	0	0
0.010365	0	0	0	0	0	0
0.045173	0	0	0	0	0	0
0.012496	0	0	0	0	0	0
0.034616	0	0	0	0	0	0
0.884744	0.06	0	0	0	0	0
0.058197	0	0	0	0	0	0
0.050111	0	0	0	0	0	0
0.049501	0	0	0	0	0	0
0.092799	0	0	0	0	0	0
0.026477	0	0	0	0	0	0
0.031766	0	0	0	0	0	0
0.108371	0	0	0	0	0	0
0.078939	0	0	0	0	0	0
0.180319	0.05	0	0	0	0	0
0.136639	0.04	0	0	0	0	0
0.079198	0.02	0	0	0	0	0
0.202546	0.07	0	0	0	0	0
0.23667	0.14	0	0	0	1	1
0.235289	0	0	0	0	0	0
0.015246	0	0	0	0	0	0
0.016556	0	0	0	0	0	0
0.019753	0	0	0	0	0	0
0.028286	0	0	0	0	0	0
0.04236	0	0	0	0	0	0
0.010819	0	0	0	0	0	0
0.008629	0	0	0	0	0	0
0.009318	0	0	0	0	0	0
0.009063	0	0	0	0	0	0
0.013214	0	0	0	0	0	0
0.013211	0	0	0	0	0	0
0.017569	0	0	0	0	0	0
0.033952	0	0	0	0	0	0
0.101469	0	0	0	0	0	0
0.011304	0	0	0	0	0	0
0.008847	0	0	0	0	0	0
0.007942	0	0	0	0	0	0
0.01242	0	0	0	0	0	0
0.007214	0	0	0	0	0	0
0.004849	0	0	0	0	0	0
0.021888	0	0	0	0	0	0
0.025659	0	0	0	0	0	0
0.018788	0	0	0	0	0	0
0.021695	0	0	0	0	0	0
0.02267	0	0	0	0	0	0
0.018315	0	0	0	0	0	0
0.024746	0	0	0	0	0	0
0.036321	0	0	0	2	0	2
0.014491	0	0	0	0	0	0
0.020803	0	0	0	0	0	0

0.009931	0	0	0	0	0	0
0.007538	0	0	0	0	0	0
0.156766	0.02	0	0	0	0	0
0.030894	0	0	0	0	0	0
0.032943	0	0	0	0	1	1
0.023963	0	1	0	0	0	1
0.027021	0	0	0	0	0	0
0.056654	0	0	0	0	0	0
0.027037	0	0	0	0	0	0
0.081173	0	0	0	0	0	0
0.019202	0	0	0	0	0	0
0.113303	0.05	0	0	0	0	0
0.096747	0	0	0	0	0	0
0.024077	0	0	0	0	0	0
0.084169	0	0	0	0	0	0
0.045202	0	0	0	0	0	0
0.017113	0	0	0	0	0	0
0.092337	0.07	0	0	0	0	0
0.034223	0	0	0	0	0	0
0.014569	0	0	0	0	0	0
0.064823	0	0	0	0	0	0
0.126775	0	0	0	0	0	0
0.033535	0	0	0	0	0	0
0.019861	0	0	0	0	0	0
0.040248	0	0	0	0	0	0
0.052271	0	0	0	0	0	0
0.038929	0	0	0	0	0	0
0.03982	0	0	0	0	0	0
0.038205	0	0	0	0	0	0
0.060957	0	0	0	0	0	0
0.098242	0	0	0	0	0	0
0.044048	0	0	0	0	0	0
0.1072	0	0	0	0	0	0
0.074886	0	0	0	0	0	0
0.085193	0	0	0	0	0	0
0.070769	0	0	0	0	0	0
0.025079	0	0	0	0	0	0
0.03988	0	0	0	0	0	0
0.023971	0	0	0	0	0	0
0.023558	0	0	0	0	0	0
0.027411	0	0	0	0	0	0
0.006778	0	0	0	0	0	0
0.062589	0.09	0	0	0	0	0
0.003382	0	0	0	0	0	0
0.008849	0	0	0	0	0	0
0.005728	0	0	0	0	0	0
0.000218	0	0	0	0	0	0
0.003116	0	0	0	0	0	0
0.006653	0	3	0	0	0	3
0.016218	0	0	0	0	0	0

0.019122	0	0	0	0	0	0
0.034653	0	0	0	0	0	0
0.077378	0	0	0	0	0	0
0.051055	0.03	0	0	0	0	0
0.144923	0.12	0	0	0	0	0
0.003103	0	0	0	0	0	0
0.006295	0	0	0	0	0	0
0.006557	0	0	0	0	0	0
0.017153	0	0	0	0	0	0
0.013237	0.01	7	3	3	0	13
0.029721	0	0	0	0	0	0
0.005494	0	0	0	0	0	0
0.044134	0	0	0	0	0	0
0.044201	0	0	0	0	0	0
0.037572	0	0	0	0	0	0
0.035445	0	0	0	0	0	0
0.043073	0	0	0	0	0	0
0.089373	0	0	0	0	0	0
0.005428	0	0	0	0	0	0
0.002999	0	0	0	0	0	0
0.003723	0	0	0	0	0	0
0.003919	0	0	0	0	0	0
0.033285	0	0	0	0	0	0
0.043037	0	0	0	0	0	0
0.0194	0	3	0	0	0	3
0.002075	0	0	0	0	0	0
0.00535	0	0	0	0	0	0
0.002375	0	0	0	0	0	0
0.003885	0	0	0	0	0	0
0.001504	0	0	0	0	0	0
0.001169	0	0	0	0	0	0
0.0008	0	0	0	0	0	0
0.001792	0	0	0	0	0	0
0.001393	0	0	0	0	0	0
0.000808	0	0	0	0	0	0
0.002911	0	0	0	0	0	0
0.000784	0	0	0	0	0	0
0.000961	0	0	0	0	0	0
0.0027	0	0	0	0	0	0
0.003533	0	0	0	0	0	0
0.002032	0	0	0	0	0	0
0.00289	0	0	0	0	0	0
0.007305	0	0	0	0	0	0
0.002402	0	0	0	0	0	0
0.001856	0	0	0	0	0	0
0.001452	0	0	0	0	0	0
0.002103	0	0	0	0	0	0
0.001188	0	0	0	0	0	0
0.001414	0	0	0	0	0	0
0.018107	0	0	0	0	8	8

0.021688	0	8	0	0	0	8
0.093011	0	0	0	0	0	0
0.056013	0	0	0	0	0	0
0.058638	0	0	0	0	0	0
0.064445	0	0	0	0	0	0
0.101208	0	0	0	0	0	0
0.0532	0	0	0	0	0	0
0.044664	0	0	0	0	0	0
0.043946	0	0	0	0	0	0
0.066212	0	0	0	0	0	0
0.043811	0	0	0	0	0	0
0.052203	0	0	0	0	0	0
0.08381	0	0	0	0	0	0
0.036652	0	0	0	0	0	0
0.044144	0	0	0	0	0	0
0.037258	0	0	0	0	0	0
0.028288	0	0	0	0	0	0
0.041263	0	0	0	0	0	0
0.020199	0	0	0	0	0	0
0.03733	0	0	0	0	0	0
0.049083	0	0	0	0	0	0
0.022542	0	0	0	0	0	0
0.015437	0	0	0	0	0	0
0.08907	0	0	0	0	0	0
0.047929	0	0	0	0	0	0
0.037271	0	0	0	0	0	0
0.016688	0	0	0	0	0	0
0.014372	0	0	0	0	0	0
0.00967	0	0	0	0	0	0
0.012848	0	0	0	0	0	0
0.020689	0	0	0	0	0	0
0.016742	0	0	0	0	0	0
0.024252	0	0	0	0	0	0
0.035615	0	0	0	0	0	0
0.009886	0	0	0	0	0	0
0.005557	0	0	0	0	0	0
0.04634	0	0	0	0	0	0
0.060379	0	0	0	0	0	0
0.075022	0	0	0	0	0	0
0.054999	0	0	0	0	0	0
0.0546	0	0	0	0	0	0
0.033686	0	0	0	0	0	0
0.037931	0	0	0	0	0	0
0.030419	0	0	0	0	0	0
0.041887	0	0	0	0	0	0
0.028986	0	0	0	0	0	0
0.05535	0	0	0	0	0	0
0.061676	0	0	0	0	0	0
0.049856	0	0	0	0	0	0
0.022326	0	0	0	0	0	0



0.04328	0	0	0	0	0	0
0.083894	0	0	0	0	0	0
0.088486	0	0	0	0	0	0
0.006463	0	0	0	0	0	0
0.008824	0	0	0	0	0	0
0.012694	0	0	0	0	0	0
0.010449	0	0	0	0	0	0
0.007585	0	0	0	0	0	0
0.013419	0	0	0	0	0	0
0.014637	0	0	0	0	0	0
0.011403	0	0	0	0	0	0
0.011477	0	0	0	0	0	0
0.006506	0	0	0	0	0	0
0.005429	0	0	0	0	0	0
0.005669	0	0	0	0	0	0
0.007429	0	0	0	0	0	0
0.11725	0	0	0	0	0	0
0.053846	0	0	0	0	0	0
0.06592	0	0	0	0	0	0
0.055748	0	0	0	0	0	0
0.067591	0	0	0	0	0	0
0.057229	0	0	0	0	0	0
0.05659	0	0	0	0	0	0
0.047294	0	0	0	0	0	0
0.06743	0	0	0	0	0	0
0.081894	0	0	0	0	0	0
0.038693	0	0	0	0	0	0
0.025334	0	0	0	0	0	0
0.068881	0	0	0	0	0	0
0.087696	0	0	0	0	0	0
0.057008	0	0	0	0	0	0
0.078121	0	0	0	0	0	0
0.06521	0	0	0	0	0	0
0.042041	0	0	0	0	0	0
0.079952	0	0	0	0	0	0
0.023168	0	0	0	0	0	0
0.029479	0	0	0	0	0	0
0.020212	0	0	0	0	0	0
0.048604	0	0	0	0	0	0
0.060668	0	0	0	0	0	0
0.083336	0	0	0	0	0	0
0.050325	0	0	0	0	0	0
0.079476	0	0	0	0	0	0
0.047937	0	0	0	0	0	0
0.121267	0	0	0	0	0	0
0.062436	0	0	0	0	0	0
0.071167	0	0	0	0	0	0
0.082433	0	0	0	0	0	0
0.071441	0	0	0	0	0	0
0.051568	0	0	0	0	0	0

0.067206	0	0	0	0	0	0
0.067664	0	0	0	0	0	0
0.032121	0	0	0	0	0	0
0.042275	0	0	0	0	0	0
0.027539	0	0	0	0	0	0
0.028266	0	0	0	0	0	0
0.030644	0	0	0	0	0	0
0.012305	0	0	0	0	0	0
0.026713	0	0	0	0	0	0
0.016064	0	0	0	0	0	0
0.047479	0	0	0	0	0	0
0.056397	0	0	0	0	0	0
0.312754	0	0	0	0	0	0
0.04498	0	0	0	0	0	0
0.049742	0	0	0	0	0	0
0.135741	0	0	0	0	0	0
0.239375	0	0	0	0	0	0
0.047487	0	0	0	0	0	0
0.176129	0	0	0	0	0	0
0.056143	0	0	0	0	0	0
0.063793	0	0	0	0	0	0
0.135685	0	0	0	0	0	0
0.027971	0	0	0	0	0	0
0.124522	0	0	0	0	0	0
0.161288	0	0	0	0	0	0
0.051139	0	0	0	0	0	0
0.06838	0	0	0	0	0	0
0.061411	0	0	0	0	0	0
0.081519	0	0	0	0	0	0
0.026562	0	0	0	0	0	0
0.014424	0	0	0	0	0	0
0.01969	0	0	0	0	0	0
0.030116	0	0	0	0	0	0
0.05413	0	0	0	1	0	1
0.154166	0.01	0	0	0	0	0
0.210723	0	0	0	0	0	0
0.183184	0	0	0	0	0	0
0.016921	0	0	0	0	0	0
0.018399	0	0	0	0	0	0
0.016799	0	0	0	0	0	0
0.023944	0	0	0	0	0	0
0.012576	0	0	0	0	0	0
0.022291	0	0	0	0	0	0
0.215318	0	0	0	0	0	0
0.016159	0	0	0	0	0	0
0.010839	0	0	0	0	0	0
0.01641	0	0	0	0	0	0
0.069222	0	0	0	0	0	0
0.009526	0	0	0	0	0	0
0.014646	0	0	0	0	0	0

0.00849	0	0	0	0	0	0
0.01619	0	0	0	0	0	0
0.016748	0	0	0	0	0	0
0.02041	0	0	0	0	0	0
0.013261	0	0	0	0	0	0
0.019921	0	0	0	0	0	0
0.017712	0	0	0	0	0	0
0.043322	0	0	0	0	0	0
0.046174	0	0	0	0	0	0
0.021042	0	0	0	0	0	0
0.025728	0	0	0	0	0	0
0.022127	0	0	0	0	0	0
0.04739	0	0	0	0	0	0
0.046359	0	0	0	0	0	0
0.050227	0	0	0	0	0	0
0.01408	0	0	0	0	0	0
0.016232	0	0	0	0	0	0
0.040975	0	0	0	0	0	0
0.053061	0	0	0	0	0	0
0.030138	0	0	0	0	0	0
0.013333	0	0	0	0	0	0
0.007508	0	0	0	0	0	0
0.010103	0	0	0	0	0	0
0.022688	0	0	0	0	0	0
0.022177	0	0	0	0	0	0
0.013065	0	0	0	0	0	0
0.024666	0	0	0	0	0	0
0.020694	0	0	0	0	0	0
0.011094	0	0	0	0	0	0
0.008638	0	0	0	0	0	0
0.013327	0	0	0	0	0	0
0.012301	0	0	0	0	0	0
0.0103	0	0	0	0	0	0
0.010774	0	0	0	0	0	0
0.035024	0	0	0	0	0	0
0.013106	0	0	0	0	0	0
0.023613	0	0	0	0	0	0
0.027093	0	0	0	0	0	0
0.031763	0	0	0	0	0	0
0.01671	0	0	0	0	0	0
0.007709	0	0	0	0	0	0
0.015849	0	0	0	0	0	0
0.069105	0	0	0	0	0	0
0.01376	0	0	0	0	0	0
0.0098	0	0	1	0	0	1
0.006584	0	0	0	0	0	0
0.019124	0	0	0	0	0	0
0.006735	0	0	0	0	0	0
0.014919	0	0	0	0	0	0
0.009782	0	0	0	0	0	0

0.014402	0	0	0	0	0	0
0.006561	0	0	0	0	0	0
0.023083	0	0	0	0	0	0
0.003336	0	0	0	0	0	0
0.006205	0	0	0	0	0	0
0.008873	0	0	0	0	0	0
0.003802	0	0	0	0	0	0
0.004788	0	0	0	0	0	0
0.030143	0	0	0	0	0	0
0.00754	0	0	0	0	0	0
0.005177	0	0	0	0	0	0
0.017353	0	0	0	0	0	0
0.023453	0	0	0	0	0	0
0.02417	0	0	0	0	0	0
0.019751	0	0	0	0	0	0
0.027653	0	0	0	0	0	0
0.786971	0	0	0	0	0	0
0.729477	0	0	0	0	0	0
0.936231	0.32	0	0	0	0	0
0.056061	0	0	0	0	0	0
0.040875	0	0	0	0	0	0
0.087363	0	0	0	0	0	0
0.054786	0	0	0	0	0	0
0.017629	0	0	0	0	0	0
0.015341	0	0	0	0	0	0
0.009043	0	0	0	0	0	0
0.100074	0	0	0	0	0	0
0.017995	0	0	0	0	0	0
0.027384	0	0	0	0	0	0
0.017252	0	0	0	0	0	0
0.043957	0	0	0	0	0	0
0.021684	0	0	0	0	0	0
0.038026	0	0	0	0	0	0
0.034476	0	0	0	0	0	0
0.021278	0	0	0	0	0	0
0.031247	0	0	0	0	0	0
0.057921	0	0	0	0	0	0
0.025384	0	0	0	0	0	0
0.024205	0	0	0	0	0	0
0.1069	0	0	0	0	0	0
0.059397	0	0	0	0	0	0
0.068394	0	0	0	0	0	0
0.054191	0	0	0	0	0	0
0.043989	0	0	0	0	0	0
0.121514	0	0	0	0	0	0
0.090312	0	0	0	0	0	0
0.128195	0	0	0	0	0	0
0.056028	0	0	0	0	0	0
0.068366	0	0	0	0	0	0
0.046216	0	0	0	0	0	0

0.053372	0	0	0	0	0	0
0.045443	0	0	0	0	0	0
0.072643	0	0	0	0	0	0
0.044444	0	0	0	0	0	0
0.095711	0	0	0	0	0	0
0.027913	0	0	0	0	0	0
0.032946	0	0	0	0	0	0
0.032606	0	0	0	0	0	0
0.031606	0	0	0	0	0	0
0.030717	0	0	0	0	0	0
0.022025	0	0	0	0	0	0
0.018809	0	0	0	0	1	1
0.068472	0	13	0	0	0	13
0.089897	0.01	0	2	0	0	2
0.037489	0	0	0	5	1	6
0.025246	0	1	6	0	5	12
0.027107	0	5	0	0	0	5
0.019967	0	0	0	0	0	0
0.020436	0	0	0	0	0	0
0.176479	0	0	0	0	0	0
0.07999	0	0	0	0	0	0
0.04097	0	0	0	0	0	0
0.058619	0	0	0	0	0	0
0.074158	0	0	0	0	0	0
0.062328	0	0	0	0	0	0
0.046793	0	0	0	0	0	0
0.059668	0	0	0	0	0	0
0.090424	0	0	0	0	0	0
0.044358	0	0	0	0	0	0
0.082534	0	0	0	0	0	0
0.046135	0	0	0	0	0	0
0.109982	0	0	0	0	0	0
0.040919	0	0	0	0	0	0
0.052636	0	0	0	0	0	0
0.061028	0	0	0	0	0	0
0.152385	0	0	0	0	0	0
0.089723	0	0	0	0	0	0
0.041335	0	0	0	0	0	0
0.031157	0	0	0	0	0	0
0.042634	0	0	0	0	0	0
0.064323	0	0	0	0	0	0
0.050796	0	0	0	0	0	0
0.04759	0	0	0	0	0	0
0.055052	0	0	0	0	0	0
0.055203	0	0	0	0	0	0
0.030987	0	0	0	0	0	0
0.046526	0	0	0	0	0	0
0.032118	0	0	0	0	0	0
0.048518	0	0	0	0	0	0
0.047592	0	0	0	0	0	0

0.034745	0	0	0	0	0	0
0.059315	0	0	0	0	0	0
0.051122	0	0	0	0	10	10
0.050979	0	10	0	0	0	10
0.145298	0	0	0	0	0	0
0.053796	0	0	0	0	0	0
0.096522	0	0	0	0	0	0
0.020552	0	0	0	0	0	0
0.054618	0	0	0	0	0	0
0.03684	0	0	0	0	0	0
0.048805	0	0	0	0	0	0
0.072016	0	0	0	0	0	0
0.003684	0	0	0	0	0	0
0.023625	0	0	0	0	0	0
0.024416	0	0	0	0	0	0
0.019294	0	0	0	0	0	0
0.036137	0	0	0	0	0	0
0.068999	0	0	0	0	0	0
0.040801	0.02	0	0	0	0	0
0.010096	0	0	0	0	0	0
0.04805	0	0	0	0	0	0
0.048545	0	0	0	0	0	0
0.488146	0.12	0	0	0	0	0
0.066709	0	0	0	0	0	0
0.060428	0	0	0	0	0	0
0.726029	0.3	0	0	0	0	0
0.047415	0	0	0	0	0	0
0.046232	0	0	0	0	0	0
0.05085	0	0	0	0	0	0
0.140638	0	0	0	0	0	0
0.049601	0	0	0	0	0	0
0.054967	0	0	0	0	0	0
0.112231	0	0	0	0	0	0
0.051214	0	0	0	0	0	0
0.068967	0	0	0	0	0	0
0.068652	0	0	0	0	0	0
0.042703	0	0	0	0	0	0
0.056488	0	0	0	0	0	0
0.056061	0	0	0	0	0	0
0.082702	0	0	0	0	0	0
0.046574	0	0	0	0	0	0
0.046927	0	0	0	0	0	0
0.035071	0	0	0	0	0	0
0.037686	0	0	0	0	0	0
0.028028	0	0	0	0	0	0
0.037713	0	0	0	0	0	0
0.025473	0	0	0	0	0	0
0.030007	0	0	0	0	0	0
0.019103	0	0	0	0	0	0
0.027956	0	0	0	0	0	0

0.023805	0	0	0	0	0	0
0.15764	0	0	0	0	0	0
0.027234	0	0	0	0	0	0
0.029038	0	0	0	0	0	0
0.027034	0	0	0	0	0	0
0.018988	0	0	0	0	0	0
0.028179	0	0	0	0	0	0
0.020209	0	0	0	0	0	0
0.028014	0	0	0	0	0	0
0.016666	0	0	0	0	0	0
0.028756	0	0	0	0	0	0
0.018777	0	0	0	0	0	0
0.021916	0	0	0	0	0	0
0.03399	0	0	0	0	0	0
0.010015	0	0	0	0	0	0
0.011192	0	0	0	0	0	0
0.016422	0	0	0	0	0	0
0.00951	0	0	0	0	0	0
0.017445	0	0	0	0	0	0
0.009587	0	0	0	0	0	0
0.012317	0	0	0	0	0	0
0.034669	0	0	0	0	0	0
0.075475	0	0	0	0	0	0
0.010779	0	0	0	0	0	0
0.007347	0	0	0	0	0	0
0.047554	0	0	0	0	0	0
0.022391	0	0	0	0	0	0
0.006962	0	0	0	0	0	0
0.009153	0	0	0	0	0	0
0.05143	0	0	0	0	0	0
0.054517	0	0	0	0	0	0
0.055254	0	0	0	0	0	0
0.058875	0	0	0	0	0	0
0.040281	0	0	0	0	0	0
0.201909	0	0	0	0	0	0
0.315211	0.02	0	0	0	0	0
0.03875	0	0	0	0	0	0
0.04536	0	0	0	0	0	0
0.061587	0	0	0	0	0	0
0.046527	0	0	0	0	0	0
0.055354	0	0	0	0	0	0
0.053124	0	0	0	0	0	0
0.047053	0	0	0	0	0	0
0.058945	0	0	0	0	0	0
0.03891	0	0	0	0	0	0
0.07169	0	0	0	0	0	0
0.18488	0	0	0	0	0	0
0.044138	0	0	0	0	0	0
0.066128	0	0	0	0	0	0
0.064627	0	0	0	0	0	0

0.066896	0	0	0	0	0	0
0.059515	0	0	0	0	0	0
0.056925	0	0	0	0	0	0
0.049223	0	0	0	0	0	0
0.047717	0	0	0	0	0	0
0.050884	0	0	0	0	0	0
0.055695	0	0	0	0	0	0
0.055795	0	0	0	0	0	0
0.038449	0	0	0	0	0	0
0.059443	0	0	0	0	0	0
0.051419	0	0	0	0	0	0
0.056564	0	0	0	0	0	0
0.039498	0	0	0	0	0	0
0.044316	0	0	0	0	0	0
0.051721	0	0	0	0	0	0
0.041175	0	0	0	0	0	0
0.022168	0	0	0	0	0	0
0.03146	0	0	0	0	0	0
0.022546	0	0	0	0	0	0
0.026783	0	0	0	0	0	0
0.030528	0	0	0	0	0	0
0.020486	0	0	0	0	0	0
0.026049	0	0	0	0	0	0
0.029516	0	0	0	0	0	0
0.023307	0	0	0	0	0	0
0.036955	0	0	0	0	0	0
0.073543	0	0	0	0	0	0
0.04694	0	0	0	0	0	0
0.140257	0	0	0	0	0	0
0.028355	0	0	0	0	0	0
0.021099	0	0	0	0	0	0
0.018679	0	0	0	0	0	0
0.042734	0	0	0	0	0	0
0.011462	0	0	0	0	0	0
0.01335	0	0	0	0	0	0
0.014778	0	0	0	0	0	0
0.010508	0	0	0	0	0	0
0.017845	0	0	0	0	0	0
0.009462	0	0	0	0	0	0
0.01472	0	0	0	0	0	0
0.010934	0	0	0	0	0	0
0.00885	0	0	0	0	0	0
0.015874	0	0	0	0	0	0
0.011722	0	0	0	0	0	0
0.010311	0	0	0	0	0	0
0.007545	0	0	0	0	0	0
0.009043	0	0	0	0	0	0
0.048572	0	0	0	0	0	0
0.010937	0	0	0	0	0	0
0.019282	0	0	0	0	0	0



0.009212	0	0	0	0	0	0
0.01284	0	0	0	0	0	0
0.00963	0	0	0	0	0	0
0.005576	0	0	0	0	0	0
0.004592	0	0	0	0	0	0
0.005088	0	0	0	0	0	0
0.003892	0	0	0	0	0	0
0.003623	0	0	0	0	0	0
0.006821	0	0	0	0	0	0
0.00513	0	0	0	0	0	0
0.004855	0	0	0	0	0	0
0.012623	0	0	0	0	0	0
0.005164	0	0	0	0	0	0
0.004208	0	0	0	0	0	0
0.004522	0	0	0	0	0	0
0.003261	0	0	0	0	0	0
0.006483	0	0	0	0	0	0
0.015597	0	0	0	0	0	0
0.015897	0	0	0	0	0	0
0.013575	0	0	0	0	0	0
0.013616	0	0	0	0	0	0
0.010947	0	0	0	0	0	0
0.157471	0	0	0	0	0	0
0.011828	0	0	0	0	0	0
0.037247	0	0	0	3	0	3
0.068778	0	0	0	0	0	0
0.032911	0	0	0	0	0	0
0.025245	0	0	0	0	0	0
0.031553	0	0	0	0	0	0
0.027638	0	0	0	0	0	0
0.046118	0	0	0	0	0	0
0.04719	0	0	0	0	0	0
0.014113	0	0	0	0	0	0
0.00998	0	0	0	0	0	0
0.017557	0	0	0	0	0	0
0.026982	0	0	0	0	0	0
0.060036	0	0	0	0	0	0
0.018073	0	0	0	0	0	0
0.077314	0	0	0	0	0	0
0.087735	0	0	0	0	0	0
0.124778	0	0	0	0	0	0
0.046637	0	0	0	0	0	0
0.028561	0	0	0	0	0	0
0.015401	0	0	0	0	0	0
0.069976	0	0	0	0	0	0
0.050008	0	0	0	0	0	0
0.039817	0	0	0	0	0	0
0.162708	0.02	0	0	0	0	0
0.061666	0	0	0	0	0	0
0.056078	0	0	0	0	0	0

0.059062	0	0	0	0	0	0
0.19989	0	0	0	0	0	0
0.074354	0	0	0	6	0	6
0.050323	0	0	0	0	0	0
0.005785	0	0	0	0	0	0
0.006163	0	0	0	0	0	0
0.004478	0	0	0	0	0	0
0.005467	0	0	0	0	0	0
0.008599	0	0	0	0	0	0
0.010576	0	0	0	0	0	0
0.007505	0	0	0	0	0	0
0.043724	0	0	0	0	0	0
0.00571	0	0	0	0	0	0
0.004549	0	0	0	0	0	0
0.024912	0	0	0	0	0	0
0.056339	0	0	0	0	0	0
0.016188	0	0	0	0	0	0
0.042991	0	0	0	0	0	0
0.091548	0	0	0	0	0	0
0.07025	0	0	0	0	0	0
0.02191	0	0	0	0	0	0
0.027304	0	0	0	0	0	0
0.118781	0	0	0	0	0	0
0.002323	0	0	0	0	0	0
0.029507	0	0	0	0	0	0
0.003939	0	0	0	0	0	0
0.021457	0	0	0	0	0	0
0.007617	0	0	0	0	0	0
0.003158	0	0	0	0	0	0
0.005568	0	0	0	0	0	0
0.00397	0	0	0	0	0	0
0.004083	0	0	0	0	0	0
0.010845	0	0	0	0	0	0
0.007015	0	0	0	0	0	0
0.006737	0	0	0	0	0	0
0.011385	0	0	0	0	0	0
0.030517	0	0	0	0	0	0
0.044193	0	0	0	0	0	0
0.051205	0	0	0	0	0	0
0.067914	0	0	0	0	0	0
0.099457	0	0	0	0	0	0
0.201544	0.04	0	0	0	0	0
0.023331	0	0	0	0	0	0
0.037862	0	0	0	0	0	0
0.028821	0	0	0	0	0	0
0.025656	0	0	0	0	0	0
0.070314	0	0	0	0	0	0
0.365067	0	0	0	0	0	0
0.324622	0	0	0	0	0	0
0.384308	0	0	0	0	0	0

0.118567	0	0	0	0	0	0
0.066171	0	0	0	0	0	0
0.03741	0	0	0	0	0	0
0.03905	0	0	0	0	0	0
0.035139	0	0	0	0	0	0
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0.170023	0	0	0	0	0	0
0.085644	0	0	0	0	0	0
0.087808	0	0	0	0	0	0
0.019027	0	0	0	0	0	0
0.065266	0	0	0	0	0	0
0.097624	0	0	0	0	0	0
0.141709	0	0	0	0	0	0
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0.196843	0	0	0	0	0	0
0.019132	0	0	0	0	0	0
0.02356	0	0	0	0	0	0
0.005059	0	0	0	0	0	0
0.012818	0	0	0	0	0	0
0.333739	0	0	0	0	3	3
0.009523	0	3	0	0	0	3
0.043444	0	0	0	0	0	0
0.005843	0	0	0	0	0	0
0.006518	0	0	0	0	0	0
0.026298	0	0	0	0	0	0
0.005129	0	0	0	0	0	0
0.003559	0	0	0	0	0	0
0.006358	0	0	0	0	0	0
0.007644	0	0	0	0	0	0
0.016579	0	0	0	0	0	0
0.099688	0.01	0	0	0	0	0
0.015702	0	0	0	0	0	0
0.003867	0	0	0	0	0	0
0.034933	0	0	0	0	0	0
0.288673	0.02	0	0	0	0	0
0.00737	0	0	0	0	0	0
0.004235	0	0	0	0	0	0
0.004705	0	0	0	0	0	0
0.008345	0	0	0	0	0	0
0.007272	0	0	0	0	0	0
0.008496	0	0	0	0	0	0
0.003393	0	0	0	0	0	0
0.026816	0	0	0	0	0	0
0.007904	0	0	0	0	0	0
0.007354	0	0	0	0	0	0
0.031083	0	0	0	0	0	0
0.054604	0	0	0	0	0	0
0.012434	0	0	0	0	0	0
0.008843	0	0	0	0	0	0

0.005375	0	0	0	0	0	0
0.007508	0	0	0	0	0	0
0.008006	0	0	0	0	0	0
0.007665	0	0	0	0	0	0
0.010502	0	0	0	0	3	3
0.013544	0	3	0	0	0	3
0.007219	0	0	0	0	0	0
0.009847	0	0	0	0	0	0
0.012438	0	0	0	0	0	0
0.024108	0	0	0	0	0	0
0.386236	0.2	0	0	0	0	0
0.202314	0.19	0	0	0	0	0
0.059205	0	0	0	0	0	0
0.022511	0	0	0	0	0	0
0.016521	0	0	0	0	0	0
0.015842	0	0	0	0	0	0
0.028757	0	0	0	0	0	0
0.01438	0	0	0	0	0	0
0.017271	0	0	0	0	0	0
0.312972	0.16	0	0	0	0	0
0.068277	0	0	0	0	0	0
0.027593	0	0	0	0	0	0
0.029107	0	0	0	0	0	0
0.041182	0	0	0	0	0	0
0.065045	0	0	0	0	0	0
0.020956	0	0	0	0	0	0
0.030874	0	0	0	0	0	0
0.017363	0	0	0	0	0	0
0.026927	0	0	0	0	0	0
0.015201	0	0	0	0	0	0
0.01419	0	0	0	0	0	0
0.023017	0	0	0	0	0	0
0.038769	0	0	0	0	0	0
0.066307	0	0	0	0	0	0
0.072468	0	0	0	0	0	0
0.023616	0	0	0	0	0	0
0.038622	0	0	0	0	0	0
0.036262	0	0	0	0	0	0
0.035151	0	0	0	0	0	0
0.046477	0	0	0	0	0	0
0.034498	0	0	0	0	0	0
0.030809	0	0	0	0	0	0
0.042103	0	0	0	0	0	0
0.110897	0	0	0	0	0	0
0.001967	0	0	0	0	0	0
0.000607	0	0	0	0	0	0
0.000517	0	0	0	0	0	0
0.001432	0	0	0	0	0	0
0.001907	0	0	0	0	0	0
0.000909	0	0	0	0	0	0

0.005423	0	0	0	0	0	0
0.000614	0	0	0	0	0	0
0.00205	0	0	0	0	0	0
0.001542	0	0	0	0	0	0
0.003394	0	0	0	0	0	0
0.002143	0	0	0	0	0	0
0.002315	0	0	0	0	0	0
0.00213	0	0	0	0	0	0
0.000164	0	0	0	0	0	0
0.003214	0	0	0	0	0	0
0.00055	0	0	0	0	0	0
0.003773	0	0	0	0	0	0
0.001508	0	0	0	0	0	0
0.369525	0.03	0	0	0	0	0
0.034627	0	0	10	0	8	18
0.034889	0	0	0	0	0	0
0.003306	0	0	0	0	0	0
0.007799	0	0	0	0	0	0
0.007688	0	0	0	0	0	0
0.015645	0	0	0	0	0	0
0.062861	0.02	8	0	0	0	8
0.02018	0	0	0	0	0	0
0.020275	0	0	0	0	0	0
0.01745	0	0	0	0	4	4
0.006477	0	4	0	0	0	4
0.008521	0	0	0	0	0	0
0.015653	0	0	0	0	0	0
0.033038	0	0	0	7	0	7
0.005313	0	0	0	0	0	0
0.012272	0	0	0	0	0	0
0.005509	0	0	0	0	0	0
0.005724	0	0	0	0	0	0
0.029157	0	0	0	0	0	0
0.011889	0	0	0	0	0	0
0.005965	0	0	0	0	0	0
0.011312	0	0	0	0	0	0
0.13488	0	0	0	0	0	0
0.040554	0.02	0	0	0	0	0
0.096715	0	0	0	0	0	0
0.19935	0	0	0	0	0	0
0.096098	0	0	0	0	0	0
0.249818	0	0	0	0	0	0
0.094122	0	0	0	0	0	0
0.064014	0	0	0	0	0	0
0.077068	0	0	0	0	0	0
0.023561	0	0	0	0	0	0
0.001999	0	0	0	4	0	4
0.000731	0	0	0	0	0	0
0.008582	0	0	0	0	0	0
0.002202	0	0	0	0	0	0

0.001492	0	0	0	0	0	0
0.001437	0	0	0	0	0	0
0.001138	0	0	0	0	0	0
0.037172	0	0	0	0	0	0
0.039033	0	0	0	0	0	0
0.03459	0	0	0	0	0	0
0.058248	0	0	0	0	0	0
0.029818	0	0	0	0	0	0
0.037714	0	0	0	0	0	0
0.047611	0	0	0	0	0	0
0.044902	0	0	0	0	0	0
0.033759	0	0	0	0	0	0
0.033213	0	0	0	0	0	0
0.065243	0	0	0	0	0	0
0.032179	0	0	0	0	0	0
0.041067	0	0	0	0	0	0
0.056045	0	0	0	0	0	0
0.040945	0	0	0	0	0	0
0.110464	0	0	0	0	0	0
0.028841	0	0	0	0	0	0
0.043706	0	0	0	0	0	0
0.038525	0	0	0	0	0	0
0.032642	0	0	0	0	0	0
0.027717	0	0	0	0	0	0
0.070719	0	0	0	0	0	0
0.057118	0	0	0	0	0	0
0.038198	0	0	0	0	0	0
0.047307	0	0	0	0	0	0
0.056417	0	0	0	0	0	0
0.048599	0	0	0	0	0	0
0.066017	0	0	0	0	0	0
0.039144	0	0	0	0	0	0
0.044346	0	0	0	0	0	0
0.034152	0	0	0	0	0	0
0.061459	0	0	0	0	0	0
0.047881	0	0	0	0	0	0
0.038043	0	0	0	0	0	0
0.068797	0	0	0	0	0	0
0.04636	0	0	0	0	0	0
0.018463	0	0	0	0	0	0
0.061058	0	0	0	0	0	0
0.01746	0	0	0	0	0	0
0.027503	0	0	0	0	0	0
0.056606	0	0	0	0	0	0
0.116074	0	0	0	0	0	0
0.099001	0	0	0	0	0	0
0.014182	0	0	0	0	0	0
0.020244	0	0	0	0	0	0
0.076562	0	0	0	0	0	0
0.027738	0	0	0	0	0	0

0.155736	0	0	0	0	0	0
0.090741	0	0	0	0	0	0
0.023124	0	0	0	0	0	0
0.013098	0	0	0	0	0	0
0.046121	0	0	0	0	0	0
0.013936	0	0	0	0	0	0
0.009152	0	0	0	0	0	0
0.065007	0	0	0	0	0	0
0.05783	0	0	0	0	0	0
0.052529	0	0	0	0	0	0
0.057113	0	0	0	0	0	0
0.032012	0	0	0	0	0	0
0.034752	0	0	0	0	0	0
0.032734	0	0	0	0	0	0
0.009582	0	0	0	0	0	0
0.002949	0	0	0	0	0	0
0.002793	0	0	0	0	0	0
0.001559	0	0	0	0	0	0
0.001702	0.01	0	0	0	0	0
0.512184	0.23	0	0	0	0	0
0.004155	0	0	0	0	0	0
0.003639	0	0	0	0	0	0
0.003001	0	0	0	0	0	0
0.013628	0	0	0	0	0	0
0.004128	0	0	0	0	0	0
0.01548	0	0	0	0	0	0
0.009526	0	0	0	0	0	0
0.071692	0	0	0	0	0	0
0.009944	0	0	0	0	0	0
0.007275	0	0	0	0	0	0
0.057768	0.01	0	0	0	0	0
0.061439	0	0	0	0	0	0
0.272287	0.1	0	0	0	0	0
0.011875	0	0	0	0	0	0
0.011066	0	0	0	0	0	0
0.023072	0	0	0	0	0	0
0.013429	0	0	0	0	0	0
0.065312	0	0	0	0	0	0
0.020617	0	0	0	0	0	0
0.005388	0	0	0	0	0	0
0.004768	0	0	0	0	0	0
0.001619	0	0	0	0	0	0
0.001232	0	0	0	0	0	0
0.010224	0	0	0	0	0	0
0.009368	0	0	0	0	0	0
0.003978	0	0	0	0	0	0
0.002497	0	0	0	0	0	0
0.002423	0	0	0	0	0	0
0.004684	0	0	0	0	0	0
0.003225	0	0	0	0	0	0

0.009028	0	0	0	0	0	0
0.004743	0	0	0	0	0	0
0.015745	0	0	0	0	0	0
0.009573	0	0	0	0	0	0
0.009839	0	0	0	0	0	0
0.017144	0	0	0	0	0	0
0.770747	0.22	0	0	0	0	0
0.024053	0	0	0	0	0	0
0.020904	0	0	0	0	0	0
0.028193	0	0	0	0	0	0
0.033789	0	0	0	0	0	0
0.07361	0	0	0	0	0	0
0.055481	0	0	0	0	0	0
0.01535	0	0	0	0	0	0
0.033461	0	0	0	0	0	0
0.02262	0	0	0	0	0	0
0.089096	0	0	0	0	0	0
0.082584	0	0	0	0	0	0
0.018274	0	0	0	0	0	0
0.024831	0	0	0	0	0	0
0.017654	0	0	0	0	0	0
0.018375	0	0	0	0	0	0
0.009619	0	0	0	0	0	0
0.013094	0	0	0	0	0	0
0.007491	0	0	0	0	0	0
0.019258	0	0	0	0	0	0
0.099951	0	0	0	0	0	0
0.268915	0	0	0	0	0	0
0.105127	0	0	0	0	0	0
0.135725	0	0	0	0	0	0
0.143574	0	0	0	0	0	0
0.057275	0	0	0	0	0	0
0.000867	0	0	0	0	0	0
0.04106	0	0	0	0	0	0
0.019175	0	0	0	0	0	0
0.011106	0	0	0	0	0	0
0.036328	0	0	0	0	0	0
0.022352	0	0	0	0	0	0
0.017545	0	0	0	0	0	0
0.013662	0	0	0	0	0	0
0.112358	0	0	0	0	0	0
0.037427	0	0	0	0	0	0
0.049276	0	0	0	0	0	0
0.108303	0	0	0	0	0	0
0.039082	0	0	0	0	0	0
0.054447	0	0	0	0	0	0
0.094772	0	0	0	0	0	0
0.383619	0	0	0	0	0	0
0.094333	0	0	0	0	0	0
0.001283	0	0	0	0	0	0



0.00245	0	0	0	0	0	0
0.00084	0	0	0	0	0	0
0.003274	0	0	0	0	0	0
0.001342	0	0	0	0	0	0
0.001299	0	0	0	0	0	0
0.005161	0	0	0	0	0	0
0.004944	0	0	0	0	0	0
0.003715	0	0	0	0	0	0
0.003597	0	0	0	0	0	0
0.001403	0	0	0	1	0	1
0.001733	0	0	0	0	0	0
0.001486	0	0	0	0	0	0
0.002523	0	0	0	0	0	0
0.001212	0	0	0	0	0	0
0.042657	0	0	0	0	0	0
0.002886	0	0	0	0	0	0
0.007685	0	0	0	0	0	0
0.005481	0	0	0	0	0	0
0.002097	0	0	0	0	0	0
0.005438	0	0	0	0	0	0
0.005777	0	0	0	0	0	0
0.006756	0	0	0	0	0	0
0.013033	0.01	0	0	0	0	0
0.008546	0	0	0	0	0	0
0.010718	0	0	0	0	0	0
0.00477	0	0	0	0	0	0
0.003864	0	0	0	0	0	0
0.003493	0	0	0	0	0	0
0.003325	0	0	0	0	0	0
0.103781	0	0	0	0	0	0
0.150818	0	0	0	0	0	0
0.090081	0	0	0	0	0	0
0.040698	0	0	0	0	0	0
0.046224	0	0	0	0	0	0
0.087606	0	0	0	0	0	0
0.076814	0	0	0	0	0	0
0.015813	0	0	0	0	0	0
0.064524	0	0	0	0	0	0
0.078133	0	0	0	0	0	0
0.061363	0	0	0	0	0	0
0.048619	0	0	0	0	0	0
0.062696	0	0	0	0	0	0
0.01853	0	0	0	0	0	0
0.036614	0	0	0	0	0	0
0.020543	0	0	0	0	0	0
0.020221	0	0	0	0	0	0
0.014241	0	0	0	0	0	0
0.011687	0	0	0	0	0	0
0.012202	0	0	0	0	0	0
0.018784	0	0	0	0	0	0

0.059475	0	0	0	0	0	0
0.046288	0	0	0	0	0	0
0.016507	0	0	0	0	0	0
0.020779	0	0	0	0	0	0
0.016525	0	0	0	0	0	0
0.008467	0	0	0	0	0	0
0.007538	0	0	0	0	0	0
0.019401	0	0	0	0	0	0
0.009683	0	0	0	0	0	0
0.015508	0	0	0	0	0	0
0.055832	0	0	0	0	0	0
0.060479	0	0	0	0	0	0
0.049752	0	0	0	0	0	0
0.023419	0	0	0	0	0	0
0.020412	0	0	0	0	0	0
0.014103	0	0	0	0	0	0
0.022371	0	0	0	0	0	0
0.029052	0	0	0	0	0	0
0.018492	0	0	0	0	0	0
0.018082	0	0	0	0	0	0
0.068535	0	0	0	0	0	0
0.398898	0	0	0	0	0	0
0.678266	0	0	0	0	0	0
0.055652	0.02	0	0	0	0	0
0.180036	0	0	0	0	1	1
0.012855	0	1	0	0	0	1
0.008079	0	0	0	0	0	0
0.071044	0	0	0	0	0	0
0.008394	0	0	0	0	0	0
0.087823	0	0	0	0	0	0
0.018219	0	0	0	0	0	0
0.00324	0	0	0	0	0	0
0.008959	0	0	0	0	0	0
0.008284	0	0	0	0	0	0
0.002265	0	0	0	0	0	0
0.005966	0	0	0	0	0	0
0.022495	0	0	0	0	0	0
0.010574	0	0	0	0	0	0
0.018783	0	0	0	0	0	0
0.025921	0	0	0	0	0	0
0.044798	0	0	0	0	0	0
0.044357	0	0	0	0	0	0
0.053041	0	0	0	0	0	0
0.066338	0	0	0	0	0	0
0.093511	0	0	0	0	0	0
0.065548	0	0	0	0	0	0
0.02922	0	0	0	0	0	0
0.042246	0	0	0	0	0	0
0.039555	0	0	0	0	0	0
0.056103	0	0	0	0	0	0

0.054413	0	0	0	0	0	0
0.062404	0	0	0	0	0	0
0.029949	0	0	0	0	0	0
0.051932	0	0	0	0	0	0
0.066813	0	0	0	0	0	0
0.058061	0	0	0	0	0	0
0.045449	0	0	0	0	0	0
0.052921	0	0	0	0	0	0
0.054636	0	0	0	0	0	0
0.037664	0	0	0	0	0	0
0.661229	0	0	0	0	0	0
0.002605	0	0	0	0	0	0
0.044179	0	0	0	0	0	0
0.034492	0	0	0	0	0	0
0.03768	0	0	0	0	0	0
0.018734	0	0	0	0	0	0
0.031829	0	0	0	0	0	0
0.020227	0	0	0	0	0	0
0.017735	0	0	0	0	0	0
0.031403	0	0	0	0	0	0
0.038771	0	0	0	0	0	0
0.044884	0	0	0	0	0	0
0.037222	0	0	0	0	0	0
0.022991	0	0	0	0	0	0
0.026168	0	0	0	0	0	0
0.073024	0	0	0	0	0	0
0.046362	0	0	0	0	0	0
0.114127	0	0	0	0	0	0
0.679131	0	0	0	0	0	0
0.024459	0	0	0	0	0	0
0.032796	0	0	0	0	0	0
0.046211	0	0	0	0	0	0
0.006991	0	0	0	0	0	0
0.076607	0	0	0	0	0	0
0.040389	0	0	0	0	0	0
0.027799	0	0	0	0	0	0
0.098228	0	0	0	0	0	0
0.084859	0	0	0	0	0	0
0.078125	0	0	0	0	0	0
0.025406	0	0	0	0	0	0
0.263929	0	0	0	0	0	0
0.38838	0	0	0	0	0	0
0.018652	0	0	0	0	0	0
0.065589	0	0	0	0	0	0
0.056187	0	0	0	0	0	0
0.157297	0	0	0	0	0	0
0.019576	0	0	0	0	0	0
0.060443	0	0	0	0	0	0
0.109252	0	0	0	0	0	0
0.007262	0	0	0	0	0	0

0.008831	0	0	0	0	0	0
0.046989	0	0	0	0	0	0
0.053504	0	0	0	0	0	0
0.030027	0	0	0	0	0	0
0.090116	0	0	0	0	0	0
0.36775	0	0	0	0	0	0
0.248092	0	0	0	0	0	0
0.121442	0	0	0	0	0	0
0.045056	0	0	0	0	0	0
0.268938	0	0	0	0	0	0
0.156337	0	0	0	0	0	0
0.027828	0	0	0	0	0	0
0.006363	0.03	0	0	0	0	0
0.0148	0.03	0	0	0	0	0
0.0028	0	0	0	0	0	0
0.018745	0.02	0	0	0	0	0
0.964253	0	0	0	0	0	0
0.054448	0	0	0	0	0	0
0.032229	0	0	0	0	0	0
0.044319	0	0	0	0	0	0
0.000184	0	0	0	0	0	0
0.032985	0	0	0	0	0	0
0.013557	0	0	0	0	0	0
0.004988	0	0	0	0	0	0
0.06424	0	0	0	0	0	0
0.063971	0	0	0	0	0	0
0.087052	0	0	0	0	0	0
0.00485	0	0	0	0	0	0
0.000263	0	0	0	0	0	0
0.000105	0	0	0	0	0	0
0.000261	0	0	0	0	0	0
0.000648	0	0	0	0	0	0
0.001313	0	0	0	0	0	0
0.003491	0	0	0	0	0	0
0.007479	0	0	0	0	0	0
0.000144	0	0	0	0	0	0
0.002226	0	0	0	0	0	0
0.002462	0	0	0	0	0	0
0.002385	0	0	0	0	5	5
0.00377	0	5	0	0	0	5
0.014062	0	0	0	0	0	0
0.022092	0	0	0	0	0	0
0.021909	0	0	0	0	0	0
0.04518	0	0	0	0	0	0
0.000521	0	0	0	0	0	0
0.09152	0	0	0	0	0	0
0.005876	0	0	0	0	0	0
0.00232	0	0	0	0	0	0
0.001823	0	0	0	0	0	0
0.006873	0	0	0	0	0	0

0.075332	0	0	4	0	0	4
0.104639	0	0	0	0	0	0
0.185633	0.06	0	0	0	0	0
0.033296	0	0	0	0	0	0
0.018685	0	0	0	0	0	0
0.021399	0	0	0	0	0	0
0.009983	0	0	0	0	21	21
0.150103	0	21	3	3	19	46
0.184147	0.01	19	23	0	0	42
0.459424	0	0	0	0	15	15
0.009304	0	15	0	0	0	15
0.075122	0	0	0	0	1	1
0.004758	0	1	0	0	0	1
0.000163	0	0	0	0	0	0
0.020339	0	0	0	0	0	0
0.047061	0	0	0	0	0	0
0.139318	0.01	0	0	0	0	0
0.077086	0	0	0	0	0	0
0.529188	0.24	0	0	0	0	0
0.042907	0	0	0	0	0	0
0.05457	0	0	0	0	0	0
0.043642	0	0	0	0	0	0
0.164435	0.04	0	0	0	0	0
0.213506	0.05	0	0	0	0	0
0.045131	0	0	0	0	0	0
0.014608	0	0	0	0	0	0
0.013062	0	0	0	0	0	0
0.007518	0	0	0	0	0	0
0.002222	0	0	0	0	0	0
0.003328	0	0	0	0	8	8
0.05761	0	8	0	0	13	21
0.007167	0	13	0	0	13	26
0.361488	0	13	15	0	0	28
0.29702	0	0	0	0	0	0
0.049649	0	0	0	0	0	0
0.368311	0.03	0	0	0	0	0
0.005257	0	0	0	0	0	0
0.013174	0	0	0	0	0	0
0.013113	0	0	0	0	0	0
0.005922	0	0	0	0	0	0
0.016306	0	0	0	0	0	0
0.035667	0.01	0	0	0	0	0
0.081038	0	0	0	0	0	0
0.007125	0	0	0	0	0	0
0.002429	0	0	0	0	0	0
0.001055	0	0	0	0	0	0
0.033922	0	0	0	0	0	0
0.005865	0	0	0	0	3	3
0.002585	0	3	0	0	0	3
0.058509	0	0	0	0	0	0

0.016828	0	0	0	0	0	0
0.02482	0	0	0	0	0	0
0.006511	0	0	0	0	0	0
0.060504	0	0	0	0	0	0
0.03052	0	0	0	0	0	0
0.001693	0	0	0	0	0	0
0.004998	0	0	0	0	3	3
0.005461	0	3	5	5	0	13
0.017788	0	0	0	4	13	17
0.017371	0	0	0	0	2	2
0.143181	0	2	0	0	6	8
0.003204	0	0	0	0	0	0
0.002127	0	0	0	0	0	0
0.002326	0	0	0	0	0	0
0.001794	0	0	0	0	0	0
0.001091	0	0	0	0	0	0
0.004937	0	0	0	0	0	0
0.002097	0	0	0	0	0	0
0.453103	0.29	0	0	0	0	0
0.086492	0.02	0	0	0	0	0
0.001685	0	0	0	0	0	0
0.002687	0	0	0	0	0	0
0.00296	0	0	0	0	0	0
0.001721	0	0	0	0	0	0
0.004042	0	0	0	0	0	0
0.002566	0	0	0	0	0	0
0.003462	0	0	0	0	0	0
0.021708	0	0	0	0	0	0
0.007573	0	0	0	0	0	0
0.007101	0	0	0	0	0	0
0.013135	0	0	0	0	0	0
0.005703	0	0	0	0	0	0
0.051239	0	0	0	0	0	0
0.017324	0	0	0	0	0	0
0.035374	0	0	0	0	0	0
0.012728	0	0	0	0	0	0
0.005054	0	0	0	0	0	0
0.0034	0	0	0	0	0	0
0.005487	0	0	0	0	0	0
0.002819	0	0	0	0	0	0
0.001649	0	0	0	0	0	0
0.011598	0	0	0	0	0	0
0.059469	0.01	0	0	0	0	0
0.347626	0	0	0	9	9	18
0.090461	0	0	0	0	0	0
0.012351	0	0	0	0	0	0
0.048007	0	0	0	0	0	0
0.021074	0	0	0	0	0	0
0.019948	0	0	0	0	0	0
0.017078	0	0	0	0	0	0

0.025105	0	0	0	0	0	0
0.020004	0	0	0	0	0	0
0.149042	0	0	0	0	0	0
0.012515	0	0	0	0	0	0
0.186732	0	0	0	0	0	0
0.087934	0	0	0	0	0	0
0.028303	0	0	0	0	0	0
0.01388	0	0	0	0	0	0
0.018623	0	0	0	0	0	0
0.02039	0	0	0	0	0	0
0.041032	0	0	0	0	0	0
0.015129	0	0	0	0	0	0
0.013933	0	0	0	0	0	0
0.035063	0	0	0	0	0	0
0.008129	0	0	0	0	0	0
0.010641	0	0	0	0	0	0
0.00262	0	0	0	0	0	0
0.024004	0	0	0	0	0	0
0.002029	0	0	0	0	0	0
0.003006	0	0	0	0	0	0
0.003087	0	0	0	0	0	0
0.133607	0	0	0	0	0	0
0.169332	0	0	0	0	0	0
0.15706	0	0	0	0	0	0
0.031714	0	0	0	0	0	0
0.040414	0	0	0	0	0	0
0.082498	0	0	2	2	0	4
0.064182	0	0	0	0	0	0
0.039684	0	0	0	0	0	0
0.03047	0	0	0	0	0	0
0.046757	0	0	0	0	0	0
0.020428	0	0	0	0	0	0
0.042331	0	0	0	0	0	0
0.057493	0	0	0	0	0	0
0.025227	0	0	0	0	0	0
0.045315	0	0	0	0	0	0
0.05595	0	0	0	0	0	0
0.039471	0	0	0	0	0	0
0.027579	0	0	0	0	0	0
0.06228	0	0	0	0	0	0
0.064711	0	0	0	0	0	0
0.053313	0	0	0	0	0	0
0.038319	0	0	0	0	0	0
0.041856	0	0	0	0	0	0
0.088223	0	0	0	0	0	0
0.030102	0	0	0	0	0	0
0.040986	0	0	0	0	0	0
0.038997	0	0	0	0	0	0
0.043732	0	0	0	0	0	0
0.025348	0	0	0	0	0	0

0.029743	0	0	0	0	0	0
0.091273	0	0	0	0	0	0
0.083767	0	0	0	0	0	0
0.038065	0	0	0	0	0	0
0.049779	0	0	0	0	0	0
0.037985	0	0	0	0	0	0
0.022107	0	0	0	0	0	0
0.084432	0	0	0	0	0	0
0.081147	0	0	0	0	0	0
0.082314	0	0	0	0	0	0
0.049819	0	0	0	0	0	0
0.042347	0	0	0	0	0	0
0.031154	0	0	0	0	0	0
0.026843	0	0	0	0	0	0
0.020677	0	0	0	0	0	0
0.008664	0	0	0	0	0	0
0.009927	0	0	0	0	0	0
0.010462	0	0	0	0	0	0
0.017759	0	0	0	0	0	0
0.017737	0	0	0	0	0	0
0.014795	0	0	0	0	0	0
0.077237	0	0	0	0	0	0
0.034009	0	0	0	0	0	0
0.010523	0	0	0	0	0	0
0.010613	0	0	0	0	0	0
0.029156	0	0	0	0	0	0
0.007666	0	0	0	0	0	0
0.021854	0	0	0	0	0	0
0.030305	0	0	0	0	0	0
0.032667	0	0	0	0	0	0
0.034894	0	0	0	0	0	0
0.030752	0	0	0	0	0	0
0.03776	0	0	0	0	0	0
0.014405	0	0	0	0	0	0
0.012485	0	0	0	0	0	0
0.003405	0	0	0	0	0	0
0.025663	0	0	0	0	0	0
0.022815	0	0	0	0	0	0
0.009409	0	0	0	0	0	0
0.007081	0	0	0	0	0	0
0.04151	0	0	0	0	0	0
0.06011	0	0	0	0	4	4
0.007424	0	4	0	0	0	4
0.006307	0	0	0	0	0	0
0.043299	0	0	0	0	0	0
0.006278	0	0	0	0	0	0
0.005292	0	0	0	0	0	0
0.007264	0	0	0	0	0	0
0.017214	0	0	0	0	0	0
0.011349	0	0	0	0	0	0



0.059638	0	0	0	0	0	0
0.054373	0	0	0	0	0	0
0.057165	0	0	0	0	0	0
0.121264	0	0	0	0	0	0
0.122485	0	0	0	0	0	0
0.185656	0	0	0	0	0	0
0.058102	0	0	0	0	0	0
0.06168	0	0	0	0	0	0
0.001947	0	0	0	0	0	0
0.001316	0	0	0	0	0	0
0.000863	0	0	0	0	0	0
0.001103	0	0	0	0	0	0
0.009819	0.03	0	0	0	0	0
0.006928	0	0	0	0	0	0
0.008652	0	0	0	0	0	0
0.004371	0	0	0	0	0	0
0.038032	0	0	0	0	0	0
0.084863	0	0	0	0	0	0
0.308523	0	0	0	0	0	0
0.149811	0	0	0	0	0	0
0.047194	0	0	0	0	0	0
0.059467	0	0	0	0	0	0
0.04969	0	0	0	0	0	0
0.068428	0	0	0	0	0	0
0.084942	0	0	0	0	0	0
0.047502	0	0	0	0	0	0
0.273955	0	0	0	0	0	0
0.348761	0	0	0	0	0	0
0.090186	0	0	0	0	0	0
0.152125	0	0	0	0	0	0
0.551365	0	0	0	0	0	0
0.506922	0	0	0	0	0	0
0.039948	0	0	0	0	0	0
0.065907	0	0	0	0	0	0
0.656827	0	0	0	0	0	0
0.081088	0	0	0	0	0	0
0.021686	0	0	0	0	0	0
0.108302	0	0	0	0	0	0
0.026415	0	0	0	0	0	0
0.063821	0	0	0	0	0	0
0.051138	0	0	0	0	0	0
0.073436	0	0	0	0	0	0
0.054367	0	0	0	0	0	0
0.044031	0	0	0	0	0	0
0.071024	0	0	0	0	0	0
0.121707	0	0	0	0	0	0
0.076483	0	0	0	0	0	0
0.047141	0	0	0	0	0	0
0.421277	0	0	0	0	0	0
0.047156	0	0	0	0	0	0

0.067619	0	0	0	0	0	0
0.041374	0	0	0	0	0	0
0.082916	0	0	0	0	0	0
0.133431	0	0	0	0	0	0
0.041435	0	0	0	0	0	0
0.063909	0	0	0	0	0	0
0.041673	0	0	0	0	0	0
0.041631	0	0	0	0	0	0
0.054633	0	0	0	0	0	0
0.047969	0	0	0	0	0	0
0.054666	0	0	0	0	0	0
0.042605	0	0	0	0	0	0
0.035597	0	0	0	0	0	0
0.024064	0	0	0	0	0	0
0.016137	0	0	0	0	0	0
0.031269	0	0	0	0	0	0
0.010424	0	0	0	0	0	0
0.052468	0	0	0	0	0	0
0.051901	0	0	0	0	0	0
0.030788	0	0	0	0	0	0
0.045367	0	0	0	0	0	0
0.035618	0	0	0	0	0	0
0.047435	0	0	0	0	0	0
0.02733	0	0	0	0	0	0
0.039469	0	0	0	0	0	0
0.08868	0	0	0	0	0	0
0.035463	0	0	0	0	0	0
0.042209	0	0	0	0	0	0
0.068595	0	0	0	0	0	0
0.049409	0	0	0	0	0	0
0.041329	0	0	0	0	0	0
0.147816	0	0	0	0	0	0
0.142619	0	0	0	0	0	0
0.150999	0	0	0	0	0	0
0.049882	0	0	0	0	0	0
0.013371	0	0	0	0	0	0
0.003763	0	0	0	0	0	0
0.008061	0	0	0	0	0	0
0.004794	0	0	0	0	0	0
0.348525	0.03	0	0	0	0	0
0.04538	0	0	0	0	0	0
0.006775	0	0	0	0	0	0
0.005064	0	0	0	0	0	0
0.000242	0	0	0	0	0	0
0.000174	0	0	0	0	0	0
0.000517	0	0	0	0	0	0
0.000476	0	0	0	0	0	0
0.023892	0	0	0	0	0	0
0.011748	0	0	0	0	0	0
0.018188	0	0	0	0	0	0

0.019972	0	0	0	0	0	0
0.020102	0	0	0	0	0	0
0.014538	0	0	0	0	0	0
0.090775	0	0	0	0	0	0
0.103325	0	0	0	0	0	0
0.105398	0	0	0	0	0	0
0.08619	0	0	0	0	0	0
0.019284	0	0	0	0	0	0
0.025538	0	0	0	0	0	0
0.014905	0	0	0	0	0	0
0.029534	0	0	0	0	0	0
0.018348	0	0	0	0	0	0
0.015669	0	0	0	0	0	0
0.129232	0	0	0	0	0	0
0.012154	0	0	0	0	0	0
0.00061	0	0	0	0	0	0
0.003419	0	0	0	0	0	0
0.001739	0	0	0	0	0	0
0.015364	0	0	0	0	0	0
0.008029	0	0	0	0	0	0
0.023998	0	0	0	0	0	0
0.012208	0	0	0	0	0	0
0.028195	0	0	0	0	0	0
0.028281	0	0	0	0	0	0
0.032783	0	0	0	0	0	0
0.025413	0	0	0	0	0	0
0.021599	0	0	0	0	0	0
0.020178	0	0	0	0	0	0
0.002421	0	0	0	0	0	0
0.001821	0	0	0	0	0	0
0.001365	0	0	0	0	0	0
0.000977	0	0	0	0	0	0
0.001793	0	0	0	0	0	0
0.018731	0	0	0	0	0	0
0.011779	0	0	0	0	0	0
0.01635	0	0	0	0	0	0
0.015171	0	0	0	0	0	0
0.017518	0	0	0	0	0	0
0.02024	0	0	0	0	0	0
0.007667	0	0	0	0	0	0
0.005805	0	0	0	0	0	0
0.012648	0	0	0	0	0	0
0.007827	0	0	0	0	0	0
0.007794	0	0	0	0	0	0
0.013146	0	0	0	0	0	0
0.01363	0	0	0	0	0	0
0.031139	0	0	0	0	0	0
0.008153	0	0	0	0	0	0
0.017268	0	0	0	0	0	0
0.006498	0	0	0	0	0	0

0.007759	0	0	0	0	0	0
0.007041	0	0	0	0	0	0
0.006863	0	0	0	0	0	0
0.004659	0	0	0	0	0	0
0.00818	0	0	0	0	0	0
0.00428	0	0	0	0	0	0
0.007022	0	0	0	0	0	0
0.008009	0	0	0	0	0	0
0.004194	0	0	0	0	0	0
0.004025	0	0	0	0	0	0
0.004434	0	0	0	0	0	0
0.00473	0	0	0	0	0	0
0.002287	0	0	0	0	0	0
0.009702	0	0	0	0	0	0
0.003238	0	0	0	0	0	0
0.009064	0	0	0	0	0	0
0.009326	0	0	0	0	0	0
0.011209	0	0	0	0	0	0
0.008694	0	0	0	0	0	0
0.005473	0	0	0	0	0	0
0.005236	0	0	0	0	0	0
0.004263	0	0	0	0	0	0
0.026461	0	0	0	0	0	0
0.021567	0	0	0	0	0	0
0.014497	0	0	0	0	0	0
0.012228	0	0	0	0	0	0
0.016913	0	0	0	0	0	0
0.022941	0	0	0	0	0	0
0.02754	0	0	0	0	0	0
0.055372	0	0	0	0	0	0
0.374098	0.13	0	0	0	0	0
0.1613	0	0	0	0	0	0
0.377486	0	0	0	0	0	0
0.117867	0	0	0	0	0	0
0.302606	0	0	0	0	0	0
0.037773	0	0	0	0	0	0
0.034138	0	0	0	0	0	0
0.054734	0	0	0	0	0	0
0.005815	0	0	0	0	0	0
0.002429	0	0	0	0	0	0
0.002897	0	0	0	0	0	0
0.00446	0	0	0	0	0	0
0.016039	0.01	0	0	0	0	0
0.08503	0.05	0	0	0	0	0
0.008706	0	0	0	0	0	0
0.002656	0	0	0	0	0	0
0.002874	0	0	0	0	0	0
0.008521	0	0	0	0	0	0
0.009548	0	0	0	0	0	0
0.29342	0	0	0	0	0	0

0.067366	0	0	0	0	0	0
0.006787	0	0	0	0	0	0
0.010604	0	0	0	0	0	0
0.036999	0	0	0	0	0	0
0.039483	0	0	0	0	0	0
0.111586	0	0	0	0	0	0
0.024225	0	0	0	0	0	0
0.046768	0	0	0	0	0	0
0.114772	0	0	0	0	0	0
0.022226	0	0	0	0	0	0
0.165924	0	0	0	0	0	0
0.031322	0	0	0	0	0	0
0.018125	0	0	0	0	0	0
0.016702	0	0	0	0	0	0
0.0192	0	0	0	0	0	0
0.031702	0	0	0	0	0	0
0.023662	0	0	0	0	0	0
0.016206	0	0	0	0	0	0
0.030695	0	0	0	0	0	0
0.018217	0	0	0	0	0	0
0.051061	0	0	0	0	0	0
0.090634	0	0	0	0	0	0
0.050912	0	0	0	0	0	0
0.068005	0	0	0	0	0	0
0.086097	0	0	0	0	0	0
0.044716	0	0	0	0	0	0
0.680271	0	0	0	0	0	0
0.088541	0	0	0	0	0	0
0.000387	0	0	0	0	11	11
0.000432	0	11	0	0	0	11
0.000293	0	0	0	0	0	0
0.000575	0	0	0	0	0	0
0.000802	0	2	0	0	15	17
0.000262	0	15	5	5	6	31
0.000203	0	6	0	0	0	6
0.000086	0	0	0	0	0	0
0.011091	0.01	0	0	0	0	0
0.023917	0	0	0	0	0	0
0.005506	0	0	0	0	0	0
0.002851	0	0	0	0	1	1
0.032216	0	1	0	0	0	1
0.010887	0	0	0	0	0	0
0.004033	0	0	0	0	0	0
0.008394	0	0	0	0	0	0
0.004459	0	0	0	0	0	0
0.002493	0	0	0	0	0	0
0.002036	0	0	0	0	0	0
0.002067	0	0	0	0	0	0
0.005991	0	0	0	0	17	17
0.004268	0	17	0	7	20	44

0.004562	0	20	0	0	0	20
0.562791	0.24	0	0	0	0	0
0.211023	0	0	0	0	0	0
0.011683	0	0	0	0	0	0
0.040349	0	0	0	0	0	0
0.05665	0	0	0	0	0	0
0.096677	0	0	0	0	0	0
0.045336	0	0	0	0	0	0
0.097213	0	0	0	0	0	0
0.086958	0	0	0	0	0	0
0.062121	0	0	0	0	0	0
0.126478	0	0	0	0	0	0
0.087229	0	0	0	0	0	0
0.06404	0	0	0	0	0	0
0.028191	0	0	0	0	0	0
0.026224	0	0	0	0	0	0
0.018928	0	0	0	0	0	0
0.012183	0	0	0	0	0	0
0.023279	0	0	0	0	0	0
0.014932	0	0	0	0	0	0
0.074878	0	0	0	0	0	0
0.039755	0	0	0	0	0	0
0.025592	0	0	0	0	0	0
0.024175	0	0	0	0	0	0
0.011379	0	0	0	0	0	0
0.016452	0	0	0	0	0	0
0.03174	0	0	0	0	0	0
0.008406	0	0	0	0	0	0
0.026641	0	0	0	0	0	0
0.293634	0	0	0	0	0	0
0.15627	0.11	0	5	0	0	5
0.003506	0	0	3	0	0	3
0.000717	0	0	0	0	0	0
0.000631	0	0	0	0	0	0
0.003962	0	0	0	0	0	0
0.001303	0	0	0	0	0	0
0.021867	0	0	0	0	0	0
0.002453	0	0	0	0	0	0
0.002206	0	0	0	0	0	0
0.002306	0	0	0	0	0	0
0.001151	0	0	0	0	0	0
0.001122	0	0	0	0	0	0
0.001054	0	0	0	0	0	0
0.000891	0	0	0	0	0	0
0.001254	0	0	0	0	0	0
0.00186	0	0	0	0	0	0
0.001119	0	0	0	0	0	0
0.020244	0	0	0	0	0	0
0.013856	0	0	0	0	0	0
0.016482	0	0	0	0	0	0

0.008822	0	0	0	0	0	0
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0.027447	0	0	0	0	0	0
0.00906	0	0	0	0	0	0
0.006352	0	0	0	0	0	0
0.005091	0	0	0	0	0	0
0.022334	0	0	0	0	0	0
0.022294	0	0	0	0	0	0
0.012155	0	0	0	0	0	0
0.013922	0	0	0	0	0	0
0.015113	0	0	0	0	0	0
0.013729	0	0	0	0	0	0
0.014457	0	0	0	0	0	0
0.01408	0	0	0	0	0	0
0.012255	0	0	0	0	0	0
0.133782	0.01	0	0	0	0	0
0.004218	0	0	0	0	0	0
0.005221	0	0	0	0	0	0
0.005704	0	0	0	0	0	0
0.003893	0	0	0	0	0	0
0.006249	0	0	0	0	0	0
0.005112	0	0	0	0	0	0
0.003244	0	0	0	0	0	0
0.000247	0	0	0	0	0	0
0.001284	0	0	0	0	0	0
0.00019	0	0	0	0	0	0
0.00389	0	0	0	0	0	0
0.001769	0	0	0	0	0	0
0.002548	0	0	0	0	0	0
0.001939	0	0	0	0	0	0
0.000361	0	0	0	0	0	0
0.000425	0	0	0	0	0	0
0.001136	0	0	0	0	0	0
0.000675	0	0	0	0	0	0
0.007219	0	0	0	0	0	0
0.006591	0	0	0	0	0	0
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0.003817	0	0	0	0	0	0
0.001336	0	0	0	0	0	0
0.006246	0	0	0	0	0	0
0.003698	0	0	0	0	0	0
0.001398	0	0	0	0	0	0
0.003316	0	0	0	0	0	0
0.547465	0.22	0	0	0	0	0
0.031438	0	0	0	0	0	0
0.041747	0	0	0	0	0	0
0.085773	0	0	0	0	0	0
0.060639	0	0	0	0	0	0
0.057669	0	0	0	0	0	0

0.010836	0	0	0	0	0	0
0.002012	0	0	0	0	0	0
0.00345	0	0	0	0	0	0
0.003265	0	0	0	0	0	0
0.007235	0	0	0	0	0	0
0.013294	0	0	0	0	0	0
0.06558	0	0	3	0	0	3
0.145716	0.01	0	0	0	4	4
0.033589	0	4	0	0	9	13
0.061815	0	9	0	0	0	9
0.085404	0	0	0	0	0	0
0.059603	0	0	0	0	0	0
0.060087	0	0	0	0	0	0
0.050805	0	0	0	0	0	0
0.039909	0	0	0	0	0	0
0.06572	0	0	0	0	0	0
0.049626	0	0	0	0	0	0
0.063118	0	0	0	0	0	0
0.054367	0	0	0	0	0	0
0.057551	0	0	0	0	0	0
0.069752	0	0	0	0	0	0
0.034217	0	0	0	0	0	0
0.042565	0	0	0	0	0	0
0.041856	0	0	0	0	0	0
0.04492	0	0	0	0	0	0
0.035369	0	0	0	0	0	0
0.043107	0	0	0	0	0	0
0.055864	0	0	0	0	0	0
0.053245	0	0	0	0	0	0
0.036868	0	0	0	0	0	0
0.046493	0	0	0	0	0	0
0.039348	0	0	0	0	4	4
0.049013	0	4	15	0	0	19
0.040301	0	0	0	0	0	0
0.051948	0	0	0	0	0	0
0.035815	0	0	0	0	0	0
0.029714	0	0	0	0	0	0
0.03422	0	0	0	0	0	0
0.043436	0	0	0	0	0	0
0.053278	0	0	0	0	0	0
0.038448	0	0	0	0	8	8
0.032285	0	8	1	1	5	15
0.042697	0	5	0	0	0	5
0.038426	0	0	0	0	6	6
0.025748	0	6	0	0	1	7
0.041609	0	1	4	4	0	9
0.035387	0	0	0	0	0	0
0.028761	0	0	0	0	7	7
0.020679	0	7	0	0	11	18
0.023553	0	11	0	0	0	11



0.040367	0	0	0	0	0	0
0.021281	0	0	0	9	14	23
0.02366	0	14	0	0	5	19
0.048456	0	5	20	4	7	36
0.066162	0	7	1	1	7	16
0.027957	0	7	0	0	10	17
0.112521	0	10	1	7	0	18
0.052721	0	0	3	3	17	23
0.083317	0.01	17	0	5	2	24
0.023779	0	2	0	0	21	23
0.013486	0	21	0	4	6	31
0.064075	0	0	0	0	0	0
0.01144	0	6	5	5	0	16
0.013813	0	0	0	0	10	10
0.013976	0	10	0	0	0	10
0.01718	0	0	5	5	0	10
0.031423	0	9	0	1	11	21
0.01448	0	11	6	6	2	25
0.014245	0	2	0	0	0	2
0.005957	0	0	0	0	12	12
0.008718	0	12	0	0	13	25
0.046665	0	0	0	0	0	0
0.015302	0	13	3	3	0	19
0.006352	0	0	0	0	7	7
0.011012	0	7	3	3	0	13
0.006692	0	0	0	0	5	5
0.004433	0	5	2	0	11	18
0.005553	0	11	0	0	0	11
0.01292	0	0	0	0	0	0
0.013685	0	0	0	1	6	7
0.007523	0	6	0	0	0	6
0.004146	0	0	0	0	14	14
0.036162	0	0	0	0	0	0
0.016048	0	14	0	0	15	29
0.00527	0	15	0	0	0	15
0.021618	0	0	0	0	0	0
0.003746	0	0	0	0	0	0
0.003844	0	0	0	0	0	0
0.008697	0	0	0	0	0	0
0.021858	0	0	0	0	1	1
0.016144	0	1	0	0	0	1
0.015181	0	0	0	0	0	0
0.00907	0	0	0	0	0	0
0.066162	0	0	0	0	0	0
0.004903	0	0	0	0	0	0
0.009278	0	0	0	0	0	0
0.00948	0	0	0	0	0	0
0.006035	0	0	0	0	0	0
0.00342	0	0	0	0	0	0
0.027869	0	0	0	0	6	6

0.017489	0	6	0	0	0	6
0.023477	0	0	0	0	0	0
0.011635	0	0	0	0	0	0
0.005034	0	0	0	0	0	0
0.031037	0	0	0	0	0	0
0.115152	0	0	0	0	0	0
0.078509	0	0	0	0	0	0
0.004732	0	0	0	0	0	0
0.006476	0	0	0	0	0	0
0.004845	0	0	0	0	0	0
0.016881	0	0	0	0	0	0
0.009777	0	0	0	0	0	0
0.014351	0	0	0	0	0	0
0.014789	0	0	0	0	0	0
0.01521	0	0	0	0	0	0
0.009331	0	0	0	0	0	0
0.007171	0	0	0	0	0	0
0.007272	0	0	0	0	0	0
0.008965	0	0	0	0	0	0
0.007925	0	0	0	0	0	0
0.005401	0	0	0	0	0	0
0.008271	0	0	0	0	0	0
0.083637	0	0	0	0	0	0
0.011056	0	0	0	0	0	0
0.014335	0	0	0	0	0	0
0.004973	0	0	0	0	0	0
0.004816	0	0	0	0	0	0
0.002272	0	0	0	0	0	0
0.0103	0	0	0	0	0	0
0.002193	0	0	0	0	0	0
0.002014	0	0	0	0	0	0
0.017072	0	0	0	0	0	0
0.00596	0	0	0	0	0	0
0.005507	0	0	0	0	0	0
0.004101	0	0	0	0	0	0
0.004253	0	0	0	0	0	0
0.0056	0	0	0	0	0	0
0.007249	0	0	0	0	0	0
0.002927	0	0	0	0	0	0
0.065816	0	0	0	0	0	0
0.052772	0	0	0	0	0	0
0.255111	0.03	0	0	0	0	0
0.029389	0	0	0	0	0	0
0.040518	0	0	0	0	0	0
0.094535	0	0	0	0	0	0
0.045453	0	0	0	0	0	0
0.046635	0	0	0	0	0	0
0.059977	0	0	0	0	0	0
0.046562	0	0	0	0	0	0
0.265147	0	0	0	0	0	0

0.044871	0	0	0	0	0	0
0.055927	0	0	0	0	0	0
0.072557	0	0	0	0	0	0
0.052899	0	0	0	0	0	0
0.206085	0	0	0	0	0	0
0.054602	0	0	0	0	0	0
0.052554	0	0	0	0	0	0
0.052693	0	0	0	0	0	0
0.053724	0	0	0	0	0	0
0.04134	0	0	0	0	0	0
0.048092	0	0	0	0	0	0
0.077609	0	0	0	0	0	0
0.057042	0	0	0	0	0	0
0.066527	0	0	0	0	0	0
0.047362	0	0	0	0	4	4
0.036149	0	4	0	0	0	4
0.038646	0	0	0	0	0	0
0.044606	0	0	0	0	0	0
0.051464	0	0	0	0	0	0
0.052095	0	0	0	0	0	0
0.0374	0	0	0	0	0	0
0.045478	0	0	0	0	0	0
0.04439	0	0	0	0	0	0
0.056801	0	0	0	0	0	0
0.036804	0	0	0	0	0	0
0.020754	0	0	0	0	0	0
0.022834	0	0	0	0	0	0
0.022242	0	0	0	0	0	0
0.042912	0	0	0	0	0	0
0.023154	0	0	0	0	0	0
0.024189	0	0	0	0	0	0
0.023513	0	0	0	0	0	0
0.017214	0	0	0	0	0	0
0.02399	0	0	0	0	0	0
0.019567	0	0	0	0	0	0
0.015747	0	0	0	0	0	0
0.217659	0	0	0	0	0	0
0.017524	0	0	0	0	0	0
0.015547	0	0	0	0	0	0
0.011774	0	0	0	0	0	0
0.013672	0	0	0	0	0	0
0.016937	0	0	0	0	0	0
0.008395	0	0	0	0	0	0
0.011069	0	0	0	0	0	0
0.010575	0	0	0	0	0	0
0.015277	0	0	0	0	0	0
0.034619	0	0	0	0	0	0
0.072523	0	0	0	0	0	0
0.014587	0	0	0	0	0	0
0.02681	0	0	0	0	0	0

0.009457	0	0	0	0	0	0
0.013335	0	0	0	0	0	0
0.017923	0	0	0	0	0	0
0.01246	0	0	0	0	0	0
0.014635	0	0	0	0	0	0
0.060892	0	0	0	0	0	0
0.369336	0	0	0	0	0	0
0.103284	0	0	0	0	0	0
0.034708	0	0	0	0	0	0
0.048908	0	0	0	0	0	0
0.051688	0	0	0	0	0	0
0.045928	0	0	0	0	0	0
0.09712	0	0	0	0	0	0
0.052581	0	0	0	0	0	0
0.029167	0	0	0	0	0	0
0.040473	0	0	0	0	0	0
0.029907	0	0	0	0	0	0
0.031277	0	0	0	4	0	4
0.027225	0	0	0	0	0	0
0.044068	0	0	0	3	0	3
0.066552	0	0	0	0	7	7
0.035274	0	7	0	0	0	7
0.024919	0	0	0	0	0	0
0.23124	0.04	0	0	0	0	0
0.017712	0	0	0	0	0	0
0.018846	0	0	0	0	5	5
0.021465	0	5	0	0	0	5
0.019994	0	0	0	0	0	0
0.451616	0	0	0	0	6	6
0.059357	0	6	0	0	0	6
0.044547	0	0	0	0	0	0
0.064905	0	0	0	0	0	0
0.030931	0	0	0	0	0	0
0.027408	0	0	0	0	0	0
0.035643	0	0	0	0	0	0
0.030448	0	0	0	0	0	0
0.155256	0.02	0	0	0	0	0
0.032516	0	0	9	0	0	9
0.027361	0	0	0	0	0	0
0.032014	0	0	0	0	0	0
0.036337	0	0	0	0	0	0
0.042761	0	0	0	0	0	0
0.032911	0	0	0	0	0	0
0.035133	0	0	0	0	0	0
0.027547	0	0	0	0	0	0
0.032321	0	0	0	0	0	0
0.01513	0	0	0	0	0	0
0.035658	0	0	0	0	0	0
0.022198	0	0	0	0	0	0
0.024493	0	0	0	0	0	0

0.025861	0	0	0	0	0	0
0.022947	0	0	0	0	0	0
0.014835	0	0	0	0	0	0
0.017184	0	0	0	0	0	0
0.013401	0	0	0	0	0	0
0.009311	0	0	0	0	0	0
0.026084	0	0	0	0	0	0
0.052499	0	0	0	0	0	0
0.018769	0	0	0	0	0	0
0.01167	0	0	6	7	0	13
0.009223	0	0	0	0	0	0
0.113305	0	0	6	7	3	16
0.028049	0	3	0	0	0	3
0.014327	0	0	0	0	0	0
0.012492	0	0	0	0	0	0
0.023138	0	0	0	0	0	0
0.016341	0	0	0	0	0	0
0.049828	0	0	0	0	0	0
0.009885	0	0	0	0	0	0
0.010562	0	0	0	0	0	0
0.008034	0	0	0	0	0	0
0.006902	0	0	0	0	0	0
0.060724	0	0	0	0	0	0
0.025414	0	0	0	0	0	0
0.032883	0	0	0	3	7	10
0.060199	0.01	7	0	4	0	11
0.007062	0	0	0	0	0	0
0.003698	0	0	0	0	0	0
0.043417	0	0	0	0	0	0
0.00743	0	0	0	0	0	0
0.00899	0	0	0	0	0	0
0.077671	0	0	0	0	0	0
0.005363	0	0	0	0	0	0
0.013306	0	0	0	0	0	0
0.01166	0	0	0	0	0	0
0.006933	0	0	0	0	1	1
0.012144	0	1	0	0	0	1
0.001686	0	0	0	0	0	0
0.002837	0	0	0	0	0	0
0.050785	0	0	0	0	0	0
0.018429	0	0	0	0	0	0
0.021455	0	0	0	0	0	0
0.004539	0	0	0	0	0	0
0.042418	0	0	0	0	0	0
0.706709	0	0	0	0	0	0
0.091519	0	0	0	0	0	0
0.038012	0	0	0	0	0	0
0.035253	0	0	0	0	0	0
0.95859	0	0	0	0	0	0
0.042926	0	0	0	0	0	0

0.060155	0	0	0	0	0	0
0.061193	0	0	0	0	0	0
0.051024	0	0	0	0	0	0
0.047688	0	0	0	0	0	0
0.135452	0	0	0	0	0	0
0.014757	0	0	0	0	0	0
0.033724	0	0	0	0	0	0
0.022919	0	0	0	0	0	0
0.02433	0	0	0	0	0	0
0.021184	0	0	0	0	0	0
0.070293	0	0	0	0	0	0
0.016645	0	0	0	0	0	0
0.010815	0	0	0	0	0	0
0.011559	0	0	0	0	0	0
0.019488	0	0	0	0	0	0
0.031467	0	0	0	0	0	0
0.015846	0	0	0	0	0	0
0.010996	0	0	0	0	0	0
0.010636	0	0	0	0	0	0
0.022255	0	0	0	0	0	0
0.039669	0	0	0	0	0	0
0.012113	0	0	0	0	0	0
0.035367	0	0	0	0	0	0
0.031365	0	0	0	0	0	0
0.04053	0	0	0	0	0	0
0.038857	0	0	0	0	0	0
0.016801	0	0	0	0	0	0
0.014785	0	0	0	0	0	0
0.013764	0	0	0	0	0	0
0.021435	0	0	0	0	0	0
0.0085	0	0	0	0	0	0
0.007017	0	0	0	0	0	0
0.073896	0	0	0	0	0	0
0.024944	0	0	0	0	0	0
0.0334	0	0	0	0	0	0
0.112772	0.01	0	0	0	0	0
0.033531	0	0	0	0	0	0
0.03493	0	0	0	0	0	0
0.010671	0	0	0	0	0	0
0.034199	0	0	0	0	0	0
0.016143	0	0	0	0	0	0
0.003764	0	0	0	0	0	0
0.006421	0	0	0	0	0	0
0.008146	0	0	0	0	0	0
0.012002	0	0	0	0	0	0
0.0073	0	0	0	0	0	0
0.005627	0	0	0	0	0	0
0.007468	0	0	0	1	0	1
0.009913	0	0	0	0	0	0
0.014378	0	0	0	0	0	0

0.010453	0	0	0	0	0	0
0.0152	0	0	0	0	0	0
0.012721	0	0	0	0	0	0
0.013036	0	0	0	0	0	0
0.056233	0	0	0	0	0	0
0.012245	0	0	0	0	0	0
0.034105	0	0	0	0	0	0
0.011692	0	0	0	0	0	0
0.010569	0	0	0	0	0	0
0.004364	0	0	0	0	0	0
0.008875	0	0	0	0	0	0
0.005996	0	0	0	0	0	0
0.004443	0	0	0	0	0	0
0.004402	0	0	0	0	0	0
0.004051	0	0	0	0	0	0
0.00593	0	0	0	0	0	0
0.015443	0	0	0	0	0	0
0.011189	0	0	0	0	0	0
0.005979	0	0	0	0	0	0
0.00193	0	0	0	0	0	0
0.015979	0	0	0	0	0	0
0.011707	0	0	0	0	0	0
0.004724	0	0	0	0	0	0
0.0075	0	0	0	0	0	0
0.006546	0	0	0	0	0	0
0.011973	0	0	0	0	5	5
0.016493	0	5	0	0	0	5
0.015103	0	0	0	0	0	0
0.00995	0	0	0	0	0	0
0.028328	0	0	0	0	0	0
0.014328	0	0	0	0	0	0
0.01894	0	0	0	0	0	0
0.041636	0	0	0	0	0	0
0.025204	0	0	0	0	0	0
0.022828	0	0	0	0	0	0
0.01969	0	0	0	0	0	0
0.021424	0	0	0	0	0	0
0.011909	0	0	0	0	0	0
0.011526	0	0	0	0	0	0
0.012895	0	0	0	0	0	0
0.020763	0	0	0	0	0	0
0.015905	0	0	0	0	0	0
0.010811	0	0	0	0	0	0
0.022897	0	0	0	0	0	0
0.005572	0	0	0	0	0	0
0.002024	0	0	0	0	0	0
0.030117	0	0	0	0	0	0
0.044263	0	0	0	0	0	0
0.01366	0	0	0	0	0	0
0.019415	0	0	0	0	0	0

0.014723	0	0	0	0	0	0
0.045034	0	0	0	0	0	0
0.029788	0	0	0	0	0	0
0.063135	0	0	0	0	0	0
0.064801	0	0	0	0	0	0
0.085888	0	0	0	0	0	0
0.05409	0	0	0	0	0	0
0.068043	0	0	0	0	0	0
0.061747	0	0	0	0	0	0
0.067414	0	0	0	0	0	0
0.054453	0	0	0	0	0	0
0.081481	0	0	0	0	0	0
0.057092	0	0	0	0	0	0
0.016323	0	0	0	0	0	0
0.055876	0	0	0	0	0	0
0.064587	0	0	0	0	0	0
0.054307	0	0	0	0	0	0
0.034067	0	0	0	0	0	0
0.043028	0	0	0	0	0	0
0.036727	0	0	0	0	0	0
0.117096	0	0	0	0	0	0
0.023903	0	0	0	0	0	0
0.045894	0	0	0	0	0	0
0.018383	0	0	0	0	0	0
0.032854	0	0	0	0	0	0
0.033656	0	0	0	0	0	0
0.029059	0	0	0	0	0	0
0.064213	0	0	0	0	0	0
0.065863	0	0	0	0	0	0
0.043863	0	0	0	0	0	0
0.034573	0	0	0	0	0	0
0.044763	0	0	0	0	0	0
0.029062	0	0	0	0	0	0
0.014392	0	0	0	0	0	0
0.026913	0	0	0	0	0	0
0.017047	0	0	0	0	0	0
0.01637	0	0	0	0	0	0
0.029051	0	0	0	0	0	0
0.078633	0	0	0	0	0	0
0.415619	0	0	0	0	0	0
0.288059	0	0	0	0	0	0
0.061832	0	0	0	0	0	0
0.25567	0	0	0	0	0	0
0.164139	0	0	0	0	0	0
0.006408	0	0	0	0	0	0
0.012153	0	0	0	0	0	0
0.005758	0.01	0	0	0	0	0
0.002676	0	0	0	0	0	0
0.078432	0	0	0	0	0	0
0.0449	0	0	0	0	0	0



0.30176	0.03	0	0	0	0	0
0.033503	0	5	0	0	0	5
0.09038	0	0	0	0	0	0
0.007529	0	0	0	0	0	0
0.007938	0	0	0	0	0	0
0.007628	0	0	0	0	0	0
0.009874	0	0	0	0	0	0
0.022997	0	0	0	0	0	0
0.013014	0	0	0	0	0	0
0.006099	0	0	0	0	0	0
0.004713	0	0	0	0	0	0
0.004723	0	0	0	0	0	0
0.003235	0	0	0	0	0	0
0.00509	0	0	0	0	7	7
0.009163	0	0	0	0	0	0
0.005725	0	7	0	0	0	7
0.00907	0	0	0	0	0	0
0.005395	0	0	0	0	0	0
0.004474	0	0	0	0	0	0
0.008902	0	0	0	0	0	0
0.011463	0	0	0	0	0	0
0.007673	0	0	0	0	0	0
0.006051	0	0	0	0	0	0
0.010678	0	0	0	0	0	0
0.008045	0	0	0	0	0	0
0.007576	0	0	0	0	0	0
0.024049	0	0	0	4	0	4
0.045906	0	0	0	0	0	0
0.038033	0	0	0	0	0	0
0.034382	0	0	0	0	0	0
0.011619	0	0	0	0	0	0
0.026095	0	0	0	0	0	0
0.020115	0	0	0	0	0	0
0.018266	0	0	0	0	0	0
0.000161	0	0	0	0	0	0
0.002982	0	0	0	0	0	0
0.000182	0	0	0	0	0	0
0.00018	0	0	0	0	0	0
0.000176	0	0	0	0	0	0
0.001528	0	0	0	0	0	0
0.001439	0	0	5	5	0	10
0.000633	0	0	0	0	0	0
0.000786	0	0	0	0	0	0
0.000374	0	0	0	0	0	0
0.002049	0	0	0	0	0	0
0.001313	0	0	0	0	0	0
0.003523	0	0	0	0	0	0
0.002346	0	0	0	0	0	0
0.001066	0	0	0	0	0	0
0.004287	0	0	0	0	0	0

0.000453	0	0	0	0	0	0
0.00069	0	0	0	0	0	0
0.001156	0	0	0	0	0	0
0.000633	0	0	0	0	0	0
0.002628	0	0	0	0	0	0
0.001259	0	0	0	0	0	0
0.065685	0.15	0	0	0	7	7
0.002288	0	0	0	0	0	0
0.000841	0	0	0	0	0	0
0.001571	0	0	0	0	0	0
0.000569	0	0	0	0	0	0
0.000311	0	0	0	0	6	6
0.000465	0	6	0	0	0	6
0.000338	0	0	0	0	0	0
0.001802	0	0	0	0	0	0
0.001727	0	0	0	0	0	0
0.02346	0.01	0	0	0	0	0
0.001172	0	0	0	0	0	0
0.001591	0	0	0	0	0	0
0.001517	0	0	0	0	0	0
0.003542	0	0	0	0	0	0
0.004436	0	0	0	0	0	0
0.000658	0	0	0	0	0	0
0.000441	0	0	0	0	0	0
0.014772	0	0	0	0	0	0
0.001004	0	0	0	0	0	0
0.00026	0	0	0	0	0	0
0.016312	0	0	0	0	0	0
0.060445	0	0	0	0	0	0
0.064818	0	0	0	0	0	0
0.059528	0	0	0	0	0	0
0.042133	0	0	0	0	0	0
0.035601	0	0	0	0	0	0
0.036611	0	0	0	0	0	0
0.052603	0	0	0	0	0	0
0.029379	0	0	0	0	0	0
0.065394	0	0	0	0	0	0
0.13668	0	0	0	0	0	0
0.109127	0	0	0	0	0	0
0.106738	0	0	0	0	0	0
0.111849	0	0	0	0	0	0
0.061383	0	0	0	0	0	0
0.443495	0	0	0	0	0	0
0.160625	0	0	0	0	0	0
0.287361	0.04	0	0	0	0	0
0.06377	0	0	0	0	0	0
0.031036	0	0	0	0	0	0
0.001333	0	0	0	0	0	0
0.003094	0	0	0	0	0	0
0.034907	0	0	0	0	0	0

0.058979	0	0	0	0	4	4
0.461566	0	4	0	0	0	4
0.082046	0	0	0	0	0	0
0.23375	0	0	0	0	0	0
0.046727	0	0	0	0	0	0
0.048407	0	0	0	0	0	0
0.044871	0	0	0	0	0	0
0.091219	0	0	0	0	0	0
0.2	0	0	0	0	0	0
0.20905	0	0	0	0	0	0
0.211444	0	0	0	0	0	0
0.19068	0	0	0	0	0	0
0.106871	0	0	0	0	0	0
0.033042	0	0	0	0	0	0
0.173772	0	0	0	0	0	0
0.024178	0	0	0	0	0	0
0.035419	0	0	0	0	0	0
0.114491	0	0	0	0	0	0
0.01325	0	0	0	0	0	0
0.009317	0	0	0	0	0	0
0.176453	0.28	0	0	0	0	0
0.008828	0	0	0	0	0	0
0.007519	0	0	0	0	0	0
0.048617	0	0	0	0	0	0
0.009962	0	0	0	0	0	0
0.009799	0	0	0	0	0	0
0.017764	0.01	0	0	0	0	0
0.008624	0	0	0	0	0	0
0.011741	0	0	0	0	0	0
0.012765	0	0	0	0	0	0
0.026011	0	0	0	0	0	0
0.029338	0	0	0	0	0	0
0.016488	0	0	0	0	0	0
0.072557	0	0	0	0	0	0
0.060016	0	0	0	0	0	0
0.035889	0	0	0	0	0	0
0.033798	0	0	0	0	0	0
0.13631	0.03	0	0	0	0	0
0.089938	0	0	0	0	0	0
0.049971	0	0	0	0	0	0
0.073527	0	0	0	0	0	0
0.046785	0	0	0	0	0	0
0.047622	0	0	0	0	0	0
0.052606	0	0	0	0	0	0
0.049731	0	0	0	0	0	0
0.045389	0	0	0	0	0	0
0.047496	0	0	0	0	0	0
0.002864	0	0	0	0	0	0
0.04367	0	0	0	0	0	0
0.008295	0	0	0	0	0	0

0.084661	0	0	0	0	0	0
0.043606	0	0	0	2	0	2
0.0305	0	0	0	0	0	0
0.029881	0	0	0	0	0	0
0.089779	0	0	0	0	0	0
0.061563	0	0	0	0	0	0
0.031468	0	0	0	0	0	0
0.028517	0	0	0	0	0	0
0.005656	0	0	0	0	0	0
0.009738	0	0	0	0	0	0
0.005904	0	0	0	0	0	0
0.002499	0	0	0	0	0	0
0.177686	0	0	0	0	0	0
0.012524	0	0	0	0	0	0
0.029586	0	0	0	0	0	0
0.009073	0	0	0	0	0	0
0.028585	0	0	0	0	0	0
0.030313	0	0	0	0	0	0
0.016581	0	0	0	0	0	0
0.004908	0	1	0	0	0	1
0.02582	0.02	0	0	0	0	0
0.006635	0	0	0	0	0	0
0.003755	0	0	0	0	0	0
0.006462	0	0	0	0	0	0
0.00492	0	0	0	0	0	0
0.01913	0.02	0	0	0	0	0
0.062664	0	0	0	0	0	0
0.004972	0	0	0	0	0	0
0.008125	0	0	0	0	0	0
0.005237	0	0	0	0	0	0
0.022672	0	0	0	0	0	0
0.00425	0	0	0	0	0	0
0.026849	0	0	0	0	0	0
0.086815	0	0	0	0	0	0
0.070388	0.04	0	0	0	0	0
0.020851	0	0	0	0	0	0
0.04256	0	0	0	0	0	0
0.022678	0	0	0	0	0	0
0.028061	0	0	0	0	0	0
0.068226	0	0	0	0	0	0
0.146636	0	0	3	3	0	6
0.066821	0	0	0	0	0	0
0.027416	0	0	0	0	0	0
0.007119	0	0	0	0	0	0
0.044775	0	0	0	0	0	0
0.033305	0	0	0	0	0	0
0.379968	0	0	0	0	0	0
0.038278	0	0	0	0	0	0
0.068584	0.04	0	0	0	0	0
0.136851	0	0	0	0	0	0

0.119692	0	0	0	0	0	0
0.189939	0	0	0	0	0	0
0.146218	0	0	0	0	0	0
0.134601	0	0	0	0	0	0
0.115984	0	0	0	0	0	0
0.097823	0	0	0	0	0	0
0.052077	0	0	0	0	0	0
0.085958	0	0	0	0	0	0
0.056416	0	0	0	0	0	0
0.060102	0	0	0	0	0	0
0.098512	0	0	0	0	0	0
0.096848	0	0	0	0	0	0
0.103216	0	0	0	0	0	0
0.039955	0	0	3	0	0	3
0.036694	0	0	0	0	0	0
0.044046	0	0	0	0	0	0
0.067089	0	0	0	0	0	0
0.041522	0	0	0	0	0	0
0.032855	0	0	0	0	0	0
0.027261	0	0	0	0	0	0
0.029441	0	0	0	0	0	0
0.02458	0	0	0	0	0	0
0.039123	0	0	0	0	0	0
0.054539	0	0	0	0	0	0
0.044192	0	0	0	0	0	0
0.032573	0	0	0	0	0	0
0.028159	0	0	0	0	0	0
0.066239	0	0	0	0	0	0
0.042767	0	0	0	0	0	0
0.054604	0	0	0	0	0	0
0.042421	0	0	0	0	0	0
0.031818	0	0	0	0	0	0
0.046542	0	0	0	0	0	0
0.018153	0	0	0	0	0	0
0.06589	0	0	0	0	0	0
0.022743	0	0	0	0	0	0
0.113513	0	0	0	0	0	0
0.095732	0	0	0	0	0	0
0.013676	0	0	0	0	0	0
0.02526	0	0	0	0	0	0
0.015543	0	0	0	0	0	0
0.015623	0	0	0	0	0	0
0.019097	0	0	0	0	0	0
0.041823	0	0	0	0	0	0
0.063713	0	6	0	0	0	6
0.00745	0	0	0	0	0	0
0.024787	0	0	0	0	0	0
0.038192	0	0	0	0	0	0
0.034693	0	0	0	0	0	0
0.006539	0	0	0	0	0	0

0.008098	0	0	0	0	0	0
0.008983	0	0	0	0	0	0
0.070629	0	0	0	0	0	0
0.050228	0	0	0	0	0	0
0.081678	0	0	0	0	0	0
0.035608	0	0	0	0	0	0
0.057336	0	0	0	0	0	0
0.009336	0	0	0	0	5	5
0.018779	0	5	0	0	0	5
0.005187	0	0	0	0	0	0
0.012678	0	0	0	0	0	0
0.036321	0.01	0	0	0	0	0
0.011709	0	0	0	0	0	0
0.035824	0	0	0	0	0	0
0.022114	0	0	0	0	0	0
0.021851	0	0	0	0	0	0
0.00909	0	0	0	0	0	0
0.016967	0	0	0	0	0	0
0.013793	0	0	0	0	0	0
0.021416	0	0	0	0	0	0
0.01635	0	0	0	0	0	0
0.037385	0	0	0	0	0	0
0.016356	0	0	0	0	0	0
0.018431	0	0	0	0	0	0
0.01711	0	0	0	0	0	0
0.040755	0	0	0	0	0	0
0.011254	0	0	0	0	0	0
0.02492	0	0	0	0	0	0
0.050877	0	0	0	0	0	0
0.025514	0	0	0	0	0	0
0.013786	0	0	0	0	0	0
0.016088	0	0	0	0	0	0
0.010814	0	0	0	0	0	0
0.012219	0	0	0	0	0	0
0.01589	0	0	0	0	0	0
0.01338	0	0	0	0	0	0
0.015933	0	0	0	0	0	0
0.012696	0	0	0	0	0	0
0.020603	0	0	0	0	0	0
0.016165	0	0	0	0	0	0
0.018294	0	0	0	0	0	0
0.050265	0	0	0	0	0	0
0.070599	0	0	0	0	0	0
0.042273	0	0	0	0	0	0
0.016092	0	0	0	0	0	0
0.020881	0	0	0	0	0	0
0.024073	0	0	0	0	0	0
0.037091	0	0	0	0	0	0
0.01631	0	0	0	0	0	0
0.011148	0	0	0	0	0	0

0.032283	0	0	0	0	0	0
0.076073	0	0	0	0	0	0
0.028598	0	0	0	0	0	0
0.037828	0	0	0	0	0	0
0.061699	0	0	0	0	0	0
0.033758	0	0	0	0	0	0
0.022773	0	0	0	0	0	0
0.034179	0	0	0	0	0	0
0.021039	0	0	0	0	0	0
0.025924	0	0	0	0	0	0
0.03123	0	0	0	0	0	0
0.040335	0	0	0	0	0	0
0.05185	0	0	0	0	0	0
0.037515	0	0	0	0	0	0
0.062498	0	0	0	0	0	0
0.047366	0	0	0	0	0	0
0.051821	0	0	0	0	0	0
0.103562	0	0	0	0	0	0
0.056038	0	0	0	0	0	0
0.091585	0	0	0	0	0	0
0.525159	0	0	0	0	0	0
0.07334	0	0	0	0	0	0
0.043325	0	0	0	0	0	0
0.02507	0	0	0	0	0	0
0.022605	0	0	0	0	0	0
0.02367	0	0	0	0	0	0
0.02419	0	0	0	0	0	0
0.010913	0	0	0	0	0	0
0.006163	0	0	0	0	0	0
0.05664	0	0	0	0	0	0
0.047456	0	0	0	0	0	0
0.053804	0	0	0	0	0	0
0.044539	0	0	0	0	0	0
0.044627	0	0	0	0	0	0
0.047732	0	0	0	0	0	0
0.046162	0	0	0	0	0	0
0.032264	0	0	0	0	0	0
0.061682	0	0	0	0	0	0
0.06263	0	0	0	0	0	0
0.055623	0	0	0	0	0	0
0.058176	0	0	0	0	0	0
0.085337	0	0	0	0	0	0
0.112056	0	0	0	0	0	0
0.21967	0	0	0	0	0	0
0.099924	0	0	0	0	0	0
0.057987	0	0	0	0	0	0
0.051805	0	0	0	0	0	0
0.086107	0	0	0	0	0	0
0.065748	0	0	0	0	0	0
0.040044	0	0	0	0	0	0

0.049042	0	0	0	0	0	0
0.076546	0	0	0	0	0	0
0.002506	0	0	0	0	0	0
0.027225	0	0	0	0	0	0
0.004667	0	0	0	0	0	0
0.002458	0	0	0	0	0	0
0.005674	0	0	0	0	0	0
0.052319	0	0	0	0	0	0
0.039906	0	0	0	0	0	0
0.009577	0	0	0	0	0	0
0.011953	0	0	0	0	0	0
0.013362	0	0	0	0	0	0
0.011963	0	0	0	0	0	0
0.017625	0	0	0	0	0	0
0.007929	0	0	0	0	0	0
0.010449	0	0	0	0	0	0
0.027904	0	0	0	0	0	0
0.008101	0	0	0	0	0	0
0.015431	0	0	0	0	0	0
0.037327	0	0	1	0	0	1
0.013251	0	0	0	0	0	0
0.020599	0	0	0	0	0	0
0.023212	0	0	0	0	0	0
0.018361	0	0	0	0	0	0
0.021433	0	0	0	0	0	0
0.024507	0	0	0	0	0	0
0.015358	0	0	0	0	0	0
0.021254	0	0	0	0	0	0
0.031538	0	0	0	0	0	0
0.010287	0	0	0	0	0	0
0.020061	0	0	0	0	0	0
0.01974	0	0	0	0	0	0
0.009155	0	0	0	0	0	0
0.072931	0	0	0	0	0	0
0.011369	0	0	0	0	0	0
0.008913	0	0	0	0	0	0
0.016876	0	0	1	0	0	1
0.009338	0	0	0	0	0	0
0.312697	0.04	0	4	0	0	4
0.018616	0	0	0	0	0	0
0.026332	0	0	0	0	0	0
0.025999	0	0	0	0	0	0
0.021291	0	0	0	0	0	0
0.039172	0	0	0	0	0	0
0.022976	0	0	0	0	0	0
0.019649	0	0	0	0	0	0
0.048085	0	0	0	0	0	0
0.02041	0	0	0	0	0	0
0.033636	0	0	0	0	0	0
0.02333	0	0	0	0	0	0



0.014199	0	0	0	0	0	0
0.014627	0	0	0	0	0	0
0.018465	0	0	0	0	0	0
0.013652	0	0	0	0	0	0
0.021401	0	0	0	0	0	0
0.028265	0	0	0	0	0	0
0.013723	0	0	0	0	0	0
0.018099	0	0	0	0	0	0
0.026598	0	0	0	0	0	0
0.01494	0	0	0	0	0	0
0.009303	0	0	0	0	0	0
0.016053	0	0	0	0	0	0
0.006316	0	0	0	0	0	0
0.009822	0	0	0	0	0	0
0.005652	0	0	0	0	0	0
0.007249	0	0	0	0	0	0
0.004578	0	0	0	0	0	0
0.003528	0	0	0	0	0	0
0.002684	0	0	0	0	0	0
0.042957	0	0	0	0	0	0
0.004913	0	0	0	0	0	0
0.147376	0.06	0	0	0	0	0
0.006378	0	0	0	0	0	0
0.021843	0	0	0	0	0	0
0.01544	0	0	0	0	0	0
0.006587	0	0	0	0	0	0
0.004879	0	0	0	0	0	0
0.00929	0	0	0	0	0	0
0.03222	0	0	0	0	0	0
0.040528	0	0	0	0	0	0
0.023798	0	0	0	0	0	0
0.023619	0	0	0	0	0	0
0.029692	0	0	0	0	0	0
0.00973	0	0	0	0	0	0
0.011409	0	0	0	0	0	0
0.009639	0	0	0	0	0	0
0.025954	0	0	0	0	0	0
0.011447	0	0	0	0	0	0
0.011125	0	0	0	0	0	0
0.006194	0	0	0	0	0	0
0.037424	0	0	0	0	0	0
0.067892	0	0	0	0	0	0
0.05922	0	0	0	0	0	0
0.031316	0	0	0	0	0	0
0.030791	0	0	0	0	0	0
0.021965	0	0	0	0	0	0
0.005666	0	0	0	0	0	0
0.006538	0	0	0	0	0	0
0.002888	0	0	0	0	0	0
0.006085	0	0	0	0	0	0

0.333507	0	0	0	0	0	0
0.062363	0	0	0	0	0	0
0.189279	0	0	0	0	0	0
0.101785	0	0	0	0	0	0
0.063274	0	0	0	0	0	0
0.262668	0	0	0	0	0	0
0.030463	0	0	0	0	0	0
0.023504	0	0	0	0	0	0
0.046914	0	0	0	0	0	0
0.037394	0	0	0	0	0	0
0.024516	0	0	0	0	0	0
0.013827	0	0	0	0	0	0
0.017969	0	0	0	0	0	0
0.198451	0	0	0	0	0	0
0.029054	0	0	0	0	0	0
0.052323	0	0	0	0	0	0
0.070579	0	0	0	0	0	0
0.043034	0	0	0	0	0	0
0.04234	0	0	5	0	0	5
0.03432	0	0	0	0	0	0
0.230118	0	0	0	0	0	0
0.05469	0	0	0	0	0	0
0.155935	0	0	0	0	0	0
0.029469	0	0	0	0	0	0
0.029036	0	0	0	0	0	0
0.03357	0	0	0	0	0	0
0.267411	0	0	0	0	0	0
0.095203	0	0	0	0	0	0
0.010091	0	0	0	0	0	0
0.004531	0	0	0	0	0	0
0.004289	0	0	0	0	0	0
0.004342	0	0	0	0	0	0
0.00517	0	0	0	0	0	0
0.029739	0	0	0	0	0	0
0.00466	0.01	0	0	0	0	0
0.00459	0	0	0	0	0	0
0.003703	0	0	0	0	0	0
0.008386	0.02	0	0	0	0	0
0.011486	0	0	0	0	0	0
0.001508	0	0	0	0	0	0
0.002535	0	0	0	0	0	0
0.138238	0.04	0	0	0	0	0
0.28904	0.14	0	0	0	0	0
0.001035	0	0	0	0	0	0
0.005412	0	0	0	0	0	0
0.056631	0	0	0	0	0	0
0.034436	0	0	0	0	0	0
0.037502	0	0	0	0	0	0
0.02583	0	0	0	0	0	0
0.024127	0	0	0	0	0	0

0.046272	0	0	0	0	0	0
0.02772	0	0	0	0	0	0
0.024253	0	0	0	0	0	0
0.038354	0	0	0	0	0	0
0.035165	0	0	0	0	0	0
0.16797	0	0	0	0	0	0
0.05631	0	0	0	0	0	0
0.05675	0	0	0	0	0	0
0.063441	0	0	0	0	0	0
0.032474	0	0	0	0	0	0
0.02331	0	0	0	0	4	4
0.025078	0	4	0	0	0	4
0.076529	0	0	0	0	4	4
0.018796	0	4	0	0	0	4
0.01919	0	0	0	0	0	0
0.013525	0	0	0	0	0	0
0.015106	0	0	0	0	0	0
0.023401	0	0	0	0	0	0
0.038697	0	0	0	0	0	0
0.013983	0	0	0	0	0	0
0.030741	0	0	0	0	0	0
0.016861	0	0	0	0	0	0
0.017237	0	0	0	0	0	0
0.009437	0	0	0	0	0	0
0.0078	0	0	0	0	0	0
0.013024	0	0	0	0	0	0
0.04117	0	0	0	0	0	0
0.070777	0	0	0	0	0	0
0.06753	0	0	0	0	0	0
0.24244	0	0	0	0	0	0
0.057966	0	0	0	0	0	0
0.035469	0	0	0	0	0	0
0.062953	0	0	0	0	0	0
0.015893	0	0	0	0	0	0
0.019048	0	0	0	0	0	0
0.225016	0	0	0	0	0	0
0.224754	0	0	0	0	0	0
0.05848	0	0	0	0	0	0
0.12154	0	0	0	0	0	0
0.014262	0	0	0	0	0	0
0.033293	0	0	0	0	0	0
0.155386	0	0	0	0	0	0
0.029938	0	0	0	0	0	0
0.054944	0	0	0	0	0	0
0.054663	0	0	0	0	0	0
0.033883	0	0	0	0	0	0
0.033283	0	0	0	0	0	0
0.062025	0	0	0	0	0	0
0.056395	0	0	0	0	0	0
0.020228	0	0	0	0	0	0

0.040722	0	0	0	0	0	0
0.037675	0	0	0	0	0	0
0.020433	0	0	0	0	0	0
0.006022	0	0	0	0	0	0
0.004487	0	0	0	0	0	0
0.031511	0	0	0	0	0	0
0.006644	0	0	0	0	0	0
0.005422	0	0	0	0	0	0
0.005401	0	0	0	0	0	0
0.012769	0	0	0	0	0	0
0.000906	0	0	0	0	0	0
0.004592	0	0	0	0	0	0
0.072316	0	0	0	0	0	0
0.162625	0	0	0	0	0	0
0.086417	0	0	0	0	0	0
0.056196	0	0	0	0	0	0
0.021913	0	0	6	0	0	6
0.030382	0.03	0	0	0	0	0
0.006241	0	0	0	0	0	0
0.016567	0.01	0	0	0	0	0
0.006761	0	0	0	0	0	0
0.928265	0	0	0	0	0	0
0.931801	0	0	0	0	0	0
0.0068	0	0	0	0	0	0
0.003541	0	0	0	0	0	0
0.005587	0	0	0	0	0	0
0.004189	0	0	0	0	0	0
0.004372	0	0	0	0	0	0
0.007618	0	0	0	0	0	0
0.004448	0	0	0	0	0	0
0.006187	0	0	0	0	0	0
0.004158	0	0	0	0	0	0
0.005136	0	0	0	0	0	0
0.062173	0	0	0	0	0	0
0.149991	0	0	0	0	0	0
0.241281	0.06	0	0	0	0	0
0.337554	0	3	0	0	0	3
0.467517	0	0	0	0	0	0
0.305141	0	0	0	0	0	0
0.23709	0	0	0	0	0	0
0.149875	0	0	0	0	0	0
0.169163	0	0	0	0	0	0
0.221893	0	0	0	0	0	0
0.04501	0	0	0	0	0	0
0.180578	0	0	0	0	0	0
0.073557	0	0	0	0	0	0
0.820164	0	0	0	0	0	0
0.094787	0	0	0	0	0	0
0.237407	0	0	0	0	0	0
0.051036	0	0	0	0	0	0

0.03802	0	0	0	0	0	0
0.110882	0	0	0	0	0	0
0.051304	0	0	0	0	0	0
0.125308	0	0	0	0	0	0
0.087194	0	0	0	0	0	0
0.175165	0	0	0	0	0	0
0.098314	0	0	0	0	0	0
0.057936	0	0	0	0	0	0
0.054407	0	0	0	0	0	0
0.069875	0	0	0	0	0	0
0.035849	0	0	0	0	0	0
0.131302	0	0	0	0	0	0
0.082278	0	0	0	0	0	0
0.047867	0	0	0	0	0	0
0.132551	0	0	0	0	0	0
0.806676	0.04	0	0	0	0	0
0.143119	0	0	0	0	0	0
0.051171	0	0	0	0	0	0
0.025299	0	0	0	0	0	0
0.020537	0	0	0	0	0	0
0.263178	0	0	0	0	0	0
0.957233	0	0	0	0	0	0
0.046595	0	0	0	0	0	0
0.057986	0	0	0	0	0	0
0.048122	0	0	0	0	0	0
0.051598	0	0	0	0	0	0
0.06719	0	0	0	0	0	0
0.12661	0	0	0	0	0	0
0.060398	0	0	0	0	0	0
0.018732	0	0	0	0	0	0
0.032518	0	0	0	0	0	0
0.11496	0	0	0	0	0	0
0.10797	0	0	0	0	0	0
0.116445	0	0	0	0	0	0
0.063853	0	0	0	0	0	0
0.028895	0	0	0	0	0	0
0.048461	0	0	0	0	0	0
0.052711	0	0	0	0	0	0
0.10773	0	0	0	0	0	0
0.028169	0	0	0	0	0	0
0.013257	0	0	0	0	0	0
0.239962	0	0	0	0	0	0
0.085498	0	0	0	0	0	0
0.031001	0	0	0	0	0	0
0.165887	0	0	0	0	0	0
0.098526	0	0	0	0	0	0
0.139339	0	0	0	0	0	0
0.043346	0	0	0	0	0	0
0.022802	0	0	0	0	0	0
0.939608	0	0	0	0	0	0

0.009855	0	0	0	0	0	0
0.023369	0	0	0	0	0	0
0.013731	0	0	0	0	0	0
0.011124	0	0	0	0	0	0
0.014693	0	0	0	0	0	0
0.01607	0	0	0	0	0	0
0.007323	0	0	0	0	0	0
0.137195	0	0	0	0	0	0
0.020858	0	0	0	0	0	0
0.020011	0	0	0	0	0	0
0.062418	0	0	0	0	0	0
0.059985	0	0	0	0	0	0
0.060163	0	0	0	0	0	0
0.056956	0	0	0	0	0	0
0.018827	0	0	0	0	0	0
0.008271	0	0	0	0	0	0
0.006314	0	0	0	0	0	0
0.005965	0	0	0	0	0	0
0.015455	0	0	0	0	0	0
0.022647	0	0	0	0	0	0
0.013596	0	0	0	0	0	0
0.036331	0	0	0	0	0	0
0.048414	0	0	0	0	0	0
0.015627	0	0	0	0	0	0
0.014434	0	0	0	0	0	0
0.033276	0	0	0	0	0	0
0.029683	0	0	0	0	0	0
0.010727	0	0	0	0	0	0
0.007696	0	0	0	0	0	0
0.047821	0	0	0	0	0	0
0.220192	0	0	0	0	0	0
0.200027	0	0	0	0	0	0
0.146489	0	0	0	0	0	0
0.039586	0	0	0	0	0	0
0.04573	0	0	0	0	0	0
0.041868	0	0	0	0	0	0
0.013256	0	0	0	0	0	0
0.010361	0	0	0	0	0	0
0.028636	0	0	0	0	0	0
0.050341	0	0	0	0	0	0
0.095949	0	0	0	0	0	0
0.095132	0	0	0	0	0	0
0.031698	0	5	0	0	0	5
0.018097	0	0	0	0	0	0
0.013395	0	0	0	0	0	0
0.015613	0	0	0	0	0	0
0.012906	0	0	0	0	0	0
0.01816	0	0	0	0	0	0
0.02046	0	0	0	0	0	0
0.008607	0	0	0	0	0	0

0.011426	0	0	0	0	0	0
0.389969	0	0	0	0	0	0
0.258809	0.02	0	0	0	0	0
0.056672	0	0	0	0	0	0
0.010197	0	0	0	0	0	0
0.058575	0	0	0	0	0	0
0.021468	0	0	0	0	0	0
0.031439	0	0	0	0	0	0
0.017868	0	0	0	0	0	0
0.0224	0	0	0	0	0	0
0.019863	0	0	0	0	0	0
0.023932	0	0	0	0	0	0
0.009341	0	0	0	0	0	0
0.022937	0.03	0	0	0	0	0
0.05115	0	0	0	0	0	0
0.048378	0	0	0	0	0	0
0.011082	0	0	0	0	0	0
0.132777	0	0	5	5	0	10
0.105395	0	0	0	0	0	0
0.010952	0	0	0	0	0	0
0.004343	0	0	0	0	0	0
0.026436	0	0	0	0	0	0
0.018144	0	0	0	0	0	0
0.030179	0	0	0	0	0	0
0.038516	0	0	0	0	0	0
0.003142	0	0	0	0	0	0
0.003735	0	0	0	0	0	0
0.003033	0	0	0	0	0	0
0.01047	0	0	0	0	0	0
0.061594	0	0	0	0	0	0
0.250824	0	0	0	0	0	0
0.016886	0	0	0	0	0	0
0.036691	0	0	0	0	0	0
0.046691	0	0	0	0	0	0
0.088894	0	0	0	0	0	0
0.035231	0	0	4	4	0	8
0.051126	0	0	0	0	0	0
0.007996	0	0	0	0	0	0
0.007251	0	0	0	0	0	0
0.015938	0	0	0	0	0	0
0.007657	0	0	0	0	0	0
0.013929	0	0	0	0	0	0
0.011999	0	0	0	0	0	0
0.00643	0	0	0	0	0	0
0.01833	0	0	0	0	0	0
0.000493	0	0	0	0	0	0
0.03861	0	0	0	0	0	0
0.006125	0	0	0	0	0	0
0.030414	0	0	0	0	0	0
0.004804	0	0	0	0	0	0

0.006239	0	0	0	0	0	0
0.003269	0	0	0	0	0	0
0.091825	0.1	0	0	0	0	0
0.001172	0	0	0	0	0	0
0.001049	0	0	0	0	1	1
0.003504	0	1	0	0	0	1
0.000706	0	0	0	0	0	0
0.003301	0	0	0	0	0	0
0.000736	0	0	0	0	0	0
0.000503	0	0	0	0	0	0
0.177763	0	0	0	4	0	4
0.037661	0	0	0	0	0	0
0.075808	0	0	0	0	0	0
0.000531	0	0	0	0	0	0
0.000527	0	0	0	0	0	0
0.000411	0	0	0	0	0	0
0.019444	0	0	0	0	0	0
0.003627	0	0	0	0	0	0
0.014658	0	0	0	0	0	0
0.009337	0	0	0	0	0	0
0.005184	0	0	0	0	0	0
0.009871	0	0	0	0	0	0
0.002374	0	0	0	0	0	0
0.005061	0	0	0	0	0	0
0.036139	0	0	0	0	0	0
0.017255	0	0	0	0	0	0
0.022584	0	0	0	0	0	0
0.022401	0	0	0	0	0	0
0.020099	0	0	0	0	0	0
0.019848	0	0	0	0	1	1
0.042609	0	1	0	0	0	1
0.019752	0	0	0	0	0	0
0.044416	0	0	0	0	0	0
0.023469	0	0	0	0	0	0
0.037077	0	0	0	0	0	0
0.043179	0	0	0	0	0	0
0.10792	0	0	0	0	0	0
0.09499	0	0	1	0	0	1
0.027092	0	0	0	0	0	0
0.223538	0.02	0	0	0	0	0
0.035016	0	0	0	0	0	0
0.045543	0	0	0	0	0	0
0.041419	0	0	0	0	0	0
0.105343	0	0	0	0	0	0
0.033264	0	0	0	0	0	0
0.023243	0	0	0	0	0	0
0.024352	0	0	0	0	0	0
0.051491	0	0	0	0	0	0
0.251687	0	0	0	0	0	0
0.013051	0	0	0	0	0	0



0.013912	0	0	0	0	0	0
0.018223	0	0	0	0	0	0
0.011186	0	0	0	0	0	0
0.051924	0	0	0	0	0	0
0.01356	0	0	0	0	0	0
0.018093	0	0	0	0	0	0
0.018401	0	0	0	0	0	0
0.071562	0	0	0	0	0	0
0.020272	0	0	0	0	0	0
0.02277	0	0	0	0	0	0
0.073335	0	0	0	0	0	0
0.095937	0	0	0	0	0	0
0.036128	0	0	0	0	0	0
0.059647	0	0	0	0	0	0
0.026934	0	0	0	0	0	0
0.030301	0	0	0	0	0	0
0.013462	0	0	0	0	0	0
0.024482	0	0	0	0	0	0
0.027643	0	0	0	0	0	0
0.0211	0	0	0	0	0	0
0.02245	0	0	0	0	0	0
0.022022	0	0	0	0	0	0
0.011262	0	0	0	0	0	0
0.053484	0	0	0	0	0	0
0.057221	0	0	0	0	0	0
0.041862	0	0	0	0	0	0
0.053785	0	0	0	0	0	0
0.047798	0	0	0	0	0	0
0.038896	0	0	0	0	0	0
0.028143	0	0	0	0	0	0
0.035981	0	0	0	0	0	0
0.211751	0	0	0	0	0	0
0.026109	0	0	0	0	0	0
0.055557	0	0	0	0	0	0
0.029987	0	0	0	0	0	0
0.03619	0	0	0	0	0	0
0.043331	0	0	0	0	0	0
0.038289	0	0	0	0	0	0
0.022864	0	0	0	0	0	0
0.029001	0	0	0	0	0	0
0.024008	0	0	0	0	0	0
0.022308	0	0	0	0	0	0
0.030901	0	0	0	0	0	0
0.05527	0	0	0	0	0	0
0.053861	0	0	0	0	0	0
0.037003	0	0	0	0	0	0
0.01493	0	0	0	0	0	0
0.01478	0	0	0	0	0	0
0.00835	0	0	0	0	0	0
0.012482	0	0	0	0	0	0

0.073703	0	0	0	0	0	0
0.1251	0	0	0	0	0	0
0.060573	0	0	0	0	0	0
0.03676	0	0	0	0	0	0
0.038065	0	0	0	0	0	0
0.019907	0	0	0	0	0	0
0.062554	0	0	0	0	0	0
0.044117	0	0	0	0	0	0
0.064329	0	0	0	0	0	0
0.042747	0	0	0	0	0	0
0.04291	0	0	0	0	0	0
0.056418	0	0	0	0	0	0
0.036108	0	0	0	0	0	0
0.031699	0	0	0	0	0	0
0.030997	0	0	0	0	0	0
0.19287	0	0	0	0	0	0
0.038086	0	0	0	0	0	0
0.024633	0	0	0	0	0	0
0.038877	0	0	0	0	0	0
0.046501	0	0	0	0	0	0
0.01339	0	0	0	0	0	0
0.010577	0	0	0	0	0	0
0.012212	0	0	0	0	0	0
0.062759	0	0	0	0	0	0
0.015866	0	0	0	0	0	0
0.179211	0.14	0	0	0	0	0
0.460074	0.08	0	0	0	0	0
0.058218	0	0	0	0	0	0
0.030612	0	0	0	0	0	0
0.040632	0	0	0	0	0	0
0.046809	0	0	0	0	0	0
0.08221	0	0	0	0	0	0
0.10556	0	0	0	0	0	0
0.109663	0	0	0	0	0	0
0.041613	0	0	0	0	0	0
0.014099	0	0	0	0	0	0
0.050627	0	0	0	0	0	0
0.040731	0	0	0	0	0	0
0.008244	0	0	0	0	0	0
0.049437	0	0	0	0	0	0
0.026245	0	0	0	0	0	0
0.019559	0	0	0	0	0	0
0.018402	0	0	0	0	0	0
0.04553	0	0	0	0	0	0
0.013773	0	0	0	0	0	0
0.023365	0	0	0	0	0	0
0.018149	0	0	0	0	0	0
0.027286	0	0	0	0	0	0
0.015653	0	0	0	0	0	0
0.02702	0	0	0	0	0	0

0.035669	0	0	0	0	0	0
0.222786	0.04	0	0	0	0	0
0.071741	0	0	0	0	0	0
0.018062	0	0	0	0	0	0
0.018337	0	0	0	0	0	0
0.011559	0	0	0	0	0	0
0.030012	0	0	0	0	0	0
0.009313	0	0	0	0	0	0
0.012791	0	0	0	0	0	0
0.011475	0	0	0	0	0	0
0.021384	0	0	0	0	0	0
0.390932	0	0	0	0	0	0
0.041969	0	0	0	0	0	0
0.046622	0	0	0	0	0	0
0.047633	0	0	0	0	0	0
0.060824	0	0	0	0	0	0
0.047781	0	0	0	0	0	0
0.064484	0	0	0	0	0	0
0.079337	0	0	0	0	0	0
0.050128	0	0	0	0	0	0
0.072726	0	0	0	0	0	0
0.043814	0	0	0	0	0	0
0.02503	0	0	0	0	0	0
0.050862	0	0	0	0	0	0
0.032257	0	0	0	0	0	0
0.066065	0	0	0	0	0	0
0.01836	0	0	0	0	0	0
0.027565	0	0	0	0	0	0
0.02012	0	0	0	0	0	0
0.0219	0	0	0	0	0	0
0.022098	0	0	0	0	0	0
0.059881	0	0	0	0	0	0
0.015698	0	0	0	0	0	0
0.020386	0	0	0	0	0	0
0.015862	0	0	0	0	0	0
0.047411	0	0	0	0	0	0
0.163066	0	0	0	0	0	0
0.061694	0	0	0	0	3	3
0.074179	0	3	0	0	0	3
0.055537	0	0	0	0	4	4
0.034606	0	4	0	0	0	4
0.057574	0	0	0	0	0	0
0.042164	0	0	0	0	0	0
0.007858	0	0	0	0	0	0
0.033841	0	0	0	0	0	0
0.037179	0	0	0	0	0	0
0.006277	0	0	0	0	0	0
0.006467	0	0	0	0	0	0
0.004308	0	0	0	0	0	0
0.035132	0	0	0	0	0	0

0.003738	0	0	0	0	0	0
0.036581	0	0	0	0	0	0
0.029096	0	0	0	0	0	0
0.038647	0	0	0	0	0	0
0.038805	0	0	0	0	0	0
0.036142	0	0	0	0	0	0
0.051614	0	0	0	0	0	0
0.083421	0	0	3	0	0	3
0.019099	0	0	0	0	0	0
0.019847	0	0	0	0	0	0
0.060562	0	0	0	0	0	0
0.064228	0	0	0	0	0	0
0.059715	0	0	0	0	0	0
0.110071	0	0	0	0	0	0
0.506164	0	0	0	0	0	0
0.345536	0	0	0	0	0	0
0.093241	0	0	0	0	0	0
0.087776	0	0	0	0	0	0
0.049428	0	0	0	0	0	0
0.037639	0	0	0	0	0	0
0.05872	0	0	0	0	0	0
0.036183	0	0	0	0	0	0
0.030507	0	0	0	0	0	0
0.031865	0	0	0	0	0	0
0.035182	0	0	0	0	0	0
0.024186	0	0	0	0	0	0
0.020906	0	0	0	0	0	0
0.013519	0	0	0	0	0	0
0.01177	0	0	0	0	0	0
0.020501	0	0	0	0	0	0
0.021086	0	0	0	0	0	0
0.022063	0	0	0	0	0	0
0.047137	0	0	0	0	3	3
0.018391	0	3	0	0	0	3
0.020131	0	0	0	0	0	0
0.062515	0	0	0	0	0	0
0.017436	0	0	0	0	0	0
0.016873	0	0	0	0	0	0
0.010775	0	0	0	0	0	0
0.012798	0	0	0	0	0	0
0.011955	0	0	0	0	0	0
0.502512	0.2	0	0	0	0	0
0.023617	0	0	0	0	0	0
0.039355	0	0	0	0	0	0
0.056871	0	0	0	0	0	0
0.035857	0	0	0	0	0	0
0.025051	0	0	0	0	0	0
0.02858	0	0	0	0	0	0
0.018419	0	0	0	0	0	0
0.012638	0	0	0	0	0	0

0.307805	0	0	0	0	0	0
0.0172	0	0	0	0	0	0
0.018496	0	0	0	0	0	0
0.020794	0	0	0	0	0	0
0.043345	0	0	0	0	0	0
0.001774	0	0	0	0	0	0
0.000892	0	0	0	0	0	0
0.002231	0	0	0	0	0	0
0.002828	0	0	0	0	0	0
0.004368	0	0	0	0	0	0
0.005652	0	0	0	0	0	0
0.005663	0	0	0	0	0	0
0.002242	0	0	0	0	0	0
0.001273	0	0	0	0	5	5
0.001388	0	5	0	0	0	5
0.003957	0	0	0	0	0	0
0.004958	0	0	0	0	0	0
0.002973	0	0	0	0	0	0
0.001012	0	0	0	0	0	0
0.062965	0	0	0	0	0	0
0.025581	0	0	0	0	0	0
0.040294	0	0	0	0	0	0
0.046874	0	0	0	0	0	0
0.036369	0	0	0	0	0	0
0.072145	0	0	0	0	0	0
0.065541	0	0	0	0	0	0
0.067408	0	0	0	0	0	0
0.133706	0	0	0	0	0	0
0.091946	0	0	0	0	0	0
0.055242	0	0	0	0	0	0
0.252237	0	0	0	0	0	0
0.267781	0	0	0	0	0	0
0.098399	0	0	0	0	0	0
0.082392	0	0	0	0	0	0
0.066877	0	0	0	0	0	0
0.901489	0	0	0	0	0	0
0.043852	0	0	0	0	0	0
0.046812	0	0	0	0	0	0
0.040428	0	0	0	0	0	0
0.033086	0	0	0	0	0	0
0.034994	0	0	0	0	0	0
0.165732	0	0	0	0	0	0
0.026758	0	0	0	0	0	0
0.030225	0	0	0	0	0	0
0.051582	0	0	0	0	0	0
0.031793	0	0	0	0	0	0
0.111712	0	0	0	0	0	0
0.056348	0	0	0	0	0	0
0.092712	0	0	0	0	0	0
0.037361	0	0	0	3	0	3

0.019547	0	0	0	0	0	0
0.019438	0	0	0	0	0	0
0.008315	0	0	0	0	0	0
0.227229	0	0	0	0	0	0
0.056346	0	0	0	0	0	0
0.053289	0	0	0	0	0	0
0.048874	0	0	0	0	0	0
0.083704	0	0	0	0	0	0
0.096711	0	0	0	0	0	0
0.077988	0	0	0	0	0	0
0.215245	0.03	0	0	0	0	0
0.118283	0	0	0	0	0	0
0.124914	0	0	0	0	0	0
0.137582	0	0	0	0	9	9
0.188385	0.04	9	0	0	0	9
0.578067	0.29	0	0	0	0	0
0.145218	0	0	0	0	0	0
0.097957	0	0	0	0	0	0
0.081817	0	0	0	0	0	0
0.065511	0	0	0	0	0	0
0.035723	0	0	0	0	0	0
0.110058	0	0	0	0	0	0
0.081538	0	0	0	0	0	0
0.101763	0	0	0	0	0	0
0.067887	0	0	0	0	0	0
0.255915	0	0	0	0	0	0
0.051594	0	0	0	0	0	0
0.052811	0	0	0	0	0	0
0.053737	0	0	0	0	0	0
0.06213	0	0	0	0	0	0
0.085878	0	0	0	0	0	0
0.016397	0	0	0	0	0	0
0.178757	0	0	0	0	0	0
0.133367	0.01	0	0	0	0	0
0.013996	0	0	0	0	0	0
0.038054	0	0	0	0	0	0
0.038154	0	0	0	0	5	5
0.034447	0	5	0	0	0	5
0.011006	0	0	0	0	0	0
0.044624	0	0	0	0	0	0
0.052691	0	0	0	0	0	0
0.102103	0	0	0	0	0	0
0.693564	0.01	0	0	0	2	2
0.003641	0	0	0	0	0	0
0.005072	0	0	0	0	0	0
0.034953	0	0	5	5	2	12
0.006249	0	2	0	0	5	7
0.008042	0	5	0	0	0	5
0.019801	0	0	0	0	0	0
0.010588	0	0	0	0	0	0

0.003249	0	0	0	0	0	0
0.002717	0	0	0	0	0	0
0.002694	0	0	0	0	0	0
0.011622	0	2	0	0	0	2
0.004519	0	0	0	0	0	0
0.006203	0	0	0	0	0	0
0.003409	0	0	0	0	0	0
0.00297	0	0	0	0	0	0
0.010391	0	0	0	0	0	0
0.001971	0	0	0	0	0	0
0.03682	0	0	0	4	0	4
0.032871	0	0	0	0	0	0
0.008553	0	0	0	0	0	0
0.006007	0	0	0	0	0	0
0.003654	0	0	0	0	0	0
0.009453	0	0	0	0	5	5
0.002823	0	5	0	0	0	5
0.004332	0	0	0	0	0	0
0.005243	0	0	0	0	0	0
0.003514	0	0	0	0	0	0
0.023414	0	0	0	0	0	0
0.070563	0	0	0	0	0	0
0.005077	0	0	0	0	0	0
0.037236	0	0	0	0	0	0
0.016307	0	0	0	0	0	0
0.006032	0	0	0	0	0	0
0.021227	0	0	0	0	0	0
0.03363	0	0	0	0	0	0
0.013345	0	0	0	0	0	0
0.014679	0	0	0	0	0	0
0.052541	0	0	0	0	0	0
0.015663	0	0	0	0	0	0
0.017543	0	0	0	0	0	0
0.010761	0	0	0	0	0	0
0.004822	0	0	0	0	0	0
0.006718	0	0	0	0	0	0
0.007527	0	0	0	0	0	0
0.052577	0	0	0	0	0	0
0.005532	0	0	0	0	0	0
0.016776	0	0	0	0	0	0
0.015995	0	0	0	0	0	0
0.016175	0	0	0	0	0	0
0.015328	0	0	0	0	0	0
0.017674	0	0	0	0	0	0
0.010549	0	0	0	0	0	0
0.010202	0	0	0	0	0	0
0.050167	0	0	0	0	0	0
0.030838	0	0	0	0	0	0
0.039391	0	0	0	0	0	0
0.038459	0	0	0	0	0	0

0.076324	0	0	0	0	0	0
0.029379	0	0	0	0	0	0
0.023804	0	0	0	0	0	0
0.026709	0	0	0	0	0	0
0.033113	0	0	0	0	0	0
0.02102	0	0	0	0	0	0
0.017051	0	0	0	0	0	0
0.036004	0	0	0	0	0	0
0.015468	0	0	0	0	0	0
0.014912	0	0	0	0	0	0
0.011629	0	0	0	0	0	0
0.013964	0	0	0	0	0	0
0.052128	0	0	0	0	0	0
0.013671	0	0	0	0	0	0
0.027977	0	0	0	0	0	0
0.02211	0	0	0	0	0	0
0.014646	0	0	0	0	0	0
0.015011	0	0	0	0	0	0
0.025656	0	0	0	0	0	0
0.014231	0	0	0	0	0	0
0.011518	0	0	0	0	0	0
0.011691	0	0	0	0	0	0
0.019123	0	0	0	0	0	0
0.014944	0	0	0	0	0	0
0.009637	0	0	0	0	0	0
0.008637	0	0	0	0	0	0
0.010431	0	0	0	0	0	0
0.011896	0	0	0	0	0	0
0.012348	0	0	0	0	0	0
0.038743	0	0	0	0	0	0
0.018872	0	0	0	0	0	0
0.007286	0	0	0	0	0	0
0.14206	0	0	0	0	0	0
0.007244	0	0	0	0	0	0
0.011274	0	0	0	0	0	0
0.006837	0	0	0	0	0	0
0.005065	0	0	0	0	0	0
0.052047	0	0	0	0	0	0
0.30595	0	0	0	0	0	0
0.031892	0	0	0	0	0	0
0.023255	0	0	0	0	0	0
0.014329	0	0	0	0	0	0
0.025952	0	0	0	0	0	0
0.009804	0	0	0	0	0	0
0.011126	0	0	0	0	0	0
0.011006	0	0	0	0	0	0
0.012654	0	0	0	0	0	0
0.011815	0	0	0	0	0	0
0.008445	0	0	0	0	0	0
0.357299	0	0	0	0	0	0



0.019184	0	0	0	0	0	0
0.014754	0	0	0	0	0	0
0.027691	0	0	0	0	0	0
0.013964	0	0	0	0	0	0
0.010394	0	0	0	0	0	0
0.019649	0	0	0	0	0	0
0.011824	0	0	0	0	0	0
0.021828	0	0	0	0	0	0
0.020359	0	0	0	0	0	0
0.014594	0	0	0	0	0	0
0.01063	0	0	0	0	0	0
0.013778	0	0	0	0	0	0
0.010265	0	0	0	0	0	0
0.013746	0	0	0	0	0	0
0.062579	0	0	0	0	0	0
0.061366	0	0	0	0	0	0
0.063815	0	0	0	0	0	0
0.062175	0	0	0	0	0	0
0.08401	0	0	0	0	0	0
0.045298	0	0	0	0	0	0
0.061655	0	0	0	0	0	0
0.039959	0	0	0	0	0	0
0.095674	0	0	0	0	0	0
0.134174	0	0	0	0	0	0
0.043595	0	0	0	0	0	0
0.024105	0	0	0	0	0	0
0.033676	0	0	0	0	0	0
0.033538	0	0	0	0	0	0
0.032949	0	0	0	0	0	0
0.026812	0	0	0	0	0	0
0.027845	0	0	0	0	0	0
0.02679	0	0	0	0	0	0
0.026623	0	0	0	0	0	0
0.057776	0	0	0	0	0	0
0.046752	0	0	0	0	0	0
0.058462	0	0	0	0	0	0
0.028472	0	0	0	0	0	0
0.028518	0	0	0	0	0	0
0.02966	0	0	0	0	0	0
0.019149	0	0	0	0	0	0
0.032401	0	0	0	0	0	0
0.041786	0	0	0	0	0	0
0.0234	0	0	0	0	0	0
0.059135	0	0	0	0	0	0
0.016286	0	0	0	0	0	0
0.013352	0	0	0	0	0	0
0.043007	0	0	0	0	0	0
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0.029667	0	0	0	0	0	0
0.029456	0	0	0	0	0	0

0.024608	0	0	0	0	0	0
0.019975	0	0	0	0	0	0
0.027142	0	0	0	0	0	0
0.064323	0	0	0	0	0	0
0.011088	0	0	0	0	0	0
0.008148	0	0	0	0	0	0
0.007053	0	0	0	0	0	0
0.008241	0	0	0	0	0	0
0.101675	0.03	0	0	0	0	0
0.061471	0.01	0	0	0	0	0
0.020597	0	0	0	0	0	0
0.029283	0	0	0	0	0	0
0.006872	0	0	0	0	0	0
0.019148	0	0	0	0	0	0
0.017718	0	0	0	0	0	0
0.009702	0	0	0	0	0	0
0.003478	0	0	0	0	0	0
0.004237	0	0	0	0	0	0
0.008675	0	0	0	0	0	0
0.012466	0	0	0	0	0	0
0.006614	0	0	0	0	0	0
0.057855	0	0	0	0	0	0
0.022325	0	0	0	0	0	0
0.010125	0	0	0	0	0	0
0.013051	0	0	0	0	0	0
0.008795	0	0	0	0	0	0
0.01055	0	0	0	0	0	0
0.126742	0	0	0	0	0	0
0.038001	0	0	0	0	0	0
0.030597	0	0	0	0	0	0
0.021904	0	0	0	0	0	0
0.059849	0	0	0	0	0	0
0.030923	0	0	0	0	0	0
0.010049	0	0	0	0	0	0
0.026793	0	0	0	0	0	0
0.061985	0	0	0	0	0	0
0.18267	0	0	0	0	0	0
0.025653	0	0	0	0	0	0
0.031524	0	0	0	0	0	0
0.881551	0	0	0	0	0	0
0.063918	0	0	0	0	0	0
0.056191	0	0	0	0	0	0
0.029487	0	0	0	0	0	0
0.035881	0	0	0	0	0	0
0.061832	0	0	0	0	0	0
0.063356	0.07	0	0	0	0	0
0.022215	0	0	0	0	0	0
0.050883	0	0	0	0	0	0
0.021224	0	0	0	0	0	0
0.051638	0	0	0	0	0	0

0.054209	0	0	0	0	0	0
0.063343	0	0	0	0	0	0
0.021276	0	0	0	0	0	0
0.01548	0	0	0	0	0	0
0.027977	0	0	0	0	0	0
0.035024	0	0	0	0	0	0
0.055075	0	0	0	0	0	0
0.036727	0	0	0	0	0	0
0.026349	0	0	0	0	0	0
0.037323	0	0	0	0	0	0
0.120642	0	0	0	0	0	0
0.041948	0	0	0	0	0	0
0.012162	0	0	0	0	0	0
0.018906	0	0	0	0	0	0
0.01543	0	0	0	0	0	0
0.114555	0	0	0	0	0	0
0.027461	0	0	0	0	0	0
0.015691	0	0	0	0	0	0
0.019142	0	0	0	0	0	0
0.013963	0	0	0	0	0	0
0.011301	0	0	0	0	0	0
0.049549	0	0	0	0	0	0
0.010175	0	0	0	0	0	0
0.008254	0	0	0	0	0	0
0.02241	0	0	0	0	0	0
0.013132	0	0	0	0	0	0
0.018175	0	0	0	0	0	0
0.029792	0	0	0	0	0	0
0.03044	0	0	0	0	0	0
0.014524	0	0	0	0	0	0
0.020805	0	0	0	0	0	0
0.036621	0	0	0	0	0	0
0.024336	0	0	0	0	0	0
0.02157	0	0	0	0	0	0
0.017957	0	0	0	0	0	0
0.009735	0	0	0	0	0	0
0.02129	0	0	0	0	0	0
0.020555	0	0	0	0	0	0
0.008132	0	0	0	0	0	0
0.020328	0	0	0	0	0	0
0.014698	0	0	0	0	0	0
0.018912	0	0	0	0	0	0
0.01565	0	0	0	0	0	0
0.021047	0	0	0	0	0	0
0.01474	0	0	0	0	0	0
0.02519	0	0	0	0	0	0
0.020256	0	0	0	0	0	0
0.029416	0	0	0	0	0	0
0.013671	0	0	0	0	0	0
0.019732	0	0	0	0	0	0

0.030993	0	0	0	0	0	0
0.026036	0	0	0	0	0	0
0.015457	0	0	0	0	0	0
0.011342	0	0	0	0	0	0
0.009062	0	0	0	0	0	0
0.0159	0	0	0	0	0	0
0.031573	0	0	0	0	0	0
0.276138	0.05	0	0	0	0	0
0.114823	0	0	0	0	0	0
0.062664	0	0	0	0	0	0
0.034086	0	0	0	0	0	0
0.022092	0	0	0	0	0	0
0.027975	0	0	0	0	0	0
0.017702	0	0	0	0	0	0
0.061409	0	0	0	0	0	0
0.026299	0	0	0	0	4	4
0.023306	0	4	0	0	0	4
0.046642	0	0	0	0	0	0
0.026625	0	0	0	0	0	0
0.143086	0.05	0	0	9	0	9
0.542316	0.09	0	0	0	0	0
0.435234	0.01	0	0	0	0	0
0.027668	0	0	0	0	0	0
0.060599	0	0	0	0	0	0
0.030423	0	0	0	0	0	0
0.017377	0	0	0	0	0	0
0.013699	0	0	0	0	0	0
0.013636	0	0	0	0	0	0
0.032298	0	0	0	0	0	0
0.088058	0	0	0	0	0	0
0.051035	0	0	0	0	0	0
0.025052	0	0	0	0	0	0
0.100758	0	0	0	0	0	0
0.020153	0	0	0	0	0	0
0.051968	0	0	0	0	0	0
0.029816	0	0	0	0	0	0
0.020608	0	0	0	0	0	0
0.029164	0	0	0	0	0	0
0.044454	0	0	0	0	0	0
0.031592	0	0	0	0	0	0
0.036361	0	0	0	0	0	0
0.022762	0	0	0	0	0	0
0.042016	0	0	0	0	0	0
0.037138	0	0	0	0	0	0
0.031515	0	0	0	0	0	0
0.026052	0	0	0	0	0	0
0.070019	0	0	0	0	0	0
0.030754	0	0	0	0	0	0
0.033848	0	0	0	0	0	0
0.047732	0	0	0	0	0	0

0.018455	0	0	0	0	0	0
0.015831	0	0	0	0	0	0
0.012381	0	0	0	0	0	0
0.010933	0	0	0	0	0	0
0.017019	0	0	0	0	0	0
0.011121	0	0	0	0	0	0
0.011184	0	0	0	0	0	0
0.033944	0	0	0	0	0	0
0.025272	0	0	0	0	0	0
0.033618	0	0	0	0	0	0
0.043693	0	0	0	0	0	0
0.046907	0	0	0	0	0	0
0.034878	0	0	0	0	0	0
0.244921	0	0	0	0	0	0
0.010956	0	0	0	0	0	0
0.005363	0	0	0	0	0	0
0.008926	0	0	0	0	0	0
0.009792	0	0	0	0	0	0
0.010039	0	0	0	0	0	0
0.09789	0	0	0	0	0	0
0.036252	0	0	0	0	0	0
0.020534	0	0	0	0	0	0
0.099646	0	0	0	0	0	0
0.016908	0	0	0	0	0	0
0.011865	0	0	0	0	0	0
0.009823	0	0	0	0	0	0
0.006759	0	0	0	0	0	0
0.011725	0	0	0	0	0	0
0.006942	0	0	0	0	0	0
0.014428	0	0	0	0	0	0
0.012222	0	0	0	0	0	0
0.00669	0	0	0	0	0	0
0.013549	0	0	0	0	0	0
0.012265	0	0	0	0	0	0
0.006508	0	0	0	0	0	0
0.006133	0	0	0	0	0	0
0.010157	0	0	0	0	0	0
0.003885	0	0	0	0	0	0
0.02985	0	0	0	0	0	0
0.045441	0	0	0	0	0	0
0.020924	0	0	0	0	0	0
0.031019	0	0	0	0	0	0
0.020936	0	0	0	0	0	0
0.015512	0	0	0	0	0	0
0.008687	0	0	0	0	0	0
0.027387	0	0	0	0	0	0
0.02013	0	0	0	0	0	0
0.011758	0	0	0	0	0	0
0.032034	0	0	0	0	0	0
0.076008	0	0	0	0	7	7

0.02652	0	7	0	0	0	7
0.092202	0	0	1	0	0	1
0.006744	0	0	0	0	2	2
0.013108	0	0	0	0	0	0
0.013004	0	0	0	0	0	0
0.009201	0	0	0	0	0	0
0.008559	0	0	0	0	0	0
0.010371	0	0	0	0	0	0
0.007917	0	0	0	0	0	0
0.0077	0	0	0	0	0	0
0.002411	0	4	0	0	0	4
0.006999	0	0	0	0	0	0
0.00185	0	0	0	0	0	0
0.002452	0	0	0	0	0	0
0.000681	0	0	0	0	0	0
0.000668	0	0	0	0	0	0
0.002189	0	0	0	0	0	0
0.000734	0	0	0	0	0	0
0.001924	0	0	0	0	0	0
0.000645	0	0	0	0	0	0
0.002156	0	0	0	0	0	0
0.000175	0	0	0	0	0	0
0.001072	0	0	0	0	0	0
0.000595	0	0	0	0	0	0
0.000657	0	0	0	0	0	0
0.000798	0	0	0	0	0	0
0.00034	0	0	0	0	0	0
0.001795	0	0	0	0	0	0
0.004569	0	0	2	0	0	2
0.000728	0	0	0	0	0	0
0.001445	0	0	0	0	0	0
0.001378	0	0	0	0	0	0
0.00165	0	0	0	0	0	0
0.013454	0	1	0	6	0	7
0.003854	0	0	0	0	0	0
0.002771	0	0	0	0	0	0
0.013304	0	0	0	0	0	0
0.017995	0	0	0	0	0	0
0.00174	0	0	0	0	0	0
0.001331	0	0	0	0	0	0
0.00435	0	0	0	0	0	0
0.002307	0	0	0	0	0	0
0.007323	0	0	0	0	0	0
0.003826	0	0	0	0	0	0
0.004796	0	0	0	0	0	0
0.004871	0	0	0	0	0	0
0.007213	0	0	0	0	0	0
0.006963	0	0	0	0	0	0
0.000247	0	0	0	0	0	0
0.001625	0	0	0	0	0	0

0.002398	0	0	0	0	0	0
0.003212	0	0	0	0	0	0
0.002722	0	0	0	0	0	0
0.002453	0	0	0	0	0	0
0.003377	0	0	0	0	0	0
0.00278	0	0	0	0	0	0
0.004058	0	0	0	0	0	0
0.154332	0	0	0	0	0	0
0.050207	0	0	0	0	0	0
0.055987	0	0	0	0	0	0
0.041797	0	0	0	0	0	0
0.044863	0	0	0	0	0	0
0.03395	0	0	0	0	0	0
0.037498	0	0	0	0	0	0
0.040363	0	0	0	0	0	0
0.0317	0	0	0	0	0	0
0.031189	0	0	0	0	0	0
0.032659	0	0	0	0	0	0
0.038157	0	0	0	0	0	0
0.020612	0	0	0	0	0	0
0.016525	0	0	0	0	0	0
0.028772	0	0	0	0	0	0
0.022938	0	0	0	0	0	0
0.124703	0	0	0	0	0	0
0.057105	0	0	0	0	0	0
0.044295	0	0	0	0	0	0
0.070053	0	0	0	0	0	0
0.061517	0	0	0	0	0	0
0.040162	0	0	0	0	0	0
0.030113	0	0	0	0	0	0
0.041019	0	0	0	0	0	0
0.045561	0	0	0	0	0	0
0.021819	0	0	0	0	0	0
0.019324	0	0	0	0	0	0
0.029077	0	0	0	0	0	0
0.031002	0	0	0	0	0	0
0.015723	0	0	0	0	5	5
0.095255	0	5	0	0	0	5
0.012634	0	0	0	0	5	5
0.21939	0	5	0	0	0	5
0.141143	0.05	0	0	0	0	0
0.007028	0	0	0	0	0	0
0.027905	0	0	0	0	0	0
0.009639	0	0	0	0	0	0
0.082536	0	0	0	0	0	0
0.040795	0	0	0	0	0	0
0.035235	0	0	0	0	0	0
0.028773	0	0	0	0	0	0
0.020181	0	0	0	0	0	0
0.030509	0	0	0	0	0	0

0.027578	0	0	0	0	0	0
0.034991	0	0	0	0	0	0
0.020477	0	0	0	0	0	0
0.054593	0	0	0	0	0	0
0.04884	0	0	0	0	0	0
0.053328	0	0	0	0	0	0
0.032822	0	0	0	0	0	0
0.014449	0	0	0	0	0	0
0.013451	0	0	0	0	0	0
0.029312	0	0	0	0	0	0
0.014661	0	0	0	0	0	0
0.015888	0	0	0	0	0	0
0.029804	0	0	0	0	0	0
0.042184	0	0	0	0	0	0
0.0282	0	0	0	0	0	0
0.013749	0	0	0	0	0	0
0.033752	0	0	0	0	0	0
0.033626	0	0	0	0	0	0
0.032811	0	0	0	0	0	0
0.025724	0	0	0	0	0	0
0.036972	0	0	0	0	0	0
0.038228	0	0	0	0	0	0
0.037219	0	0	0	0	0	0
0.014263	0	0	0	0	0	0
0.048157	0	0	0	0	0	0
0.014115	0	0	0	0	0	0
0.009669	0	0	0	0	0	0
0.077093	0	0	0	0	0	0
0.216835	0	0	0	0	0	0
0.048117	0	0	0	0	0	0
0.03154	0	0	0	0	0	0
0.022178	0	0	0	0	0	0
0.027182	0	0	0	0	0	0
0.021065	0	0	0	0	0	0
0.030682	0	0	0	0	0	0
0.012669	0	0	0	0	0	0
0.038072	0	0	0	0	0	0
0.294527	0.04	0	0	0	0	0
0.800883	0.41	0	0	0	0	0
0.056316	0	0	0	0	0	0
0.210846	0	0	0	0	0	0
0.913815	0	0	0	0	0	0
0.061167	0	0	0	0	0	0
0.057865	0	0	0	0	0	0
0.023794	0	0	0	0	0	0
0.033207	0	0	0	0	0	0
0.0545	0	0	0	0	1	1
0.020253	0	1	0	0	0	1
0.045031	0	0	0	0	0	0
0.022954	0	0	0	0	0	0



0.022119	0	0	0	0	0	0
0.016802	0	0	0	0	0	0
0.015404	0	0	0	0	0	0
0.020008	0	0	0	0	0	0
0.083503	0	0	0	0	0	0
0.035071	0	0	0	0	0	0
0.025088	0	0	0	0	4	4
0.049871	0	4	0	0	0	4
0.08752	0	0	0	0	0	0
0.020065	0	0	0	0	0	0
0.015088	0	0	0	0	0	0
0.104711	0	0	0	0	0	0
0.039746	0	0	0	0	0	0
0.012707	0	0	0	0	0	0
0.053205	0	0	7	0	0	7
0.014744	0	0	0	0	8	8
0.033502	0	0	0	0	0	0
0.029279	0	8	0	0	0	8
0.013241	0	0	0	0	0	0
0.0828	0	0	0	0	0	0
0.007909	0	0	0	0	0	0
0.004689	0	0	0	0	0	0
0.009062	0	0	0	0	0	0
0.028712	0	0	0	0	0	0
0.027464	0	0	0	0	0	0
0.047741	0	0	0	0	0	0
0.068806	0	0	6	0	0	6
0.057447	0	0	0	0	0	0
0.061891	0	0	0	0	0	0
0.030362	0	0	0	0	0	0
0.030336	0	0	5	0	0	5
0.081816	0	0	0	0	0	0
0.009811	0	0	0	0	0	0
0.007045	0	0	0	0	0	0
0.207705	0	0	0	0	0	0
0.247676	0	0	0	0	0	0
0.020907	0	0	0	0	0	0
0.010946	0	0	0	0	0	0
0.012573	0	0	0	0	0	0
0.022115	0	0	0	0	5	5
0.017404	0	5	0	0	0	5
0.009544	0	0	0	0	0	0
0.009731	0	0	0	0	0	0
0.013788	0	0	0	0	0	0
0.015292	0	0	0	0	0	0
0.023693	0	0	0	0	0	0
0.036287	0	0	0	0	0	0
0.038016	0	0	0	0	0	0
0.089526	0	0	0	0	0	0
0.053042	0	0	0	0	0	0

0.057971	0	0	0	0	0	0
0.052796	0	0	0	0	0	0
0.080686	0	0	0	0	0	0
0.038891	0	0	0	0	0	0
0.027382	0	0	0	0	0	0
0.131476	0	0	0	0	0	0
0.009039	0	0	0	0	0	0
0.061355	0	0	0	0	0	0
0.022352	0	0	0	0	0	0
0.06324	0	0	0	0	0	0
0.07666	0	0	0	0	5	5
0.106505	0	0	0	0	0	0
0.068351	0	0	0	0	0	0
0.017678	0	0	0	0	0	0
0.006809	0	0	0	0	0	0
0.019431	0	0	0	0	0	0
0.048222	0	0	0	0	0	0
0.045701	0	0	0	0	0	0
0.042948	0	0	0	0	0	0
0.004834	0	0	0	0	0	0
0.113555	0	0	0	0	0	0
0.070006	0	0	0	0	0	0
0.170529	0	0	0	0	0	0
0.035213	0	0	0	0	0	0
0.060249	0	0	0	0	0	0
0.199901	0	0	0	0	0	0
0.016491	0	0	0	0	0	0
0.057435	0	0	0	0	0	0
0.059895	0	0	0	0	0	0
0.106287	0	0	0	0	0	0
0.100773	0	0	0	0	0	0
0.10606	0	0	0	0	0	0
0.059206	0	0	0	0	0	0
0.054472	0	0	0	0	0	0
0.044535	0	0	0	0	0	0
0.08041	0	0	0	0	0	0
0.052002	0	0	0	0	0	0
0.036635	0	0	0	0	0	0
0.025014	0	0	0	0	0	0
0.198439	0	0	0	0	0	0
0.030434	0	0	0	0	0	0
0.015057	0	0	0	0	0	0
0.013466	0	0	0	0	0	0
0.014497	0	0	0	0	0	0
0.011566	0	0	0	0	0	0
0.012694	0	0	0	0	0	0
0.009166	0	0	0	0	0	0
0.067327	0	0	0	0	0	0
0.008261	0	0	0	0	0	0
0.028243	0	0	0	0	0	0

0.010959	0	0	0	0	0	0
0.015692	0	0	0	0	0	0
0.012355	0	0	0	0	0	0
0.012501	0	0	0	0	0	0
0.017283	0	0	0	0	0	0
0.036001	0	0	0	0	0	0
0.038891	0	0	0	0	0	0
0.016969	0	0	0	0	0	0
0.027872	0	0	0	0	0	0
0.017042	0	0	0	0	0	0
0.012292	0	0	0	0	0	0
0.117811	0	0	0	0	0	0
0.056644	0	0	0	0	0	0
0.04143	0	0	0	0	0	0
0.034549	0	0	0	0	0	0
0.046445	0	0	0	0	0	0
0.032206	0	0	0	0	0	0
0.062498	0	0	0	0	0	0
0.039258	0	0	0	0	0	0
0.027406	0	0	0	0	0	0
0.026956	0	0	0	0	0	0
0.024657	0	0	0	0	0	0
0.015942	0	0	0	0	0	0
0.057944	0	0	0	0	0	0
0.079722	0	0	0	0	0	0
0.027961	0	0	0	0	0	0
0.023335	0	0	0	0	0	0
0.087483	0	0	3	0	0	3
0.189423	0	0	0	0	0	0
0.011009	0	0	0	0	0	0
0.090373	0	0	0	0	0	0
0.050602	0.01	0	0	0	0	0
0.25638	0.04	0	0	0	0	0
0.18306	0	0	0	0	0	0
0.04108	0	0	0	0	0	0
0.064802	0	0	0	0	0	0
0.044676	0	0	0	0	0	0
0.039136	0	0	2	2	0	4
0.016965	0	0	0	0	0	0
0.090613	0	0	0	0	0	0
0.052568	0	0	0	0	0	0
0.052088	0	0	0	0	0	0
0.03036	0	0	0	0	0	0
0.029344	0	0	0	0	0	0
0.061652	0	0	0	0	0	0
0.074711	0	0	0	0	0	0
0.307777	0	0	0	0	0	0
0.128744	0	0	0	0	0	0
0.14223	0	0	0	0	0	0
0.019694	0	0	0	0	0	0

0.019672	0	0	0	0	0	0
0.071098	0	0	0	0	0	0
0.066223	0	0	0	0	0	0
0.173208	0	0	0	0	0	0
0.057992	0	0	0	0	0	0
0.068943	0	0	0	0	0	0
0.077545	0	0	0	0	0	0
0.069569	0	0	0	0	0	0
0.147495	0	0	0	0	0	0
0.145635	0	0	0	0	0	0
0.035235	0	0	0	0	5	5
0.027821	0	5	0	0	0	5
0.174599	0	4	0	0	0	4
0.241778	0	0	0	0	0	0
0.07619	0	0	0	0	0	0
0.021456	0	0	0	0	0	0
0.080476	0	0	0	0	0	0
0.019572	0	0	0	3	0	3
0.050634	0	0	0	0	0	0
0.011668	0	0	0	0	0	0
0.014155	0	0	0	0	0	0
0.262662	0	0	0	0	0	0
0.031426	0	0	0	0	0	0
0.06534	0	0	0	0	0	0
0.144848	0	0	0	0	0	0
0.086756	0	0	3	3	0	6
0.044393	0	0	0	0	0	0
0.047563	0	0	0	0	0	0
0.068165	0	0	0	0	0	0
0.070551	0	0	0	0	0	0
0.090858	0	0	0	0	0	0
0.124275	0	0	0	0	0	0
0.032961	0	0	0	0	0	0
0.055175	0	0	0	0	0	0
0.020762	0	0	0	0	0	0
0.039545	0	0	0	0	0	0
0.092282	0.01	0	0	0	0	0
0.012169	0	0	0	0	0	0
0.135776	0	0	0	0	0	0
0.112574	0	0	0	1	0	1
0.00587	0	0	0	0	0	0
0.03651	0	0	0	0	0	0
0.008656	0	0	0	0	0	0
0.01093	0	0	0	0	0	0
0.007623	0	0	0	0	0	0
0.007492	0	0	0	0	0	0
0.001024	0	0	0	0	0	0
0.000592	0	0	0	0	0	0
0.002388	0	0	0	0	0	0
0.000624	0	0	0	0	0	0

0.004512	0.02	0	0	0	0	0
0.003327	0	0	0	0	0	0
0.009312	0	0	0	0	0	0
0.02204	0	0	0	0	0	0
0.002453	0	0	0	0	0	0
0.002564	0	0	0	0	0	0
0.357698	0	0	0	0	0	0
0.09055	0	0	0	0	0	0
0.055894	0	0	0	0	0	0
0.04837	0	0	0	0	0	0
0.06055	0	0	0	0	0	0
0.089868	0	0	0	0	0	0
0.010394	0	0	0	0	0	0
0.004438	0	0	0	0	0	0
0.018995	0	0	0	0	0	0
0.009327	0	0	0	0	0	0
0.013788	0	0	0	0	0	0
0.017798	0	0	0	0	0	0
0.018877	0	0	0	0	0	0
0.014323	0	0	0	0	0	0
0.005956	0	0	0	0	0	0
0.006038	0	0	0	0	0	0
0.033576	0	0	0	0	0	0
0.082096	0	0	0	0	0	0
0.06918	0	0	0	0	0	0
0.058292	0	0	0	0	0	0
0.170461	0	0	0	0	0	0
0.033165	0	0	0	0	0	0
0.082024	0	0	0	0	0	0
0.049704	0	0	0	0	0	0
0.05135	0	0	0	0	0	0
0.064185	0	0	0	0	0	0
0.032952	0	0	0	0	0	0
0.018938	0	0	0	0	0	0
0.022042	0	0	0	0	0	0
0.018282	0	0	0	0	0	0
0.016248	0	0	0	0	0	0
0.015872	0	0	0	0	0	0
0.019482	0	0	0	0	0	0
0.020713	0	0	0	0	0	0
0.016816	0	0	0	0	0	0
0.010891	0	0	0	0	0	0
0.010715	0	0	0	0	0	0
0.169803	0	0	0	0	0	0
0.008441	0	0	0	0	0	0
0.021415	0	0	0	0	0	0
0.016819	0	0	0	0	0	0
0.018208	0	0	0	0	0	0
0.014938	0	0	0	0	0	0
0.03672	0	0	0	0	0	0

0.022911	0	0	0	0	0	0
0.025484	0	0	0	0	0	0
0.016736	0	0	0	0	0	0
0.022081	0	0	0	0	0	0
0.015359	0	0	0	0	4	4
0.021586	0	4	0	0	0	4
0.010586	0	0	0	0	0	0
0.092742	0	0	0	0	0	0
0.014391	0	0	0	0	0	0
0.003563	0	0	0	0	0	0
0.054295	0.03	0	0	0	0	0
0.038868	0.04	0	0	0	0	0
0.001692	0	0	0	0	0	0
0.002814	0	0	0	0	0	0
0.002481	0	0	0	0	0	0
0.004581	0	0	0	0	0	0
0.003175	0	0	0	0	0	0
0.004279	0	0	0	0	0	0
0.004025	0	0	0	0	0	0
0.003234	0	0	0	0	0	0
0.004183	0	0	0	0	0	0
0.00385	0	0	0	0	0	0
0.028563	0.01	0	0	0	0	0
0.031849	0	0	0	0	0	0
0.080107	0	0	0	0	0	0
0.045194	0	0	0	0	0	0
0.054887	0	0	0	0	0	0
0.064534	0	0	0	0	0	0
0.026044	0	0	0	0	0	0
0.020051	0	0	0	0	0	0
0.03236	0	0	0	0	0	0
0.01645	0	0	0	0	0	0
0.030603	0	0	0	0	0	0
0.486983	0.11	0	0	0	0	0
0.006075	0	0	0	0	0	0
0.012355	0	0	0	0	0	0
0.019506	0	0	0	0	0	0
0.001821	0	0	0	0	0	0
0.001805	0	0	0	0	0	0
0.009745	0	0	0	0	0	0
0.006405	0	0	0	0	0	0
0.001826	0	0	0	0	0	0
0.011403	0	0	0	0	0	0
0.008905	0	0	0	0	0	0
0.068209	0	0	0	0	0	0
0.079016	0	0	0	0	0	0
0.146558	0	0	0	0	0	0
0.074117	0	0	0	0	0	0
0.06571	0	0	0	0	0	0
0.077168	0	0	0	0	0	0

0.041511	0	0	0	0	0	0
0.048096	0	0	0	0	0	0
0.057412	0	0	0	0	0	0
0.046061	0	0	0	0	0	0
0.060123	0	0	0	0	0	0
0.044959	0	0	0	0	0	0
0.056495	0	0	0	0	0	0
0.056803	0	0	0	0	0	0
0.036586	0	0	0	0	0	0
0.060608	0	0	0	0	0	0
0.039785	0	0	0	0	0	0
0.02995	0	0	0	0	2	2
0.058819	0	0	0	0	0	0
0.060583	0	0	0	0	0	0
0.058497	0	0	0	0	0	0
0.366187	0.06	0	0	0	0	0
0.060979	0	0	0	0	0	0
0.031504	0	0	0	0	0	0
0.028215	0	0	0	0	0	0
0.034695	0	0	0	0	0	0
0.036427	0	0	0	0	0	0
0.025798	0	0	0	0	0	0
0.026044	0	0	0	0	0	0
0.039432	0	0	0	0	0	0
0.030862	0	0	0	0	0	0
0.067443	0	0	0	0	0	0
0.024657	0	0	0	0	0	0
0.025224	0	0	0	0	0	0
0.09079	0	0	0	0	0	0
0.052878	0	0	0	0	0	0
0.048517	0	0	0	0	0	0
0.108841	0	0	0	0	0	0
0.052831	0	0	0	0	0	0
0.044553	0	0	0	0	0	0
0.046335	0	0	0	0	3	3
0.08351	0	3	0	0	0	3
0.046512	0	0	0	0	0	0
0.058918	0	0	0	0	0	0
0.055826	0	0	0	0	0	0
0.031729	0	0	0	0	0	0
0.009666	0	0	0	0	0	0
0.238661	0.06	0	0	0	0	0
0.065243	0	0	0	0	0	0
0.074267	0	0	0	0	0	0
0.134678	0.02	0	0	0	0	0
0.102042	0	0	0	0	0	0
0.045057	0	0	0	0	0	0
0.085398	0	0	0	0	0	0
0.031332	0	0	0	0	0	0
0.059399	0	0	0	0	0	0

0.018772	0	0	0	0	0	0
0.026258	0	0	0	0	0	0
0.007897	0	0	0	0	0	0
0.025922	0	0	0	0	0	0
0.037141	0	0	0	0	0	0
0.009607	0	0	0	0	0	0
0.007839	0	0	0	0	0	0
0.004995	0	0	0	0	0	0
0.034968	0	0	0	0	0	0
0.007335	0	0	0	0	0	0
0.02188	0	0	0	0	0	0
0.01511	0	0	0	0	0	0
0.024725	0	0	0	0	0	0
0.010967	0	0	0	0	0	0
0.106183	0	0	4	5	0	9
0.052299	0	0	0	0	0	0
0.007596	0	0	0	0	0	0
0.037406	0	0	0	0	0	0
0.046382	0	0	0	0	0	0
0.050499	0	0	0	0	0	0
0.074336	0	0	0	0	0	0
0.035788	0	0	0	0	0	0
0.052617	0	0	0	0	0	0
0.033537	0	0	0	0	0	0
0.032754	0	0	0	0	0	0
0.045279	0	0	0	0	0	0
0.011176	0	0	0	0	0	0
0.046952	0	0	0	0	0	0
0.039686	0	0	0	0	0	0
0.027546	0	0	0	0	0	0
0.024556	0	0	0	0	0	0
0.023845	0	0	0	0	0	0
0.061185	0	0	0	0	0	0
0.095436	0	0	0	0	0	0
0.040066	0	0	0	0	0	0
0.037012	0	0	0	0	0	0
0.032428	0	0	0	0	0	0
0.025073	0	0	0	0	0	0
0.039473	0	0	0	0	0	0
0.038118	0	0	0	0	0	0
0.035747	0	0	0	0	0	0
0.005706	0.01	0	0	0	0	0
0.00366	0	0	0	0	0	0
0.00109	0	0	0	0	0	0
0.000511	0	0	0	0	0	0
0.000998	0	0	0	0	0	0
0.000584	0	0	0	0	0	0
0.002066	0	0	0	0	0	0
0.005622	0	0	0	0	0	0
0.008469	0	0	0	0	0	0



0.000501	0	0	0	0	0	0
0.000925	0	0	0	0	0	0
0.003784	0	0	0	0	0	0
0.002764	0	0	0	0	0	0
0.001314	0	0	0	0	0	0
0.001386	0	0	0	0	0	0
0.000881	0	0	0	0	0	0
0.003751	0.01	0	0	0	0	0
0.004851	0	0	0	0	0	0
0.052045	0	0	0	0	0	0
0.002034	0	0	0	0	0	0
0.001867	0	0	0	0	0	0
0.006277	0	0	0	0	0	0
0.003883	0	0	0	0	0	0
0.001569	0	0	0	0	0	0
0.047323	0	0	0	0	0	0
0.027906	0	0	0	0	0	0
0.032832	0	0	0	0	0	0
0.050402	0	0	0	0	0	0
0.029645	0	0	0	0	0	0
0.023426	0	0	0	0	0	0
0.018817	0	0	0	0	0	0
0.030777	0	0	0	0	0	0
0.020978	0	0	0	0	0	0
0.030699	0	0	0	0	0	0
0.028051	0	0	0	0	0	0
0.043098	0	0	0	0	0	0
0.027424	0	0	0	0	0	0
0.022361	0	0	0	0	0	0
0.034736	0	0	0	0	0	0
0.014755	0	0	0	0	0	0
0.011124	0	0	0	0	0	0
0.017871	0	0	0	0	0	0
0.028701	0	0	0	0	0	0
0.012555	0	0	0	0	0	0
0.036016	0	0	0	0	2	2
0.040907	0	2	0	0	0	2
0.031391	0	0	0	0	0	0
0.053258	0	0	0	0	0	0
0.040546	0	0	0	0	0	0
0.042732	0	0	0	0	0	0
0.033587	0	0	0	0	0	0
0.020832	0	0	0	0	0	0
0.025222	0	0	0	0	0	0
0.165115	0	0	0	0	0	0
0.078958	0	0	0	0	0	0
0.038533	0	0	0	0	0	0
0.076821	0	0	0	0	0	0
0.108169	0	0	0	0	0	0
0.05287	0	0	0	0	0	0

0.029134	0	0	0	0	0	0
0.017132	0	0	0	0	0	0
0.069301	0	0	0	0	0	0
0.050314	0	0	0	0	0	0
0.029451	0	0	0	0	0	0
0.054821	0	0	0	0	0	0
0.035043	0	0	0	0	0	0
0.051509	0	0	0	0	0	0
0.041788	0	0	0	0	0	0
0.034666	0	0	0	0	0	0
0.034276	0	0	0	0	0	0
0.034964	0	0	0	0	0	0
0.061992	0	0	0	0	0	0
0.02259	0	0	0	0	0	0
0.03352	0	0	0	0	0	0
0.032844	0	0	0	0	0	0
0.0326	0	0	0	0	0	0
0.023804	0	0	0	0	0	0
0.018185	0	0	0	0	0	0
0.020664	0	0	0	0	0	0
0.02114	0	0	0	0	0	0
0.019827	0	0	0	0	0	0
0.020919	0	0	0	0	0	0
0.04447	0	0	0	0	0	0
0.054208	0	0	0	0	0	0
0.055149	0	0	0	0	0	0
0.042203	0	0	0	0	0	0
0.043896	0	0	0	0	0	0
0.032938	0	0	0	0	0	0
0.051232	0	0	0	0	0	0
0.064239	0.01	0	0	0	0	0
0.000691	0	0	0	0	0	0
0.012614	0.01	0	0	0	0	0
0.002011	0	0	0	0	0	0
0.007832	0	0	0	0	0	0
0.00197	0	0	0	0	0	0
0.030371	0	0	0	0	0	0
0.002322	0	0	0	0	0	0
0.001773	0	0	0	0	2	2
0.001374	0	2	0	0	0	2
0.002423	0	0	0	0	0	0
0.001346	0	0	0	0	0	0
0.004344	0	0	0	0	0	0
0.001179	0	0	0	0	0	0
0.00327	0	0	0	0	0	0
0.002244	0	0	0	0	0	0
0.002917	0	0	0	0	0	0
0.003226	0	0	0	0	0	0
0.005246	0	0	0	0	0	0
0.018962	0	0	0	0	0	0

0.015973	0	0	0	0	0	0
0.00659	0.04	0	0	0	0	0
0.002067	0	0	0	0	0	0
0.005743	0.03	0	0	0	0	0
0.012403	0.08	0	0	0	0	0
0.005047	0.02	0	0	0	0	0
0.003556	0.03	0	0	0	0	0
0.000912	0	0	0	0	0	0
0.00421	0	0	0	0	0	0
0.007345	0.03	0	0	0	0	0
0.033506	0.56	0	0	2	0	2
0.043606	0.51	0	0	0	0	0
0.015581	0.52	0	0	0	0	0
0.015451	0.54	0	0	0	0	0
0.026034	0.55	0	0	0	0	0
0.014912	0.65	0	0	0	4	4
0.008775	0	0	0	0	0	0
0.042848	0	0	0	0	0	0
0.042501	0	0	0	0	0	0
0.011234	0	0	0	0	0	0
0.007893	0	0	0	0	0	0
0.002495	0	0	0	0	0	0
0.040693	0	0	0	0	0	0
0.014304	0	0	0	0	0	0
0.019311	0	0	0	0	0	0
0.015295	0	0	0	0	0	0
0.062921	0	0	0	0	0	0
0.013497	0	0	0	0	0	0
0.046212	0	0	0	0	0	0
0.03221	0	0	0	0	0	0
0.004993	0	0	0	0	0	0
0.003954	0	0	0	0	0	0
0.018082	0	0	0	0	0	0
0.001583	0	0	0	0	0	0
0.007251	0	0	0	0	0	0
0.007506	0	0	0	0	0	0
0.005301	0	0	0	0	0	0
0.003342	0	0	0	0	0	0
0.004949	0	0	0	0	0	0
0.003098	0	0	0	0	0	0
0.003889	0	0	0	0	0	0
0.0063	0	0	0	0	0	0
0.002723	0	0	0	0	0	0
0.031201	0	0	0	0	0	0
0.047446	0	0	0	0	0	0
0.100875	0	0	0	0	0	0
0.050543	0	0	0	0	0	0
0.06375	0	0	0	0	0	0
0.035857	0	0	0	0	0	0
0.039501	0	0	0	0	0	0

0.050596	0	0	0	0	0	0
0.037349	0	0	0	0	0	0
0.069423	0	0	0	0	0	0
0.038489	0	0	0	0	0	0
0.049686	0	0	0	0	0	0
0.058653	0	0	0	0	0	0
0.039069	0	0	0	0	0	0
0.072314	0	0	0	0	0	0
0.0504	0	0	0	0	0	0
0.062137	0	0	0	0	0	0
0.036698	0	0	0	0	0	0
0.035883	0	0	0	0	0	0
0.058315	0	0	0	0	0	0
0.049222	0	0	0	0	0	0
0.041257	0	0	0	0	0	0
0.021919	0	0	0	0	0	0
0.015737	0	0	0	0	0	0
0.015254	0	0	0	0	0	0
0.996709	0	0	0	0	0	0
0.994293	0	0	0	0	0	0
0.055632	0	0	0	0	0	0
0.061026	0	0	0	0	0	0
0.062671	0	0	0	0	0	0
0.052262	0	0	0	0	0	0
0.001726	0	0	0	0	0	0
0.000743	0	0	0	0	0	0
0.00018	0	0	0	0	0	0
0.000456	0	0	0	0	0	0
0.000665	0	0	0	0	0	0
0.007714	0	0	0	0	0	0
0.012096	0	0	0	0	0	0
0.01393	0	0	0	0	0	0
0.006188	0	0	0	0	0	0
0.006985	0	0	0	0	0	0
0.027176	0	0	0	0	0	0
0.028864	0	0	0	0	0	0
0.024379	0	0	0	0	0	0
0.025386	0	0	0	0	0	0
0.012482	0	0	0	0	0	0
0.029333	0	0	0	0	0	0
0.014715	0	0	0	0	0	0
0.111499	0	0	0	0	0	0
0.027418	0	0	0	0	0	0
0.02843	0	0	0	0	0	0
0.02659	0	0	0	0	0	0
0.02555	0	0	0	0	0	0
0.041371	0	0	0	0	0	0
0.024803	0	0	0	0	0	0
0.012334	0	0	0	0	0	0
0.010293	0	0	0	0	0	0

0.014145	0	0	0	0	0	0
0.018245	0	0	0	0	0	0
0.042867	0	0	0	0	0	0
0.111982	0	0	0	0	0	0
0.058108	0	0	0	0	0	0
0.063125	0	0	0	0	0	0
0.055559	0	0	0	0	0	0
0.427746	0	0	0	0	0	0
0.103839	0	0	0	0	0	0
0.048882	0	0	0	0	0	0
0.050973	0	0	0	0	0	0
0.043291	0	0	0	0	0	0
0.096692	0	0	0	0	0	0
0.054869	0	0	0	0	0	0
0.062508	0	0	0	0	0	0
0.053251	0	0	0	0	0	0
0.055908	0	0	0	0	0	0
0.043082	0	0	0	0	0	0
0.039679	0	0	0	0	0	0
0.041479	0	0	0	0	0	0
0.037734	0	0	0	0	0	0
0.027023	0	0	0	0	0	0
0.024174	0	0	0	0	0	0
0.037437	0	0	0	0	0	0
0.037312	0	0	0	0	0	0
0.028059	0	0	0	0	0	0
0.027281	0	0	0	0	0	0
0.026979	0	0	0	0	0	0
0.037349	0	0	0	0	0	0
0.023205	0	0	0	0	0	0
0.0232	0	0	0	0	0	0
0.02837	0	0	0	0	0	0
0.040621	0	0	0	0	0	0
0.067921	0	0	0	0	0	0
0.024902	0	0	0	0	0	0
0.01824	0	0	0	0	0	0
0.027602	0	0	0	0	0	0
0.059944	0	0	0	0	0	0
0.045658	0	0	0	0	0	0
0.060318	0	0	0	0	0	0
0.056152	0	0	0	0	0	0
0.058973	0	0	0	0	0	0
0.040944	0	0	0	0	0	0
0.044249	0	0	0	0	0	0
0.059518	0	0	0	0	0	0
0.035778	0	0	0	0	0	0
0.036012	0	0	0	0	0	0
0.027444	0	0	0	0	0	0
0.034163	0	0	0	0	0	0
0.026969	0	0	0	0	0	0

0.056101	0	0	0	0	0	0
0.057347	0	0	0	0	0	0
0.056074	0	0	0	0	0	0
0.048142	0	0	0	0	0	0
0.078069	0	0	0	0	0	0
0.044806	0	0	0	0	0	0
0.042728	0	0	0	0	0	0
0.017201	0	0	0	0	0	0
0.005738	0	0	0	0	0	0
0.005978	0	0	0	0	0	0
0.003967	0	0	0	0	0	0
0.003739	0	0	0	0	0	0
0.003864	0	0	0	0	0	0
0.016543	0	0	0	0	0	0
0.009883	0	0	0	0	0	0
0.008311	0	0	0	0	0	0
0.027487	0	0	0	0	0	0
0.036933	0	0	0	0	0	0
0.010322	0	0	0	0	0	0
0.010906	0	0	0	0	0	0
0.009169	0	0	0	0	0	0
0.006351	0	0	0	0	0	0
0.022582	0	0	0	0	0	0
0.005226	0	0	0	0	0	0
0.011371	0	0	0	0	0	0
0.089472	0	0	0	0	0	0
0.012843	0	0	0	0	0	0
0.007518	0	0	0	0	0	0
0.031943	0	0	0	0	0	0
0.014244	0	0	0	0	0	0
0.005548	0	0	0	0	0	0
0.02647	0	0	0	0	0	0
0.033866	0	0	0	0	0	0
0.027329	0	0	0	0	0	0
0.011659	0	0	0	0	0	0
0.014697	0	0	0	0	0	0
0.017304	0	0	0	0	0	0
0.014986	0	0	0	0	0	0
0.036806	0	0	0	0	0	0
0.018898	0	0	0	0	0	0
0.013688	0	0	0	0	0	0
0.022997	0	0	0	0	0	0
0.056414	0	0	0	0	0	0
0.024173	0	0	0	0	0	0
0.014887	0	0	0	0	0	0
0.021414	0	0	0	0	0	0
0.016261	0	0	0	0	0	0
0.020684	0	0	0	0	0	0
0.026494	0	0	0	0	0	0
0.027535	0	0	0	0	0	0

0.014722	0	0	0	0	0	0
0.059508	0	0	0	0	0	0
0.076701	0	0	0	0	0	0
0.061446	0	0	0	0	0	0
0.059273	0	0	0	0	0	0
0.040852	0	0	0	0	0	0
0.074415	0	0	0	0	0	0
0.029301	0	0	0	0	0	0
0.043709	0	0	0	0	0	0
0.031329	0	0	0	0	0	0
0.238366	0	0	0	0	0	0
0.308468	0	0	0	0	0	0
0.018588	0	0	0	0	0	0
0.049627	0	0	0	0	0	0
0.062629	0	0	0	0	0	0
0.052932	0	0	0	0	0	0
0.028666	0	0	0	0	0	0
0.036063	0	0	0	0	0	0
0.036555	0	0	0	0	0	0
0.001024	0	0	0	0	0	0
0.003494	0	0	0	0	0	0
0.002209	0	0	0	0	0	0
0.001327	0	0	0	0	0	0
0.005151	0	0	0	0	0	0
0.005021	0	0	0	0	0	0
0.001446	0	0	0	0	0	0
0.002488	0	0	0	0	0	0
0.002237	0	0	0	0	0	0
0.004642	0	0	0	0	0	0
0.001462	0	0	0	0	0	0
0.032822	0.03	0	0	0	0	0
0.001162	0	0	0	0	0	0
0.00453	0	0	0	0	0	0
0.003353	0	0	0	0	0	0
0.003492	0	0	0	0	0	0
0.003119	0	0	0	0	0	0
0.001478	0	0	0	0	0	0
0.002211	0	0	0	0	0	0
0.003578	0	0	0	0	0	0
0.002825	0	0	0	0	2	2
0.004055	0	2	0	0	0	2
0.01669	0	1	0	0	0	1
0.272659	0	0	0	0	0	0
0.049043	0	0	0	0	0	0
0.010594	0	0	0	0	0	0
0.005035	0	0	0	0	0	0
0.011847	0	0	0	0	0	0
0.028425	0	0	0	0	0	0
0.019483	0	0	0	0	0	0
0.014397	0	0	0	0	0	0

0.022755	0	0	0	0	0	0
0.028317	0	0	0	0	0	0
0.045343	0	0	0	0	0	0
0.006212	0	0	0	0	0	0
0.102723	0	0	0	0	0	0
0.082714	0	0	0	0	0	0
0.546917	0	0	0	0	0	0
0.076656	0	0	0	0	0	0
0.260247	0	0	0	0	0	0
0.863504	0	0	0	0	0	0
0.054078	0	0	0	0	0	0
0.043778	0	0	0	0	0	0
0.077304	0	0	0	0	0	0
0.07644	0	0	0	0	0	0
0.055972	0	0	0	0	0	0
0.089549	0	0	0	0	0	0
0.265652	0	0	0	0	0	0
0.233968	0	0	0	0	0	0
0.144977	0	0	0	0	0	0
0.2256	0	0	0	0	0	0
0.110822	0.04	0	0	0	0	0
0.080482	0	0	0	0	0	0
0.362088	0	0	0	0	0	0
0.077782	0	0	0	0	0	0
0.047721	0	0	0	0	0	0
0.0258	0	0	0	0	0	0
0.044768	0	0	0	0	0	0
0.071423	0	0	0	0	0	0
0.024823	0	0	0	0	0	0
0.059622	0	0	0	0	0	0
0.121651	0	0	0	0	0	0
0.137426	0	0	0	0	0	0
0.140404	0	0	0	0	0	0
0.029777	0	0	0	0	0	0
0.048502	0	0	0	0	0	0
0.028885	0	0	0	0	0	0
0.02755	0	0	0	0	0	0
0.052731	0	0	0	0	0	0
0.060351	0	0	0	0	0	0
0.103524	0	0	0	0	0	0
0.058433	0	0	0	0	0	0
0.07337	0	0	0	0	0	0
0.114908	0	0	0	0	0	0
0.058998	0	0	0	0	0	0
0.035866	0	0	0	0	0	0
0.22668	0	0	0	0	0	0
0.013293	0	0	0	0	0	0
0.0157	0	0	0	0	0	0
0.004508	0	0	0	0	0	0
0.006705	0	0	0	0	0	0



0.004035	0	0	0	0	0	0
0.012958	0	0	0	0	0	0
0.008193	0	0	0	0	0	0
0.003169	0	0	0	0	0	0
0.003093	0	0	0	0	0	0
0.006931	0	0	0	0	0	0
0.002267	0	0	0	0	0	0
0.004559	0	0	0	0	0	0
0.008977	0	0	0	0	0	0
0.004026	0	0	0	0	0	0
0.003303	0	0	0	0	0	0
0.00271	0	0	0	0	0	0
0.003183	0	0	0	0	0	0
0.014702	0	0	0	0	0	0
0.010524	0	0	0	0	0	0
0.007407	0	0	0	0	0	0
0.008519	0	0	0	0	0	0
0.016037	0.13	0	0	0	0	0
0.005235	0	0	0	0	0	0
0.006563	0	0	0	0	0	0
0.016328	0	0	0	0	0	0
0.047223	0	0	0	0	0	0
0.022496	0	0	0	0	0	0
0.016537	0	0	0	0	0	0
0.024121	0	0	0	0	0	0
0.127806	0	0	0	0	0	0
0.036826	0	0	0	0	0	0
0.021471	0	0	0	0	0	0
0.029123	0	0	0	0	0	0
0.014291	0	0	0	0	0	0
0.016245	0	0	0	0	0	0
0.011796	0	0	0	0	0	0
0.058058	0	0	0	0	0	0
0.014627	0	0	0	0	0	0
0.009525	0	0	0	0	0	0
0.010842	0	0	0	0	0	0
0.029427	0	0	0	0	0	0
0.009571	0	0	0	0	0	0
0.049282	0	0	0	0	0	0
0.038998	0	0	0	0	0	0
0.050868	0	0	0	0	0	0
0.022242	0	0	0	0	0	0
0.033496	0	0	0	0	0	0
0.035549	0	0	0	0	0	0
0.026767	0	0	0	0	0	0
0.074207	0	0	0	0	0	0
0.026764	0	0	0	0	0	0
0.096204	0	0	0	0	0	0
0.021906	0	0	0	0	0	0
0.048036	0	0	0	0	0	0

0.012736	0	0	0	0	0	0
0.03691	0	0	0	0	0	0
0.106427	0	0	0	0	0	0
0.012209	0	0	0	0	0	0
0.019668	0	0	0	0	0	0
0.009486	0	0	0	0	0	0
0.029545	0	0	0	0	0	0
0.01035	0	0	0	0	0	0
0.064733	0	0	0	0	0	0
0.040296	0	0	0	0	0	0
0.020114	0	0	0	0	0	0
0.059493	0	0	0	0	0	0
0.041379	0	0	0	0	0	0
0.45821	0	0	0	0	0	0
0.07653	0	0	0	0	0	0
0.152184	0	0	0	0	0	0
0.025057	0	0	0	0	0	0
0.01256	0	0	0	0	0	0
0.006534	0	0	0	0	0	0
0.005136	0	0	0	0	0	0
0.012157	0	0	0	0	0	0
0.006256	0	0	0	0	0	0
0.003942	0	0	0	0	0	0
0.011707	0	0	0	0	0	0
0.018959	0	0	0	0	0	0
0.005543	0	0	0	0	0	0
0.041971	0	0	0	0	0	0
0.043105	0	0	0	0	0	0
0.099274	0	0	0	0	0	0
0.124396	0	0	0	0	0	0
0.129792	0	0	0	0	0	0
0.162155	0	0	0	0	0	0
0.081019	0	0	0	0	0	0
0.030117	0	0	0	0	0	0
0.033313	0	0	0	0	0	0
0.073295	0	0	0	0	0	0
0.034213	0	0	0	0	0	0
0.086618	0	0	0	0	0	0
0.068654	0	0	0	0	0	0
0.077298	0	0	0	0	0	0
0.017001	0	0	0	0	0	0
0.024794	0	0	0	0	0	0
0.032437	0	0	0	0	0	0
0.069337	0	0	0	0	0	0
0.0394	0	0	0	0	0	0
0.046332	0	0	0	0	0	0
0.046589	0	0	0	0	0	0
0.138521	0	0	0	0	0	0
0.096417	0	0	0	0	0	0
0.04114	0	0	0	0	0	0

0.048343	0	0	0	0	0	0
0.064467	0	3	0	0	0	3
0.061398	0	0	0	0	0	0
0.027736	0	0	0	0	0	0
0.046496	0	0	0	0	0	0
0.071115	0	0	0	0	0	0
0.029358	0	0	0	0	0	0
0.014676	0	0	0	0	0	0
0.115213	0	0	0	0	0	0
0.061842	0	0	0	0	0	0
0.102848	0	0	0	0	0	0
0.037582	0	0	0	0	0	0
0.049056	0	0	0	0	0	0
0.030651	0	0	0	0	0	0
0.04592	0	0	0	0	0	0
0.048436	0	0	0	0	0	0
0.072696	0	0	0	0	0	0
0.089122	0	0	0	0	0	0
0.058922	0	0	0	0	0	0
0.090597	0	0	0	0	0	0
0.039747	0	0	0	0	0	0
0.015082	0	0	0	0	0	0
0.012503	0	0	0	0	0	0
0.011264	0	0	0	0	0	0
0.04218	0	0	0	0	0	0
0.01925	0	0	0	0	0	0
0.015135	0	0	0	0	0	0
0.040753	0	0	0	0	0	0
0.016302	0	0	0	0	0	0
0.015763	0	0	0	0	0	0
0.011665	0	0	0	0	0	0
0.011478	0	0	0	0	0	0
0.019525	0	0	0	0	0	0
0.035329	0	0	0	0	0	0
0.124704	0	0	0	0	0	0
0.050217	0	0	0	0	0	0
0.019016	0	0	0	0	0	0
0.010677	0	0	0	0	0	0
0.013559	0	0	0	0	0	0
0.055933	0	0	0	0	0	0
0.008623	0	0	0	0	0	0
0.086558	0	0	0	0	0	0
0.054011	0	0	0	0	0	0
0.035762	0	0	0	0	0	0
0.026554	0	0	0	0	0	0
0.057199	0	0	0	0	0	0
0.140333	0	0	0	0	0	0
0.806035	0.48	0	0	0	0	0
0.047721	0	0	0	0	0	0
0.13315	0	0	0	0	0	0

0.134931	0	0	0	0	0	0
0.101965	0	0	0	0	0	0
0.062705	0	0	0	0	0	0
0.13017	0	0	0	0	0	0
0.185992	0	0	0	0	0	0
0.171952	0	0	0	0	0	0
0.123672	0	0	0	0	0	0
0.050429	0	0	0	0	0	0
0.01033	0	0	0	0	0	0
0.016028	0	0	0	0	0	0
0.040599	0.06	0	0	0	0	0
0.039618	0	0	0	0	0	0
0.013153	0	0	0	0	0	0
0.013817	0	0	0	0	0	0
0.013915	0	0	0	0	0	0
0.017147	0	0	0	0	0	0
0.009621	0	0	0	0	0	0
0.018372	0	0	0	0	0	0
0.009279	0	0	0	0	0	0
0.024329	0	0	0	0	0	0
0.011769	0	0	0	0	0	0
0.005232	0	0	0	0	0	0
0.010055	0	0	0	0	0	0
0.00965	0	0	0	0	0	0
0.014369	0	0	0	0	0	0
0.007277	0	0	0	0	0	0
0.012965	0	0	0	0	0	0
0.011167	0	0	0	0	0	0
0.016198	0	0	0	0	0	0
0.239375	0	0	0	0	0	0
0.076708	0	0	0	0	0	0
0.065034	0	0	0	0	0	0
0.037089	0	0	0	0	0	0
0.019852	0	0	0	0	0	0
0.015645	0	0	0	0	0	0
0.013581	0	0	0	0	0	0
0.011828	0	0	0	0	0	0
0.001648	0	0	0	0	0	0
0.004543	0	0	35	0	0	35
0.01086	0	0	0	0	0	0
0.002506	0	0	0	0	0	0
0.008356	0.01	0	0	0	0	0
0.024598	0	0	0	0	0	0
0.07213	0	0	0	0	0	0
0.013859	0	0	0	0	0	0
0.012997	0	0	0	0	0	0
0.162244	0	0	0	0	0	0
0.089579	0	0	0	0	0	0
0.117046	0	0	0	0	0	0
0.131201	0	0	0	0	0	0

0.005024	0	0	0	0	0	0
0.000824	0	0	0	0	0	0
0.002623	0	0	0	0	0	0
0.001984	0	0	0	0	0	0
0.003296	0	0	0	0	0	0
0.001061	0	0	0	0	0	0
0.002453	0	0	0	0	0	0
0.001131	0	0	0	0	6	6
0.000782	0	6	0	0	0	6
0.001011	0	0	0	0	0	0
0.001612	0	0	0	0	7	7
0.000725	0	7	0	0	0	7
0.000795	0	0	0	0	0	0
0.597078	0	0	0	0	0	0
0.429778	0	0	0	0	0	0
0.040711	0	0	0	0	0	0
0.044607	0	0	0	0	0	0
0.02332	0	0	0	0	0	0
0.020578	0	0	0	0	0	0
0.030854	0	0	0	0	0	0
0.015778	0	0	0	0	0	0
0.026327	0	0	0	0	0	0
0.017321	0	0	0	0	0	0
0.029048	0	0	0	0	0	0
0.010676	0	0	0	0	0	0
0.014048	0	0	0	0	0	0
0.094134	0	0	0	0	0	0
0.090007	0.14	0	0	0	0	0
0.007635	0	0	0	0	0	0
0.005617	0	0	0	0	0	0
0.020636	0	0	0	0	0	0
0.010417	0	0	0	0	0	0
0.008368	0	0	0	0	0	0
0.006445	0	0	0	0	0	0
0.015938	0.04	0	0	4	0	4
0.042778	0	0	0	0	0	0
0.013296	0	0	0	0	0	0
0.02275	0	0	0	0	0	0
0.015649	0	0	0	0	0	0
0.039309	0	0	0	0	0	0
0.011389	0	0	0	0	0	0
0.013777	0	0	0	0	0	0
0.013751	0	0	0	0	0	0
0.010413	0	0	0	0	0	0
0.027963	0	0	0	0	0	0
0.016598	0	0	0	0	4	4
0.044999	0	4	0	0	0	4
0.009078	0	0	0	0	0	0
0.095881	0	0	0	0	0	0
0.616614	0	0	0	0	0	0

0.121886	0	0	0	0	0	0
0.066925	0	0	0	0	0	0
0.123574	0	0	0	0	0	0
0.03413	0	0	0	0	0	0
0.189227	0	0	0	0	0	0
0.064561	0	0	0	0	0	0
0.062228	0.01	0	0	0	0	0
0.158818	0.01	0	0	0	0	0
0.003384	0	0	0	0	0	0
0.003922	0	0	0	0	0	0
0.002064	0	0	0	0	0	0
0.001878	0	0	0	0	0	0
0.004967	0	0	0	0	0	0
0.010469	0	0	0	0	0	0
0.027426	0.01	0	0	0	0	0
0.001124	0	0	0	0	0	0
0.002021	0	0	0	0	0	0
0.003539	0	0	0	0	0	0
0.003963	0	0	0	0	0	0
0.003154	0	0	0	0	0	0
0.002045	0	0	0	0	0	0
0.030698	0	0	0	0	0	0
0.016149	0	0	0	0	0	0
0.018592	0	0	0	0	0	0
0.010311	0	0	0	0	0	0
0.035658	0	0	0	0	0	0
0.086867	0	0	0	0	0	0
0.028914	0	0	0	0	0	0
0.038299	0	0	0	0	0	0
0.012615	0	0	0	0	0	0
0.023908	0	0	0	0	0	0
0.046039	0	0	0	0	0	0
0.022292	0	0	0	0	0	0
0.025734	0	0	0	0	0	0
0.11563	0	0	0	1	0	1
0.018583	0	0	0	0	0	0
0.014207	0	0	0	0	0	0
0.011095	0	0	0	0	0	0
0.011501	0	0	0	0	0	0
0.007245	0	0	0	0	0	0
0.004661	0	0	0	0	0	0
0.003628	0	0	0	0	0	0
0.005512	0	0	0	0	0	0
0.005622	0	0	0	0	0	0
0.005212	0	0	0	0	0	0
0.004356	0	0	0	0	0	0
0.005332	0	0	0	0	0	0
0.004305	0	0	0	0	0	0
0.218337	0.41	0	0	0	0	0
0.026498	0	0	0	0	0	0

0.064112	0	0	0	0	0	0
0.028273	0	0	0	0	0	0
0.106581	0	0	0	0	0	0
0.063243	0	0	0	0	0	0
0.014749	0	0	0	0	0	0
0.126632	0	0	0	0	0	0
0.109526	0	0	0	0	0	0
0.012524	0	0	0	0	0	0
0.03545	0	0	0	0	0	0
0.034355	0	0	0	0	0	0
0.017509	0	0	0	0	0	0
0.02566	0	0	0	0	0	0
0.028432	0	0	0	0	0	0
0.029081	0	0	0	0	0	0
0.006132	0	0	0	0	0	0
0.003643	0	0	0	0	0	0
0.011916	0	0	0	0	0	0
0.001418	0	0	0	0	0	0
0.038133	0	0	0	0	0	0
0.098285	0	0	0	0	0	0
0.011073	0	0	0	0	0	0
0.010081	0	0	0	0	0	0
0.010971	0	0	0	0	0	0
0.009529	0	0	0	0	0	0
0.008999	0	0	0	0	0	0
0.007794	0	0	0	0	0	0
0.009551	0	0	0	0	0	0
0.007733	0	0	0	0	0	0
0.023401	0	0	0	0	0	0
0.012547	0	0	0	0	0	0
0.019428	0	0	0	0	0	0
0.036589	0	0	0	0	0	0
0.023251	0	0	0	0	0	0
0.016972	0	0	0	0	0	0
0.032344	0	0	0	0	0	0
0.035617	0	0	0	0	0	0
0.069849	0	0	0	0	0	0
0.024988	0	0	0	0	0	0
0.0082	0	0	0	0	0	0
0.016071	0	0	0	0	0	0
0.020016	0	0	0	0	0	0
0.020221	0	0	0	0	0	0
0.030056	0	0	0	0	0	0
0.025491	0	0	0	0	0	0
0.032621	0	0	0	0	0	0
0.034701	0	0	0	0	0	0
0.02052	0	0	0	0	0	0
0.03235	0	0	0	0	0	0
0.019914	0	0	0	0	0	0
0.000925	0	0	0	0	0	0

0.000823	0	0	0	0	0	0
0.00104	0	0	0	0	0	0
0.000482	0	0	0	0	0	0
0.005294	0	0	0	0	0	0
0.027801	0	0	0	0	0	0
0.574909	0	0	0	0	0	0
0.014657	0	0	0	0	0	0
0.016249	0	0	0	0	0	0
0.12506	0	0	0	0	0	0
0.014365	0	0	0	0	0	0
0.002689	0	0	0	0	0	0
0.047274	0	0	0	0	0	0
0.020477	0	0	0	0	0	0
0.033492	0	0	0	0	0	0
0.011933	0	0	0	0	0	0
0.006313	0	0	0	0	0	0
0.004574	0	0	0	0	0	0
0.012767	0	0	0	0	0	0
0.005655	0	0	0	0	0	0
0.009659	0	0	0	0	0	0
0.001098	0	0	0	0	0	0
0.001696	0	0	0	0	0	0
0.00464	0	0	0	0	0	0
0.002227	0	0	0	0	0	0
0.004762	0	0	0	0	0	0
0.06204	0	0	0	0	0	0
0.046982	0	0	0	0	0	0
0.055982	0	0	0	0	0	0
0.059912	0	0	0	0	0	0
0.099503	0	0	0	0	0	0
0.034191	0	0	0	0	0	0
0.035415	0	0	0	0	0	0
0.088352	0	0	0	0	0	0
0.07735	0	0	0	0	0	0
0.237111	0.01	0	0	0	0	0
0.004784	0	8	22	27	3	60
0.056236	0	0	0	0	0	0
0.011191	0	0	0	0	0	0
0.020748	0	0	0	0	0	0
0.014511	0	0	0	0	0	0
0.016232	0	0	0	0	0	0
0.021831	0	0	0	0	0	0
0.047762	0	0	0	0	0	0
0.051611	0	0	0	0	0	0
0.055942	0	0	0	0	0	0
0.051357	0	0	0	0	0	0
0.084384	0	0	0	0	9	9
0.01046	0	9	0	0	0	9
0.037357	0	0	0	0	0	0
0.018502	0	0	0	0	0	0



0.023867	0.03	0	0	0	0	0
0.02561	0	0	0	0	0	0
0.021937	0	0	0	0	0	0
0.024719	0.03	0	0	0	0	0
0.041295	0	0	0	0	0	0
0.95237	0	0	0	0	0	0
0.045131	0	0	0	0	0	0
0.061715	0	0	0	0	0	0
0.053559	0	0	0	0	0	0
0.017624	0	0	0	0	0	0
0.064974	0	0	0	0	0	0
0.034689	0	0	0	0	0	0
0.058465	0	0	0	0	0	0
0.048667	0	0	0	0	0	0
0.106427	0	0	0	0	0	0
0.055992	0	0	0	0	0	0
0.032944	0	0	0	0	0	0
0.047335	0	0	0	0	0	0
0.03018	0	0	0	0	0	0
0.030043	0	0	0	0	0	0
0.029924	0	0	0	0	0	0
0.032152	0	0	0	0	0	0
0.070328	0	0	0	0	0	0
0.069227	0	0	0	0	0	0
0.055326	0	0	0	0	0	0
0.083881	0	0	0	0	0	0
0.082041	0	0	0	0	0	0
0.021467	0	0	0	0	0	0
0.018653	0	0	0	0	0	0
0.018086	0	0	0	0	0	0
0.061329	0	0	0	0	0	0
0.348707	0.06	0	0	0	0	0
0.039849	0	0	0	0	0	0
0.091404	0	0	0	0	0	0
0.028938	0	0	0	0	0	0
0.011101	0	0	0	0	0	0
0.005235	0	0	0	0	0	0
0.027215	0	0	0	0	0	0
0.014627	0	0	0	0	0	0
0.020831	0	0	0	0	0	0
0.082939	0	0	0	0	0	0
0.022957	0	0	0	0	0	0
0.037227	0	0	0	0	0	0
0.030059	0	0	0	0	0	0
0.113103	0	0	0	0	0	0
0.023956	0	0	0	0	0	0
0.018314	0	0	0	0	0	0
0.019132	0	0	0	0	0	0
0.011786	0	0	0	0	0	0
0.321712	0	0	0	0	0	0

0.987721	0	0	0	0	0	0
0.031603	0	0	0	0	0	0
0.362842	0	0	0	0	0	0
0.018667	0	0	0	0	0	0
0.028381	0	0	0	0	0	0
0.015929	0	0	0	0	0	0
0.011697	0	0	0	0	0	0
0.122007	0	0	0	0	0	0
0.121771	0.16	0	0	0	0	0
0.02772	0	0	0	0	0	0
0.02186	0	0	0	0	0	0
0.041157	0	0	0	0	0	0
0.002727	0	0	0	0	0	0
0.077767	0	0	0	0	0	0
0.01626	0	0	0	0	0	0
0.04079	0	0	0	0	0	0
0.040083	0	0	0	0	0	0
0.078363	0	0	0	0	0	0
0.0609	0	0	0	0	0	0
0.041013	0	0	0	0	0	0
0.063438	0	0	0	0	0	0
0.034633	0	0	0	0	0	0
0.071449	0	0	0	0	0	0
0.014824	0	0	0	0	0	0
0.009656	0	0	0	0	0	0
0.012442	0	0	0	0	0	0
0.022909	0	0	0	0	0	0
0.009325	0	0	0	0	0	0
0.312677	0	0	0	0	0	0
0.157419	0	0	0	0	0	0
0.026146	0	0	0	0	0	0
0.010156	0	0	0	0	0	0
0.005222	0	0	0	0	0	0
0.014916	0	0	0	0	0	0
0.005229	0	0	0	0	0	0
0.059417	0	0	0	0	0	0
0.006802	0	0	0	0	0	0
0.007562	0	0	0	0	3	3
0.004601	0	3	0	0	0	3
0.034337	0	0	0	0	0	0
0.105529	0	0	0	0	0	0
0.038273	0	0	0	0	0	0
0.053381	0	0	0	0	0	0
0.044821	0	0	0	0	0	0
0.044807	0	0	0	0	0	0
0.396129	0.03	0	0	0	0	0
0.042967	0	0	0	0	0	0
0.040325	0	0	0	0	0	0
0.050278	0	0	0	0	0	0
0.030785	0	0	0	0	0	0

0.028065	0	0	0	0	0	0
0.003814	0	0	0	0	0	0
0.002434	0	0	0	0	0	0
0.016078	0	0	0	0	0	0
0.019068	0	0	0	0	0	0
0.00909	0	0	0	0	0	0
0.007298	0	0	0	0	0	0
0.005844	0	0	0	0	0	0
0.207846	0	0	0	0	0	0
0.17229	0	0	0	0	0	0
0.076496	0	0	0	0	0	0
0.0308	0	0	0	0	0	0
0.218486	0.06	0	0	0	0	0
0.027874	0	0	0	4	0	4
0.014098	0	0	0	0	0	0
0.009415	0	0	0	0	0	0
0.025807	0	0	0	0	0	0
0.038228	0	0	0	0	0	0
0.028427	0	0	0	0	0	0
0.020407	0	0	0	0	0	0
0.049908	0	0	0	0	0	0
0.016756	0	0	0	0	0	0
0.199752	0.01	0	0	8	8	16
0.048812	0	8	0	0	0	8
0.038068	0	0	0	0	0	0
0.01525	0	0	0	0	0	0
0.008919	0	0	0	0	0	0
0.017786	0	0	0	0	0	0
0.020099	0	0	0	0	0	0
0.009537	0	0	0	0	0	0
0.041509	0	0	0	0	0	0
0.035768	0	0	0	0	0	0
0.041289	0	0	0	0	0	0
0.056789	0	0	0	0	0	0
0.05797	0	0	0	0	0	0
0.042551	0	0	0	0	0	0
0.069907	0	0	0	0	0	0
0.03075	0	0	0	0	0	0
0.040433	0	0	0	0	0	0
0.027719	0	0	0	0	0	0
0.149949	0	0	0	0	0	0
0.05146	0	0	0	0	0	0
0.068674	0	0	0	0	0	0
0.028818	0	0	0	0	0	0
0.055505	0	0	0	0	0	0
0.059068	0	0	0	0	0	0
0.0373	0	0	0	0	0	0
0.020814	0	0	0	0	0	0
0.031895	0	0	0	0	0	0
0.012652	0	0	0	0	0	0

0.270947	0	0	0	0	0	0
0.015061	0	0	0	0	0	0
0.012115	0	0	0	0	0	0
0.01087	0	0	0	0	0	0
0.019547	0	0	0	0	0	0
0.091303	0	0	0	0	0	0
0.013399	0	0	0	0	0	0
0.009989	0	0	0	0	0	0
0.025536	0	0	0	0	0	0
0.014633	0	0	0	0	0	0
0.02404	0	0	0	0	0	0
0.077294	0	0	0	0	0	0
0.019589	0	0	0	0	0	0
0.027276	0	0	0	0	0	0
0.028291	0	0	0	0	0	0
0.034933	0	0	0	0	0	0
0.016837	0	0	0	0	0	0
0.059311	0	0	0	0	0	0
0.048813	0	0	0	0	0	0
0.107838	0	0	0	0	0	0
0.056981	0	0	0	0	0	0
0.096813	0	0	0	0	0	0
0.027132	0	0	0	0	0	0
0.02399	0.01	0	0	0	0	0
0.026647	0	0	0	0	0	0
0.096044	0	0	0	0	0	0
0.02777	0	0	0	0	0	0
0.016302	0	0	0	0	0	0
0.022378	0	0	0	0	0	0
0.064818	0	0	0	0	0	0
0.425087	0.21	0	0	0	0	0
0.01905	0	0	0	0	0	0
0.039988	0	0	0	0	0	0
0.023204	0	0	0	0	0	0
0.0369	0	0	0	0	0	0
0.08741	0	0	0	0	0	0
0.037636	0	0	0	0	0	0
0.012629	0	0	0	0	0	0
0.025516	0	0	0	0	0	0
0.017765	0	0	0	0	0	0
0.041157	0	0	0	0	0	0
0.036114	0	0	0	0	0	0
0.028952	0	0	0	0	0	0
0.034998	0	0	0	0	0	0
0.021987	0	0	0	0	0	0
0.040609	0	0	0	0	0	0
0.008835	0	0	0	0	0	0
0.032107	0	0	0	0	0	0
0.044617	0	0	0	0	0	0
0.048094	0	0	0	0	0	0

0.021591	0	0	0	0	0	0
0.045413	0	0	0	0	0	0
0.024311	0	0	0	0	0	0
0.028669	0	0	4	0	0	4
0.018306	0	0	0	0	0	0
0.052393	0	0	0	0	0	0
0.01985	0	0	0	0	0	0
0.060414	0	0	0	0	0	0
0.025029	0	0	0	0	0	0
0.028121	0	0	0	0	0	0
0.013361	0	0	0	0	0	0
0.024511	0	0	0	0	0	0
0.014538	0	0	0	0	0	0
0.020549	0	0	0	0	0	0
0.019905	0	0	0	0	0	0
0.018568	0	0	0	0	0	0
0.031629	0	0	0	0	0	0
0.802764	0.32	0	0	0	0	0
0.11217	0	0	0	0	0	0
0.047402	0	0	0	0	0	0
0.037043	0	0	0	0	0	0
0.007886	0	0	0	0	0	0
0.055036	0	0	0	0	0	0
0.035874	0	0	0	0	0	0
0.03261	0	0	0	0	0	0
0.064058	0	0	0	0	0	0
0.048929	0	0	0	0	0	0
0.026654	0	0	0	0	0	0
0.032219	0	0	0	0	0	0
0.048109	0	0	0	0	0	0
0.051635	0	0	0	0	0	0
0.040172	0	0	0	0	0	0
0.032845	0	0	0	0	0	0
0.024855	0	0	0	0	0	0
0.039147	0	0	0	0	0	0
0.046791	0	0	0	0	0	0
0.037286	0	0	0	0	0	0
0.018042	0	0	0	0	0	0
0.023908	0	0	0	0	0	0
0.06947	0	1	0	0	0	1
0.020294	0	0	0	0	0	0
0.032786	0	0	0	0	0	0
0.065605	0	0	0	0	0	0
0.04233	0	0	0	0	0	0
0.166236	0.02	0	0	0	0	0
0.017194	0	0	0	0	0	0
0.02282	0	0	0	0	0	0
0.034456	0	0	0	0	0	0
0.011536	0	0	0	0	0	0
0.007407	0	0	0	0	0	0

0.016801	0	0	0	0	0	0
0.010833	0	0	0	0	0	0
0.006658	0	0	0	0	0	0
0.056888	0	0	0	0	0	0
0.0212	0	0	0	0	0	0
0.015168	0	0	0	0	0	0
0.021869	0	0	0	0	0	0
0.024278	0	0	0	0	0	0
0.01659	0	0	0	0	0	0
0.016825	0	0	0	0	0	0
0.029198	0	0	0	0	0	0
0.087917	0	0	0	0	0	0
0.036221	0	0	0	0	0	0
0.060099	0	0	0	0	0	0
0.047288	0	0	0	0	0	0
0.044928	0	0	0	0	0	0
0.050294	0	0	0	0	0	0
0.039418	0	0	0	0	0	0
0.074738	0	0	0	0	0	0
0.042762	0	0	0	0	0	0
0.032748	0	0	0	0	0	0
0.044938	0	0	0	0	0	0
0.067855	0	0	0	0	0	0
0.080312	0	0	0	0	0	0
0.026723	0	0	0	0	0	0
0.051888	0	0	0	0	0	0
0.086506	0	0	0	0	0	0
0.067047	0	0	0	0	0	0
0.046382	0	0	0	0	0	0
0.032616	0	0	0	0	0	0
0.024022	0	0	0	0	0	0
0.020826	0	0	0	0	0	0
0.013441	0	0	0	0	0	0
0.012811	0	0	0	0	0	0
0.015216	0	0	0	0	0	0
0.015385	0	0	0	0	0	0
0.010069	0	0	0	0	0	0
0.009037	0	0	0	0	0	0
0.007275	0	0	0	0	0	0
0.024906	0	0	0	0	0	0
0.012238	0	0	0	0	0	0
0.014792	0	0	0	0	0	0
0.013283	0	0	0	0	0	0
0.010948	0	0	0	0	0	0
0.009587	0	0	0	0	0	0
0.009985	0	0	0	0	0	0
0.010092	0	0	0	0	0	0
0.014287	0	0	0	0	0	0
0.005722	0	0	0	0	0	0
0.10109	0	0	0	0	0	0

0.02581	0	0	0	0	0	0
0.04126	0	0	0	0	0	0
0.018245	0	0	0	0	0	0
0.023919	0	0	0	0	0	0
0.01347	0	0	0	0	0	0
0.014906	0	0	0	0	0	0
0.0868	0	0	0	0	0	0
0.044815	0	0	0	0	0	0
0.046649	0	0	0	0	0	0
0.055846	0	0	0	0	0	0
0.0598	0	0	0	0	0	0
0.066951	0	0	0	0	0	0
0.033356	0	0	0	0	0	0
0.058882	0	0	0	0	0	0
0.041495	0	0	0	0	0	0
0.041944	0	0	0	0	0	0
0.05456	0	0	0	0	0	0
0.027938	0	0	0	0	0	0
0.020226	0	0	0	0	0	0
0.053439	0	0	0	0	0	0
0.05028	0	0	0	0	0	0
0.025009	0	0	0	0	0	0
0.019421	0	0	0	0	0	0
0.06437	0	0	0	0	0	0
0.062454	0	0	0	0	0	0
0.063002	0	0	0	0	0	0
0.051767	0	0	0	0	0	0
0.042456	0	0	0	0	0	0
0.013038	0	0	0	0	0	0
0.02435	0	0	0	0	0	0
0.010839	0	0	0	0	0	0
0.008228	0	0	0	0	0	0
0.008542	0	0	0	0	0	0
0.025559	0	0	0	0	0	0
0.008731	0	0	0	0	0	0
0.011667	0	0	0	0	0	0
0.028739	0	0	0	0	0	0
0.012218	0	0	0	0	0	0
0.041924	0	0	0	6	0	6
0.02204	0	0	0	0	0	0
0.006953	0	0	0	0	0	0
0.020304	0	0	0	0	0	0
0.024007	0	0	0	0	0	0
0.015203	0	0	0	0	0	0
0.084647	0	0	0	0	0	0
0.023225	0	0	0	0	0	0
0.015053	0	0	0	0	0	0
0.012996	0	0	0	0	0	0
0.008648	0	0	0	0	0	0
0.010678	0	0	0	0	0	0

0.01061	0	0	0	0	0	0
0.011301	0	0	0	0	0	0
0.005893	0	0	0	0	0	0
0.158953	0	0	0	0	0	0
0.034952	0	0	0	0	0	0
0.052194	0	0	0	0	0	0
0.039608	0	0	0	0	0	0
0.147701	0	0	0	0	0	0
0.08242	0	0	0	0	0	0
0.047535	0	0	0	0	0	0
0.030479	0	0	0	0	0	0
0.042653	0	0	0	0	0	0
0.047614	0	0	0	0	0	0
0.041073	0	0	0	0	0	0
0.052859	0	0	0	0	0	0
0.025225	0	0	0	0	0	0
0.021637	0	0	0	0	0	0
0.025514	0	0	0	0	0	0
0.0148	0	0	0	0	0	0
0.089544	0	0	0	0	0	0
0.056018	0	0	0	0	0	0
0.047384	0	0	0	0	0	0
0.058502	0	0	0	0	0	0
0.026892	0	0	0	0	0	0
0.042964	0	0	0	0	0	0
0.044952	0	0	0	0	0	0
0.048953	0	0	0	0	0	0
0.129575	0	0	0	0	0	0
0.1659	0	0	0	0	0	0
0.026894	0	0	0	0	0	0
0.054283	0	0	0	0	0	0
0.0217	0	0	0	0	0	0
0.043048	0	0	0	0	0	0
0.021187	0	0	0	0	0	0
0.021469	0	0	0	0	0	0
0.02728	0	0	0	0	0	0
0.012331	0	0	0	0	0	0
0.017221	0	0	0	0	0	0
0.013376	0	0	0	0	0	0
0.758121	0	0	0	0	0	0
0.047761	0	0	0	0	0	0
0.211532	0	0	0	0	0	0
0.045299	0	0	0	0	0	0
0.144837	0	0	0	0	0	0
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0.0223	0	0	0	0	0	0
0.065821	0	0	0	0	0	0
0.145281	0	0	0	0	0	0
0.040451	0	0	0	0	0	0
0.072432	0	0	0	0	0	0



0.067395	0	0	0	0	0	0
0.055238	0	0	0	0	0	0
0.032074	0	0	0	0	0	0
0.057208	0	0	0	0	0	0
0.048028	0	0	0	0	0	0
0.039263	0	0	0	0	0	0
0.017414	0	0	0	0	0	0
0.043239	0	0	0	0	0	0
0.059703	0	0	0	0	0	0
0.072	0	0	0	0	0	0
0.066874	0	0	0	0	0	0
0.043538	0	0	0	0	0	0
0.067858	0	0	0	0	0	0
0.106695	0	0	0	0	0	0
0.026949	0	0	0	0	0	0
0.020433	0	0	0	0	0	0
0.013988	0	0	0	0	0	0
0.013936	0	0	0	0	0	0
0.009163	0	0	0	0	0	0
0.010877	0	0	0	0	0	0
0.014811	0	0	0	0	0	0
0.012724	0	0	0	0	0	0
0.013343	0	0	0	0	0	0
0.014897	0	0	0	0	0	0
0.015018	0	0	0	0	0	0
0.03029	0	0	0	0	0	0
0.034449	0	0	0	0	0	0
0.010534	0	0	0	0	0	0
0.009062	0	0	0	0	0	0
0.00982	0	0	0	0	0	0
0.006289	0	0	0	0	0	0
0.010673	0	0	0	0	0	0
0.010156	0	0	0	0	0	0
0.01038	0	0	0	0	0	0
0.016916	0	0	0	0	0	0
0.014031	0	0	0	0	0	0
0.034084	0	0	0	0	0	0
0.026479	0	0	0	0	0	0
0.019994	0	0	0	0	0	0
0.016481	0	0	0	0	0	0
0.022204	0	0	0	0	0	0
0.025656	0	0	0	0	0	0
0.01963	0	0	0	0	0	0
0.035156	0	0	0	0	0	0
0.027528	0	0	0	0	0	0
0.095823	0	0	0	0	0	0
0.045946	0	0	0	0	0	0
0.040143	0	0	0	0	0	0
0.025332	0	0	0	0	0	0
0.020946	0	0	0	0	0	0

0.059538	0	0	0	0	0	0
0.026283	0	0	0	0	0	0
0.034082	0	0	0	0	0	0
0.022132	0	0	0	0	0	0
0.015197	0	0	0	0	0	0
0.0057	0	2	6	0	0	8
0.006081	0	0	0	0	0	0
0.003787	0	0	0	0	0	0
0.010958	0	0	0	0	0	0
0.00278	0	0	0	0	0	0
0.003793	0	0	0	0	0	0
0.002894	0	0	0	0	0	0
0.014378	0	0	0	0	0	0
0.011273	0	0	0	0	0	0
0.008756	0	0	0	0	0	0
0.165157	0.05	0	0	0	0	0
0.004359	0	0	0	0	0	0
0.005362	0	0	0	0	0	0
0.006552	0	0	0	0	0	0
0.008008	0	0	0	0	0	0
0.013476	0	0	0	0	0	0
0.102815	0	0	0	0	0	0
0.086548	0	0	0	0	0	0
0.003195	0	0	0	0	0	0
0.007034	0	0	0	0	0	0
0.026091	0	0	0	0	0	0
0.020368	0	0	0	0	0	0
0.059019	0	0	0	0	0	0
0.16625	0	0	0	0	0	0
0.077504	0	0	0	0	0	0
0.1792	0	0	0	0	0	0
0.078756	0	0	0	0	0	0
0.111524	0	0	0	0	0	0
0.016036	0	0	0	0	0	0
0.047221	0	0	0	0	0	0
0.010764	0	0	0	0	0	0
0.011686	0	0	0	0	0	0
0.042264	0.01	0	0	0	3	3
0.009271	0	0	0	0	8	8
0.019234	0	8	0	0	0	8
0.000617	0	0	0	0	0	0
0.056843	0	0	0	0	0	0
0.080086	0	0	0	0	0	0
0.04336	0	0	0	0	0	0
0.050968	0	0	0	0	0	0
0.011261	0	0	0	0	0	0
0.007542	0	0	0	0	0	0
0.011041	0	0	0	0	0	0
0.084077	0	0	0	0	0	0
0.02821	0	0	0	0	0	0

0.041394	0	0	0	0	0	0
0.024037	0	0	0	0	0	0
0.024367	0	0	0	0	0	0
0.024571	0	0	0	0	0	0
0.031033	0	0	0	0	0	0
0.023632	0	0	0	0	0	0
0.0142	0	0	0	0	0	0
0.021321	0	0	0	0	0	0
0.016842	0	0	0	0	0	0
0.009515	0	0	0	0	0	0
0.014654	0	0	0	0	0	0
0.022567	0	0	0	0	0	0
0.051227	0	0	0	0	0	0
0.021214	0	0	0	0	4	4
0.13266	0	4	11	0	0	15
0.102047	0	0	0	0	0	0
0.107044	0	0	0	0	0	0
0.024953	0	0	5	0	0	5
0.030902	0	0	0	0	0	0
0.011641	0	0	0	0	0	0
0.05609	0.01	0	0	0	0	0
0.033349	0	0	0	0	0	0
0.076103	0	0	0	0	0	0
0.028221	0	0	0	0	0	0
0.014686	0	0	0	0	0	0
0.083609	0	0	0	0	0	0
0.031641	0	0	0	0	0	0
0.05301	0	0	0	0	0	0
0.033486	0	0	0	0	0	0
0.006405	0	0	0	0	0	0
0.00858	0	0	0	0	0	0
0.05674	0	0	0	0	0	0
0.014669	0	0	0	0	0	0
0.01468	0	0	0	0	0	0
0.023917	0	0	0	0	0	0
0.014799	0	0	0	0	0	0
0.020173	0	0	0	0	0	0
0.015472	0	0	0	0	0	0
0.045454	0	0	0	0	0	0
0.017117	0	0	0	0	0	0
0.010741	0	0	0	0	0	0
0.011166	0	0	0	0	0	0
0.014384	0	0	0	0	0	0
0.014859	0	0	0	0	0	0
0.015354	0	0	0	0	0	0
0.019115	0	0	0	0	0	0
0.026672	0	0	0	0	0	0
0.009944	0	0	0	0	0	0
0.007832	0	0	0	0	0	0
0.012644	0	0	0	0	0	0

0.017408	0	0	0	0	0	0
0.007616	0	0	0	0	0	0
0.016707	0	0	0	0	0	0
0.021267	0	0	0	0	0	0
0.009378	0	0	0	0	0	0
0.008675	0	0	0	0	0	0
0.012035	0	0	0	0	0	0
0.012738	0	0	0	0	0	0
0.01661	0	0	0	0	0	0
0.011116	0	0	0	0	0	0
0.493692	0.36	0	0	0	0	0
0.02799	0	0	0	0	0	0
0.021904	0	0	0	0	0	0
0.028571	0	0	0	0	0	0
0.019211	0	0	0	0	1	1
0.015381	0	1	0	0	0	1
0.0234	0	0	0	0	0	0
0.056948	0	0	0	0	0	0
0.073258	0	0	0	0	0	0
0.054505	0	0	0	0	0	0
0.05836	0	0	0	0	0	0
0.051122	0	0	0	0	0	0
0.06217	0	0	0	0	0	0
0.053837	0	0	0	0	0	0
0.059107	0	0	0	0	0	0
0.057449	0	0	0	0	0	0
0.20201	0	0	0	0	0	0
0.046395	0	0	0	0	0	0
0.091637	0	0	0	0	0	0
0.088045	0	0	0	0	0	0
0.03276	0	0	0	0	0	0
0.021778	0	0	0	0	0	0
0.02554	0	0	0	0	0	0
0.025262	0	0	0	0	0	0
0.020895	0	0	0	0	0	0
0.036304	0	0	0	0	0	0
0.017668	0	0	0	0	0	0
0.018784	0	0	0	0	0	0
0.040969	0	0	0	0	0	0
0.015937	0	0	0	0	0	0
0.013285	0	0	0	0	0	0
0.026772	0	0	0	0	0	0
0.036579	0	0	0	0	0	0
0.027849	0	0	0	0	0	0
0.025172	0	0	0	0	0	0
0.010901	0	0	0	0	0	0
0.019152	0	0	0	0	0	0
0.015351	0	0	0	0	0	0
0.022331	0	0	0	0	0	0
0.020474	0	0	0	0	0	0

0.012846	0	0	0	0	0	0
0.015803	0	0	0	0	0	0
0.011886	0	0	0	0	0	0
0.007792	0	0	0	0	0	0
0.005236	0	0	0	0	0	0
0.003301	0	0	0	0	0	0
0.779649	0	0	0	7	0	7
0.003655	0	0	0	0	0	0
0.003537	0	0	0	0	0	0
0.004301	0	0	0	0	0	0
0.004013	0	0	0	0	0	0
0.003449	0	0	0	0	0	0
0.003257	0	0	0	0	0	0
0.002545	0	0	0	0	0	0
0.00647	0	0	0	0	0	0
0.002723	0	0	0	0	0	0
0.00462	0	0	0	0	0	0
0.06645	0	0	0	0	0	0
0.009995	0	0	0	0	0	0
0.004133	0	0	0	0	0	0
0.00313	0	0	0	0	0	0
0.004656	0	0	0	0	0	0
0.003823	0	0	0	0	0	0
0.002493	0	0	0	0	0	0
0.00192	0.01	0	0	0	0	0
0.005719	0	0	0	0	0	0
0.002563	0	0	0	0	0	0
0.00392	0	0	0	0	0	0
0.004029	0	0	0	0	0	0
0.006193	0	0	0	0	0	0
0.002272	0	0	0	0	0	0
0.003465	0	0	0	0	0	0
0.001733	0	0	0	0	0	0
0.003889	0	0	0	0	0	0
0.001974	0.01	0	0	0	0	0
0.00148	0	0	0	0	0	0
0.001907	0	0	0	0	0	0
0.002296	0	0	0	0	0	0
0.001207	0	0	0	0	0	0
0.000988	0	0	0	0	0	0
0.001539	0.03	0	0	0	0	0
0.004902	0	0	0	0	0	0
0.003509	0	0	0	0	0	0
0.004034	0	0	0	0	0	0
0.007305	0	0	0	0	0	0
0.00898	0	0	0	0	0	0
0.068686	0	0	0	0	0	0
0.000892	0	0	0	0	0	0
0.000684	0	0	0	0	0	0
0.000748	0	0	0	0	0	0

0.014442	0	0	0	0	0	0
0.001961	0	0	0	0	0	0
0.000651	0	0	0	0	0	0
0.000536	0	0	0	0	0	0
0.000841	0	0	0	0	0	0
0.004021	0	0	0	0	0	0
0.004486	0	0	0	0	0	0
0.002418	0	0	0	0	0	0
0.000561	0	0	0	0	0	0
0.013091	0	0	0	0	0	0
0.000602	0	0	0	0	0	0
0.001412	0	0	0	0	0	0
0.001662	0	0	0	0	0	0
0.002982	0	0	0	0	0	0
0.001085	0	0	0	0	0	0
0.000761	0	0	0	0	0	0
0.003145	0	0	0	0	0	0
0.001153	0	0	0	0	0	0
0.462805	0	0	0	0	0	0
0.206293	0	0	0	0	0	0
0.898441	0	0	0	0	0	0
0.662612	0	0	0	0	0	0
0.315604	0	0	0	0	0	0
0.395674	0.06	0	0	0	0	0
0.035782	0	0	0	0	0	0
0.035236	0	0	0	0	0	0
0.023732	0	0	0	0	0	0
0.020574	0	0	0	0	0	0
0.020129	0	0	0	0	0	0
0.02146	0	0	0	0	0	0
0.038274	0	0	0	0	0	0
0.021461	0	0	0	0	0	0
0.021766	0	0	0	0	0	0
0.0328	0	0	0	0	0	0
0.011487	0	0	0	0	0	0
0.016635	0	0	0	0	0	0
0.01992	0	0	0	0	0	0
0.010817	0	0	0	0	0	0
0.021272	0	0	0	0	0	0
0.022257	0	0	0	0	0	0
0.013899	0	0	0	0	0	0
0.082222	0	0	0	0	0	0
0.043359	0	0	0	0	0	0
0.029447	0	0	0	0	0	0
0.014454	0	0	0	0	0	0
0.030005	0	0	0	0	0	0
0.010219	0	0	0	0	0	0
0.011588	0	0	0	0	0	0
0.014957	0	0	0	0	0	0
0.014596	0	0	0	0	0	0

0.069377	0	0	0	0	0	0
0.029274	0	0	0	0	0	0
0.040253	0	0	0	0	0	0
0.030725	0	0	0	0	0	0
0.027896	0	0	0	0	0	0
0.032294	0	0	0	0	0	0
0.057767	0	0	0	0	0	0
0.058495	0	0	0	0	0	0
0.058662	0	0	0	0	0	0
0.178069	0	0	0	0	0	0
0.05773	0	0	0	0	0	0
0.05209	0	0	0	0	0	0
0.034126	0	0	0	0	0	0
0.062214	0	0	0	0	0	0
0.091999	0	0	0	0	0	0
0.032437	0	0	0	0	0	0
0.041123	0	0	0	0	0	0
0.064769	0	0	0	0	0	0
0.048796	0	0	0	0	0	0
0.096491	0	0	0	0	0	0
0.06636	0	0	0	0	0	0
0.047322	0	0	0	0	0	0
0.033489	0	0	0	0	0	0
0.019136	0	0	0	0	0	0
0.010247	0	0	0	0	0	0
0.01263	0	0	0	0	0	0
0.01281	0	0	0	0	0	0
0.0087	0	0	0	0	0	0
0.022034	0	0	0	0	0	0
0.026651	0	0	0	0	0	0
0.013771	0	0	0	0	0	0
0.0052	0	0	0	0	0	0
0.004932	0	0	0	0	0	0
0.013172	0	0	0	0	0	0
0.010263	0	0	0	0	0	0
0.011921	0	0	0	0	0	0
0.054998	0	0	0	0	0	0
0.057133	0	0	0	0	0	0
0.009729	0	0	0	0	0	0
0.013469	0	0	0	0	0	0
0.010518	0	0	0	0	0	0
0.027214	0	0	0	0	0	0
0.00991	0	0	0	0	0	0
0.016983	0	0	0	0	0	0
0.179571	0	0	0	0	0	0
0.008997	0	0	0	0	0	0
0.008303	0	0	0	0	0	0
0.010026	0	0	0	0	0	0
0.013777	0	0	0	0	0	0
0.007747	0	0	0	0	0	0

0.006609	0	0	0	0	0	0
0.020814	0	0	0	0	0	0
0.009752	0	0	0	0	0	0
0.012549	0	0	0	0	0	0
0.020321	0	0	0	0	0	0
0.017848	0	0	0	0	0	0
0.01966	0	0	0	0	0	0
0.009639	0	0	0	0	0	0
0.011542	0	0	0	0	0	0
0.03394	0	0	0	0	0	0
0.010648	0	0	0	0	0	0
0.01109	0	0	0	0	0	0
0.014758	0	0	0	0	0	0
0.017685	0	0	0	0	0	0
0.015301	0	0	0	0	0	0
0.024652	0	0	0	0	0	0
0.054223	0	0	0	0	0	0
0.052091	0	0	0	0	0	0
0.042204	0	0	0	0	0	0
0.064413	0	0	0	0	0	0
0.041157	0	0	0	0	0	0
0.072523	0	0	0	0	0	0
0.084433	0	0	0	0	0	0
0.038247	0	0	0	0	0	0
0.130312	0.07	0	0	0	0	0
0.002574	0	0	0	0	0	0
0.001751	0	0	0	0	0	0
0.002083	0	0	0	0	0	0
0.002013	0	0	0	0	0	0
0.019633	0	0	0	0	0	0
0.00777	0	0	0	0	0	0
0.002425	0	0	0	0	0	0
0.004673	0	0	0	0	0	0
0.001494	0	0	0	0	0	0
0.001177	0	0	0	0	0	0
0.00519	0	0	0	0	0	0
0.004099	0	0	0	0	0	0
0.006543	0	0	0	0	0	0
0.00786	0	0	0	0	0	0
0.002588	0	0	0	0	0	0
0.001296	0	0	0	0	0	0
0.029565	0	0	0	0	2	2
0.004587	0	0	0	0	0	0
0.005718	0	0	0	0	0	0
0.012864	0	0	0	0	0	0
0.005575	0	0	0	0	0	0
0.002941	0	0	0	0	0	0
0.003217	0	0	0	0	0	0
0.002376	0	0	0	0	0	0
0.040648	0	0	0	0	0	0



0.041167	0	0	0	0	0	0
0.065151	0	0	0	0	0	0
0.028835	0	0	0	0	0	0
0.019733	0	0	0	0	0	0
0.018768	0	0	0	0	0	0
0.014874	0	0	0	0	0	0
0.009331	0	0	0	0	0	0
0.01054	0	0	0	0	0	0
0.016056	0	0	0	0	0	0
0.011484	0	0	0	0	0	0
0.009579	0	0	0	0	0	0
0.008187	0	0	0	0	0	0
0.020262	0	0	0	0	0	0
0.026312	0	0	0	0	0	0
0.026554	0	0	0	0	0	0
0.023387	0	0	0	0	0	0
0.020288	0	0	0	0	0	0
0.014749	0	0	0	0	0	0
0.013833	0	0	0	0	0	0
0.017533	0	0	0	0	0	0
0.017248	0	0	0	0	0	0
0.015614	0	0	0	0	0	0
0.015283	0	0	0	0	0	0
0.046959	0	0	0	0	0	0
0.055702	0	0	0	0	0	0
0.079671	0	0	0	0	0	0
0.066848	0	0	0	0	0	0
0.117339	0	0	0	0	0	0
0.075646	0	0	0	0	0	0
0.076409	0	0	0	0	0	0
0.079846	0	0	0	0	0	0
0.053569	0	0	0	0	0	0
0.188921	0	0	0	0	0	0
0.078754	0	0	0	0	0	0
0.061561	0	0	0	0	0	0
0.048751	0	0	0	0	0	0
0.353522	0	0	0	0	0	0
0.172605	0	0	0	0	0	0
0.073929	0	0	0	0	0	0
0.020502	0	0	0	0	0	0
0.015247	0	0	0	0	0	0
0.015283	0	0	0	0	0	0
0.013893	0	0	0	0	0	0
0.029454	0	0	0	0	0	0
0.02902	0	0	0	0	0	0
0.020375	0	0	0	0	0	0
0.022563	0	0	0	0	0	0
0.011933	0	0	0	0	0	0
0.012935	0	0	0	0	0	0
0.011075	0	0	0	0	0	0

0.009348	0	0	0	0	0	0
0.007772	0	0	0	0	0	0
0.010164	0	0	0	0	0	0
0.014562	0	0	0	0	0	0
0.048997	0	0	0	0	0	0
0.022481	0	0	0	0	0	0
0.011305	0	0	0	0	0	0
0.038407	0	0	0	0	0	0
0.050314	0	0	0	0	0	0
0.137195	0	0	0	0	0	0
0.045653	0	0	0	0	0	0
0.049976	0	0	0	0	0	0
0.106604	0	0	0	0	0	0
0.08086	0	0	0	0	0	0
0.049332	0	0	0	0	0	0
0.044607	0	0	0	0	0	0
0.042055	0	0	0	0	0	0
0.03267	0	0	0	0	0	0
0.044076	0	0	0	0	0	0
0.068627	0	0	0	0	0	0
0.058915	0	0	0	0	0	0
0.147027	0	0	0	0	0	0
0.032518	0	0	0	0	0	0
0.030369	0	0	0	0	0	0
0.002878	0	0	0	0	0	0
0.00167	0	0	0	0	0	0
0.001047	0	0	0	0	0	0
0.104175	0.22	2	0	0	0	2
0.105375	0.01	0	0	0	0	0
0.029257	0	0	0	0	0	0
0.001155	0	0	0	0	0	0
0.001453	0	0	0	0	0	0
0.003681	0	0	0	0	0	0
0.008963	0	0	0	0	0	0
0.004819	0	0	0	0	0	0
0.002192	0.01	0	0	0	0	0
0.003057	0	0	0	0	0	0
0.002002	0	0	0	0	0	0
0.241542	0	0	0	0	0	0
0.010091	0	0	0	0	0	0
0.012445	0	0	0	0	0	0
0.006523	0	0	0	0	0	0
0.005924	0	0	0	0	0	0
0.006794	0	0	0	0	0	0
0.008977	0	0	0	0	0	0
0.011402	0	0	0	0	0	0
0.003703	0	0	0	0	0	0
0.007156	0	0	0	0	0	0
0.020994	0	0	0	0	0	0
0.011999	0	0	0	0	0	0

0.01444	0	0	0	0	0	0
0.019027	0	0	0	0	0	0
0.015834	0	0	0	0	0	0
0.973417	0	0	0	0	0	0
0.987392	0	0	0	0	0	0
0.988825	0	0	0	0	0	0
0.958553	0	0	0	0	0	0
0.061801	0	0	0	0	0	0
0.01612	0	0	0	0	0	0
0.007675	0	0	0	0	0	0
0.004318	0	0	0	0	0	0
0.004653	0	0	0	0	0	0
0.012306	0	0	0	0	0	0
0.015086	0	0	0	0	0	0
0.03391	0	0	0	0	0	0
0.008375	0	0	0	0	0	0
0.073586	0	0	0	0	0	0
0.049544	0	0	0	0	0	0
0.040445	0	0	0	0	0	0
0.037565	0	0	0	0	0	0
0.039688	0	0	0	0	0	0
0.020332	0	0	0	0	0	0
0.158002	0	0	0	0	0	0
0.044161	0	0	0	0	0	0
0.077388	0	0	0	0	0	0
0.017625	0	0	0	0	0	0
0.152771	0	0	0	0	0	0
0.033095	0	0	0	0	0	0
0.045427	0	0	0	0	0	0
0.092163	0	0	0	0	0	0
0.184534	0	0	0	0	0	0
0.093143	0	0	0	0	0	0
0.133776	0.03	0	0	0	0	0
0.040315	0	0	0	0	0	0
0.460415	0.06	0	0	0	0	0
0.020788	0	0	0	5	0	5
0.015318	0	0	0	0	0	0
0.091939	0	0	0	0	0	0
0.016095	0	0	0	0	0	0
0.060685	0	0	0	0	0	0
0.049323	0	0	0	0	0	0
0.012069	0	0	0	0	0	0
0.012394	0	0	3	3	0	6
0.008428	0	0	0	0	0	0
0.014141	0	0	0	0	0	0
0.010855	0	0	0	0	0	0
0.010156	0	0	0	0	0	0
0.012277	0	0	0	0	7	7
0.013829	0	0	0	0	0	0
0.051057	0	0	0	0	0	0

0.057954	0	0	0	0	0	0
0.062434	0	0	0	0	0	0
0.057371	0	0	0	0	0	0
0.048444	0	0	0	0	0	0
0.057136	0	0	0	0	0	0
0.044862	0	0	0	0	0	0
0.073485	0	0	0	0	0	0
0.054361	0	0	0	0	0	0
0.007679	0	0	0	0	0	0
0.012454	0	0	0	0	0	0
0.00182	0	0	0	0	0	0
0.007162	0	0	0	0	0	0
0.00701	0	0	0	0	0	0
0.012686	0	0	0	0	0	0
0.003825	0	0	0	0	0	0
0.003337	0	0	0	0	0	0
0.010148	0	0	0	0	0	0
0.009618	0	0	0	0	0	0
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0.002327	0	0	0	0	0	0
0.002519	0	0	0	0	0	0
0.003815	0	0	0	0	0	0
0.002958	0	0	0	0	0	0
0.002967	0	0	0	0	0	0
0.005632	0	0	0	0	0	0
0.009614	0	0	0	0	0	0
0.004668	0	0	0	0	0	0
0.165558	0	0	0	0	0	0
0.060848	0	0	0	2	0	2
0.052416	0	0	0	0	0	0
0.041418	0	0	0	0	0	0
0.047607	0	0	0	0	0	0
0.037784	0	0	0	0	0	0
0.016705	0	0	0	0	0	0
0.016019	0	0	0	0	0	0
0.061436	0	0	0	0	0	0
0.006785	0	0	0	0	0	0
0.015009	0	0	0	0	0	0
0.109657	0	0	0	0	0	0
0.009563	0	0	0	0	0	0
0.013802	0	0	0	0	0	0
0.042946	0	0	0	0	0	0
0.019165	0	0	0	0	0	0
0.02487	0	0	0	0	0	0
0.012172	0	0	0	0	0	0
0.007403	0	0	0	0	0	0
0.033401	0	0	0	0	0	0
0.040702	0	0	0	0	0	0
0.060198	0	0	0	0	0	0
0.048025	0	0	0	0	0	0

0.045502	0	0	0	0	0	0
0.118203	0	0	0	0	0	0
0.063561	0	0	0	0	0	0
0.044576	0	0	0	0	0	0
0.007073	0	0	0	0	0	0
0.011609	0	0	0	0	0	0
0.00998	0	0	0	0	0	0
0.010771	0	0	0	0	0	0
0.105235	0	0	0	0	0	0
0.007336	0	0	0	0	0	0
0.006848	0	0	0	0	0	0
0.009558	0	0	0	0	0	0
0.021029	0	0	0	0	0	0
0.061537	0	0	0	0	0	0
0.052951	0	0	0	0	0	0
0.05206	0	0	0	0	0	0
0.052563	0	0	0	0	0	0
0.037368	0	0	0	0	0	0
0.118932	0	0	0	0	0	0
0.249914	0	0	0	0	0	0
0.038159	0	0	0	0	0	0
0.062555	0	0	0	0	0	0
0.211202	0	0	0	0	0	0
0.02372	0	0	0	0	0	0
0.018124	0	0	0	0	0	0
0.078199	0	0	0	0	0	0
0.076772	0	0	0	0	0	0
0.258363	0	0	0	0	0	0
0.039054	0	0	0	0	0	0
0.037185	0	0	0	0	0	0
0.068404	0	0	0	0	0	0
0.033916	0	0	0	0	0	0
0.024041	0	0	0	0	0	0
0.244214	0	0	0	0	0	0
0.037118	0	0	0	0	0	0
0.031439	0	0	0	0	0	0
0.01703	0	0	0	0	0	0
0.00913	0	0	0	0	0	0
0.013432	0	0	0	0	0	0
0.051687	0	0	0	0	0	0
0.020038	0	0	0	0	0	0
0.029969	0	0	0	0	0	0
0.040621	0	0	0	0	0	0
0.011997	0	0	0	0	0	0
0.012248	0	0	0	0	0	0
0.014423	0	0	0	0	0	0
0.009848	0	0	0	0	0	0
0.011146	0	0	0	0	0	0
0.023951	0	0	0	0	0	0
0.010004	0	0	0	0	0	0

0.064212	0	0	0	0	0	0
0.0221	0	0	0	0	0	0
0.082569	0	0	0	0	0	0
0.030024	0	0	0	0	0	0
0.042094	0	0	0	0	0	0
0.052264	0	0	0	0	0	0
0.038027	0	0	0	0	0	0
0.019614	0	0	0	0	0	0
0.026584	0	0	0	0	0	0
0.104271	0	0	0	0	0	0
0.041157	0	0	0	0	0	0
0.030319	0	0	0	0	0	0
0.010096	0	0	0	0	0	0
0.02398	0	0	0	0	0	0
0.017159	0	0	0	0	0	0
0.028939	0	0	0	0	0	0
0.02404	0	0	0	0	0	0
0.014668	0	0	0	0	0	0
0.128714	0	0	0	0	0	0
0.06858	0	0	0	0	0	0
0.033689	0	0	0	0	0	0
0.185714	0	0	0	0	0	0
0.008234	0	0	0	0	0	0
0.002406	0	0	0	0	0	0
0.00281	0	0	0	0	0	0
0.055359	0.01	0	0	0	0	0
0.005556	0	0	0	0	0	0
0.034481	0	0	0	0	0	0
0.068782	0	0	0	0	0	0
0.122763	0	0	0	0	0	0
0.022665	0	0	0	0	0	0
0.03823	0	0	0	0	0	0
0.006109	0	0	0	0	0	0
0.011755	0	0	0	0	0	0
0.019622	0	0	0	0	0	0
0.00924	0	0	0	0	0	0
0.01875	0	0	0	0	0	0
0.03138	0	0	0	0	0	0
0.046149	0	0	0	0	0	0
0.012315	0	0	0	0	0	0
0.015655	0	0	0	0	0	0
0.035904	0	0	0	0	0	0
0.012926	0	0	0	0	0	0
0.904408	0	0	0	0	0	0
0.060335	0	0	0	0	0	0
0.103381	0	0	0	0	0	0
0.135799	0	0	0	0	0	0
0.043292	0	0	0	0	0	0
0.198493	0	0	0	0	0	0
0.032317	0	0	0	0	0	0

0.16546	0	0	0	0	0	0
0.017082	0	0	0	0	0	0
0.043224	0	0	0	0	0	0
0.045568	0	0	0	0	0	0
0.039761	0	0	0	0	0	0
0.109626	0	0	0	0	0	0
0.246759	0	0	0	0	0	0
0.033321	0	0	0	0	0	0
0.024551	0	0	0	0	0	0
0.036203	0	0	0	0	0	0
0.077036	0	0	0	0	0	0
0.032098	0	0	0	0	0	0
0.018386	0	0	0	0	0	0
0.129802	0	0	0	0	0	0
0.235906	0	0	0	0	0	0
0.018168	0	0	0	0	0	0
0.020452	0	0	0	0	0	0
0.030065	0	0	0	0	0	0
0.040479	0	0	0	0	0	0
0.012963	0	0	0	0	0	0
0.015849	0	0	0	0	0	0
0.022674	0	0	0	0	0	0
0.032439	0	0	0	0	0	0
0.012166	0	0	0	0	0	0
0.017118	0	0	0	0	0	0
0.025728	0	0	0	0	0	0
0.073577	0	0	0	0	0	0
0.068522	0	0	0	0	0	0
0.038669	0	0	0	0	0	0
0.036329	0	0	0	0	0	0
0.05797	0	0	0	0	0	0
0.062887	0	0	0	0	0	0
0.046799	0	0	0	0	0	0
0.019739	0	0	0	0	0	0
0.032362	0	0	0	0	0	0
0.044822	0	0	0	0	0	0
0.055053	0	0	0	0	0	0
0.057882	0	0	0	0	0	0
0.046606	0	0	0	0	0	0
0.043874	0	0	0	0	0	0
0.042633	0	0	0	0	0	0
0.083103	0	0	0	0	0	0
0.042385	0	0	0	0	0	0
0.034722	0	0	0	0	0	0
0.025132	0	0	0	0	0	0
0.019126	0	0	0	0	0	0
0.083003	0	0	0	0	0	0
0.104745	0	0	0	0	0	0
0.038165	0	0	0	0	0	0
0.015672	0	0	0	0	0	0

0.045044	0	0	0	0	0	0
0.046805	0	0	0	0	0	0
0.053529	0	0	0	0	0	0
0.037001	0	0	0	0	0	0
0.041211	0	0	0	0	0	0
0.056842	0	0	0	0	0	0
0.059322	0	0	0	0	0	0
0.038567	0	0	0	0	0	0
0.00937	0	0	0	0	0	0
0.007718	0	0	0	0	0	0
0.005563	0	0	0	0	0	0
0.004049	0	0	0	0	0	0
0.00918	0	0	0	0	0	0
0.004796	0	0	0	0	0	0
0.005554	0	0	0	0	0	0
0.004932	0	0	0	0	0	0
0.004984	0	0	0	0	0	0
0.055787	0	0	0	0	0	0
0.024892	0	0	0	0	0	0
0.003905	0	0	0	0	0	0
0.004863	0	0	0	0	0	0
0.01194	0	0	0	0	0	0
0.008283	0	0	0	0	0	0
0.012379	0	0	0	0	0	0
0.004986	0	0	0	0	0	0
0.012205	0	0	0	0	0	0
0.004798	0	0	0	0	0	0
0.004051	0	0	0	0	0	0
0.008646	0	0	0	0	0	0
0.007368	0	0	0	0	0	0
0.009138	0	0	0	0	0	0
0.00994	0	0	0	0	0	0
0.009168	0	0	0	0	0	0
0.01258	0	0	0	0	0	0
0.007393	0	0	0	0	0	0
0.004796	0	0	0	0	0	0
0.006255	0	0	0	0	0	0
0.00578	0	0	0	0	0	0
0.002807	0	0	0	0	1	1
0.002486	0	0	0	0	0	0
0.002115	0	0	0	0	0	0
0.001755	0	0	0	0	0	0
0.002305	0	0	0	0	0	0
0.005718	0	0	0	0	0	0
0.005557	0	0	0	0	0	0
0.005351	0	0	0	0	0	0
0.006681	0	0	0	0	0	0
0.004785	0	0	0	0	0	0
0.007372	0	0	0	0	0	0
0.004042	0	0	0	0	0	0



0.020853	0	0	0	0	0	0
0.008363	0	0	0	0	0	0
0.003207	0	0	0	0	0	0
0.003994	0	0	0	0	0	0
0.011481	0	0	0	0	0	0
0.009472	0	0	0	0	0	0
0.021184	0	0	0	0	0	0
0.009721	0	0	0	0	0	0
0.017321	0	0	0	0	0	0
0.008545	0	0	0	0	0	0
0.00813	0	0	0	0	0	0
0.009752	0	0	0	0	0	0
0.088889	0	0	0	0	0	0
0.001544	0	0	0	0	0	0
0.002959	0	0	0	0	0	0
0.002466	0	0	0	0	0	0
0.003181	0	0	0	0	0	0
0.001414	0	0	0	0	0	0
0.001446	0	0	0	0	0	0
0.001833	0	0	0	0	0	0
0.003274	0	0	0	0	0	0
0.001841	0	0	0	0	0	0
0.009637	0	0	0	0	0	0
0.012645	0	0	0	0	0	0
0.000467	0	0	0	0	0	0
0.003931	0	0	0	0	0	0
0.003218	0	0	0	0	0	0
0.004627	0	0	9	0	0	9
0.003873	0	0	0	0	0	0
0.002691	0	0	0	0	0	0
0.003517	0	0	0	0	0	0
0.001645	0	0	0	0	0	0
0.027182	0	0	0	0	0	0
0.004688	0	0	0	0	0	0
0.011224	0	0	0	0	0	0
0.031794	0.06	0	0	0	0	0
0.020094	0	0	0	0	0	0
0.064084	0	0	0	0	0	0
0.063988	0	0	0	0	0	0
0.040381	0	0	0	0	0	0
0.008247	0	0	0	0	0	0
0.010441	0	0	0	0	0	0
0.014337	0	0	0	0	0	0
0.045068	0	0	0	0	0	0
0.008371	0	0	0	0	0	0
0.012219	0	0	0	0	0	0
0.339467	0.03	0	0	0	0	0
0.138428	0	0	0	0	0	0
0.051138	0	0	0	0	0	0
0.051545	0	0	0	0	7	7

0.043353	0	7	0	0	0	7
0.046271	0	0	0	0	0	0
0.24076	0	0	0	0	0	0
0.067481	0	0	0	0	0	0
0.038846	0	0	0	0	0	0
0.149741	0	0	0	0	0	0
0.057961	0	0	0	0	0	0
0.067112	0	0	0	0	0	0
0.051648	0	0	0	0	0	0
0.067887	0	0	0	0	0	0
0.068659	0	0	0	0	0	0
0.066321	0	0	0	0	0	0
0.002152	0	0	0	0	0	0
0.007679	0	0	0	0	0	0
0.002116	0	0	0	0	0	0
0.034886	0	0	0	0	0	0
0.02982	0	0	0	0	0	0
0.085552	0.02	0	0	0	0	0
0.011537	0	0	0	0	0	0
0.237974	0.04	3	0	0	0	3
0.031945	0	0	0	0	0	0
0.078161	0	0	0	0	0	0
0.023088	0	0	0	0	0	0
0.03437	0	0	0	0	0	0
0.096909	0	0	0	0	0	0
0.082191	0	0	0	0	0	0
0.089206	0	0	0	0	0	0
0.015194	0	0	0	0	0	0
0.075189	0	0	0	0	0	0
0.161768	0	0	0	0	0	0
0.134698	0	0	0	0	0	0
0.028734	0	0	0	0	0	0
0.090965	0	0	0	0	0	0
0.010847	0	0	0	0	0	0
0.010342	0	0	0	0	0	0
0.105719	0	0	0	2	0	2
0.019741	0	0	0	0	0	0
0.054588	0	0	0	0	0	0
0.01957	0	0	0	0	0	0
0.070149	0	0	0	0	0	0
0.023565	0	0	0	0	0	0
0.017592	0	8	0	0	0	8
0.012237	0	0	0	0	0	0
0.016852	0	0	0	0	0	0
0.060875	0	0	0	0	0	0
0.019689	0	0	0	0	0	0
0.046844	0	0	0	0	0	0
0.009577	0	0	0	0	0	0
0.01685	0	0	0	0	0	0
0.01711	0	0	0	0	0	0

0.019044	0	0	0	0	0	0
0.008142	0	0	0	0	0	0
0.010698	0	0	0	0	0	0
0.01441	0	0	0	0	0	0
0.011003	0	0	0	0	0	0
0.006852	0	0	0	0	0	0
0.026077	0	0	0	0	0	0
0.031029	0	0	0	0	0	0
0.030031	0	0	0	0	0	0
0.17281	0	0	0	0	0	0
0.171204	0	0	0	0	0	0
0.080917	0	0	0	0	0	0
0.034612	0	0	0	0	0	0
0.058554	0	0	0	0	0	0
0.056731	0	0	0	0	0	0
0.037788	0	0	0	0	0	0
0.008158	0	0	0	0	0	0
0.007877	0.01	0	0	0	0	0
0.003984	0	0	0	0	0	0
0.863248	0	0	0	0	0	0
0.743136	0	0	0	0	0	0
0.818114	0	0	0	0	0	0
0.458713	0	0	0	0	0	0
0.57442	0.03	0	0	0	0	0
0.059542	0	0	0	0	0	0
0.060118	0	0	0	0	0	0
0.054907	0	0	0	0	0	0
0.227197	0	0	0	0	0	0
0.958522	0.75	0	0	0	0	0
0.055718	0	0	0	0	0	0
0.003543	0	0	0	0	0	0
0.00249	0	0	0	0	0	0
0.003893	0	0	0	0	0	0
0.003874	0	0	0	0	0	0
0.002938	0	0	0	0	0	0
0.003997	0	0	0	0	0	0
0.004994	0	0	0	0	0	0
0.002625	0	0	0	0	0	0
0.002803	0	0	0	0	0	0
0.000902	0	0	0	0	0	0
0.005356	0	0	0	0	0	0
0.004399	0	0	0	0	0	0
0.003712	0	0	0	0	0	0
0.001572	0	0	0	0	0	0
0.00469	0	0	0	0	0	0
0.006698	0	0	0	0	0	0
0.00877	0	0	0	0	0	0
0.002798	0	0	0	0	0	0
0.002236	0	0	0	0	0	0
0.00492	0	0	0	0	0	0

0.006692	0	0	0	0	0	0
0.003214	0	0	0	0	0	0
0.002732	0	0	0	0	0	0
0.002911	0	0	0	0	0	0
0.009705	0	0	0	0	0	0
0.004025	0	0	0	0	0	0
0.002051	0	0	0	0	0	0
0.016042	0	0	0	0	0	0
0.003541	0	0	0	0	0	0
0.004656	0	0	0	0	0	0
0.00789	0	0	0	0	0	0
0.016168	0	0	1	1	0	2
0.002762	0	0	0	0	0	0
0.003274	0	0	0	0	0	0
0.022199	0	0	0	0	0	0
0.113742	0	0	0	0	0	0
0.002527	0	0	0	0	0	0
0.00033	0	0	0	0	0	0
0.003016	0	0	0	0	0	0
0.001804	0	0	0	0	0	0
0.002662	0	0	0	0	0	0
0.001282	0	0	0	0	0	0
0.001387	0	0	0	0	0	0
0.048325	0	0	0	0	0	0
0.041719	0	0	0	0	0	0
0.041729	0	0	0	0	0	0
0.066426	0	0	0	0	0	0
0.055606	0	0	0	0	0	0
0.032633	0	0	0	0	0	0
0.043305	0	0	0	0	0	0
0.054869	0	0	0	0	0	0
0.134079	0	0	0	0	0	0
0.110815	0	0	0	0	0	0
0.057987	0	0	0	0	0	0
0.038612	0	0	0	0	0	0
0.048513	0	0	0	0	0	0
0.05086	0	0	0	0	0	0
0.046962	0	0	0	0	0	0
0.041277	0	0	0	0	0	0
0.040059	0	0	0	0	0	0
0.051165	0	0	0	0	0	0
0.053807	0	0	0	0	0	0
0.031722	0	0	0	0	0	0
0.048283	0	0	0	0	0	0
0.010512	0	0	0	0	0	0
0.010666	0	0	0	0	0	0
0.00627	0	0	0	0	0	0
0.005036	0	0	0	0	0	0
0.014409	0	0	0	0	0	0
0.01275	0	0	0	0	0	0

0.013147	0	0	0	0	0	0
0.019247	0	0	0	0	0	0
0.019506	0	0	0	0	0	0
0.010949	0	0	0	0	0	0
0.011189	0	0	0	0	0	0
0.0197	0	0	0	0	0	0
0.019957	0	0	0	0	0	0
0.010136	0	0	0	0	0	0
0.032924	0	0	0	0	0	0
0.01997	0	0	0	0	0	0
0.021087	0	0	0	0	0	0
0.004758	0	0	0	0	0	0
0.008077	0	0	0	0	0	0
0.002512	0	0	0	0	0	0
0.004928	0	0	0	0	0	0
0.038279	0	0	0	0	0	0
0.921936	0	0	0	0	0	0
0.23576	0	0	0	0	0	0
0.129292	0	0	0	0	0	0
0.008976	0	0	0	0	0	0
0.01597	0	0	0	0	0	0
0.006177	0	0	0	0	0	0
0.008594	0	0	0	0	0	0
0.055848	0	0	0	0	0	0
0.074768	0	0	0	0	0	0
0.055403	0	0	0	0	0	0
0.149844	0	0	0	0	0	0
0.048902	0	0	0	0	0	0
0.058581	0	0	0	0	0	0
0.07689	0	0	0	0	0	0
0.048783	0	0	0	0	0	0
0.052957	0	0	0	0	0	0
0.048056	0	0	0	0	0	0
0.064037	0	0	0	0	0	0
0.049968	0	0	0	0	0	0
0.046788	0	0	0	0	0	0
0.05033	0	0	0	0	0	0
0.065535	0	0	0	0	0	0
0.05576	0	0	0	0	0	0
0.042625	0	0	0	0	0	0
0.06147	0	0	0	0	0	0
0.04763	0	0	0	0	0	0
0.048194	0	0	0	0	0	0
0.04142	0	0	0	0	0	0
0.020018	0	0	0	0	0	0
0.030572	0	0	0	0	0	0
0.030292	0	0	0	0	0	0
0.0508	0	0	0	0	0	0
0.043839	0	0	0	0	0	0
0.051861	0	0	0	0	0	0

0.028486	0	0	0	0	0	0
0.032564	0	0	0	0	0	0
0.018951	0	0	0	0	0	0
0.026424	0	0	0	0	0	0
0.020967	0	0	0	0	0	0
0.014343	0	0	0	0	0	0
0.025557	0	0	0	0	0	0
0.02071	0	0	0	0	0	0
0.012313	0	0	0	0	0	0
0.028957	0	0	0	0	0	0
0.021662	0	0	0	0	0	0
0.011243	0	0	0	0	0	0
0.007339	0	0	0	0	0	0
0.009524	0	0	0	0	0	0
0.015489	0	0	0	0	0	0
0.009273	0	0	0	0	0	0
0.007238	0	0	0	0	0	0
0.001806	0	0	0	0	0	0
0.066761	0	0	0	0	0	0
0.06044	0	0	0	0	0	0
0.046758	0	0	0	0	0	0
0.131052	0	0	0	0	0	0
0.030366	0	0	0	0	0	0
0.024975	0	0	0	0	0	0
0.030453	0	0	0	0	0	0
0.027363	0	0	0	0	0	0
0.029504	0	0	0	0	0	0
0.126235	0	0	0	0	0	0
0.048153	0	0	0	0	0	0
0.031703	0	0	0	0	0	0
0.032861	0	0	0	0	0	0
0.026169	0	0	0	0	0	0
0.040392	0	0	0	0	0	0
0.030417	0	0	0	0	0	0
0.03923	0	0	0	0	0	0
0.032716	0	0	0	0	0	0
0.043035	0	0	0	0	0	0
0.017844	0	0	0	0	0	0
0.029562	0	0	0	0	0	0
0.028789	0	0	0	0	0	0
0.01432	0	0	0	0	0	0
0.012136	0	0	0	0	0	0
0.010641	0	0	0	0	0	0
0.06659	0	0	0	0	0	0
0.01259	0	0	0	0	0	0
0.032139	0	0	0	0	0	0
0.008301	0	0	0	0	0	0
0.006742	0	0	0	0	0	0
0.024683	0	0	0	0	0	0
0.037281	0	0	0	0	0	0

0.010852	0	0	0	0	0	0
0.013465	0	0	0	0	0	0
0.04157	0	0	0	0	0	0
0.058937	0	0	0	0	0	0
0.047605	0	0	0	0	0	0
0.041595	0	0	0	0	0	0
0.042187	0	0	0	0	0	0
0.0396	0	0	0	0	0	0
0.426442	0.08	0	0	0	0	0
0.110961	0	0	0	0	0	0
0.049628	0	0	0	0	0	0
0.059827	0	0	0	0	0	0
0.041855	0	0	0	0	0	0
0.067942	0	0	2	2	0	4
0.048078	0	0	0	0	0	0
0.052893	0	0	0	0	0	0
0.042955	0	0	0	0	0	0
0.038339	0	0	0	0	0	0
0.067888	0	0	0	0	0	0
0.048584	0	0	0	0	0	0
0.119214	0	0	0	0	0	0
0.044246	0	0	4	4	10	18
0.04926	0	10	0	0	0	10
0.07137	0	0	0	0	0	0
0.047704	0	0	0	0	0	0
0.069352	0	0	0	0	3	3
0.367534	0	3	14	9	0	26
0.042017	0	0	0	0	10	10
0.042723	0	10	4	4	11	29
0.063399	0	11	0	0	0	11
0.030702	0	0	0	0	0	0
0.027558	0	0	0	0	0	0
0.033356	0	0	0	0	0	0
0.032554	0	0	0	0	0	0
0.078989	0	0	0	0	0	0
0.029225	0	0	0	0	0	0
0.107446	0	0	0	0	0	0
0.026849	0	0	0	0	0	0
0.032581	0	0	0	0	0	0
0.040257	0	0	0	0	0	0
0.023294	0	0	0	0	0	0
0.025491	0	0	0	0	0	0
0.021179	0	0	0	0	0	0
0.04299	0	0	0	0	0	0
0.031652	0	0	0	0	0	0
0.042923	0	0	0	0	0	0
0.049872	0	0	0	0	0	0
0.019398	0	0	0	0	0	0
0.018954	0	0	0	0	0	0
0.01995	0	0	0	0	0	0

0.015522	0	0	0	0	0	0
0.024325	0	0	0	0	0	0
0.024985	0	0	0	0	0	0
0.015181	0	0	0	0	0	0
0.028631	0	0	0	0	0	0
0.016798	0	0	0	0	0	0
0.013299	0	0	0	0	0	0
0.009419	0	0	0	0	0	0
0.007262	0	0	0	0	0	0
0.017913	0	0	0	0	0	0
0.023587	0	0	0	0	0	0
0.024307	0	0	0	0	0	0
0.207932	0	0	0	0	0	0
0.029068	0	0	0	0	0	0
0.026633	0	0	0	0	0	0
0.128153	0	0	0	0	0	0
0.068586	0	0	0	0	0	0
0.007622	0	0	0	0	3	3
0.020608	0	3	0	0	4	7
0.0235	0	4	0	0	0	4
0.018992	0	0	0	0	0	0
0.059649	0	0	0	0	0	0
0.021891	0.01	0	0	0	0	0
0.08643	0	0	0	0	0	0
0.016374	0	0	0	0	0	0
0.059681	0	0	0	0	2	2
0.050439	0	2	0	0	0	2
0.04456	0	0	0	0	0	0
0.031889	0	0	0	0	0	0
0.032452	0	0	0	0	0	0
0.066535	0	0	0	0	0	0
0.038933	0	0	0	0	0	0
0.038758	0	0	0	0	0	0
0.018162	0	0	0	0	0	0
0.014733	0	0	0	0	0	0
0.019812	0	0	0	0	0	0
0.018819	0	0	0	0	0	0
0.017917	0	0	0	0	0	0
0.03791	0	0	0	0	0	0
0.012141	0	0	0	0	0	0
0.01253	0	0	0	0	0	0
0.0122	0	0	0	0	0	0
0.024145	0	0	0	0	0	0
0.008778	0	0	0	0	0	0
0.008664	0	0	0	0	0	0
0.015718	0	0	0	0	0	0
0.005233	0	0	0	0	0	0
0.027546	0	0	0	0	0	0
0.012804	0	0	0	0	0	0
0.049101	0	0	0	0	0	0



0.009665	0	0	0	0	0	0
0.014809	0.01	0	0	0	0	0
0.012487	0	0	0	0	0	0
0.039162	0	0	0	0	0	0
0.041534	0	0	0	0	0	0
0.040352	0	0	0	0	0	0
0.027271	0	0	0	0	0	0
0.02483	0	0	0	0	0	0
0.019929	0	0	0	0	0	0
0.06314	0	0	0	0	0	0
0.017378	0	0	0	0	0	0
0.004731	0	0	0	0	0	0
0.010023	0	0	0	0	0	0
0.005249	0	0	0	0	0	0
0.00409	0	0	0	0	0	0
0.007482	0	0	0	0	0	0
0.036438	0	0	0	0	0	0
0.006272	0	0	0	0	0	0
0.004476	0	0	0	0	0	0
0.020729	0	0	0	0	0	0
0.009798	0	0	0	0	0	0
0.017933	0	0	0	0	0	0
0.014492	0.01	0	0	0	0	0
0.015999	0	0	0	0	0	0
0.009741	0	0	0	0	0	0
0.008405	0	0	0	0	0	0
0.002226	0	0	0	0	3	3
0.003857	0	3	0	0	3	6
0.016483	0	3	0	0	0	3
0.039051	0.06	0	9	9	11	29
0.041275	0.03	11	0	0	0	11
0.01055	0	0	0	0	0	0
0.006498	0	0	0	0	0	0
0.004319	0	0	0	0	0	0
0.021628	0	0	0	0	0	0
0.010183	0	0	0	0	0	0
0.038746	0	0	0	0	0	0
0.011036	0	0	0	0	0	0
0.00565	0	0	0	0	0	0
0.00573	0	0	0	0	0	0
0.018714	0	0	0	0	0	0
0.089595	0	0	0	0	0	0
0.046096	0	0	0	0	0	0
0.154522	0.01	0	0	0	0	0
0.061697	0	0	0	0	0	0
0.016212	0	0	2	0	0	2
0.005267	0	0	0	0	0	0
0.042902	0	0	0	0	0	0
0.005859	0	0	0	0	0	0
0.015356	0	0	0	0	0	0

0.00421	0	0	0	0	0	0
0.006804	0	0	0	0	0	0
0.006524	0	0	0	0	0	0
0.002841	0	0	0	0	0	0
0.003065	0	0	0	0	0	0
0.002825	0	0	0	0	0	0
0.013677	0	0	0	0	0	0
0.002962	0	0	0	0	0	0
0.002003	0	0	0	0	0	0
0.005011	0	0	0	0	0	0
0.00294	0	0	0	0	0	0
0.002322	0	0	0	0	0	0
0.002759	0	0	0	0	0	0
0.01069	0	0	0	0	0	0
0.005382	0	0	0	0	0	0
0.008041	0	0	0	0	0	0
0.008826	0	0	0	0	0	0
0.007448	0	0	0	0	0	0
0.008226	0	0	0	0	0	0
0.014041	0	0	0	0	0	0
0.014219	0	0	0	0	0	0
0.009059	0	0	0	0	0	0
0.024938	0	0	0	0	0	0
0.017744	0	0	0	0	0	0
0.018869	0	0	0	0	0	0
0.008881	0	0	0	0	0	0
0.044941	0	0	0	0	0	0
0.001623	0	0	0	0	0	0
0.000642	0	0	0	0	0	0
0.001281	0	0	0	0	0	0
0.001158	0	0	0	0	0	0
0.000713	0	0	0	0	0	0
0.00221	0	0	0	0	0	0
0.001281	0	0	0	0	0	0
0.007327	0	0	0	0	0	0
0.005338	0	0	0	0	0	0
0.001694	0	0	0	0	0	0
0.00141	0	0	0	0	0	0
0.001283	0	0	0	0	18	18
0.000984	0	18	0	0	15	33
0.003241	0	15	0	0	0	15
0.001193	0	0	0	0	0	0
0.091142	0	0	0	0	0	0
0.008261	0	0	0	0	0	0
0.005136	0	0	0	0	0	0
0.008884	0	0	0	0	0	0
0.005905	0	0	0	0	0	0
0.009182	0	0	0	0	0	0
0.006968	0	0	0	0	0	0
0.004254	0	0	0	0	0	0

0.006823	0	0	0	0	0	0
0.060996	0	0	0	0	0	0
0.021903	0	0	0	0	0	0
0.018216	0	0	0	0	0	0
0.028006	0	0	0	0	0	0
0.0145	0	0	0	0	0	0
0.017215	0	0	0	0	0	0
0.023201	0	0	0	0	0	0
0.019339	0	0	0	0	0	0
0.003681	0	0	0	0	0	0
0.002742	0	0	0	0	0	0
0.003293	0	0	0	0	0	0
0.005906	0	0	0	0	0	0
0.004119	0	0	0	0	0	0
0.005108	0	0	0	0	0	0
0.003343	0	0	0	0	0	0
0.003748	0	0	0	0	0	0
0.006724	0	0	0	0	0	0
0.003329	0	0	0	0	0	0
0.003739	0	0	0	0	0	0
0.004029	0	0	0	0	0	0
0.000368	0	0	0	0	0	0
0.009274	0	0	0	0	0	0
0.003154	0	0	0	0	2	2
0.001367	0	2	0	0	0	2
0.003507	0	0	0	0	0	0
0.001637	0	0	0	0	0	0
0.001748	0	0	0	0	0	0
0.000517	0	0	0	0	0	0
0.003487	0	0	0	0	0	0
0.006247	0	0	0	0	0	0
0.009276	0	0	0	0	0	0
0.0119	0	0	0	0	0	0
0.01021	0	0	0	0	0	0
0.004935	0	0	0	0	0	0
0.005349	0	0	0	0	0	0
0.007337	0	0	0	0	0	0
0.069482	0	0	0	0	0	0
0.020392	0	0	0	0	0	0
0.008519	0	0	0	0	0	0
0.005637	0	0	0	0	0	0
0.015133	0	0	0	0	0	0
0.015039	0	0	0	0	0	0
0.010771	0	0	0	0	0	0
0.014805	0	0	0	0	0	0
0.034142	0	0	0	0	0	0
0.013905	0	0	0	0	0	0
0.010687	0	0	0	0	0	0
0.024695	0	0	0	0	0	0
0.010432	0	0	0	0	0	0

0.011651	0	0	0	0	0	0
0.012351	0	0	0	0	0	0
0.014272	0	0	0	0	0	0
0.009524	0	0	0	0	0	0
0.001315	0	0	0	0	0	0
0.004799	0	0	0	0	0	0
0.004731	0	0	0	0	0	0
0.001853	0	0	0	0	0	0
0.002258	0	0	0	0	0	0
0.248566	0.03	0	0	0	0	0
0.018887	0	0	0	0	0	0
0.006271	0	0	0	0	0	0
0.021596	0	0	0	0	0	0
0.015448	0	0	0	0	0	0
0.050261	0	0	0	0	0	0
0.003737	0	0	0	0	0	0
0.010651	0	0	0	0	0	0
0.000502	0	0	0	0	0	0
0.002472	0	0	0	0	0	0
0.001898	0	0	0	0	0	0
0.001479	0	0	0	0	0	0
0.003418	0	0	0	0	0	0
0.002006	0	0	0	0	0	0
0.00092	0	0	0	0	0	0
0.013147	0	0	0	0	0	0
0.008599	0	0	0	0	0	0
0.019834	0	0	0	0	0	0
0.012687	0	0	0	0	0	0
0.014974	0	0	0	0	0	0
0.019833	0	0	0	0	0	0
0.015354	0	0	0	0	0	0
0.036413	0	0	0	0	0	0
0.018968	0	0	0	0	0	0
0.023223	0	0	0	0	0	0
0.028798	0	0	0	0	0	0
0.013308	0	0	0	0	0	0
0.012923	0	0	0	0	0	0
0.021703	0	0	0	0	0	0
0.015574	0	0	0	0	0	0
0.025583	0	0	0	0	0	0
0.007886	0	0	0	0	0	0
0.001029	0	0	0	0	0	0
0.004999	0	0	0	0	0	0
0.00319	0	0	0	0	0	0
0.013331	0	0	0	0	0	0
0.001291	0	0	0	0	0	0
0.002757	0	0	0	0	0	0
0.018377	0	0	0	0	0	0
0.010562	0	0	0	0	0	0
0.014922	0	0	0	0	0	0

0.015099	0	0	0	0	0	0
0.010492	0	0	0	0	0	0
0.009191	0	0	0	0	0	0
0.039397	0	0	0	0	0	0
0.012955	0	0	0	0	0	0
0.010721	0	0	0	0	0	0
0.008354	0	0	0	0	0	0
0.006159	0	0	0	0	0	0
0.042081	0	0	0	0	0	0
0.010386	0	0	0	0	0	0
0.009151	0	0	0	0	0	0
0.008053	0	0	0	0	0	0
0.005543	0	0	0	0	0	0
0.028707	0	0	0	0	0	0
0.004622	0	0	0	0	0	0
0.006148	0	0	0	0	0	0
0.057928	0	0	0	0	0	0
0.003246	0	0	0	0	0	0
0.005538	0	0	0	0	0	0
0.035122	0	0	0	0	0	0
0.009525	0	0	0	0	0	0
0.007883	0	0	0	0	0	0
0.012843	0	0	0	0	0	0
0.043213	0	0	0	0	0	0
0.020075	0	0	0	0	0	0
0.0372	0	0	0	0	0	0
0.019781	0	0	0	0	0	0
0.011749	0	0	0	0	0	0
0.017236	0	0	0	0	0	0
0.022251	0	0	0	0	0	0
0.012374	0	0	0	0	0	0
0.011914	0	0	0	0	0	0
0.013537	0	0	0	0	0	0
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0.02612	0	0	0	0	0	0
0.038026	0	0	0	0	0	0
0.014905	0	0	0	0	0	0
0.010354	0	0	0	0	0	0
0.006826	0	0	0	0	0	0
0.029697	0	0	0	0	0	0
0.006847	0	0	0	0	0	0
0.022223	0	0	0	0	0	0
0.029455	0	0	0	0	0	0
0.107413	0	0	0	0	0	0
0.025073	0	0	0	0	0	0
0.02603	0	0	0	0	0	0
0.042099	0	0	0	0	0	0
0.018412	0	0	0	0	0	0
0.003629	0	0	0	0	0	0
0.001706	0	0	0	0	0	0

0.002212	0	0	0	0	0	0
0.010932	0	0	0	0	0	0
0.062052	0	0	0	0	0	0
0.004709	0	0	0	0	0	0
0.040487	0	0	0	0	0	0
0.179983	0	0	0	0	0	0
0.042893	0	0	0	0	0	0
0.332303	0	0	0	0	0	0
0.002466	0	0	0	0	0	0
0.000697	0	0	0	0	0	0
0.01495	0	0	0	0	0	0
0.011468	0	0	0	0	0	0
0.028601	0	8	0	0	0	8
0.059512	0	0	1	1	0	2
0.065136	0	0	0	0	0	0
0.084235	0	0	0	0	0	0
0.24163	0	0	0	0	0	0
0.465158	0	0	7	7	0	14
0.061835	0	0	0	0	0	0
0.007985	0	0	0	0	0	0
0.020303	0	0	0	0	8	8
0.019632	0	0	0	0	0	0
0.008297	0	0	0	0	0	0
0.01182	0	0	0	0	0	0
0.01004	0	0	0	0	0	0
0.029553	0	0	0	0	0	0
0.055697	0	0	0	0	0	0
0.080218	0	0	0	0	0	0
0.078087	0	0	0	0	0	0
0.050205	0	0	0	0	8	8
0.072076	0	8	5	7	0	20
0.025147	0	0	0	0	0	0
0.107095	0	0	0	0	0	0
0.064283	0	0	0	0	0	0
0.066841	0	0	0	0	0	0
0.115386	0	0	0	0	0	0
0.168632	0	0	0	0	0	0
0.022568	0	0	0	0	0	0
0.026583	0	0	0	0	0	0
0.139065	0	0	0	0	0	0
0.050931	0	0	0	0	0	0
0.024237	0	0	0	0	0	0
0.018245	0	0	0	0	0	0
0.078782	0	0	0	0	0	0
0.013831	0	0	0	0	0	0
0.25631	0	0	0	0	0	0
0.133021	0	0	0	0	0	0
0.026848	0	0	0	0	0	0
0.045217	0	0	0	0	0	0
0.04417	0	0	0	0	0	0

0.042252	0	0	0	0	0	0
0.026565	0	0	0	0	0	0
0.029688	0	0	0	0	0	0
0.055778	0	0	0	0	0	0
0.02133	0	0	0	0	0	0
0.023439	0	0	0	0	0	0
0.044621	0	0	0	0	0	0
0.057901	0	0	0	0	0	0
0.033106	0	0	0	0	0	0
0.10384	0	0	0	0	0	0
0.094744	0	0	0	0	0	0
0.003369	0	0	0	0	0	0
0.000957	0	0	0	0	0	0
0.033007	0	0	0	0	0	0
0.044462	0	0	0	0	0	0
0.058634	0	0	0	0	0	0
0.044753	0	0	0	0	0	0
0.090232	0	0	0	0	0	0
0.065981	0	0	0	0	0	0
0.044536	0	0	0	0	0	0
0.071514	0	0	0	0	0	0
0.054001	0	0	0	0	0	0
0.066806	0	0	0	0	0	0
0.057957	0	0	0	0	0	0
0.05534	0	0	0	0	0	0
0.030442	0	0	0	0	0	0
0.041667	0	0	0	0	0	0
0.018234	0	0	0	0	0	0
0.010927	0	0	0	0	0	0
0.029922	0	0	0	0	0	0
0.046453	0	0	0	0	0	0
0.024757	0	0	0	0	0	0
0.06722	0	0	0	0	0	0
0.033769	0	0	0	0	0	0
0.071664	0	0	0	0	0	0
0.063437	0	0	0	0	0	0
0.158434	0	0	0	0	0	0
0.470545	0	0	0	0	0	0
0.015334	0	0	0	0	0	0
0.016524	0	0	0	0	0	0
0.011618	0	0	0	0	0	0
0.024951	0	0	0	0	0	0
0.005703	0	0	0	0	0	0
0.005974	0	0	0	0	0	0
0.00605	0	0	0	0	0	0
0.00824	0	0	0	0	0	0
0.009417	0	0	0	0	0	0
0.00784	0	0	0	0	0	0
0.003874	0	0	0	0	0	0
0.00382	0	0	0	0	0	0

0.012068	0	0	0	0	0	0
0.005385	0	0	0	0	0	0
0.007379	0	0	0	0	0	0
0.020188	0	0	0	0	0	0
0.014766	0	0	0	0	0	0
0.009652	0	0	0	0	0	0
0.02053	0	0	0	0	0	0
0.062584	0	0	0	0	0	0
0.0094	0	0	0	0	0	0
0.045201	0	0	0	0	0	0
0.041837	0	0	0	0	0	0
0.00289	0	0	0	0	0	0
0.002831	0	0	0	0	0	0
0.008296	0	0	0	0	0	0
0.00437	0	0	0	0	0	0
0.002325	0	0	0	0	0	0
0.002915	0	0	0	0	0	0
0.016951	0	0	0	0	0	0
0.011393	0	0	0	0	0	0
0.004799	0	0	0	0	0	0
0.001295	0	0	0	0	0	0
0.001734	0	0	0	0	0	0
0.002273	0	0	0	0	0	0
0.007847	0	0	0	0	0	0
0.046355	0	0	0	0	0	0
0.478632	0	0	0	0	0	0
0.009496	0	0	0	0	0	0
0.028888	0	0	0	0	0	0
0.027754	0	0	0	0	0	0
0.006625	0	0	0	0	0	0
0.00354	0	0	0	0	0	0
0.004027	0	0	0	0	0	0
0.00706	0	0	0	0	0	0
0.010216	0	0	0	0	0	0
0.065934	0	0	0	0	0	0
0.063307	0	0	0	0	0	0
0.050479	0	0	0	0	0	0
0.055436	0	0	0	0	0	0
0.027469	0	0	0	0	0	0
0.578765	0	0	0	0	0	0
0.585615	0	0	48	71	6	125
0.250331	0.11	6	51	41	0	98
0.044419	0	9	0	0	0	9
0.005555	0	0	0	0	0	0
0.010418	0	0	0	8	0	8
0.043296	0	0	16	0	0	16
0.001002	0	0	2	0	7	9
0.004125	0	7	0	0	25	32
0.006926	0	25	32	53	8	118
0.012359	0	8	40	0	0	48



0.000555	0	0	0	0	0	0
0.075029	0	0	1	11	0	12
0.140204	0.04	0	0	0	0	0
0.030639	0	0	0	0	9	9
0.121322	0.14	0	0	0	0	0
0.000005	0	0	0	0	0	0
0.000012	0	0	0	0	0	0
0.010425	0	0	0	0	0	0
0.003525	0	0	0	0	0	0
0.008488	0	0	0	0	0	0
0.00716	0	0	0	0	0	0
0.011135	0.02	0	0	0	0	0
0.007962	0.01	0	0	0	0	0
0.003786	0	0	0	0	0	0
0.004494	0	0	0	0	0	0
0.006764	0	0	0	0	0	0
0.00354	0	0	0	0	0	0
0.13958	0	0	0	0	0	0
0.079353	0	0	0	0	0	0
0.055251	0	0	0	0	0	0
0.042876	0	0	0	0	0	0
0.085109	0	0	0	0	0	0
0.01843	0	0	0	0	0	0
0.032711	0	0	0	0	0	0
0.068313	0	0	0	0	0	0
0.023909	0	0	0	0	0	0
0.017425	0	0	0	0	0	0
0.024759	0	0	0	0	0	0
0.029817	0	0	0	0	0	0
0.025463	0	0	0	0	0	0
0.025084	0	0	0	0	0	0
0.072903	0	0	0	0	0	0
0.052656	0	0	0	0	0	0
0.054161	0	0	0	0	0	0
0.063842	0	0	0	0	0	0
0.012088	0	0	0	0	0	0
0.092006	0	0	0	0	0	0
0.019942	0	0	0	0	0	0
0.026477	0	0	0	0	0	0
0.046357	0	0	0	0	0	0
0.045704	0	0	0	0	0	0
0.034368	0	0	0	0	0	0
0.020096	0	0	0	0	0	0
0.018561	0	0	0	0	0	0
0.029557	0	0	0	0	0	0
0.024339	0	0	0	0	0	0
0.032753	0	0	0	0	0	0
0.068746	0	0	0	0	0	0
0.026807	0	0	0	0	0	0
0.025984	0	0	0	0	0	0

0.018705	0	0	0	0	0	0
0.959573	0	0	0	0	0	0
0.002638	0	0	0	0	0	0
0.003372	0	0	0	0	0	0
0.005942	0	0	0	0	0	0
0.045222	0	0	0	0	0	0
0.008362	0	0	0	0	0	0
0.023601	0	0	0	0	0	0
0.039258	0	0	0	0	0	0
0.005929	0	0	0	0	0	0
0.017504	0	0	0	0	15	15
0.020499	0	0	0	0	0	0
0.025684	0	0	0	0	0	0
0.048583	0	0	0	0	0	0
0.091037	0.01	0	0	0	0	0
0.054982	0.01	0	0	0	7	7
0.01006	0	7	0	0	0	7
0.400195	0.02	0	0	0	0	0
0.029017	0	0	0	0	0	0
0.013468	0	0	0	0	0	0
0.006384	0	0	0	0	0	0
0.006967	0	0	0	0	0	0
0.009635	0	0	0	0	0	0
0.012416	0	0	0	0	0	0
0.011967	0	0	0	0	0	0
0.010036	0	0	0	0	0	0
0.011196	0	0	0	0	0	0
0.020278	0	0	0	0	0	0
0.038186	0	0	0	0	0	0
0.015924	0	0	0	0	0	0
0.042937	0	0	0	0	0	0
0.047034	0	0	0	0	0	0
0.045336	0	0	0	0	0	0
0.10291	0	0	0	0	0	0
0.027311	0	0	0	0	0	0
0.040239	0	0	0	0	0	0
0.994707	0	0	0	0	0	0
0.024069	0	0	0	0	0	0
0.051933	0	0	0	0	0	0
0.027925	0	0	0	0	0	0
0.027578	0	0	0	0	0	0
0.021188	0	0	0	0	0	0
0.057101	0	0	0	0	0	0
0.045589	0	0	0	0	0	0
0.022593	0	0	0	0	0	0
0.064998	0	0	0	0	0	0
0.179876	0	0	0	0	0	0
0.140895	0	0	0	0	0	0
0.027222	0	0	0	0	0	0
0.033423	0	0	0	0	0	0

0.014835	0	0	0	0	0	0
0.089959	0	0	0	0	0	0
0.050245	0	0	0	0	0	0
0.212489	0	0	0	0	0	0
0.037937	0	0	0	0	0	0
0.03553	0	0	0	0	0	0
0.213498	0	0	0	0	0	0
0.031435	0	0	0	0	0	0
0.038674	0	0	0	0	0	0
0.017438	0	0	0	0	0	0
0.013734	0	0	0	0	0	0
0.005722	0	0	0	0	0	0
0.008391	0	0	0	0	1	1
0.002197	0	1	0	0	0	1
0.007014	0	0	0	0	0	0
0.001513	0	0	0	0	0	0
0.007682	0	0	0	0	0	0
0.002439	0	0	0	0	0	0
0.001405	0	0	0	0	0	0
0.004697	0	0	0	0	0	0
0.001586	0	0	0	0	0	0
0.001576	0	0	0	0	0	0
0.001655	0	0	0	0	0	0
0.002983	0	0	0	0	0	0
0.001208	0	0	0	0	0	0
0.00124	0	0	0	0	0	0
0.001742	0	0	0	0	0	0
0.083926	0	0	0	0	0	0
0.035065	0	0	0	0	0	0
0.035773	0	0	0	0	0	0
0.276587	0	0	0	0	0	0
0.060041	0	0	0	0	0	0
0.095351	0	0	0	0	0	0
0.040836	0	0	0	0	0	0
0.204011	0	0	0	0	0	0
0.166108	0	0	0	0	0	0
0.069683	0	0	0	0	0	0
0.075082	0	0	0	0	0	0
0.020623	0	0	0	0	0	0
0.0196	0	0	0	0	0	0
0.016592	0	0	0	0	0	0
0.039415	0	0	0	0	0	0
0.055433	0	0	0	0	0	0
0.039886	0	0	0	0	0	0
0.139907	0	0	0	0	0	0
0.060604	0	0	0	0	0	0
0.019451	0	0	0	0	0	0
0.024459	0	0	0	0	0	0
0.020319	0	0	0	0	0	0
0.021497	0	0	0	0	0	0

0.003161	0	3	0	0	0	3
0.005864	0	0	0	0	1	1
0.001048	0	1	0	0	0	1
0.049727	0	0	0	0	0	0
0.007315	0	0	0	0	0	0
0.006855	0	0	0	0	0	0
0.003594	0.07	0	0	0	0	0
0.0243	0	0	0	0	0	0
0.01639	0	0	0	0	0	0
0.027643	0	0	0	0	0	0
0.021874	0	0	0	0	0	0
0.025416	0	0	0	0	0	0
0.032926	0	0	0	0	0	0
0.082457	0	0	0	0	0	0
0.112897	0	0	0	0	0	0
0.019087	0	0	0	0	0	0
0.04219	0	0	0	0	0	0
0.034779	0.03	0	0	0	0	0
0.039246	0	0	0	0	0	0
0.007744	0.01	0	0	0	0	0
0.004637	0	0	0	0	0	0
0.008029	0	0	0	0	0	0
0.009864	0	0	0	0	0	0
0.009167	0	0	0	0	0	0
0.016427	0	0	0	0	0	0
0.013462	0	0	0	0	0	0
0.01907	0	0	0	0	0	0
0.017371	0	0	0	0	0	0
0.043271	0	0	0	0	0	0
0.026756	0	0	0	0	0	0
0.002325	0	0	0	0	0	0
0.008064	0	0	0	0	0	0
0.001228	0	0	0	0	0	0
0.008945	0	0	0	0	0	0
0.003422	0	0	0	0	0	0
0.003122	0	0	0	0	0	0
0.005153	0	0	0	0	0	0
0.002529	0	0	0	0	0	0
0.003323	0	0	0	0	0	0
0.001292	0	0	0	0	0	0
0.001797	0	0	0	0	0	0
0.001611	0	0	0	0	0	0
0.00291	0	0	0	0	0	0
0.053863	0	0	0	0	0	0
0.027565	0	0	0	0	0	0
0.02904	0	0	0	0	0	0
0.036583	0	0	0	0	0	0
0.038982	0	0	0	0	0	0
0.023397	0	0	0	0	0	0
0.049501	0	0	0	0	0	0

0.035756	0	0	0	0	0	0
0.018001	0	0	0	0	0	0
0.058759	0	0	0	0	0	0
0.039861	0	0	0	0	0	0
0.026636	0	0	0	0	0	0
0.01545	0	0	0	0	0	0
0.05039	0	0	0	0	0	0
0.03635	0	0	0	0	0	0
0.051862	0	0	0	0	0	0
0.024628	0	0	0	0	0	0
0.07745	0	0	0	0	0	0
0.058048	0	0	0	0	0	0
0.058646	0	0	0	0	0	0
0.007434	0	0	2	0	0	2
0.017409	0	0	0	0	0	0
0.0172	0	0	0	0	0	0
0.010083	0	0	0	0	0	0
0.010743	0	0	0	0	0	0
0.017624	0	0	0	0	0	0
0.012665	0	0	0	0	0	0
0.012466	0	0	0	0	0	0
0.006165	0	0	0	0	0	0
0.007013	0	0	0	0	0	0
0.00431	0	0	0	0	0	0
0.002207	0	0	0	0	0	0
0.009226	0	0	0	0	0	0
0.004979	0	0	0	0	0	0
0.001976	0	0	0	0	0	0
0.002986	0	0	0	0	0	0
0.002281	0	0	0	0	0	0
0.002633	0	0	0	0	0	0
0.018526	0	0	0	0	0	0
0.021081	0	0	0	0	0	0
0.021311	0	0	0	0	0	0
0.012997	0	0	0	0	0	0
0.015978	0	0	0	0	0	0
0.045764	0	0	0	0	0	0
0.026628	0	0	0	0	0	0
0.016701	0	0	0	0	0	0
0.07062	0	0	0	0	0	0
0.033273	0	0	0	0	0	0
0.03981	0	0	0	0	0	0
0.031332	0	0	0	0	0	0
0.026218	0	0	0	0	0	0
0.050338	0	0	0	0	0	0
0.049493	0	0	0	0	0	0
0.097785	0	0	0	0	0	0
0.018918	0	0	0	0	0	0
0.04847	0	0	0	0	0	0
0.047899	0	0	0	0	0	0

0.14087	0	0	0	0	0	0
0.084491	0	0	0	0	0	0
0.033608	0	0	0	0	0	0
0.018923	0	0	0	0	0	0
0.021837	0	0	0	0	0	0
0.113784	0	0	0	0	0	0
0.026742	0	0	0	0	0	0
0.034284	0	0	0	0	0	0
0.052336	0	0	0	0	0	0
0.037972	0	0	0	0	0	0
0.049872	0	0	0	0	0	0
0.026103	0	0	0	0	0	0
0.02204	0	0	0	0	0	0
0.025067	0	0	4	0	0	4
0.059645	0	0	0	0	0	0
0.020533	0	0	0	0	0	0
0.064528	0	0	0	0	0	0
0.011126	0	0	0	0	0	0
0.014005	0	0	0	0	0	0
0.007245	0	0	0	0	0	0
0.00577	0	0	0	0	0	0
0.082754	0	0	0	0	0	0
0.019577	0	0	0	0	0	0
0.018149	0	0	0	0	0	0
0.020286	0	0	0	0	0	0
0.027025	0	0	0	0	0	0
0.015465	0	0	0	0	0	0
0.043362	0	0	0	0	0	0
0.022348	0	0	0	0	0	0
0.016068	0	0	0	0	0	0
0.104382	0	0	0	0	0	0
0.162534	0	0	0	0	0	0
0.187935	0	0	0	0	0	0
0.380499	0	0	0	0	0	0
0.043446	0	0	0	0	0	0
0.050321	0	0	0	0	0	0
0.052997	0	0	0	0	0	0
0.078802	0	0	0	0	0	0
0.068417	0	0	0	0	0	0
0.059302	0	0	0	0	0	0
0.029295	0	0	0	0	0	0
0.052768	0	0	0	0	0	0
0.007185	0	0	0	0	0	0
0.011618	0	0	0	0	0	0
0.004453	0	0	0	0	0	0
0.00432	0	0	0	0	0	0
0.004183	0	0	0	0	0	0
0.004822	0	0	0	0	0	0
0.006639	0	0	0	0	0	0
0.005184	0	0	0	0	0	0

0.011296	0	0	0	0	0	0
0.003099	0	0	0	0	0	0
0.011498	0	0	0	0	0	0
0.002755	0	0	0	0	0	0
0.00268	0	0	0	0	0	0
0.002868	0	0	0	0	0	0
0.007359	0	0	0	0	0	0
0.004618	0	0	0	0	0	0
0.00575	0	0	0	0	0	0
0.008784	0	0	0	0	0	0
0.007806	0	0	0	0	0	0
0.005899	0	0	0	0	0	0
0.008314	0	0	0	0	0	0
0.005369	0	0	0	0	0	0
0.010801	0	0	0	0	0	0
0.012348	0	0	0	0	0	0
0.010796	0	0	0	0	0	0
0.013724	0	0	0	0	0	0
0.019817	0	0	0	0	0	0
0.007661	0	0	0	0	0	0
0.023284	0	0	0	0	0	0
0.025444	0	0	0	0	0	0
0.050524	0	0	0	0	0	0
0.043519	0	0	0	0	0	0
0.033293	0	0	0	0	0	0
0.015702	0	0	0	0	0	0
0.302233	0.02	0	0	0	0	0
0.054769	0	0	0	0	0	0
0.208639	0	0	0	0	0	0
0.236643	0	0	0	0	0	0
0.107655	0	0	0	0	0	0
0.145857	0	0	0	0	0	0
0.067414	0	0	0	0	0	0
0.039261	0	0	0	0	0	0
0.072375	0	0	0	0	0	0
0.055802	0	0	0	0	0	0
0.034854	0	0	0	0	0	0
0.048591	0	0	0	0	0	0
0.071712	0	0	0	0	0	0
0.059226	0	0	0	0	0	0
0.101123	0	0	0	0	0	0
0.25735	0	0	0	0	0	0
0.026506	0	0	0	0	0	0
0.011396	0	0	0	0	0	0
0.008672	0	0	0	0	0	0
0.01544	0	0	0	0	0	0
0.006093	0	0	0	0	0	0
0.004287	0	0	0	0	0	0
0.058906	0	0	0	0	0	0
0.012267	0	0	0	0	0	0

0.017876	0	0	0	0	0	0
0.052904	0	0	0	0	0	0
0.007771	0	0	0	0	0	0
0.036231	0	0	0	2	0	2
0.034045	0	0	0	0	0	0
0.037114	0	0	0	0	0	0
0.008008	0	0	0	0	0	0
0.005167	0	0	0	0	0	0
0.008241	0	0	0	0	0	0
0.011281	0	0	0	0	0	0
0.013836	0	0	0	0	0	0
0.012762	0	0	0	0	0	0
0.031119	0	0	0	0	0	0
0.156353	0	0	0	0	0	0
0.028946	0	0	0	0	0	0
0.054548	0	0	0	0	0	0
0.047313	0	0	0	0	0	0
0.129421	0	0	0	0	0	0
0.123626	0	0	0	0	0	0
0.072469	0	0	0	0	0	0
0.004819	0	0	0	0	0	0
0.003063	0	0	0	0	0	0
0.011336	0	0	0	0	0	0
0.036207	0	0	0	0	0	0
0.067108	0	0	0	0	0	0
0.035589	0	0	0	0	0	0
0.01967	0	0	0	0	0	0
0.024079	0	0	0	0	0	0
0.03963	0	0	0	0	0	0
0.043021	0	0	0	0	0	0
0.03921	0	0	0	0	0	0
0.026853	0	0	0	0	0	0
0.044687	0	0	0	0	0	0
0.031023	0	0	0	0	0	0
0.026678	0	0	0	0	0	0
0.631355	0.02	0	0	0	0	0
0.007811	0	0	0	0	0	0
0.002473	0	0	0	0	0	0
0.003937	0	0	0	0	0	0
0.056787	0.03	0	0	0	0	0
0.123301	0	0	0	0	0	0
0.037915	0	0	0	0	0	0
0.013221	0	0	0	0	0	0
0.010962	0	0	0	0	0	0
0.008578	0	0	0	0	0	0
0.009735	0	0	0	0	0	0
0.010703	0	0	0	0	0	0
0.011921	0	0	0	0	0	0
0.041527	0	0	0	0	0	0
0.017551	0	0	0	0	0	0



0.05004	0	0	0	0	0	0
0.033178	0	0	0	0	0	0
0.023015	0	0	0	0	0	0
0.044633	0	0	0	0	0	0
0.068661	0	0	0	0	0	0
0.023428	0	0	0	0	0	0
0.047337	0	0	0	0	0	0
0.016739	0	0	0	0	0	0
0.021489	0	0	0	0	0	0
0.067374	0	0	0	0	0	0
0.011202	0	0	0	0	0	0
0.037855	0	0	0	0	0	0
0.004915	0	0	0	0	0	0
0.018388	0	0	0	0	0	0
0.009093	0	0	0	0	0	0
0.006393	0	0	0	0	0	0
0.014037	0	0	0	0	0	0
0.009838	0	0	0	0	0	0
0.381728	0.16	0	0	0	0	0
0.078987	0	0	0	0	0	0
0.042388	0	0	0	0	0	0
0.046557	0	0	0	0	0	0
0.048684	0	0	0	0	0	0
0.090188	0	0	0	0	0	0
0.031186	0	0	0	0	0	0
0.052887	0	0	0	0	0	0
0.042118	0	0	0	0	0	0
0.034676	0	0	0	0	0	0
0.010939	0	0	0	0	0	0
0.125651	0	0	0	0	0	0
0.039895	0	0	0	0	0	0
0.023696	0	0	0	0	0	0
0.055001	0	0	0	0	0	0
0.034313	0	0	0	0	0	0
0.05655	0	0	0	0	0	0
0.028657	0	0	0	0	0	0
0.03227	0	0	0	0	0	0
0.027972	0	0	0	0	0	0
0.02327	0	0	0	0	0	0
0.038456	0	0	0	0	0	0
0.034597	0	0	0	0	0	0
0.026203	0	0	0	0	0	0
0.022933	0	0	0	0	0	0
0.016859	0	0	0	0	0	0
0.02154	0	0	0	0	0	0
0.027095	0	0	0	0	0	0
0.01645	0	0	0	0	0	0
0.024949	0	0	0	0	0	0
0.043528	0	0	0	0	0	0
0.039874	0	0	0	0	0	0

0.031048	0	0	0	0	0	0
0.219527	0	0	0	0	0	0
0.09543	0	0	0	0	0	0
0.040338	0	0	0	0	0	0
0.027925	0	0	0	0	0	0
0.027957	0	0	0	0	0	0
0.037937	0	0	0	0	0	0
0.040304	0	0	0	0	0	0
0.030514	0	0	0	0	0	0
0.046625	0	0	0	0	0	0
0.034841	0	0	0	0	0	0
0.043698	0	0	0	0	0	0
0.01041	0	0	0	0	0	0
0.010137	0	0	0	0	1	1
0.016166	0	1	0	0	0	1
0.007424	0	0	0	0	0	0
0.013934	0	0	0	0	0	0
0.012503	0	0	0	0	0	0
0.008117	0	0	0	0	0	0
0.009219	0	0	0	0	0	0
0.006268	0	0	0	0	0	0
0.004913	0	0	0	0	0	0
0.004573	0	0	0	0	0	0
0.006038	0	0	0	0	0	0
0.006406	0	0	0	0	0	0
0.007966	0	0	0	0	0	0
0.004407	0	0	0	0	0	0
0.004	0	0	0	0	0	0
0.009117	0	0	0	0	0	0
0.006768	0	0	0	0	0	0
0.032938	0	0	0	0	0	0
0.019553	0	0	0	0	0	0
0.015012	0	0	0	0	0	0
0.002026	0	0	0	0	0	0
0.00295	0	0	0	0	0	0
0.016944	0	0	0	0	0	0
0.045452	0	0	0	0	0	0
0.047753	0	0	0	0	0	0
0.060592	0	0	0	0	0	0
0.073256	0	0	0	0	0	0
0.05428	0	0	0	0	0	0
0.043655	0	0	0	0	0	0
0.067801	0	0	0	0	0	0
0.047691	0	0	0	0	0	0
0.05374	0	0	0	0	0	0
0.039359	0	0	0	0	0	0
0.042515	0	0	0	0	0	0
0.026402	0	0	0	0	0	0
0.033776	0	0	0	0	0	0
0.032952	0	0	0	0	0	0

0.040339	0	0	0	0	0	0
0.043387	0	0	0	0	0	0
0.122899	0	0	0	0	0	0
0.170609	0	0	0	0	0	0
0.068156	0	0	0	0	0	0
0.107828	0	0	0	0	0	0
0.175573	0	0	0	0	0	0
0.067591	0	0	0	0	0	0
0.01705	0	0	0	0	0	0
0.028903	0	0	0	0	0	0
0.044685	0	0	0	0	2	2
0.01367	0	2	0	0	5	7
0.01815	0	5	0	0	0	5
0.269325	0	0	0	0	0	0
0.122761	0	0	0	0	0	0
0.072056	0.01	0	0	0	0	0
0.055049	0	0	0	0	0	0
0.043998	0	0	0	0	0	0
0.00849	0	0	0	0	0	0
0.007129	0	0	0	0	0	0
0.005296	0	0	0	0	0	0
0.017236	0	0	0	0	0	0
0.035503	0	0	0	0	0	0
0.009064	0	0	0	0	0	0
0.00589	0	0	0	0	0	0
0.006916	0	0	0	0	0	0
0.012203	0	0	0	0	0	0
0.00702	0	0	0	0	0	0
0.004261	0	0	0	0	0	0
0.003785	0	0	0	0	0	0
0.015068	0	0	0	0	0	0
0.045734	0	0	0	0	0	0
0.029602	0	0	0	0	0	0
0.032929	0	0	0	0	0	0
0.042665	0	0	0	0	0	0
0.037952	0	0	0	0	0	0
0.029309	0	0	0	0	0	0
0.022121	0	0	0	0	0	0
0.014389	0	0	0	0	0	0
0.016276	0	0	0	0	0	0
0.05385	0	0	0	0	0	0
0.044413	0	0	0	0	0	0
0.030275	0	0	0	0	0	0
0.018812	0	0	0	0	0	0
0.029007	0	0	0	0	0	0
0.041669	0	0	0	0	0	0
0.023947	0	0	0	0	0	0
0.02591	0	0	0	0	0	0
0.004184	0	0	0	0	0	0
0.00157	0	0	0	0	0	0

0.001446	0	0	0	0	0	0
0.004311	0	0	0	0	0	0
0.003814	0	0	0	0	0	0
0.045723	0	0	0	0	0	0
0.061194	0	0	0	0	0	0
0.086909	0	0	0	0	0	0
0.049606	0	0	0	0	0	0
0.041356	0	0	0	0	0	0
0.074693	0	0	0	0	0	0
0.028054	0	0	0	0	0	0
0.013893	0	0	0	0	0	0
0.284771	0	0	0	0	0	0
0.030051	0	0	0	0	0	0
0.025961	0	0	0	0	0	0
0.011975	0	0	0	0	0	0
0.243484	0	0	0	0	0	0
0.035518	0	0	0	0	0	0
0.029365	0	0	0	0	0	0
0.01138	0	0	0	0	0	0
0.009091	0	0	0	0	0	0
0.051841	0	0	0	0	0	0
0.015578	0	0	0	0	0	0
0.038996	0	0	0	0	0	0
0.017252	0	0	0	0	0	0
0.000649	0	1	0	0	0	1
0.00047	0	0	0	0	0	0
0.000537	0	0	0	0	0	0
0.004031	0	0	0	0	0	0
0.000915	0	0	0	0	0	0
0.005481	0	0	0	0	0	0
0.006532	0.01	0	0	0	0	0
0.002074	0	0	0	0	0	0
0.029618	0	0	0	0	0	0
0.024122	0	0	0	0	0	0
0.019836	0	0	0	0	0	0
0.018139	0	0	0	0	0	0
0.050067	0	0	0	0	0	0
0.017852	0	0	0	0	0	0
0.039024	0	0	0	0	0	0
0.011444	0	0	0	0	0	0
0.026341	0	0	0	0	0	0
0.028118	0	0	0	0	0	0
0.048171	0	0	0	0	0	0
0.079541	0	0	0	0	0	0
0.126582	0	0	0	0	0	0
0.031648	0	0	0	0	0	0
0.030529	0	0	0	0	0	0
0.028608	0	0	0	0	0	0
0.124427	0	0	0	0	0	0
0.063224	0	0	0	0	0	0

0.023943	0	0	0	0	0	0
0.039252	0	0	0	0	0	0
0.086845	0	0	0	0	0	0
0.030522	0	0	0	0	0	0
0.027531	0	0	0	0	0	0
0.442284	0	0	0	0	0	0
0.042053	0	0	0	0	0	0
0.163477	0	0	0	0	0	0
0.275848	0	0	0	0	0	0
0.007586	0	0	0	0	0	0
0.011895	0	0	0	0	0	0
0.340571	0.02	1	0	0	0	1
0.020987	0	0	0	5	0	5
0.004638	0	0	0	0	0	0
0.006651	0	0	0	0	0	0
0.00487	0	0	0	0	0	0
0.005757	0	0	0	0	0	0
0.003472	0	0	0	0	0	0
0.053441	0	0	0	5	17	22
0.018213	0.02	17	0	0	0	17
0.239498	0	0	0	18	0	18
0.56474	0.01	0	11	0	0	11
0.016284	0	0	0	0	0	0
0.005947	0	0	9	7	0	16
0.007457	0	0	0	0	0	0
0.003361	0	0	0	0	0	0
0.002873	0	0	0	0	0	0
0.012081	0	0	0	0	0	0
0.004402	0	0	0	0	0	0
0.018113	0	0	4	0	1	5
0.005547	0	1	0	0	0	1
0.946287	0	0	0	0	0	0
0.058825	0	0	0	0	0	0
0.018829	0	0	0	0	0	0
0.00966	0	0	0	0	0	0
0.024588	0	0	0	0	0	0
0.283253	0	0	0	0	2	2
0.073993	0	2	0	4	0	6
0.167088	0	0	9	6	1	16
0.005785	0	0	0	0	0	0
0.004233	0	0	0	0	0	0
0.026095	0	0	0	0	0	0
0.002449	0	0	0	0	0	0
0.0524	0	0	0	0	0	0
0.020245	0	0	0	0	0	0
0.018908	0	0	0	0	0	0
0.025055	0	0	0	0	0	0
0.025269	0	0	0	0	0	0
0.031895	0	0	0	0	0	0
0.045311	0	0	0	0	0	0

0.025661	0	0	0	0	0	0
0.028398	0	0	0	0	0	0
0.031115	0	0	0	0	0	0
0.024883	0	0	0	0	0	0
0.035917	0	0	0	0	0	0
0.021702	0	0	0	0	0	0
0.048582	0	0	0	0	0	0
0.016908	0	0	0	0	0	0
0.022479	0	0	0	0	0	0
0.035821	0	0	0	0	0	0
0.02891	0	0	0	0	0	0
0.027696	0	0	0	0	0	0
0.036304	0	0	0	0	0	0
0.018821	0	0	0	0	0	0
0.024454	0	0	0	0	0	0
0.033247	0	0	0	0	0	0
0.01305	0	0	0	0	0	0
0.003298	0	0	0	0	0	0
0.005315	0	0	0	0	0	0
0.002639	0	0	0	0	0	0
0.001803	0	0	0	0	0	0
0.002664	0	0	0	0	0	0
0.009306	0	0	0	0	0	0
0.002149	0	0	0	0	0	0
0.013908	0	0	0	0	0	0
0.012247	0	0	0	0	0	0
0.004968	0	0	0	0	0	0
0.004573	0	0	0	0	0	0
0.004028	0	0	0	0	0	0
0.011715	0	0	0	0	0	0
0.005403	0	0	0	0	10	10
0.003681	0	10	0	0	0	10
0.00285	0	0	0	0	0	0
0.041889	0	0	0	0	0	0
0.040957	0	0	0	0	0	0
0.019674	0	0	0	0	0	0
0.024525	0	0	0	0	0	0
0.022146	0	0	0	0	0	0
0.040686	0	0	0	0	0	0
0.0191	0	0	0	0	0	0
0.148455	0	0	0	0	0	0
0.10595	0	0	0	0	0	0
0.031899	0	0	0	0	0	0
0.029343	0	0	0	0	0	0
0.068113	0	0	0	0	0	0
0.079166	0	0	0	0	0	0
0.036974	0	0	0	0	0	0
0.075035	0	0	0	0	0	0
0.041046	0	0	0	0	0	0
0.03769	0	0	0	0	0	0

0.025921	0	0	0	0	0	0
0.01267	0	0	0	0	0	0
0.029125	0	0	0	0	0	0
0.005317	0	0	0	0	0	0
0.006054	0	0	0	0	0	0
0.003157	0	0	0	0	0	0
0.00516	0	0	0	0	0	0
0.00678	0	0	0	0	0	0
0.001318	0	0	0	0	0	0
0.017617	0	0	0	0	0	0
0.004104	0	0	0	0	0	0
0.042686	0	0	0	0	0	0
0.000776	0	0	0	0	0	0
0.001694	0	0	0	0	0	0
0.000483	0	0	0	0	0	0
0.001029	0	0	0	0	0	0
0.001844	0	0	0	0	0	0
0.023804	0	0	0	0	0	0
0.023788	0	0	0	0	0	0
0.005197	0	0	0	0	0	0
0.002757	0	0	0	0	0	0
0.001597	0	0	0	0	0	0
0.003071	0	0	0	0	0	0
0.008174	0	0	0	0	0	0
0.003699	0	0	0	0	0	0
0.005424	0	0	0	0	0	0
0.003103	0	0	0	0	0	0
0.002759	0	0	0	0	0	0
0.00243	0	0	0	0	0	0
0.00224	0	0	0	0	0	0
0.002263	0	0	0	0	0	0
0.009205	0	0	0	0	0	0
0.003006	0	0	0	0	0	0
0.00258	0	0	0	0	0	0
0.03375	0	0	0	0	0	0
0.029231	0	0	0	0	0	0
0.043675	0	0	0	0	0	0
0.043231	0	0	0	0	0	0
0.028005	0	0	0	0	0	0
0.036013	0	0	0	0	0	0
0.074148	0	0	0	0	0	0
0.089585	0	0	0	0	0	0
0.036197	0	0	0	0	0	0
0.023708	0	0	0	0	0	0
0.011815	0	0	0	0	0	0
0.020716	0	0	0	0	5	5
0.029739	0	0	0	0	0	0
0.006215	0	0	0	0	0	0
0.004944	0	0	0	0	0	0
0.016157	0	0	0	0	0	0

0.008795	0	0	0	0	0	0
0.014629	0	0	0	0	0	0
0.285569	0	0	0	4	0	4
0.034486	0	0	0	0	0	0
0.031779	0	0	0	0	0	0
0.018221	0	0	0	0	0	0
0.040855	0	0	0	0	0	0
0.029863	0	0	0	0	0	0
0.04086	0	0	0	0	0	0
0.102901	0	0	0	0	0	0
0.051977	0	0	0	0	0	0
0.015951	0	0	0	0	0	0
0.018864	0	0	0	0	0	0
0.343684	0	0	0	0	0	0
0.286518	0	0	0	0	0	0
0.165567	0	0	0	0	0	0
0.093215	0	0	0	0	0	0
0.017602	0	0	0	0	0	0
0.06384	0	0	0	0	0	0
0.204406	0	0	0	0	2	2
0.124799	0	2	0	0	0	2
0.441759	0	0	0	0	0	0
0.036296	0	0	0	0	0	0
0.073698	0	0	0	0	0	0
0.047655	0	0	0	0	0	0
0.033922	0	0	0	0	0	0
0.131448	0	0	0	0	0	0
0.063977	0	0	0	0	0	0
0.114566	0	0	0	0	0	0
0.01987	0	0	0	0	0	0
0.014517	0	0	0	0	0	0
0.011404	0	0	0	0	0	0
0.026698	0	0	0	0	0	0
0.046611	0	0	0	0	0	0
0.062607	0	0	0	0	0	0
0.028596	0	0	0	0	0	0
0.039459	0	0	0	0	0	0
0.047511	0	0	0	0	0	0
0.011871	0	0	0	0	0	0
0.012763	0	0	0	0	0	0
0.015206	0	0	0	0	0	0
0.09393	0	0	0	0	0	0
0.030693	0	0	0	0	0	0
0.125784	0	0	0	0	0	0
0.091104	0	0	0	0	0	0
0.04907	0	0	0	0	0	0
0.130731	0	0	0	0	0	0
0.450666	0.01	0	0	0	0	0
0.028038	0	0	0	0	0	0
0.005517	0	0	0	0	0	0



0.003387	0	0	0	0	0	0
0.010204	0	0	0	0	0	0
0.005169	0	0	0	0	0	0
0.009376	0	0	0	0	0	0
0.346416	0	0	0	0	0	0
0.131475	0	0	0	0	0	0
0.104566	0	0	0	0	0	0
0.055411	0	0	0	0	0	0
0.094545	0	0	0	0	0	0
0.059395	0	0	0	0	0	0
0.049395	0	0	0	0	0	0
0.054472	0	0	0	0	0	0
0.052178	0	0	0	0	0	0
0.041598	0	0	0	0	0	0
0.029036	0	0	0	0	0	0
0.025377	0	0	0	0	0	0
0.021505	0	0	0	0	0	0
0.021208	0	0	0	0	0	0
0.042396	0	0	0	0	0	0
0.037517	0	0	0	0	0	0
0.042578	0	0	0	0	0	0
0.018619	0	0	0	0	0	0
0.019843	0	0	0	0	0	0
0.066906	0	0	0	0	0	0
0.041255	0	0	0	0	0	0
0.029775	0	0	0	0	0	0
0.057625	0	0	0	0	0	0
0.021718	0	0	0	0	0	0
0.019841	0	0	0	0	0	0
0.017877	0	0	0	0	0	0
0.024914	0	0	0	0	0	0
0.014638	0	0	0	0	0	0
0.014518	0	0	0	0	0	0
0.015483	0	0	0	0	0	0
0.032955	0	0	0	0	0	0
0.015554	0	0	0	0	0	0
0.032478	0	0	0	0	0	0
0.020831	0	0	0	0	0	0
0.022121	0	0	0	0	0	0
0.030287	0	0	0	0	0	0
0.043092	0	0	0	0	0	0
0.027091	0	0	0	0	0	0
0.022577	0	0	0	0	0	0
0.01354	0	0	0	0	0	0
0.025254	0	0	0	0	0	0
0.055022	0	0	0	0	0	0
0.031672	0	0	0	0	0	0
0.042012	0	0	0	0	0	0
0.026168	0	0	0	0	0	0
0.08413	0	0	0	0	0	0

0.031835	0	0	0	0	0	0
0.039935	0	0	0	0	0	0
0.042229	0	0	0	0	0	0
0.021629	0	0	0	0	0	0
0.033348	0	0	0	0	0	0
0.041437	0	0	0	0	0	0
0.051403	0	0	0	0	0	0
0.035068	0	0	0	0	0	0
0.042626	0	0	0	0	0	0
0.064555	0	0	0	0	0	0
0.052356	0	0	0	0	0	0
0.022439	0	0	0	0	0	0
0.243122	0	0	0	0	0	0
0.08933	0	0	0	0	0	0
0.151508	0	0	0	0	0	0
0.014645	0	0	0	0	0	0
0.082121	0	0	0	0	0	0
0.052607	0	0	0	0	0	0
0.037283	0	0	0	0	0	0
0.019721	0	0	0	0	0	0
0.040486	0	0	0	0	0	0
0.040194	0	0	0	0	0	0
0.025029	0	0	0	0	0	0
0.030502	0	0	0	0	0	0
0.051059	0	0	0	0	0	0
0.025936	0	0	0	0	0	0
0.019878	0	0	0	0	0	0
0.039646	0	0	0	0	0	0
0.053457	0	0	0	0	0	0
0.000347	0	0	0	0	0	0
0.000341	0	0	0	0	0	0
0.000268	0	0	0	0	0	0
0.000269	0	0	0	0	0	0
0.000166	0	0	0	0	0	0
0.000725	0	0	0	0	0	0
0.000291	0	0	0	0	0	0
0.001205	0	0	0	0	4	4
0.000436	0	4	0	0	0	4
0.01782	0	0	6	0	0	6
0.010751	0	0	0	0	0	0
0.013389	0	0	0	0	0	0
0.008468	0	0	0	0	0	0
0.015027	0	0	0	0	0	0
0.582913	0.24	1	0	0	0	1
0.01923	0	0	0	0	0	0
0.048034	0	0	0	0	0	0
0.063067	0	0	0	0	0	0
0.123258	0	0	0	0	0	0
0.047147	0	0	0	0	0	0
0.05541	0	0	0	0	0	0

0.04986	0	0	0	0	0	0
0.060151	0	0	0	0	0	0
0.058416	0	0	0	0	0	0
0.058084	0	0	0	0	0	0
0.051939	0	0	0	0	0	0
0.042335	0	0	0	0	0	0
0.042463	0	0	0	0	0	0
0.025135	0	0	0	0	0	0
0.051867	0	0	0	0	0	0
0.036454	0	0	0	0	0	0
0.029531	0	0	0	0	0	0
0.035918	0	0	0	0	0	0
0.039045	0	0	0	0	0	0
0.03274	0	0	0	0	0	0
0.038979	0	0	0	0	0	0
0.027988	0	0	0	0	0	0
0.022784	0	0	0	0	0	0
0.022559	0	0	0	0	0	0
0.035633	0	0	0	0	0	0
0.088752	0	0	0	0	0	0
0.031937	0	0	0	0	0	0
0.021104	0	0	0	0	0	0
0.046196	0	0	0	0	0	0
0.027377	0	0	0	0	0	0
0.029047	0	0	0	0	0	0
0.01987	0	0	0	0	0	0
0.022047	0	0	0	0	0	0
0.02048	0	0	0	0	0	0
0.0189	0	0	0	0	0	0
0.016021	0	0	0	0	0	0
0.015581	0	0	0	0	0	0
0.024721	0	0	0	0	0	0
0.01222	0	0	0	0	0	0
0.013167	0	0	0	0	0	0
0.106583	0	0	0	0	0	0
0.011315	0	0	0	0	0	0
0.008219	0	0	0	0	0	0
0.008805	0	0	0	0	0	0
0.010286	0	0	0	0	0	0
0.013934	0	0	0	0	0	0
0.053138	0	0	0	0	0	0
0.03775	0	0	0	0	0	0
0.055097	0	0	0	0	0	0
0.157152	0	0	0	0	0	0
0.047609	0	0	0	0	0	0
0.040749	0	0	0	0	0	0
0.04324	0	0	0	0	0	0
0.064204	0	0	0	0	0	0
0.043057	0	0	0	0	0	0
0.018309	0	0	0	0	0	0

0.030932	0	0	0	0	0	0
0.039012	0	0	0	0	0	0
0.046849	0	0	3	0	0	3
0.05381	0	0	0	0	0	0
0.048166	0	0	0	0	0	0
0.138508	0	0	0	0	0	0
0.045134	0	0	0	0	0	0
0.071672	0	0	0	0	0	0
0.040485	0	0	0	0	0	0
0.04139	0	0	0	0	0	0
0.073513	0	0	0	0	0	0
0.045491	0	0	0	0	0	0
0.038304	0	0	0	0	0	0
0.037575	0	0	0	0	0	0
0.046118	0	0	0	0	0	0
0.05774	0	0	0	0	0	0
0.043533	0	0	0	0	0	0
0.113329	0	0	0	0	0	0
0.097732	0	0	0	0	0	0
0.041651	0	0	0	0	0	0
0.039545	0	0	0	0	0	0
0.031757	0	0	0	0	0	0
0.123934	0	0	0	0	0	0
0.040065	0	0	0	0	0	0
0.055242	0	0	0	0	0	0
0.035818	0	0	0	0	0	0
0.049591	0	0	0	0	0	0
0.042277	0	0	0	0	0	0
0.033304	0	0	0	0	0	0
0.02827	0	0	0	0	0	0
0.012691	0	0	0	0	0	0
0.025921	0	0	0	0	0	0
0.02509	0	0	0	0	0	0
0.025209	0	0	0	0	0	0
0.03378	0	0	0	0	0	0
0.067945	0	0	0	0	0	0
0.010026	0	0	0	0	0	0
0.052282	0	0	0	0	0	0
0.196554	0	0	0	0	0	0
0.009725	0	0	0	0	0	0
0.021971	0	0	0	0	0	0
0.03493	0	0	0	0	0	0
0.016174	0	0	0	0	0	0
0.019789	0	0	0	0	0	0
0.069046	0	0	0	0	0	0
0.024607	0	0	0	0	0	0
0.011621	0	0	0	0	0	0
0.57468	0	0	0	0	0	0
0.215523	0	0	0	0	0	0
0.082683	0.7	0	0	0	0	0

0.053023	0	0	0	0	0	0
0.023376	0	0	0	0	0	0
0.020209	0	0	0	0	0	0
0.029951	0	0	0	0	0	0
0.021141	0	0	0	0	0	0
0.051466	0	0	0	0	0	0
0.019571	0	0	0	0	0	0
0.030945	0	0	0	0	0	0
0.038658	0	0	0	0	0	0
0.042382	0	0	0	0	0	0
0.035661	0	0	0	0	0	0
0.014806	0	0	0	0	0	0
0.03675	0	0	0	0	0	0
0.040698	0	0	0	0	0	0
0.01732	0	0	0	0	0	0
0.034522	0	0	0	0	0	0
0.024091	0	0	0	0	0	0
0.127311	0	0	0	0	0	0
0.07919	0	0	0	0	0	0
0.056715	0	0	0	0	0	0
0.06556	0	0	0	0	0	0
0.042902	0	0	0	0	0	0
0.041229	0	0	0	0	0	0
0.042866	0	0	0	0	0	0
0.086703	0	0	0	0	0	0
0.05247	0	0	0	0	0	0
0.033797	0	0	0	0	0	0
0.181058	0	0	0	0	0	0
0.049082	0	0	0	0	0	0
0.483331	0.1	0	0	0	0	0
0.055086	0	0	0	0	0	0
0.064295	0	0	0	0	0	0
0.046819	0	0	0	0	0	0
0.04756	0	0	0	0	0	0
0.042264	0	0	0	0	0	0
0.06348	0	0	0	0	0	0
0.052956	0	0	0	0	0	0
0.038586	0	0	0	0	0	0
0.040838	0	0	0	0	0	0
0.066183	0	0	0	0	0	0
0.049866	0	0	0	0	0	0
0.153878	0	0	0	0	0	0
0.027209	0	0	0	0	0	0
0.047604	0	0	0	0	0	0
0.049366	0	0	0	0	0	0
0.04223	0	0	0	0	0	0
0.033168	0	0	0	0	0	0
0.05729	0	0	0	0	0	0
0.028689	0	0	0	0	0	0
0.06481	0	0	0	0	0	0

0.041304	0	0	0	0	0	0
0.036975	0	0	0	0	0	0
0.032773	0	0	0	0	0	0
0.036369	0	0	0	0	0	0
0.052491	0	0	0	0	0	0
0.039138	0	0	0	0	0	0
0.026293	0	0	0	0	0	0
0.036596	0	0	0	0	0	0
0.053625	0	0	0	0	0	0
0.036459	0	0	0	0	0	0
0.028796	0	0	0	0	0	0
0.047712	0	0	0	0	0	0
0.027904	0	0	0	0	0	0
0.029317	0	0	0	0	0	0
0.030721	0	0	0	0	0	0
0.025207	0	0	0	0	0	0
0.030505	0	0	0	0	0	0
0.0207	0	0	0	0	0	0
0.021481	0	0	0	0	0	0
0.072537	0	0	0	0	0	0
0.013576	0	0	0	0	0	0
0.027011	0	0	0	0	0	0
0.051547	0	0	0	0	0	0
0.017905	0	0	0	0	0	0
0.01054	0	0	0	0	0	0
0.022408	0	0	0	0	0	0
0.039855	0	0	0	0	0	0
0.009368	0	0	0	0	0	0
0.087725	0	0	0	0	0	0
0.154326	0	0	0	0	0	0
0.022474	0	0	0	0	0	0
0.006492	0	0	0	0	0	0
0.027883	0	0	0	0	0	0
0.033458	0	0	0	0	0	0
0.01709	0	0	0	0	0	0
0.025045	0	0	0	0	0	0
0.018013	0	0	0	0	0	0
0.044987	0	0	0	0	0	0
0.022452	0	0	0	0	0	0
0.002767	0	0	0	0	0	0
0.028901	0	3	0	0	0	3
0.01178	0	0	0	0	0	0
0.035074	0	0	0	0	0	0
0.012815	0	0	0	0	0	0
0.025867	0	0	0	0	0	0
0.003086	0	0	0	0	0	0
0.057619	0	0	0	0	0	0
0.033961	0	0	0	0	0	0
0.037601	0	0	0	0	0	0
0.045388	0	0	0	0	0	0

0.064424	0	0	0	0	0	0
0.036593	0	0	0	0	0	0
0.043926	0	0	0	0	0	0
0.32614	0.05	0	0	0	0	0
0.056494	0	0	0	0	0	0
0.056008	0	0	0	0	0	0
0.034608	0	0	0	0	0	0
0.027355	0	0	0	0	0	0
0.030981	0	0	0	0	0	0
0.025489	0	0	0	0	0	0
0.017008	0	0	0	0	0	0
0.02221	0	0	0	0	0	0
0.013343	0	0	0	0	0	0
0.018746	0	0	0	0	0	0
0.019767	0	0	0	0	0	0
0.014741	0	0	0	0	0	0
0.044292	0	0	0	0	0	0
0.030017	0	0	0	0	0	0
0.015622	0	0	0	0	0	0
0.015776	0	0	0	0	0	0
0.055	0	0	0	0	0	0
0.039557	0	0	0	0	0	0
0.036546	0	0	0	0	0	0
0.024849	0	0	0	0	0	0
0.027776	0	0	0	0	0	0
0.031392	0	0	0	0	0	0
0.020658	0	0	0	0	0	0
0.020193	0	0	0	0	0	0
0.020154	0	0	0	0	0	0
0.048001	0	0	0	0	0	0
0.028059	0	0	0	0	0	0
0.125204	0	0	0	0	0	0
0.017158	0	0	0	0	0	0
0.015939	0	0	0	0	0	0
0.022133	0	0	0	0	0	0
0.03091	0	0	0	0	0	0
0.02829	0	0	0	0	0	0
0.4544	0	0	0	0	0	0
0.023699	0	0	0	0	0	0
0.017065	0	0	0	0	0	0
0.020068	0	0	0	0	0	0
0.033682	0	0	0	0	0	0
0.054735	0	0	0	0	0	0
0.038516	0	0	0	0	0	0
0.026693	0	0	0	0	0	0
0.027554	0	0	0	0	0	0
0.039788	0	0	0	0	0	0
0.036577	0	0	0	0	0	0
0.00806	0	0	0	0	0	0
0.00366	0	0	0	0	0	0

0.013746	0	0	0	0	0	0
0.012266	0	0	0	0	0	0
0.010802	0	0	0	0	0	0
0.015443	0	0	0	0	0	0
0.010269	0	0	0	0	0	0
0.004994	0	0	0	0	0	0
0.005849	0	0	0	0	0	0
0.004415	0	0	0	0	0	0
0.006173	0	0	0	0	0	0
0.006578	0	0	0	0	0	0
0.005544	0	0	0	0	0	0
0.005649	0	0	0	0	0	0
0.008648	0	0	0	0	0	0
0.009675	0	0	0	0	0	0
0.00885	0	0	0	0	0	0
0.026156	0	0	0	0	0	0
0.011231	0	0	0	0	0	0
0.003097	0	0	0	0	0	0
0.002707	0	0	0	0	0	0
0.001992	0	0	0	0	0	0
0.004109	0	0	0	0	0	0
0.003979	0	0	0	0	0	0
0.003497	0	0	0	0	0	0
0.001477	0	0	0	0	0	0
0.001595	0	0	0	0	0	0
0.001661	0	0	0	0	0	0
0.008053	0	0	0	0	0	0
0.001798	0	0	0	0	0	0
0.00492	0	0	0	0	0	0
0.001008	0	0	0	0	0	0
0.000696	0	0	0	0	0	0
0.011683	0	0	0	0	0	0
0.003022	0	0	0	0	0	0
0.011056	0	0	0	0	0	0
0.004891	0	0	0	0	0	0
0.00596	0	0	0	0	0	0
0.004458	0	0	0	0	0	0
0.004987	0	0	0	0	0	0
0.003236	0	0	0	0	0	0
0.01731	0	0	0	0	0	0
0.027507	0	0	0	0	0	0
0.01138	0	0	0	0	0	0
0.019307	0	0	0	0	0	0
0.00968	0	0	0	0	0	0
0.023634	0	0	0	0	0	0
0.04354	0	0	0	0	0	0
0.029619	0	0	0	0	0	0
0.033886	0	0	0	0	0	0
0.03211	0	0	0	0	0	0
0.015605	0	0	0	0	0	0



0.020059	0	0	0	0	0	0
0.015939	0	0	0	0	0	0
0.977062	0	0	0	0	0	0
0.896236	0	0	0	0	0	0
0.350039	0.05	0	0	0	0	0
0.103421	0	0	0	0	0	0
0.048966	0	0	0	0	0	0
0.535218	0.14	0	0	0	0	0
0.939774	0	0	0	0	0	0
0.061363	0.05	0	0	0	0	0
0.004575	0	0	0	0	4	4
0.002399	0	4	0	0	0	4
0.005424	0	0	0	0	0	0
0.011243	0.02	0	0	0	0	0
0.001074	0	0	0	0	0	0
0.007997	0	0	0	0	0	0
0.076315	0	0	0	0	0	0
0.012835	0	0	0	0	0	0
0.009763	0	0	0	0	0	0
0.022702	0	0	0	0	0	0
0.713762	0	0	0	0	0	0
0.147514	0	0	0	0	0	0
0.030983	0	0	0	0	0	0
0.046087	0	0	0	0	0	0
0.041318	0	0	0	0	0	0
0.054778	0	0	0	0	0	0
0.022825	0	0	0	0	0	0
0.909045	0	0	0	0	0	0
0.012263	0	0	0	0	0	0
0.020808	0	0	0	0	0	0
0.01576	0	0	0	0	0	0
0.017156	0	0	0	0	0	0
0.01094	0	0	0	0	0	0
0.029205	0	0	0	0	0	0
0.007798	0	0	0	0	0	0
0.004916	0	0	0	0	0	0
0.030569	0	0	0	0	0	0
0.942276	0.02	0	0	0	0	0
0.078918	0	0	0	0	0	0
0.002414	0	0	0	0	0	0
0.00214	0	0	0	0	0	0
0.004831	0	0	0	0	0	0
0.00588	0	0	0	0	0	0
0.007689	0	0	0	0	0	0
0.02346	0	0	0	0	0	0
0.076444	0	0	0	0	0	0
0.039001	0	0	0	0	0	0
0.018829	0	0	0	0	0	0
0.020601	0	0	0	0	0	0
0.049636	0	0	0	0	0	0

0.021658	0	0	0	0	0	0
0.029677	0	0	0	0	0	0
0.035587	0	0	0	0	0	0
0.052999	0	0	0	0	0	0
0.032749	0	0	0	0	0	0
0.050055	0	0	0	0	0	0
0.052307	0	0	0	0	0	0
0.040278	0	0	0	0	0	0
0.054675	0	0	0	0	0	0
0.066442	0	0	0	0	0	0
0.034257	0	0	0	0	0	0
0.028795	0	0	0	0	0	0
0.034342	0	0	0	0	0	0
0.098272	0.01	0	0	0	0	0
0.013012	0	0	0	0	0	0
0.028815	0	0	0	0	0	0
0.012078	0	0	0	0	0	0
0.028932	0	0	0	0	0	0
0.011967	0	0	0	0	0	0
0.01644	0	0	0	0	0	0
0.015564	0	0	0	0	0	0
0.013605	0	0	0	0	0	0
0.064229	0	0	0	0	0	0
0.014208	0	0	0	0	0	0
0.011972	0	0	0	0	0	0
0.032837	0	0	0	0	0	0
0.091209	0	0	0	0	0	0
0.064525	0	0	0	0	0	0
0.16959	0	0	0	0	0	0
0.467694	0	0	0	0	0	0
0.502271	0	0	0	0	0	0
0.245558	0	0	0	0	0	0
0.145356	0	0	0	0	0	0
0.07718	0	0	0	0	0	0
0.036316	0	0	0	0	0	0
0.094656	0	0	0	0	0	0
0.098232	0	0	0	0	0	0
0.096998	0	0	0	0	0	0
0.127078	0	0	0	0	0	0
0.400632	0	0	0	0	0	0
0.072469	0	0	0	0	0	0
0.490819	0	0	0	0	0	0
0.452217	0	0	0	0	0	0
0.01864	0	0	0	0	0	0
0.013929	0	0	0	0	0	0
0.008452	0	0	0	0	0	0
0.004768	0	0	0	0	0	0
0.018534	0	0	0	0	0	0
0.007885	0	0	0	0	0	0
0.050481	0	0	0	0	0	0

0.02683	0	0	0	0	0	0
0.08031	0	0	0	0	0	0
0.014356	0	0	0	0	0	0
0.029905	0	0	0	0	0	0
0.030154	0	0	0	0	0	0
0.030916	0	0	0	0	0	0
0.027469	0	0	0	0	0	0
0.035975	0	0	0	0	0	0
0.02581	0	0	0	0	0	0
0.024375	0	0	0	0	0	0
0.096968	0	0	0	0	0	0
0.030227	0	0	0	0	0	0
0.048639	0	0	0	0	0	0
0.112469	0	0	0	0	0	0
0.058223	0	0	0	0	0	0
0.068412	0	0	0	0	0	0
0.08859	0	0	0	0	0	0
0.038575	0	0	0	0	0	0
0.009796	0	0	0	0	0	0
0.044219	0	0	0	0	0	0
0.05179	0	0	0	0	0	0
0.1068	0	0	0	0	0	0
0.021476	0.01	0	0	0	0	0
0.015089	0.04	0	0	0	0	0
0.697832	0	0	0	0	0	0
0.05817	0	0	0	0	0	0
0.06876	0	0	0	0	0	0
0.055523	0	0	0	0	0	0
0.056949	0	0	0	0	0	0
0.104911	0	0	0	0	0	0
0.1695	0	0	0	0	0	0
0.083704	0	0	0	0	0	0
0.009055	0	0	0	0	0	0
0.022088	0	0	0	0	0	0
0.035227	0	0	0	0	0	0
0.011791	0	0	0	0	0	0
0.028893	0	0	0	0	0	0
0.006289	0	0	0	0	0	0
0.008733	0	0	0	0	0	0
0.0044	0	0	0	0	0	0
0.004288	0	0	0	0	0	0
0.004031	0	0	0	0	0	0
0.012256	0	0	0	0	0	0
0.005177	0	0	0	0	0	0
0.009581	0	0	0	0	0	0
0.046959	0	0	0	0	0	0
0.004456	0	0	0	0	0	0
0.019781	0	0	0	0	0	0
0.042988	0	0	0	0	0	0
0.013257	0	0	0	0	0	0

0.004961	0	0	0	0	0	0
0.00825	0	0	0	0	0	0
0.003986	0	0	0	0	0	0
0.004803	0	0	0	0	0	0
0.003853	0	0	0	0	0	0
0.007962	0	0	0	0	0	0
0.008054	0	0	0	0	0	0
0.010938	0	0	0	0	0	0
0.064147	0	0	0	0	0	0
0.032048	0	0	0	0	0	0
0.012807	0	0	0	0	0	0
0.033391	0	0	0	0	0	0
0.048857	0	0	0	0	0	0
0.125929	0	0	0	0	0	0
0.085389	0	0	0	0	0	0
0.036016	0	0	0	0	0	0
0.115175	0	0	0	0	0	0
0.055026	0	0	0	0	0	0
0.076885	0	0	0	0	0	0
0.043306	0	0	0	0	0	0
0.022986	0	0	0	0	0	0
0.044726	0	0	0	0	0	0
0.024555	0	0	0	0	0	0
0.021825	0	0	0	0	0	0
0.204465	0	0	0	0	0	0
0.064777	0	0	0	0	0	0
0.072742	0	0	0	0	0	0
0.058182	0	0	0	0	0	0
0.018042	0	0	0	0	0	0
0.004675	0	0	0	0	0	0
0.00225	0	0	0	0	4	4
0.003088	0	4	1	0	0	5
0.004836	0	0	0	0	0	0
0.001179	0	0	0	0	0	0
0.012903	0	0	0	0	0	0
0.00645	0	0	0	0	0	0
0.010634	0	0	0	0	0	0
0.004585	0	0	0	0	0	0
0.007138	0	0	0	0	0	0
0.015003	0	0	14	7	0	21
0.00179	0	0	0	0	0	0
0.004717	0	0	0	0	0	0
0.006619	0	0	0	0	0	0
0.015337	0.03	0	9	4	5	18
0.011218	0.11	5	6	32	1	44
0.030189	0	1	11	0	0	12
0.20445	0.12	0	0	0	0	0
0.186941	0	0	0	7	10	17
0.150805	0	10	0	0	0	10
0.02181	0	0	0	0	0	0

0.075165	0.01	0	0	0	0	0
0.017372	0.01	0	5	0	0	5
0.003712	0	0	0	0	0	0
0.003381	0	0	0	0	0	0
0.002959	0	0	0	0	0	0
0.004362	0	0	0	0	0	0
0.002026	0	0	0	0	0	0
0.329473	0	0	0	4	0	4
0.000937	0	0	0	0	3	3
0.001009	0	0	0	5	0	5
0.042462	0	0	0	0	0	0
0.001037	0	0	0	0	0	0
0.107726	0	0	0	0	0	0
0.288007	0	0	0	0	0	0
0.046044	0	0	0	0	0	0
0.067195	0	0	0	0	0	0
0.061238	0	0	0	0	0	0
0.058345	0	0	0	0	0	0
0.056925	0	0	0	0	0	0
0.05027	0	0	0	0	0	0
0.048117	0	0	0	0	0	0
0.083337	0	0	0	0	0	0
0.049219	0	0	0	0	0	0
0.061156	0	0	0	0	0	0
0.032433	0	0	0	0	0	0
0.045048	0	0	0	0	0	0
0.06006	0	0	0	0	0	0
0.057747	0	0	0	0	0	0
0.076896	0	0	0	0	0	0
0.061752	0	0	0	0	0	0
0.050662	0	0	0	0	0	0
0.668647	0.17	0	0	0	0	0
0.061883	0	0	0	0	0	0
0.071216	0	0	0	0	0	0
0.054063	0	0	0	0	0	0
0.061352	0	0	0	0	0	0
0.056694	0	0	0	0	0	0
0.053308	0	0	0	0	0	0
0.066482	0	0	0	0	0	0
0.052977	0	0	0	0	0	0
0.094832	0	0	0	0	0	0
0.070499	0	0	0	0	0	0
0.054004	0	0	0	0	0	0
0.131683	0	0	0	0	0	0
0.046429	0	0	0	0	0	0
0.027943	0	0	0	0	0	0
0.02147	0	0	0	0	0	0
0.054174	0	0	0	0	0	0
0.024755	0	0	0	0	0	0
0.054726	0	0	0	0	0	0

0.050565	0	0	0	0	0	0
0.039955	0	0	0	0	0	0
0.040276	0	0	0	0	0	0
0.050616	0	0	0	0	0	0
0.044941	0	0	0	0	0	0
0.040577	0	0	0	0	0	0
0.033799	0	0	0	0	0	0
0.037833	0	0	0	0	0	0
0.033236	0	0	0	0	0	0
0.012655	0	0	0	0	0	0
0.008796	0	0	0	0	0	0
0.055096	0	0	0	0	0	0
0.050652	0	0	0	0	0	0
0.028148	0	0	0	0	0	0
0.03925	0	0	0	0	0	0
0.027182	0	0	0	0	0	0
0.040844	0	0	0	0	0	0
0.028856	0	0	0	0	0	0
0.025228	0	0	0	0	0	0
0.037044	0.03	0	0	0	0	0
0.089875	0	0	0	0	0	0
0.016487	0	0	0	0	0	0
0.092944	0	0	0	0	0	0
0.03143	0	0	0	0	0	0
0.017837	0	0	0	0	0	0
0.01099	0	0	0	0	0	0
0.028874	0	0	0	0	0	0
0.12899	0	0	0	0	0	0
0.057656	0	0	0	0	0	0
0.060184	0	0	0	0	0	0
0.031976	0	0	0	0	0	0
0.034239	0	0	0	0	0	0
0.058075	0	0	0	0	0	0
0.078539	0	0	0	0	0	0
0.006488	0	0	0	0	0	0
0.019323	0	0	0	0	0	0
0.029075	0	0	0	0	0	0
0.071861	0	0	0	0	0	0
0.015965	0	0	0	0	0	0
0.005533	0	0	0	0	0	0
0.008653	0	0	0	0	0	0
0.006268	0	0	0	0	0	0
0.025167	0	0	0	0	0	0
0.005494	0	0	0	0	0	0
0.159694	0.03	0	0	0	0	0
0.008937	0	0	0	0	0	0
0.004783	0	0	0	0	0	0
0.00698	0	0	0	0	0	0
0.00823	0	0	0	0	0	0
0.003377	0	0	0	0	0	0

0.069882	0	0	0	0	0	0
0.050366	0	0	0	0	0	0
0.043325	0	0	0	0	0	0
0.011779	0	0	0	0	0	0
0.02378	0	0	0	0	0	0
0.003607	0	0	0	0	7	7
0.005993	0	7	0	0	0	7
0.009075	0	0	0	0	0	0
0.006612	0	0	0	0	0	0
0.0036	0	0	0	0	0	0
0.005056	0	0	0	0	0	0
0.00953	0	0	0	0	0	0
0.010084	0	0	0	0	0	0
0.030315	0	0	0	0	0	0
0.009094	0	0	0	0	0	0
0.051537	0	0	0	0	0	0
0.03331	0	0	0	0	0	0
0.076098	0	0	0	0	0	0
0.028789	0	0	0	0	0	0
0.00529	0	0	0	0	0	0
0.024252	0	0	0	0	0	0
0.024823	0	0	0	0	0	0
0.036418	0	0	0	0	0	0
0.019869	0	0	0	0	0	0
0.008719	0	0	0	0	0	0
0.008058	0	0	0	0	0	0
0.006168	0	0	0	0	0	0
0.009648	0	0	0	0	0	0
0.007765	0	0	0	0	0	0
0.014282	0	0	0	0	0	0
0.010784	0	0	0	0	0	0
0.004248	0	0	0	0	0	0
0.005555	0	1	0	0	0	1
0.066928	0	0	0	0	0	0
0.000167	0	0	0	0	0	0
0.024086	0	0	0	0	0	0
0.123393	0	0	0	0	0	0
0.005833	0	0	0	0	0	0
0.011621	0.05	0	0	0	0	0
0.036707	0.09	0	0	0	0	0
0.006618	0	0	0	0	0	0
0.019372	0	0	0	0	0	0
0.014628	0	0	0	0	0	0
0.016181	0.01	0	0	0	0	0
0.007917	0	0	0	0	0	0
0.03669	0.02	0	0	0	0	0
0.039499	0.05	0	0	0	0	0
0.039697	0.03	0	0	0	0	0
0.461679	0	0	0	0	0	0
0.093572	0.07	0	0	0	0	0

0.12925	0	0	0	0	0	0
0.04079	0	0	0	0	0	0
0.018772	0	0	0	0	0	0
0.015728	0	0	0	0	0	0
0.01918	0	0	0	0	0	0
0.003491	0	0	0	0	0	0
0.028781	0	0	0	0	0	0
0.004022	0	0	0	0	0	0
0.007369	0	0	0	0	0	0
0.009868	0	0	0	0	0	0
0.014117	0	0	0	0	0	0
0.025885	0	0	0	0	0	0
0.010155	0	0	0	0	0	0
0.004611	0	0	0	0	0	0
0.012481	0	0	0	0	0	0
0.004909	0	0	0	0	0	0
0.007035	0	0	0	0	0	0
0.005131	0	0	0	0	0	0
0.004846	0	0	0	0	0	0
0.003872	0	0	0	0	0	0
0.042069	0	0	0	0	0	0
0.044524	0	0	0	0	0	0
0.038248	0	0	0	0	0	0
0.058644	0	0	0	0	0	0
0.037217	0	0	0	0	0	0
0.0368	0	0	0	0	0	0
0.049186	0	0	0	0	0	0
0.039432	0	0	0	0	0	0
0.031876	0	0	0	0	0	0
0.047593	0	0	0	5	0	5
0.062647	0	0	0	0	0	0
0.045437	0	0	0	0	0	0
0.037735	0	0	0	0	0	0
0.027047	0	0	0	0	0	0
0.027897	0	0	0	0	0	0
0.029837	0	0	0	0	0	0
0.023662	0	0	0	0	0	0
0.040708	0	0	0	0	0	0
0.024101	0	0	0	0	0	0
0.018338	0	0	0	0	0	0
0.065475	0	0	0	0	0	0
0.051127	0	0	0	0	1	1
0.035463	0	0	0	0	0	0
0.022091	0	0	0	0	0	0
0.015175	0	0	0	0	0	0
0.02071	0	0	0	0	0	0
0.014431	0	0	0	0	0	0
0.042792	0	0	0	0	0	0
0.014595	0	0	0	0	0	0
0.015744	0	0	0	0	0	0



0.026403	0	0	0	0	0	0
0.054981	0	0	0	0	0	0
0.168556	0	0	0	0	0	0
0.044785	0	0	0	0	0	0
0.019895	0	0	0	0	0	0
0.007954	0	0	0	0	0	0
0.00856	0	0	0	0	0	0
0.016208	0	0	0	0	0	0
0.011715	0	0	0	0	0	0
0.01256	0	0	0	0	0	0
0.009011	0	0	0	0	0	0
0.044898	0	0	0	0	0	0
0.11365	0	0	0	0	0	0
0.029526	0	0	0	0	0	0
0.027783	0	0	0	0	0	0
0.031908	0	0	0	0	0	0
0.015395	0	0	0	0	0	0
0.022855	0	0	0	0	0	0
0.015032	0	0	0	0	0	0
0.059515	0	0	0	0	0	0
0.01081	0	0	0	0	0	0
0.021429	0	0	0	0	0	0
0.012857	0	0	0	0	0	0
0.007662	0	0	0	0	0	0
0.096679	0	0	0	0	0	0
0.009555	0	0	0	0	0	0
0.005989	0	0	0	0	0	0
0.224063	0	0	0	0	0	0
0.004888	0	0	0	0	0	0
0.006287	0	0	0	0	0	0
0.015198	0	0	0	0	0	0
0.006607	0	0	0	0	0	0
0.003838	0	0	0	0	0	0
0.006386	0	0	0	0	0	0
0.005931	0	0	0	0	0	0
0.005635	0	0	0	0	0	0
0.008272	0	0	0	0	0	0
0.008023	0	0	0	0	0	0
0.016042	0	0	0	0	0	0
0.020865	0	0	0	0	0	0
0.019943	0	0	0	0	0	0
0.012487	0	0	0	0	0	0
0.018447	0	0	0	0	0	0
0.015274	0	0	0	0	0	0
0.007759	0	0	0	0	0	0
0.014002	0	0	0	0	0	0
0.011042	0	0	0	0	0	0
0.022	0	0	0	0	0	0
0.025641	0	0	0	0	0	0
0.020539	0	0	0	0	0	0

0.003608	0	0	0	0	0	0
0.020424	0	0	0	0	0	0
0.009179	0	0	0	0	0	0
0.028785	0	0	0	0	0	0
0.008318	0	0	0	0	0	0
0.094296	0	0	0	0	0	0
0.012486	0	0	0	0	0	0
0.082375	0	0	0	0	0	0
0.165567	0	0	0	0	0	0
0.047597	0	0	0	0	0	0
0.643914	0.11	0	0	0	0	0
0.023688	0	0	0	0	0	0
0.031778	0	0	0	0	0	0
0.043047	0	0	0	0	0	0
0.024207	0	0	0	0	0	0
0.015898	0	0	0	0	0	0
0.027924	0	0	0	0	0	0
0.012434	0	0	0	0	0	0
0.012953	0	0	0	0	0	0
0.015888	0	0	0	0	0	0
0.020138	0	0	0	0	0	0
0.018921	0	0	0	0	0	0
0.029534	0	0	0	0	0	0
0.014719	0	0	0	0	0	0
0.010189	0	0	0	0	0	0
0.007052	0	0	0	0	0	0
0.006383	0	0	0	0	0	0
0.015159	0	0	0	0	0	0
0.032183	0	0	0	0	0	0
0.031723	0	0	0	0	0	0
0.012836	0	0	0	0	0	0
0.009464	0	0	0	0	0	0
0.029651	0	0	0	0	0	0
0.035324	0	0	0	0	0	0
0.02663	0	0	0	0	0	0
0.028932	0	0	0	0	0	0
0.021495	0	0	0	0	0	0
0.02077	0	0	0	0	0	0
0.024767	0	0	0	0	0	0
0.046552	0	0	0	0	0	0
0.006704	0	0	0	0	0	0
0.030985	0	0	0	0	0	0
0.013097	0	0	0	0	0	0
0.017564	0	0	0	0	0	0
0.012967	0	0	0	0	0	0
0.011401	0	0	0	0	0	0
0.034731	0	0	0	0	0	0
0.052235	0	0	0	0	0	0
0.042443	0	0	0	0	0	0
0.183886	0.37	5	0	0	0	5

0.003837	0	0	0	0	0	0
0.012893	0	0	0	0	0	0
0.003232	0	0	0	0	0	0
0.015914	0	0	0	0	0	0
0.005995	0	0	0	0	0	0
0.004442	0	0	0	0	0	0
0.006717	0	0	0	0	3	3
0.632767	0.02	0	0	8	0	8
0.001194	0	0	0	0	0	0
0.004119	0	0	0	0	0	0
0.002607	0	0	0	0	0	0
0.003269	0	0	0	0	0	0
0.007604	0	0	0	0	0	0
0.415812	0.05	0	0	0	7	7
0.007337	0	0	0	0	0	0
0.00507	0	0	0	0	0	0
0.00533	0	0	0	0	0	0
0.007458	0	0	0	0	0	0
0.003302	0	0	0	0	0	0
0.003209	0	0	0	0	0	0
0.002392	0	0	0	0	0	0
0.004447	0	0	0	0	0	0
0.019591	0	0	0	0	0	0
0.005333	0	0	0	0	0	0
0.05202	0	0	0	0	0	0
0.017049	0	0	0	4	0	4
0.089716	0	0	0	0	0	0
0.063903	0	0	0	0	0	0
0.028025	0	0	0	0	0	0
0.106518	0	0	0	0	0	0
0.021993	0	0	0	0	0	0
0.971744	0	0	0	0	0	0
0.03213	0	0	0	0	0	0
0.053995	0	0	0	0	0	0
0.030691	0	0	0	0	0	0
0.034574	0	0	0	0	0	0
0.013579	0	0	0	0	0	0
0.103908	0	0	0	0	0	0
0.112082	0	0	0	0	0	0
0.076897	0	0	0	0	0	0
0.014705	0	0	0	0	0	0
0.005717	0	0	0	0	0	0
0.00225	0	0	0	0	0	0
0.006079	0	0	0	0	0	0
0.005359	0	0	0	0	0	0
0.00511	0	0	0	0	0	0
0.00544	0	0	0	0	0	0
0.006712	0	0	0	0	0	0
0.15054	0	0	0	0	0	0
0.17133	0	0	0	0	0	0

0.03918	0	0	0	0	0	0
0.021773	0	0	0	0	0	0
0.003346	0	0	0	0	0	0
0.009466	0	0	0	0	0	0
0.003204	0	0	0	0	0	0
0.051425	0	0	0	0	0	0
0.035997	0	0	0	0	0	0
0.007517	0	0	0	0	0	0
0.007342	0	0	0	0	0	0
0.007936	0	0	0	0	0	0
0.006853	0	0	0	0	0	0
0.005744	0	0	0	0	0	0
0.008043	0	0	0	0	0	0
0.004363	0	0	0	0	0	0
0.000533	0	0	0	0	0	0
0.013962	0	0	0	0	0	0
0.014502	0	0	0	0	0	0
0.026169	0	0	0	0	0	0
0.014004	0	0	0	0	0	0
0.006639	0	0	0	0	0	0
0.03831	0	0	0	0	0	0
0.046587	0	0	0	0	0	0
0.008415	0	0	0	0	0	0
0.05056	0	0	0	0	0	0
0.042475	0	0	0	0	0	0
0.064951	0	0	0	0	0	0
0.026731	0	0	0	0	0	0
0.005812	0	0	0	0	0	0
0.00235	0	0	0	0	0	0
0.001404	0	0	0	0	0	0
0.010492	0	0	0	0	0	0
0.003652	0	0	0	0	0	0
0.000796	0.01	0	0	0	0	0
0.028232	0	0	0	0	0	0
0.005441	0	0	0	0	0	0
0.013298	0	0	0	0	0	0
0.009559	0	0	0	0	0	0
0.039186	0	0	0	0	0	0
0.070302	0	0	0	0	0	0
0.021297	0	0	0	0	0	0
0.099875	0	0	0	0	0	0
0.093784	0	0	0	0	0	0
0.090128	0	0	0	0	0	0
0.041462	0	0	0	0	0	0
0.029552	0	0	0	0	0	0
0.037542	0	0	0	0	0	0
0.047515	0	0	0	0	0	0
0.043385	0	0	0	0	0	0
0.039492	0	0	0	0	0	0
0.074974	0	0	0	0	0	0

0.066841	0	0	0	0	0	0
0.11384	0	0	0	0	0	0
0.039179	0	0	0	0	0	0
0.071542	0	0	0	0	0	0
0.027897	0	0	0	0	0	0
0.053505	0	0	0	0	0	0
0.028872	0	0	0	0	0	0
0.049311	0	0	0	0	0	0
0.050706	0	0	0	0	0	0
0.018081	0	0	0	0	0	0
0.007539	0	0	0	0	0	0
0.006181	0	0	0	0	0	0
0.009049	0	0	0	0	0	0
0.006072	0	0	0	0	0	0
0.00925	0	0	0	0	0	0
0.012631	0	0	0	0	0	0
0.000252	0	0	0	0	0	0
0.051014	0	0	0	0	0	0
0.030937	0	0	0	0	0	0
0.084878	0	0	0	0	0	0
0.064541	0	0	0	0	0	0
0.12804	0	0	0	0	0	0
0.255226	0	0	0	0	0	0
0.013973	0	0	0	0	0	0
0.066233	0	0	0	0	0	0
0.077683	0	0	0	0	0	0
0.246611	0.01	0	0	0	0	0
0.268893	0.02	0	0	0	0	0
0.058199	0	0	0	0	0	0
0.436231	0.11	0	0	0	0	0
0.063264	0	0	0	0	0	0
0.050929	0	0	0	0	0	0
0.080914	0	0	0	0	0	0
0.24063	0	0	0	0	0	0
0.126181	0	0	0	0	0	0
0.278845	0	0	0	0	0	0
0.17805	0	0	0	0	0	0
0.159157	0	0	0	0	0	0
0.078062	0	0	0	0	0	0
0.070916	0	0	0	0	0	0
0.028907	0	0	0	0	0	0
0.004033	0	0	0	0	0	0
0.002958	0	0	0	0	0	0
0.01819	0	0	0	0	0	0
0.0598	0	0	0	0	0	0
0.064975	0	0	0	0	0	0
0.065877	0	0	0	0	0	0
0.066349	0	0	0	0	0	0
0.039164	0	0	0	0	0	0
0.044458	0	0	0	0	0	0

0.04653	0	0	0	0	0	0
0.080426	0	0	0	0	0	0
0.045126	0	0	0	0	0	0
0.035761	0	0	0	0	0	0
0.0369	0	0	0	0	0	0
0.026442	0	0	0	0	0	0
0.023635	0	0	0	0	0	0
0.018763	0	0	0	0	0	0
0.016814	0	0	0	0	0	0
0.021613	0	0	0	0	0	0
0.018172	0	0	0	0	0	0
0.017925	0	0	0	0	0	0
0.020229	0	0	0	0	6	6
0.013223	0	6	0	0	0	6
0.012329	0	0	0	0	0	0
0.012335	0	0	0	0	0	0
0.011735	0	0	0	0	0	0
0.012782	0	0	0	0	0	0
0.322059	0	0	0	1	0	1
0.005762	0	0	0	0	0	0
0.005999	0	0	0	0	0	0
0.011149	0	0	0	0	0	0
0.008459	0	0	0	0	0	0
0.008095	0	0	0	0	0	0
0.006314	0	0	0	0	0	0
0.007335	0	0	0	0	0	0
0.008044	0	0	0	0	0	0
0.006271	0	0	0	0	0	0
0.005257	0	0	0	0	4	4
0.004979	0	4	0	0	0	4
0.005224	0	0	0	0	0	0
0.004987	0	0	0	0	0	0
0.003366	0	0	0	0	0	0
0.003475	0	0	0	0	0	0
0.011684	0	0	0	5	0	5
0.006658	0	0	0	0	0	0
0.003333	0	0	0	0	0	0
0.002947	0	0	0	0	0	0
0.002335	0	0	0	0	0	0
0.004181	0	0	0	0	0	0
0.003332	0	0	0	0	0	0
0.002641	0	0	0	0	0	0
0.027999	0	0	0	0	0	0
0.007078	0	0	10	0	6	16
0.010936	0	6	0	0	4	10
0.021333	0	4	0	0	0	4
0.000423	0	0	0	0	0	0
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0.000323	0	0	0	0	0	0
0.000501	0	0	0	0	0	0

0.001794	0	0	0	0	0	0
0.001073	0	0	0	0	0	0
0.001336	0	0	0	0	0	0
0.001636	0	0	0	0	0	0
0.000844	0	0	0	0	0	0
0.001238	0	0	0	0	0	0
0.011534	0	0	0	0	0	0
0.005051	0	0	0	0	0	0
0.045556	0	0	0	0	0	0
0.026567	0	0	0	0	0	0
0.020991	0	0	0	0	0	0
0.045564	0	0	0	0	0	0
0.036997	0	0	0	0	0	0
0.021207	0	0	0	0	0	0
0.019755	0	0	0	0	0	0
0.022039	0	0	0	0	0	0
0.03493	0	0	0	0	0	0
0.027456	0	0	0	0	0	0
0.026602	0	0	0	0	0	0
0.017205	0	0	0	0	0	0
0.029649	0	0	0	0	0	0
0.023309	0	0	0	0	0	0
0.034221	0	0	0	0	0	0
0.018156	0	0	0	0	0	0
0.023493	0	0	0	0	0	0
0.004112	0	0	0	0	0	0
0.019029	0	0	0	0	0	0
0.007351	0	0	0	0	0	0
0.010561	0	0	0	0	0	0
0.009438	0	0	0	0	0	0
0.014173	0	0	0	0	0	0
0.032644	0	0	0	0	0	0
0.042729	0	0	0	0	0	0
0.041752	0	0	0	0	0	0
0.021372	0	0	0	0	0	0
0.065893	0	0	0	0	0	0
0.059045	0	0	0	0	0	0
0.067133	0	0	0	0	0	0
0.034183	0	0	0	0	0	0
0.046041	0	0	0	0	0	0
0.044984	0	0	0	0	0	0
0.533071	0	0	0	0	0	0
0.114106	0	0	0	0	0	0
0.002625	0	0	0	0	0	0
0.003916	0	0	0	0	0	0
0.004221	0	0	0	0	0	0
0.004358	0	0	0	0	0	0
0.002981	0	0	0	0	0	0
0.007055	0	0	0	0	0	0
0.007002	0	0	0	0	0	0

0.007538	0	0	0	0	0	0
0.232858	0	0	0	0	0	0
0.577517	0	0	0	0	0	0
0.018817	0	0	0	0	0	0
0.005532	0	0	0	0	0	0
0.020357	0	0	0	0	0	0
0.008056	0	0	0	0	0	0
0.0147	0	0	0	0	0	0
0.035884	0	0	0	0	0	0
0.103265	0	0	0	0	0	0
0.014559	0	0	0	0	0	0
0.009085	0	0	0	0	0	0
0.014618	0	0	0	0	0	0
0.018019	0	0	0	0	0	0
0.016311	0	0	0	0	0	0
0.002585	0	0	0	0	0	0
0.014557	0	0	0	0	0	0
0.003114	0	0	0	0	0	0
0.003553	0	0	0	0	0	0
0.003938	0	0	0	0	0	0
0.008469	0	0	0	0	0	0
0.062065	0	0	4	4	0	8
0.006912	0	0	0	0	0	0
0.015984	0	0	0	0	0	0
0.613511	0	0	0	0	0	0
0.020035	0	0	0	0	0	0
0.011173	0	0	0	0	0	0
0.016946	0	0	0	0	0	0
0.020233	0	0	0	0	0	0
0.022079	0	0	0	0	0	0
0.077854	0	0	0	0	0	0
0.027369	0	0	0	0	0	0
0.036319	0	0	0	0	0	0
0.028977	0	3	0	0	0	3
0.01414	0	0	0	0	0	0
0.013437	0	0	0	0	0	0
0.032878	0	0	0	0	0	0
0.018335	0	0	0	0	0	0
0.016191	0	0	0	0	0	0
0.227744	0	0	0	0	0	0
0.037251	0	0	0	0	0	0
0.008286	0	0	0	0	0	0
0.008033	0	0	0	0	0	0
0.024436	0	0	0	0	0	0
0.062039	0	0	0	0	0	0
0.030364	0	0	0	0	0	0
0.024435	0	0	0	0	0	0
0.043089	0	0	0	0	0	0
0.019649	0	0	0	0	0	0
0.016213	0	0	0	0	0	0



0.008606	0	0	0	0	0	0
0.024613	0	0	0	0	0	0
0.002422	0	0	0	0	0	0
0.001836	0	0	5	0	0	5
0.002634	0	0	0	0	0	0
0.001734	0	0	0	0	0	0
0.003634	0	0	0	0	0	0
0.002464	0	0	0	7	0	7
0.01544	0	0	0	0	0	0
0.007199	0	0	0	0	0	0
0.007472	0	0	0	0	0	0
0.005641	0	0	0	0	0	0
0.511052	0.02	0	0	0	0	0
0.004623	0	0	0	0	0	0
0.003307	0	0	0	0	0	0
0.008693	0	0	0	0	0	0
0.011612	0	0	0	0	0	0
0.003007	0	0	0	0	0	0
0.171025	0	0	0	0	0	0
0.017239	0	0	0	0	0	0
0.034559	0	0	0	0	0	0
0.026231	0	0	0	0	0	0
0.024645	0	0	0	0	0	0
0.007518	0	0	0	0	0	0
0.002946	0	0	0	0	0	0
0.003941	0	0	0	0	0	0
0.007117	0	0	0	0	0	0
0.011959	0	0	0	0	0	0
0.018999	0	0	0	0	0	0
0.048351	0	0	0	0	0	0
0.015235	0	0	0	0	0	0
0.009492	0	0	0	0	0	0
0.008018	0	0	0	0	0	0
0.006778	0	0	0	0	0	0
0.005332	0	0	0	0	0	0
0.005694	0	0	0	0	0	0
0.008315	0	0	0	0	0	0
0.022964	0	0	0	0	0	0
0.010362	0	0	0	0	0	0
0.404307	0.17	0	0	0	0	0
0.01722	0	0	0	0	0	0
0.017651	0	0	0	0	0	0
0.052633	0	0	0	0	0	0
0.049459	0	0	0	0	0	0
0.019049	0	0	0	0	0	0
0.088784	0	0	0	0	0	0
0.006678	0	0	0	0	0	0
0.014517	0	0	0	0	0	0
0.01653	0	0	0	0	0	0
0.019186	0	0	0	0	0	0

0.056924	0	0	0	0	0	0
0.067362	0	0	0	0	0	0
0.043146	0	0	0	0	0	0
0.037026	0	0	0	0	0	0
0.043994	0	0	0	0	0	0
0.039734	0	0	0	0	0	0
0.045932	0	0	0	0	0	0
0.025905	0	0	0	0	0	0
0.022904	0	0	0	0	0	0
0.040132	0	0	0	0	0	0
0.03352	0	0	0	0	0	0
0.0447	0	0	0	0	0	0
0.055501	0	0	0	0	0	0
0.369929	0	0	0	0	0	0
0.393216	0	0	0	0	0	0
0.325486	0	0	0	0	0	0
0.343718	0	0	0	0	0	0
0.136237	0	0	0	0	0	0
0.042323	0	0	0	0	0	0
0.262386	0	0	0	0	0	0
0.279093	0	0	0	0	0	0
0.189297	0	0	0	0	0	0
0.439837	0	0	0	0	0	0
0.066429	0	0	0	0	0	0
0.043298	0	0	0	0	0	0
0.160328	0	0	0	0	0	0
0.305487	0	0	0	0	0	0
0.063212	0	0	0	0	0	0
0.005403	0	0	0	0	0	0
0.026137	0	0	0	0	0	0
0.005022	0	0	0	0	0	0
0.012197	0	0	0	0	0	0
0.011291	0	0	0	0	0	0
0.016478	0	0	0	0	0	0
0.035573	0	0	0	0	0	0
0.010389	0	0	0	0	0	0
0.008055	0	0	0	0	0	0
0.023792	0	0	0	0	0	0
0.005809	0	0	0	0	0	0
0.019868	0	0	0	0	0	0
0.018534	0	0	0	0	0	0
0.031848	0	0	0	0	0	0
0.018909	0	0	0	0	0	0
0.024099	0	0	0	0	0	0
0.020997	0	0	0	0	0	0
0.02432	0	0	0	0	0	0
0.04298	0	0	0	0	0	0
0.030931	0	0	0	0	0	0
0.021212	0	0	0	0	0	0
0.018826	0	0	0	0	0	0

0.056278	0	0	0	0	0	0
0.052698	0	0	0	0	0	0
0.021295	0	0	0	0	0	0
0.027703	0	0	0	0	0	0
0.044927	0	0	0	0	0	0
0.028274	0	0	0	0	0	0
0.046595	0	0	0	0	0	0
0.032124	0	0	0	0	0	0
0.039533	0	0	0	0	0	0
0.047118	0	0	0	0	0	0
0.075562	0	0	0	0	0	0
0.166889	0	0	0	0	0	0
0.028758	0	0	0	0	0	0
0.011019	0	0	0	0	0	0
0.026333	0	0	0	0	0	0
0.02274	0	0	0	0	0	0
0.031063	0	0	0	0	0	0
0.029308	0	0	0	0	0	0
0.041307	0	0	0	0	0	0
0.022036	0	0	0	0	0	0
0.018251	0	0	0	0	0	0
0.015895	0	0	0	0	0	0
0.038417	0	0	0	0	0	0
0.258121	0	0	0	0	0	0
0.032666	0	0	0	0	0	0
0.023459	0	0	0	0	0	0
0.033216	0	0	0	0	0	0
0.022275	0	0	0	0	0	0
0.016461	0	0	0	0	0	0
0.016279	0	0	0	0	0	0
0.021808	0	0	0	0	0	0
0.016581	0	0	0	0	0	0
0.046863	0	0	0	0	0	0
0.03501	0	0	0	0	0	0
0.040722	0	0	0	0	0	0
0.02975	0	0	0	0	0	0
0.035804	0	0	0	0	0	0
0.038633	0	0	0	0	0	0
0.04654	0	0	0	0	0	0
0.049954	0	0	0	0	0	0
0.033182	0	0	0	0	0	0
0.036455	0	0	0	0	0	0
0.028112	0	0	0	0	0	0
0.023058	0	0	0	0	0	0
0.092324	0	0	0	0	0	0
0.055582	0	0	0	0	0	0
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0.042513	0	0	0	0	0	0
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0.043823	0	0	0	0	0	0

0.028332	0	0	0	0	0	0
0.023316	0	0	0	0	0	0
0.018877	0	0	0	0	0	0
0.021681	0	0	0	0	0	0
0.022348	0	0	0	0	0	0
0.024818	0	0	0	0	0	0
0.028668	0	0	0	0	0	0
0.042708	0	0	0	0	0	0
0.013869	0	0	0	0	0	0
0.100555	0	0	0	0	0	0
0.022497	0	0	0	0	0	0
0.012347	0	0	0	0	0	0
0.019757	0	0	0	0	0	0
0.010728	0	0	0	0	0	0
0.108007	0	0	0	0	0	0
0.016552	0	0	0	0	0	0
0.010277	0	0	0	0	0	0
0.076904	0	0	0	0	0	0
0.084567	0	0	0	0	0	0
0.057696	0	0	0	0	0	0
0.048783	0	0	0	0	0	0
0.024513	0	0	0	0	0	0
0.054178	0	0	0	0	0	0
0.010536	0	0	0	0	0	0
0.125701	0	0	0	0	0	0
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0.010487	0	0	0	0	0	0
0.012856	0	0	0	0	0	0
0.029379	0	0	0	0	0	0
0.092154	0	0	0	0	0	0
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0.02823	0	0	0	0	0	0
0.01856	0	0	0	0	0	0
0.027388	0	0	0	0	0	0
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0.061972	0	0	0	0	0	0
0.036488	0	0	0	0	0	0
0.078118	0	0	0	0	0	0
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0.05833	0	0	0	0	0	0
0.050369	0	0	0	0	0	0
0.054413	0	0	0	0	0	0
0.050971	0	0	0	0	0	0
0.041592	0	0	0	0	0	0
0.036408	0	0	0	0	0	0
0.04315	0	0	0	0	0	0
0.310941	0.09	0	0	0	0	0
0.030651	0	0	0	0	0	0
0.010467	0	0	0	0	0	0

0.088593	0	0	0	0	0	0
0.057664	0	0	0	0	0	0
0.04931	0	0	0	0	0	0
0.037943	0	0	0	0	0	0
0.290489	0	0	0	0	0	0
0.150945	0	0	0	0	0	0
0.10124	0	0	0	0	0	0
0.081274	0	0	0	0	0	0
0.111689	0	0	0	0	0	0
0.022454	0	0	0	0	0	0
0.049116	0	0	0	0	0	0
0.021307	0	0	0	0	0	0
0.133455	0	0	0	0	0	0
0.137902	0	0	0	0	0	0
0.025117	0	0	0	0	0	0
0.025292	0	0	0	0	0	0
0.294166	0	0	0	0	0	0
0.07528	0	0	0	0	0	0
0.14343	0	0	0	0	0	0
0.018318	0	0	0	0	0	0
0.023356	0	0	0	0	0	0
0.081985	0	0	0	0	0	0
0.064548	0	0	0	0	0	0
0.042693	0	0	0	0	0	0
0.105639	0	0	0	0	0	0
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0.044117	0	0	0	0	0	0
0.162918	0	0	0	0	0	0
0.015431	0	0	0	0	0	0
0.026981	0	0	0	0	0	0
0.057563	0	0	0	0	0	0
0.055092	0	0	0	0	0	0
0.050478	0	0	0	0	0	0
0.079049	0	0	0	0	0	0
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0.048747	0	0	0	0	0	0
0.032283	0	0	0	0	0	0
0.051936	0	0	0	0	0	0
0.051174	0	0	0	0	0	0
0.00472	0	0	0	0	0	0
0.077316	0	0	0	0	0	0
0.025761	0	0	0	0	0	0
0.028047	0	0	0	0	0	0
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0.003597	0	0	0	0	0	0
0.005626	0	0	0	0	0	0
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0.012938	0	0	0	0	0	0
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0.029107	0	0	0	0	0	0
0.020194	0	0	0	0	0	0
0.017143	0	0	0	0	0	0
0.021423	0	0	0	0	0	0
0.009462	0	0	0	0	0	0
0.031125	0	0	0	0	0	0
0.029119	0	0	0	0	0	0
0.036958	0	0	0	0	0	0
0.025565	0	0	0	0	0	0
0.020123	0	0	0	0	0	0
0.02456	0	0	0	0	0	0
0.022716	0	0	0	0	0	0
0.026752	0	0	0	0	0	0
0.086593	0.01	0	0	0	0	0
0.001562	0	0	0	0	0	0
0.001279	0	0	0	0	4	4
0.009154	0	0	0	0	0	0
0.008495	0	0	0	0	0	0
0.004207	0	0	0	0	0	0
0.003694	0	0	0	0	0	0
0.004302	0	0	0	0	0	0
0.004559	0	0	0	0	0	0
0.005428	0	0	0	0	0	0
0.002646	0	0	0	0	0	0
0.019871	0	0	0	0	0	0
0.011372	0	0	0	0	0	0
0.001303	0	0	0	0	0	0
0.001951	0	0	0	0	0	0
0.001298	0	0	0	0	0	0
0.001305	0	0	0	0	0	0
0.007064	0	0	0	0	0	0
0.004402	0	0	0	0	0	0
0.001586	0	0	0	0	0	0
0.01808	0	0	0	0	0	0
0.001176	0	0	0	0	0	0
0.020669	0.02	0	0	0	0	0
0.011807	0	0	0	0	0	0
0.003454	0	0	0	0	0	0
0.014757	0	0	0	0	0	0
0.010308	0	0	0	0	0	0
0.018408	0	0	0	10	0	10
0.021895	0	0	0	0	0	0
0.003178	0	0	0	0	0	0
0.003857	0	0	0	0	0	0
0.003527	0	0	0	0	0	0
0.002076	0	0	0	0	0	0

0.00582	0	0	0	0	0	0
0.020208	0	0	0	0	0	0
0.008484	0	0	0	0	0	0
0.006331	0	0	0	0	0	0
0.01224	0	0	0	0	0	0
0.012193	0	0	0	0	0	0
0.011259	0	0	0	0	0	0
0.007246	0	0	0	0	0	0
0.014222	0	0	0	0	0	0
0.010572	0	0	0	0	0	0
0.014353	0	0	0	0	0	0
0.021417	0	0	0	0	0	0
0.015141	0	0	0	0	0	0
0.028409	0	0	0	0	0	0
0.022453	0	0	0	0	0	0
0.020403	0	0	0	0	0	0
0.018765	0	0	0	0	0	0
0.024341	0	0	0	0	0	0
0.035844	0	0	0	0	0	0
0.050879	0	0	0	0	0	0
0.107513	0	0	0	0	0	0
0.014066	0	0	0	0	0	0
0.026665	0	0	0	0	0	0
0.016217	0	0	0	0	0	0
0.041452	0	0	0	0	0	0
0.02797	0	0	0	0	0	0
0.023941	0	0	0	0	0	0
0.033234	0	0	0	0	0	0
0.027844	0	0	0	0	0	0
0.033968	0	0	0	0	0	0
0.027655	0	0	0	0	0	0
0.03445	0	0	0	0	0	0
0.01379	0	0	0	0	0	0
0.018731	0	0	0	0	0	0
0.009766	0	0	0	0	0	0
0.879871	0.03	0	0	0	0	0
0.038978	0	0	0	2	0	2
0.012684	0	0	0	0	0	0
0.027806	0	0	0	0	0	0
0.013742	0	0	0	0	0	0
0.008971	0	0	0	0	0	0
0.026317	0	0	0	0	0	0
0.038109	0	0	0	0	0	0
0.017789	0	0	0	0	0	0
0.090119	0	0	0	0	0	0
0.111435	0	0	0	0	0	0
0.065257	0	0	0	0	0	0
0.135153	0	0	0	0	0	0
0.060807	0	0	0	0	0	0
0.073069	0	0	0	0	0	0

0.133371	0	0	0	0	0	0
0.110545	0	0	0	0	0	0
0.052581	0	0	0	0	0	0
0.197031	0	0	0	0	0	0
0.05964	0	0	0	0	0	0
0.101542	0	0	0	0	0	0
0.011348	0	0	0	0	0	0
0.431561	0.12	0	0	0	0	0
0.025558	0	0	0	0	0	0
0.121265	0	0	0	0	0	0
0.026074	0	0	0	0	0	0
0.026037	0	0	0	0	0	0
0.037786	0	0	0	0	0	0
0.042726	0	0	0	0	0	0
0.804764	0	0	0	0	0	0
0.047225	0	0	0	0	0	0
0.28032	0.14	0	0	0	0	0
0.156525	0	0	0	0	0	0
0.069499	0	0	0	0	0	0
0.112947	0	0	0	0	0	0
0.062926	0	0	0	0	0	0
0.012972	0	0	0	0	0	0
0.018706	0	0	0	0	0	0
0.009105	0	0	0	0	0	0
0.013113	0	0	0	0	0	0
0.213612	0	0	0	0	0	0
0.329877	0	0	0	0	0	0
0.195501	0	0	0	0	0	0
0.077772	0	0	0	0	0	0
0.244659	0	0	0	0	0	0
0.106082	0	0	0	0	0	0
0.295507	0	0	0	0	0	0
0.379167	0.12	0	0	0	0	0
0.412713	0	0	0	0	0	0
0.168456	0	0	0	0	0	0
0.066314	0	0	0	0	0	0
0.073284	0	0	0	0	0	0
0.060145	0	0	0	0	0	0
0.099573	0	0	0	0	0	0
0.090561	0	0	0	0	0	0
0.080411	0	0	0	0	0	0
0.278347	0	0	0	0	0	0
0.996542	0	0	0	0	0	0
0.021954	0	0	0	0	0	0
0.027914	0	0	0	0	0	0
0.022371	0	0	0	0	0	0
0.038872	0	0	0	0	0	0
0.031028	0	0	0	0	0	0
0.041581	0	0	0	0	0	0
0.226628	0	0	0	0	0	0



0.029116	0	0	0	0	0	0
0.032741	0	0	0	0	0	0
0.022931	0	0	0	0	0	0
0.010289	0	0	0	0	0	0
0.022896	0	0	0	0	0	0
0.036416	0	0	0	0	0	0
0.068291	0	0	0	0	0	0
0.029004	0	0	0	0	0	0
0.037365	0	0	0	0	0	0
0.030667	0	0	0	0	0	0
0.022496	0	0	0	0	0	0
0.009846	0	0	0	0	0	0
0.016902	0	0	0	0	0	0
0.023123	0	0	0	0	0	0
0.012571	0	0	0	0	0	0
0.022033	0	0	0	0	0	0
0.010328	0	0	0	0	0	0
0.0233	0	0	0	0	0	0
0.011004	0	0	0	0	0	0
0.022588	0	0	0	0	0	0
0.006177	0	0	0	0	0	0
0.009081	0	0	0	0	0	0
0.010322	0	0	0	0	0	0
0.013136	0	0	0	0	0	0
0.020299	0	0	0	0	0	0
0.012668	0	0	0	0	0	0
0.009799	0	0	0	0	0	0
0.004366	0	0	0	0	0	0
0.011131	0	0	0	0	0	0
0.005968	0	0	0	0	0	0
0.00562	0	0	0	0	0	0
0.005334	0	0	0	0	0	0
0.00369	0	0	0	0	0	0
0.001347	0	0	0	0	0	0
0.013771	0	0	0	0	0	0
0.008651	0	0	0	0	0	0
0.013132	0	0	0	0	0	0
0.013876	0	0	0	0	0	0
0.021796	0	0	0	0	0	0
0.012635	0	0	0	0	0	0
0.011148	0	0	0	0	0	0
0.035245	0	0	0	0	1	1
0.03911	0	0	0	0	0	0
0.054898	0	0	0	0	0	0
0.051752	0	0	0	0	0	0
0.055734	0	0	0	0	0	0
0.039693	0	0	0	0	0	0
0.024642	0	0	0	0	0	0
0.027615	0	0	0	0	0	0
0.026366	0	0	0	0	0	0

0.02274	0	0	0	0	0	0
0.080458	0	0	0	0	0	0
0.049801	0	1	0	0	0	1
0.019947	0	0	0	0	0	0
0.071921	0	0	0	0	0	0
0.113171	0	0	0	0	0	0
0.029622	0	0	0	0	0	0
0.034336	0	0	0	0	0	0
0.015747	0	0	0	0	0	0
0.05422	0	0	0	0	0	0
0.012965	0	0	0	0	0	0
0.033921	0	0	0	0	0	0
0.01375	0	0	0	0	0	0
0.084553	0	0	0	0	0	0
0.037726	0	0	0	0	0	0
0.029478	0	0	0	0	0	0
0.043591	0	0	0	0	0	0
0.032296	0	0	0	5	0	5
0.029582	0	0	0	0	0	0
0.032423	0	0	0	0	0	0
0.043269	0	0	0	0	0	0
0.044857	0	0	0	0	0	0
0.05172	0	0	0	0	0	0
0.268381	0	0	0	0	0	0
0.150686	0	0	0	0	0	0
0.038482	0	0	0	0	0	0
0.053185	0	0	0	0	0	0
0.052615	0	0	0	0	0	0
0.045154	0	0	0	0	0	0
0.120075	0	0	0	0	0	0
0.087604	0	0	0	0	0	0
0.049945	0	0	0	0	0	0
0.026326	0	0	0	0	0	0
0.262787	0	0	0	0	0	0
0.032861	0	0	0	0	0	0
0.034715	0	0	0	0	0	0
0.044846	0	0	0	0	0	0
0.042429	0	0	0	0	0	0
0.059127	0	0	0	0	0	0
0.123407	0	0	0	0	0	0
0.095938	0	0	0	0	0	0
0.065283	0	0	0	0	0	0
0.083864	0	0	0	0	0	0
0.08839	0	0	0	0	0	0
0.066899	0	0	0	0	0	0
0.015473	0	0	0	0	0	0
0.067163	0	0	0	0	0	0
0.106908	0	0	0	0	0	0
0.002869	0	0	0	0	0	0
0.011698	0	0	0	0	0	0

0.001887	0	0	0	0	0	0
0.000627	0	0	0	0	0	0
0.002521	0	0	0	0	0	0
0.001794	0	0	0	0	0	0
0.007184	0	0	0	0	0	0
0.019126	0	0	0	0	0	0
0.059141	0	0	0	0	0	0
0.266518	0	0	0	0	0	0
0.266071	0	0	0	0	0	0
0.132691	0	0	0	0	0	0
0.043451	0	0	0	0	0	0
0.051808	0	0	0	0	0	0
0.441505	0	0	0	0	1	1
0.042128	0	1	0	0	0	1
0.050198	0	0	0	0	0	0
0.049892	0	0	0	0	0	0
0.071966	0	0	0	0	0	0
0.080179	0	0	0	0	0	0
0.076875	0	0	0	0	0	0
0.036509	0	0	0	0	0	0
0.061263	0	0	0	0	0	0
0.203744	0	0	0	0	0	0
0.293762	0	0	0	0	0	0
0.220326	0	0	0	0	0	0
0.146508	0	0	0	0	0	0
0.052208	0	0	0	0	0	0
0.071523	0	0	0	0	0	0
0.070493	0	0	0	0	0	0
0.071842	0	0	0	0	0	0
0.11049	0	0	0	0	0	0
0.103741	0	0	0	0	0	0
0.342575	0	0	0	0	0	0
0.159116	0	0	0	0	0	0
0.090838	0	0	0	0	0	0
0.027393	0	0	0	0	0	0
0.042737	0	0	0	0	0	0
0.084874	0	0	0	0	0	0
0.409286	0	0	0	0	0	0
0.582365	0	0	0	0	0	0
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0.050574	0	0	0	0	0	0
0.03295	0	0	0	0	0	0
0.022695	0	0	0	0	0	0
0.020869	0	0	0	0	0	0
0.036541	0	0	0	0	0	0
0.048802	0	0	0	0	0	0
0.055521	0	0	0	0	0	0
0.029417	0	0	0	0	0	0
0.044375	0	0	0	0	0	0
0.031738	0	0	0	0	0	0

0.033484	0	0	0	0	0	0
0.035267	0	0	0	0	0	0
0.012492	0	0	0	0	0	0
0.029805	0	0	0	0	0	0
0.017567	0	0	0	0	0	0
0.019592	0	0	0	0	0	0
0.023243	0	0	0	0	0	0
0.020267	0	0	0	0	0	0
0.019972	0	0	0	0	0	0
0.032842	0	0	0	0	0	0
0.027869	0	0	0	0	0	0
0.060079	0	0	0	0	0	0
0.012531	0	0	0	0	0	0
0.018111	0	0	0	0	0	0
0.051859	0	0	0	0	0	0
0.0087	0	0	0	0	0	0
0.035229	0	0	0	0	0	0
0.079811	0	0	0	0	0	0
0.046646	0	0	0	0	0	0
0.040747	0	0	0	0	0	0
0.028082	0	0	0	0	0	0
0.017824	0	0	0	0	0	0
0.005016	0	0	0	0	0	0
0.0053	0	0	0	0	0	0
0.003421	0	0	0	0	0	0
0.014522	0	0	0	0	0	0
0.138968	0	0	0	0	0	0
0.015668	0	0	0	0	0	0
0.012327	0	0	0	0	0	0
0.003708	0	0	0	0	0	0
0.006719	0	0	0	0	9	9
0.017384	0	9	0	0	0	9
0.016537	0	0	0	0	0	0
0.003526	0	0	0	0	0	0
0.014046	0	0	0	0	0	0
0.061323	0	0	0	0	0	0
0.016627	0	0	0	0	0	0
0.005887	0	0	0	0	0	0
0.003275	0	0	0	0	0	0
0.009017	0	0	0	0	0	0
0.006479	0	0	0	0	0	0
0.008798	0	0	0	0	0	0
0.002282	0	0	0	0	0	0
0.023325	0	0	0	0	0	0
0.001433	0	0	0	0	0	0
0.023722	0	0	0	0	0	0
0.014631	0	0	0	0	0	0
0.013402	0	0	0	0	0	0
0.01818	0	0	0	0	0	0
0.008136	0	0	0	0	0	0

0.006224	0	0	0	0	0	0
0.026114	0	0	0	0	0	0
0.063057	0	0	0	0	0	0
0.070445	0	0	0	0	0	0
0.018768	0	0	0	0	0	0
0.022724	0	0	0	0	0	0
0.026209	0	0	0	0	0	0
0.028022	0	0	0	0	0	0
0.02575	0	0	0	0	0	0
0.02343	0	0	0	0	0	0
0.024623	0	0	0	0	0	0
0.043426	0	0	0	0	0	0
0.019629	0	0	0	0	0	0
0.022557	0	0	0	0	0	0
0.05441	0	0	0	0	0	0
0.025105	0	0	0	0	0	0
0.03224	0	0	0	0	0	0
0.018227	0	0	0	0	0	0
0.007055	0	0	0	0	0	0
0.01365	0	0	0	0	0	0
0.015135	0	0	0	0	0	0
0.050447	0	0	0	0	0	0
0.041331	0	0	0	0	0	0
0.010373	0	0	0	0	0	0
0.05163	0	0	0	0	0	0
0.03553	0	0	0	0	0	0
0.037598	0	0	0	0	0	0
0.038637	0	0	0	0	0	0
0.027062	0	0	0	0	0	0
0.138102	0	0	0	0	0	0
0.006854	0	0	0	0	0	0
0.002464	0	0	0	0	0	0
0.002317	0	0	0	0	0	0
0.004682	0	0	0	0	1	1
0.00747	0	1	0	0	0	1
0.012265	0	0	0	0	0	0
0.003266	0	0	0	0	1	1
0.053718	0	0	0	0	0	0
0.056449	0	0	0	0	0	0
0.057805	0	0	0	0	0	0
0.061136	0	0	0	0	0	0
0.041117	0	0	0	0	0	0
0.029082	0	0	0	0	0	0
0.027782	0	0	0	0	0	0
0.547992	0	0	0	0	0	0
0.262525	0	0	0	0	0	0
0.261516	0	0	0	0	0	0
0.038215	0.01	0	0	0	0	0
0.024615	0	0	0	0	0	0
0.201254	0	0	0	0	0	0

0.044027	0	0	0	0	0	0
0.059506	0	0	0	0	0	0
0.07387	0	0	0	0	0	0
0.141887	0	0	0	0	0	0
0.196105	0	0	0	0	0	0
0.030878	0	0	0	0	0	0
0.16935	0	0	0	0	0	0
0.009007	0	0	0	0	0	0
0.036052	0	0	0	0	0	0
0.019001	0	0	0	0	0	0
0.013817	0	0	0	0	0	0
0.010969	0	0	0	0	0	0
0.009113	0	0	0	0	0	0
0.011237	0	0	0	0	0	0
0.019437	0	0	0	0	0	0
0.02321	0	0	0	0	0	0
0.534929	0	0	0	0	0	0
0.00187	0	0	0	0	0	0
0.000555	0	0	0	0	0	0
0.011962	0	0	0	0	0	0
0.007019	0	0	0	0	0	0
0.062155	0	0	0	0	0	0
0.005323	0	0	0	0	0	0
0.010014	0	0	0	0	0	0
0.004346	0	0	0	0	0	0
0.006982	0	0	0	0	0	0
0.005951	0	0	0	0	0	0
0.068575	0	0	0	0	0	0
0.068608	0	0	0	0	0	0
0.015452	0	0	0	0	0	0
0.149165	0	0	0	0	0	0
0.029193	0	0	0	0	0	0
0.014641	0	0	0	0	0	0
0.502074	0	0	0	0	0	0
0.423134	0	0	0	0	0	0
0.045095	0	0	0	0	0	0
0.150508	0	0	0	0	0	0
0.087616	0	0	0	0	0	0
0.081021	0	0	0	0	0	0
0.029876	0	0	0	0	0	0
0.021759	0	0	0	0	0	0
0.037767	0	0	0	0	0	0
0.01868	0	0	0	0	0	0
0.022321	0	0	0	0	0	0
0.032758	0	0	0	0	0	0
0.01177	0	0	0	0	0	0
0.0107	0	0	0	0	0	0
0.008858	0	0	0	0	0	0
0.061339	0	0	0	0	0	0
0.064256	0	0	0	0	0	0

0.071647	0	0	0	0	0	0
0.03663	0	0	4	0	0	4
0.015503	0	0	0	0	0	0
0.16249	0	0	0	0	0	0
0.020787	0	0	0	0	0	0
0.107153	0	0	0	0	0	0
0.061355	0	0	0	0	0	0
0.452079	0.24	0	4	4	4	12
0.604472	0.43	4	0	0	0	4
0.102917	0	0	0	0	0	0
0.020214	0	0	0	0	0	0
0.031751	0	0	0	0	0	0
0.009376	0	0	0	0	0	0
0.120476	0	0	0	0	0	0
0.029523	0	0	0	0	0	0
0.020587	0	0	0	0	0	0
0.015721	0	0	0	0	0	0
0.031134	0	0	0	0	0	0
0.027163	0	0	0	0	0	0
0.013289	0	0	0	0	0	0
0.058667	0	0	0	0	0	0
0.016444	0	0	0	0	0	0
0.006252	0	0	0	0	0	0
0.01485	0	0	0	0	0	0
0.013154	0	0	0	0	0	0
0.026024	0	0	0	0	0	0
0.011363	0	0	0	0	0	0
0.053711	0	0	4	0	0	4
0.014598	0	0	0	0	0	0
0.007799	0	0	0	0	0	0
0.049897	0	0	0	0	0	0
0.007503	0	0	0	0	0	0
0.009856	0	0	0	0	0	0
0.013246	0	0	0	0	0	0
0.006406	0	0	0	0	0	0
0.08717	0	0	0	0	0	0
0.044085	0	0	0	0	0	0
0.009654	0	0	0	0	0	0
0.017255	0	0	0	0	0	0
0.007932	0	0	0	0	0	0
0.007405	0	0	0	0	0	0
0.005383	0	0	0	0	0	0
0.003529	0	0	0	0	0	0
0.004828	0	0	0	0	0	0
0.009991	0	0	0	0	0	0
0.003821	0	0	0	0	0	0
0.002353	0	0	0	0	0	0
0.002963	0	0	0	0	0	0
0.005361	0	0	0	0	0	0
0.004709	0	0	0	0	3	3

0.00056	0	3	0	0	0	3
0.001299	0	0	0	0	0	0
0.003627	0	0	0	0	9	9
0.007773	0	9	0	0	0	9
0.002859	0	0	0	0	0	0
0.003733	0	0	0	0	0	0
0.001535	0	0	0	0	0	0
0.002005	0	0	0	0	0	0
0.059481	0	0	0	0	0	0
0.029893	0	0	0	0	0	0
0.1374	0.02	0	0	0	0	0
0.0299	0	0	0	0	0	0
0.030091	0	0	0	0	0	0
0.022379	0	0	0	0	0	0
0.030979	0	0	0	0	0	0
0.064571	0	0	0	0	0	0
0.063853	0	0	0	0	0	0
0.03007	0	0	0	0	0	0
0.010931	0	0	0	0	0	0
0.03341	0.01	0	0	0	0	0
0.099107	0.01	0	0	0	0	0
0.00393	0	0	0	0	0	0
0.011845	0	0	0	0	0	0
0.038911	0	0	0	0	0	0
0.018992	0	0	0	0	0	0
0.012342	0	0	0	0	0	0
0.017278	0	0	0	0	0	0
0.010778	0	0	0	0	0	0
0.066736	0.03	0	0	0	0	0
0.01242	0	0	0	0	0	0
0.055017	0	0	0	0	0	0
0.102897	0	0	0	0	0	0
0.048237	0	0	0	0	0	0
0.049821	0	0	0	0	0	0
0.064169	0	0	0	0	0	0
0.056842	0	0	0	0	0	0
0.080855	0	0	0	0	0	0
0.04937	0	0	0	0	0	0
0.063992	0	0	0	0	0	0
0.065572	0	0	0	0	0	0
0.031305	0	0	0	0	0	0
0.031096	0	0	0	0	0	0
0.055934	0	0	0	0	0	0
0.036169	0	0	0	0	0	0
0.051884	0	0	0	0	0	0
0.030041	0	0	0	0	0	0
0.036433	0	0	0	0	0	0
0.028129	0	0	0	0	0	0
0.1527	0	0	0	0	0	0
0.115633	0	0	0	0	0	0



0.021525	0	0	0	0	0	0
0.053327	0	0	0	0	0	0
0.191768	0	0	0	0	0	0
0.115058	0	0	0	0	0	0
0.069062	0	0	0	0	0	0
0.191313	0	0	0	0	0	0
0.093666	0	0	0	0	0	0
0.00472	0	0	0	0	0	0
0.000273	0	0	0	0	0	0
0.000657	0	0	0	0	0	0
0.000224	0	0	0	0	0	0
0.001117	0	0	0	0	4	4
0.050342	0	0	0	0	0	0
0.015848	0	0	0	0	0	0
0.002442	0	0	0	0	0	0
0.002072	0	0	0	0	0	0
0.007935	0	0	0	0	0	0
0.002451	0	0	0	0	0	0
0.01284	0	0	0	0	0	0
0.004535	0	0	0	0	0	0
0.00509	0	0	0	0	0	0
0.042439	0	0	0	0	0	0
0.144892	0	0	6	0	0	6
0.004601	0	0	0	0	0	0
0.002821	0	0	0	0	0	0
0.032359	0	0	0	0	0	0
0.009227	0	0	0	0	0	0
0.016225	0	0	0	0	0	0
0.010036	0	0	0	0	0	0
0.008801	0	0	0	0	0	0
0.005896	0	0	0	0	0	0
0.010203	0	0	0	0	0	0
0.008704	0	0	0	0	0	0
0.007226	0	0	0	0	0	0
0.002792	0	0	0	0	0	0
0.000794	0	0	0	0	0	0
0.065591	0.03	0	0	0	0	0
0.0469	0	0	0	0	0	0
0.048739	0	0	0	0	0	0
0.039323	0	0	0	0	0	0
0.019476	0	0	0	0	0	0
0.001828	0	0	0	0	0	0
0.001341	0	0	0	0	0	0
0.016608	0	0	0	0	0	0
0.008123	0	0	0	0	0	0
0.008148	0	0	0	0	0	0
0.01307	0	0	0	0	0	0
0.006142	0	0	0	0	0	0
0.006302	0	0	0	0	0	0
0.004059	0	0	0	0	0	0

0.003256	0	0	0	0	0	0
0.005293	0	0	0	0	0	0
0.003808	0	0	0	0	0	0
0.003656	0	0	0	0	0	0
0.014007	0	0	0	0	0	0
0.025045	0	0	0	0	0	0
0.002831	0	0	0	0	0	0
0.002554	0	0	0	0	0	0
0.00375	0	0	0	0	0	0
0.003654	0	0	0	0	0	0
0.011165	0	0	0	0	0	0
0.010393	0	0	0	0	0	0
0.005544	0	0	0	0	0	0
0.003808	0	0	0	0	0	0
0.004049	0	0	0	0	0	0
0.014166	0	0	0	0	0	0
0.009648	0	0	0	0	0	0
0.027945	0	0	0	0	0	0
0.013398	0	0	0	0	2	2
0.060346	0	2	0	0	0	2
0.071311	0	0	0	0	2	2
0.01067	0	2	0	0	0	2
0.011848	0	0	0	0	0	0
0.044375	0	0	0	0	0	0
0.019338	0.1	0	0	0	0	0
0.139271	0.06	0	0	0	0	0
0.020385	0	0	0	0	0	0
0.010438	0	0	0	0	0	0
0.022495	0	0	0	0	0	0
0.013194	0	0	0	0	0	0
0.016049	0	0	0	0	0	0
0.046768	0	0	0	0	0	0
0.105223	0	0	0	0	0	0
0.166546	0.04	0	0	0	0	0
0.04111	0	0	0	0	0	0
0.061269	0	0	0	0	0	0
0.0608	0	0	0	0	0	0
0.159666	0	0	0	0	0	0
0.030952	0	0	0	0	0	0
0.051971	0	0	0	0	0	0
0.046953	0	0	0	0	0	0
0.038032	0	0	0	0	0	0
0.028612	0	0	0	0	0	0
0.011243	0	0	0	0	0	0
0.009363	0	0	0	0	0	0
0.021588	0	0	0	0	0	0
0.04798	0	0	0	0	0	0
0.011396	0	0	0	0	0	0
0.018808	0	0	0	0	0	0
0.026811	0	0	0	0	0	0

0.047464	0	0	0	0	0	0
0.017392	0	0	0	0	0	0
0.018953	0	0	0	0	0	0
0.021534	0	0	0	0	0	0
0.014684	0	0	0	0	0	0
0.020993	0	0	0	0	0	0
0.011205	0	0	0	0	0	0
0.003921	0	0	0	0	0	0
0.023621	0	0	0	0	0	0
0.009408	0	0	0	0	0	0
0.009501	0	0	0	0	0	0
0.003802	0	0	0	0	0	0
0.010855	0	0	0	0	0	0
0.008842	0	0	0	0	0	0
0.009458	0	0	0	0	0	0
0.006187	0	0	0	0	0	0
0.005947	0	0	0	0	0	0
0.008425	0	0	0	0	0	0
0.010954	0	0	0	0	0	0
0.002944	0	0	0	0	0	0
0.039099	0	0	0	0	0	0
0.032961	0	0	0	0	0	0
0.083324	0	0	0	0	0	0
0.013393	0	0	0	0	0	0
0.011295	0	0	0	0	0	0
0.024086	0	0	0	0	0	0
0.038101	0	0	7	0	0	7
0.019425	0	0	0	0	0	0
0.026214	0	0	0	0	0	0
0.051245	0	0	0	0	0	0
0.032018	0	0	0	0	0	0
0.03957	0	0	0	0	0	0
0.054713	0	0	0	0	0	0
0.024599	0	0	0	0	0	0
0.020507	0	0	0	0	0	0
0.018455	0	0	0	0	0	0
0.043528	0	0	0	0	0	0
0.024414	0	0	0	0	0	0
0.01227	0	0	0	9	18	27
0.00613	0	18	0	0	0	18
0.019415	0	0	0	0	5	5
0.005724	0	5	0	0	0	5
0.008546	0	0	0	0	0	0
0.00425	0	0	0	0	0	0
0.005619	0	0	0	0	0	0
0.006827	0	0	0	0	0	0
0.186261	0	0	13	13	0	26
0.010097	0	0	0	0	0	0
0.078319	0	0	0	0	0	0
0.003505	0	0	0	0	0	0

0.005682	0	0	0	0	0	0
0.008084	0	0	0	0	0	0
0.009223	0	0	0	0	0	0
0.007474	0	0	0	0	0	0
0.035737	0	0	0	0	0	0
0.006199	0	0	0	0	0	0
0.034021	0	0	0	0	0	0
0.17878	0	0	0	0	0	0
0.007057	0	0	0	0	0	0
0.007178	0	0	0	0	0	0
0.006962	0	0	0	0	0	0
0.004678	0	0	0	0	0	0
0.01002	0	0	0	0	0	0
0.003897	0	0	0	0	0	0
0.0084	0	0	0	0	0	0
0.967181	0	0	0	0	0	0
0.975845	0	0	0	0	0	0
0.05553	0	0	0	0	0	0
0.014126	0	0	0	0	0	0
0.235588	0.09	0	0	0	0	0
0.008338	0	0	0	0	0	0
0.016487	0	0	0	0	0	0
0.028924	0	0	0	0	0	0
0.132542	0	0	0	0	0	0
0.027601	0	0	0	0	0	0
0.009046	0	0	0	0	0	0
0.032609	0	0	0	0	0	0
0.082741	0	0	0	0	0	0
0.020126	0	0	0	0	0	0
0.00626	0	0	0	0	0	0
0.022299	0	0	0	0	0	0
0.017249	0	0	0	0	0	0
0.008981	0	0	0	0	0	0
0.06212	0.01	0	0	0	0	0
0.274584	0.11	0	0	0	0	0
0.154802	0.02	0	0	0	0	0
0.151021	0.03	0	0	0	0	0
0.083192	0.01	0	0	0	0	0
0.028929	0	0	0	0	0	0
0.084424	0	0	0	0	8	8
0.015506	0	8	0	0	0	8
0.762415	0	0	0	0	0	0
0.765285	0	0	0	0	0	0
0.046211	0	0	0	0	0	0
0.013052	0	0	0	0	0	0
0.168401	0	0	0	0	0	0
0.067006	0	0	0	0	0	0
0.093508	0	0	0	0	0	0
0.175459	0	0	0	0	0	0
0.18347	0	0	0	0	0	0

0.046801	0	0	0	0	0	0
0.15291	0	0	0	0	0	0
0.056924	0	0	0	0	0	0
0.064226	0	0	0	0	0	0
0.132997	0	0	0	0	0	0
0.051643	0	0	0	0	0	0
0.053326	0	0	0	0	0	0
0.117343	0	0	0	0	0	0
0.071188	0	0	0	0	0	0
0.058058	0	0	0	0	0	0
0.072715	0	0	0	0	0	0
0.059942	0	0	0	0	0	0
0.096146	0	0	0	0	0	0
0.680969	0.12	0	0	0	0	0
0.043647	0	0	0	0	0	0
0.051706	0	0	0	0	0	0
0.087245	0	0	0	0	0	0
0.100273	0	0	0	0	0	0
0.065762	0	0	0	0	0	0
0.011092	0	0	0	0	0	0
0.00282	0	0	0	0	0	0
0.007436	0	0	0	0	0	0
0.002271	0	0	0	0	0	0
0.00565	0	0	0	0	16	16
0.006963	0	0	0	0	0	0
0.017905	0	0	0	0	0	0
0.007748	0	0	0	0	0	0
0.003362	0	0	0	0	0	0
0.009956	0	0	0	0	0	0
0.006866	0	0	0	0	0	0
0.092489	0	0	0	0	0	0
0.105417	0	0	0	0	0	0
0.111694	0	0	0	0	0	0
0.050533	0	0	0	0	0	0
0.123434	0	0	0	0	0	0
0.045269	0	0	0	0	0	0
0.032641	0	0	0	0	0	0
0.031493	0	0	0	0	0	0
0.061618	0	0	0	0	0	0
0.062521	0	0	0	0	0	0
0.038494	0	0	0	0	0	0
0.049878	0	0	0	0	0	0
0.049295	0	0	0	0	0	0
0.026533	0	0	0	0	0	0
0.002423	0	0	0	0	0	0
0.002779	0	0	0	0	0	0
0.003767	0	0	0	0	0	0
0.014686	0	0	0	0	0	0
0.003884	0	0	0	0	0	0
0.007487	0	0	0	6	5	11

0.037192	0	0	0	0	0	0
0.009126	0	0	0	0	0	0
0.052834	0	0	0	0	0	0
0.010947	0	0	0	0	0	0
0.011023	0	0	0	0	0	0
0.001471	0	0	0	0	0	0
0.036066	0	0	0	0	0	0
0.044818	0	0	0	0	0	0
0.017134	0	0	0	0	0	0
0.006355	0	0	0	0	0	0
0.080374	0.01	0	0	0	0	0
0.011838	0	0	0	0	0	0
0.012855	0	0	0	0	0	0
0.043372	0	0	0	0	0	0
0.046359	0	0	0	0	0	0
0.03499	0.01	0	0	0	0	0
0.129893	0	0	0	0	0	0
0.157219	0	0	0	0	0	0
0.129525	0	0	0	0	0	0
0.000109	0	0	0	0	0	0
0.000087	0	0	0	0	0	0
0.09445	0	0	0	0	0	0
0.050858	0	0	0	0	0	0
0.045717	0.02	0	0	0	0	0
0.105072	0	0	0	0	0	0
0.023624	0	0	0	0	0	0
0.180846	0.01	0	0	0	0	0
0.292923	0.13	0	0	0	0	0
0.024649	0	0	0	0	0	0
0.028373	0	0	0	0	0	0
0.022344	0	0	0	0	0	0
0.010514	0	0	0	0	0	0
0.014851	0	0	0	0	0	0
0.022591	0	0	0	0	0	0
0.014328	0	0	0	0	0	0
0.002112	0	0	0	0	0	0
0.003436	0	0	0	0	0	0
0.001748	0	0	0	0	0	0
0.002475	0	0	0	0	0	0
0.003924	0	0	0	0	0	0
0.009337	0	0	0	0	0	0
0.022343	0	0	0	0	0	0
0.014829	0	0	0	0	0	0
0.001761	0	0	0	0	0	0
0.004948	0	0	0	0	0	0
0.009153	0	0	0	0	0	0
0.154746	0	0	0	0	2	2
0.024124	0	0	0	0	0	0
0.898176	0.03	0	0	0	0	0
0.043431	0	0	0	0	0	0

0.030961	0	0	0	0	0	0
0.016362	0	0	0	0	0	0
0.12347	0	0	0	0	0	0
0.041205	0	0	0	0	0	0
0.031867	0	0	0	0	0	0
0.024633	0	0	0	0	0	0
0.021996	0	0	0	0	0	0
0.04959	0	0	0	0	0	0
0.062247	0	0	0	0	0	0
0.167232	0	0	0	0	0	0
0.036915	0	0	0	0	0	0
0.306017	0	0	0	0	0	0
0.023714	0	0	0	0	0	0
0.024668	0	0	0	0	0	0
0.046374	0	0	0	0	0	0
0.20362	0.04	0	0	0	0	0
0.193329	0	0	0	0	3	3
0.521456	0.24	3	0	0	2	5
0.189642	0	2	0	0	0	2
0.036126	0	0	0	0	0	0
0.016338	0	0	0	0	0	0
0.033363	0.01	0	0	0	0	0
0.117754	0	0	0	0	0	0
0.203211	0	0	0	0	0	0
0.040479	0	0	0	0	0	0
0.067346	0	0	0	0	0	0
0.065647	0	0	0	0	0	0
0.098637	0	0	0	0	3	3
0.019838	0	3	0	0	0	3
0.008051	0	0	0	0	0	0
0.006491	0	0	0	0	0	0
0.036017	0	0	0	0	0	0
0.184962	0	0	0	0	0	0
0.356349	0	0	0	0	0	0
0.040616	0	0	0	0	0	0
0.010583	0	0	0	0	13	13
0.00354	0	0	0	0	0	0
0.004778	0	0	0	0	0	0
0.00304	0	0	0	0	0	0
0.003527	0	0	0	0	0	0
0.04625	0	0	6	0	0	6
0.027752	0.14	0	0	6	8	14
0.158423	0	8	0	6	0	14
0.08507	0	0	0	0	0	0
0.020973	0	0	0	0	0	0
0.009761	0	0	0	0	0	0
0.00646	0	0	0	0	0	0
0.006246	0	0	0	0	0	0
0.00746	0	0	0	0	0	0
0.020857	0	0	0	0	0	0

0.014649	0	0	0	0	0	0
0.018722	0	0	0	0	0	0
0.012763	0	0	0	0	0	0
0.017143	0	0	0	0	0	0
0.006526	0	0	0	0	0	0
0.008462	0	0	0	0	0	0
0.053497	0	0	0	0	0	0
0.059724	0	0	0	0	0	0
0.095208	0	0	0	0	0	0
0.050886	0	0	0	0	0	0
0.090037	0	0	0	0	0	0
0.040963	0	0	0	0	0	0
0.044251	0	0	0	0	0	0
0.017977	0	0	0	0	0	0
0.055127	0	0	0	0	0	0
0.058606	0	0	0	0	0	0
0.032107	0	0	0	0	0	0
0.040594	0	0	0	0	0	0
0.030459	0	0	0	0	0	0
0.042043	0	0	0	0	0	0
0.025537	0	0	0	0	0	0
0.026046	0	0	0	0	0	0
0.015193	0	0	0	0	0	0
0.021554	0	0	0	0	0	0
0.015952	0	0	0	0	0	0
0.016303	0	0	0	0	0	0
0.008166	0	0	0	0	0	0
0.010522	0	0	0	0	0	0
0.00964	0	0	0	0	0	0
0.027294	0	0	0	0	0	0
0.008019	0	0	0	0	0	0
0.008684	0	0	0	0	0	0
0.136661	0	0	0	0	0	0
0.109186	0	0	0	0	0	0
0.008907	0	0	0	0	0	0
0.0638	0	0	0	0	0	0
0.026898	0	0	0	0	0	0
0.011785	0	0	0	0	0	0
0.010124	0	0	0	0	0	0
0.023138	0	0	0	0	0	0
0.03989	0	0	0	0	0	0
0.03873	0	0	0	0	0	0
0.066785	0	0	0	0	0	0
0.025072	0	0	0	0	0	0
0.109906	0	0	0	0	0	0
0.021018	0	0	0	0	0	0
0.016974	0	0	0	0	0	0
0.011813	0	0	0	0	0	0
0.01359	0	0	0	0	0	0
0.036192	0	0	0	0	0	0



0.01523	0	0	0	0	0	0
0.296045	0.07	0	0	0	0	0
0.02845	0	0	0	0	0	0
0.016314	0	0	0	0	0	0
0.048121	0	0	0	0	0	0
0.02765	0	0	0	0	0	0
0.011965	0	0	0	0	0	0
0.072447	0.01	0	0	0	0	0
0.061057	0.02	0	0	0	0	0
0.103226	0.07	0	0	0	0	0
0.091262	0	0	0	0	3	3
0.00691	0	0	0	0	0	0
0.031178	0	0	0	0	0	0
0.021454	0	0	0	0	0	0
0.071036	0	0	0	0	0	0
0.008597	0	0	0	0	0	0
0.008399	0	0	0	0	0	0
0.024621	0	0	0	0	0	0
0.009765	0	0	0	0	0	0
0.008602	0	0	0	0	0	0
0.002725	0	0	0	0	0	0
0.032536	0	0	0	0	0	0
0.015878	0	0	0	0	0	0
0.013213	0	0	0	0	0	0
0.056605	0	0	0	0	0	0
0.002576	0	0	0	0	0	0
0.003569	0	0	0	0	0	0
0.004523	0	0	0	0	0	0
0.059602	0	0	0	0	0	0
0.006156	0	0	0	0	0	0
0.00642	0	0	0	0	0	0
0.004287	0	0	0	0	0	0
0.002724	0	0	0	0	0	0
0.001701	0	0	0	0	0	0
0.006557	0	0	0	0	0	0
0.003727	0	0	0	0	0	0
0.003568	0	0	0	0	0	0
0.00492	0	0	0	0	0	0
0.002807	0	0	0	0	0	0
0.00314	0	0	0	0	0	0
0.003633	0	0	0	0	0	0
0.002971	0	0	0	0	0	0
0.011229	0	0	0	0	0	0
0.006684	0	0	0	0	0	0
0.016113	0	0	0	0	0	0
0.008172	0	0	0	0	0	0
0.022718	0	0	0	0	0	0
0.009921	0	0	0	0	0	0
0.005084	0	0	0	0	0	0
0.005399	0	0	0	0	0	0

0.012232	0	0	0	0	0	0
0.010914	0	0	0	0	0	0
0.008494	0	0	0	0	0	0
0.00712	0	0	0	0	0	0
0.009825	0	0	0	0	0	0
0.009316	0	0	0	0	0	0
0.010073	0	0	0	0	0	0
0.007059	0	0	0	0	0	0
0.002145	0	0	0	0	0	0
0.001406	0	0	0	0	0	0
0.030508	0	0	0	0	0	0
0.024058	0	0	0	0	0	0
0.026601	0	0	0	0	0	0
0.017969	0	0	0	0	0	0
0.043689	0	0	0	0	0	0
0.03896	0	0	0	0	0	0
0.028819	0	0	0	0	0	0
0.038795	0	0	0	0	0	0
0.055426	0	0	0	0	0	0
0.026147	0	0	0	0	0	0
0.035706	0	0	0	0	0	0
0.024187	0	0	0	0	0	0
0.016617	0	0	0	0	0	0
0.018732	0	0	0	0	0	0
0.031772	0	0	0	0	0	0
0.026335	0	0	0	0	0	0
0.050867	0	0	0	0	0	0
0.173808	0	0	0	0	0	0
0.039535	0	0	0	0	0	0
0.058764	0	0	0	0	0	0
0.045446	0	0	0	0	0	0
0.039638	0	0	0	0	0	0
0.044042	0	0	0	0	0	0
0.026605	0	0	0	0	0	0
0.030834	0	0	0	0	0	0
0.038864	0	0	0	0	0	0
0.914852	0	0	0	0	0	0
0.051341	0	0	0	0	0	0
0.009716	0	0	0	0	0	0
0.010362	0	0	0	0	0	0
0.057106	0.01	7	0	0	0	7
0.00901	0	0	0	0	0	0
0.065241	0	0	0	0	0	0
0.062347	0	0	0	0	0	0
0.040033	0	0	0	0	0	0
0.034808	0	0	0	0	0	0
0.037474	0	0	0	0	0	0
0.020193	0	0	0	0	0	0
0.05431	0	0	0	0	0	0
0.06118	0	0	0	0	0	0

0.073204	0	0	0	0	0	0
0.050447	0	0	0	0	0	0
0.039228	0	0	0	0	0	0
0.058199	0	0	0	0	0	0
0.060581	0	0	0	0	0	0
0.026892	0	0	0	0	0	0
0.018309	0	0	0	0	5	5
0.025771	0	5	0	0	0	5
0.028085	0	0	0	0	0	0
0.046124	0	0	0	0	0	0
0.033783	0	0	0	0	0	0
0.040965	0	0	0	0	0	0
0.050915	0	0	0	0	0	0
0.047088	0	0	0	0	0	0
0.053854	0	0	0	0	0	0
0.034525	0	0	0	0	0	0
0.060862	0	0	0	0	0	0
0.031482	0	0	0	0	0	0
0.031105	0	0	0	0	0	0
0.042741	0	0	0	0	0	0
0.03605	0	0	0	0	0	0
0.027547	0	0	0	0	0	0
0.031449	0	0	0	0	0	0
0.035968	0	0	0	0	0	0
0.063316	0	0	0	0	0	0
0.039873	0	0	0	0	0	0
0.050274	0	0	0	0	0	0
0.035322	0	0	0	0	0	0
0.067594	0	0	0	0	0	0
0.025813	0	0	0	0	0	0
0.052379	0	0	0	0	0	0
0.019981	0	0	0	0	0	0
0.020482	0	0	0	0	0	0
0.015934	0	0	0	0	0	0
0.013991	0	0	0	0	0	0
0.021241	0	0	0	0	0	0
0.109146	0	0	0	0	0	0
0.060527	0	0	0	0	0	0
0.04126	0	0	0	0	0	0
0.058717	0	0	0	0	0	0
0.119349	0	0	0	0	0	0
0.040283	0	0	0	0	0	0
0.039405	0	0	0	0	0	0
0.063361	0	0	0	0	0	0
0.046495	0	0	0	0	0	0
0.04968	0	0	0	0	0	0
0.033931	0	0	0	0	0	0
0.032587	0	0	0	0	0	0
0.038341	0	0	0	0	0	0
0.019409	0	0	0	0	0	0

0.048308	0	0	0	0	0	0
0.053495	0	0	0	0	0	0
0.045061	0	0	0	0	0	0
0.044616	0	0	0	0	0	0
0.050103	0	0	0	0	0	0
0.040475	0	0	0	0	0	0
0.025908	0	0	0	0	0	0
0.075053	0	0	0	0	0	0
0.05488	0	0	0	0	0	0
0.048097	0	0	0	0	0	0
0.132074	0	0	0	0	0	0
0.061149	0	0	0	0	0	0
0.03089	0	0	0	0	0	0
0.021069	0	0	0	0	0	0
0.034511	0	0	0	0	0	0
0.024784	0	0	0	0	0	0
0.018081	0	0	0	0	0	0
0.00262	0	0	0	0	0	0
0.091715	0	0	0	0	0	0
0.031389	0	0	0	0	0	0
0.033666	0	0	0	0	0	0
0.026719	0	0	0	0	0	0
0.027637	0	0	0	0	0	0
0.044727	0	0	0	0	0	0
0.04282	0	0	0	0	0	0
0.010912	0	0	0	0	0	0
0.032095	0	0	0	0	0	0
0.053343	0	0	0	0	0	0
0.057911	0	0	0	0	0	0
0.04012	0	0	0	0	0	0
0.05301	0	0	0	0	0	0
0.040896	0	0	0	0	0	0
0.044348	0	0	0	0	0	0
0.02579	0	0	0	0	0	0
0.093143	0	0	0	0	0	0
0.054582	0	0	0	0	0	0
0.054172	0	0	0	0	0	0
0.053237	0	0	0	0	0	0
0.044849	0	0	0	0	0	0
0.051109	0	0	0	0	0	0
0.129896	0	0	0	0	0	0
0.060479	0	0	0	0	0	0
0.142303	0	0	0	0	0	0
0.136995	0.04	0	0	0	0	0
0.026975	0	0	0	0	0	0
0.01396	0	0	0	0	0	0
0.006988	0	0	0	0	0	0
0.149812	0	0	0	0	0	0
0.14336	0	0	0	0	0	0
0.0268	0	0	0	0	0	0

0.007842	0	0	0	0	0	0
0.006371	0	0	0	0	0	0
0.007833	0	0	0	0	0	0
0.012992	0	0	0	0	0	0
0.023078	0	0	0	0	0	0
0.036832	0	0	0	0	0	0
0.009011	0	0	0	0	0	0
0.058585	0	0	0	0	0	0
0.099279	0	0	0	0	0	0
0.169743	0	0	0	0	0	0
0.045377	0	0	0	0	0	0
0.747385	0.08	0	0	0	0	0
0.001847	0	0	0	0	0	0
0.00276	0	0	0	0	0	0
0.002303	0	0	0	0	0	0
0.122296	0	0	0	0	0	0
0.016241	0.01	0	0	0	0	0
0.099087	0	0	0	0	0	0
0.048441	0	0	0	0	0	0
0.07575	0	0	0	0	0	0
0.097822	0	0	0	0	0	0
0.057031	0	0	0	0	0	0
0.062904	0	0	0	0	0	0
0.115011	0	0	0	0	0	0
0.055336	0	0	0	0	0	0
0.11048	0	0	0	0	0	0
0.109261	0	0	0	0	0	0
0.030552	0	0	0	0	0	0
0.018879	0	0	0	0	0	0
0.860954	0.14	0	0	0	0	0
0.045936	0	0	0	0	0	0
0.043561	0	0	0	0	0	0
0.093261	0	0	0	0	0	0
0.041504	0	0	0	0	0	0
0.049134	0	0	0	0	0	0
0.853237	0	0	0	0	0	0
0.000196	0	0	0	0	0	0
0.00022	0	0	0	0	0	0
0.000159	0	0	0	0	0	0
0.000435	0	0	0	0	0	0
0.000265	0	0	0	0	0	0
0.000264	0	0	0	0	0	0
0.00041	0	0	0	0	0	0
0.000673	0	0	0	0	0	0
0.001011	0	0	0	0	0	0
0.000181	0	0	0	0	0	0
0.000453	0	0	0	0	0	0
0.000383	0	0	0	0	0	0
0.00031	0	0	0	0	0	0
0.000411	0	0	0	0	0	0

0.000208	0	0	0	0	0	0
0.000471	0	0	0	0	0	0
0.036375	0	0	0	0	0	0
0.058493	0	0	0	0	0	0
0.071833	0	0	0	0	0	0
0.053324	0	0	0	0	0	0
0.094172	0	0	0	0	0	0
0.088185	0	0	0	0	0	0
0.119813	0	0	0	0	0	0
0.054567	0	0	0	0	0	0
0.043253	0	0	0	0	0	0
0.240621	0	0	0	0	0	0
0.022376	0	0	0	0	0	0
0.005928	0	0	0	0	0	0
0.011011	0	0	0	0	0	0
0.035544	0	0	0	0	0	0
0.013891	0	0	0	0	0	0
0.02435	0	0	3	0	0	3
0.017185	0	0	0	0	0	0
0.061749	0	0	0	0	7	7
0.033301	0	7	0	0	0	7
0.009509	0	0	0	0	0	0
0.038307	0	0	0	0	0	0
0.018251	0	0	0	0	0	0
0.044718	0	0	0	0	0	0
0.03842	0	0	0	0	0	0
0.53864	0	0	0	2	0	2
0.395971	0.09	0	0	0	0	0
0.012897	0	0	0	0	0	0
0.020656	0	0	0	0	0	0
0.022771	0	0	0	0	0	0
0.055946	0	0	0	0	0	0
0.040207	0	0	0	0	0	0
0.052259	0	0	0	0	0	0
0.052224	0	0	0	0	0	0
0.038759	0	0	0	0	0	0
0.060815	0	0	0	0	0	0
0.080036	0	0	0	0	0	0
0.10456	0	0	0	0	0	0
0.033084	0	0	0	0	0	0
0.050572	0	0	0	0	0	0
0.037737	0	0	0	0	0	0
0.04658	0	0	0	0	0	0
0.058321	0	0	0	0	0	0
0.04611	0	0	0	0	0	0
0.03469	0	0	0	0	0	0
0.024374	0	0	0	0	0	0
0.01943	0	0	0	0	0	0
0.028362	0	0	0	0	0	0
0.02162	0	0	0	0	0	0

0.03345	0	0	0	0	0	0
0.022598	0	0	0	0	0	0
0.017012	0	0	0	0	0	0
0.042834	0	0	0	0	0	0
0.016418	0	0	0	0	0	0
0.027319	0	0	0	0	0	0
0.021701	0	0	0	0	0	0
0.014224	0	0	0	0	0	0
0.021048	0	0	0	0	0	0
0.03006	0	0	0	0	0	0
0.026403	0	0	0	0	0	0
0.005447	0	0	0	0	0	0
0.074996	0.04	0	0	0	0	0
0.002134	0	0	0	0	0	0
0.008109	0	0	0	0	0	0
0.014567	0	0	0	0	0	0
0.001554	0	0	0	0	0	0
0.000044	0	0	0	0	0	0
0.014006	0	0	0	0	0	0
0.004946	0	0	0	0	0	0
0.005813	0	0	0	0	0	0
0.004171	0	0	0	0	0	0
0.004478	0	0	0	0	0	0
0.008645	0	0	0	0	0	0
0.012397	0	0	0	0	0	0
0.009539	0	0	0	0	0	0
0.010277	0	0	0	0	0	0
0.011594	0	0	0	0	0	0
0.005956	0	0	0	0	0	0
0.007516	0	0	0	0	0	0
0.008038	0	0	0	0	0	0
0.011456	0	0	0	0	0	0
0.004497	0	0	0	0	0	0
0.011599	0	0	0	0	0	0
0.007312	0	0	0	0	0	0
0.010515	0	0	0	0	0	0
0.001697	0	0	0	0	0	0
0.003885	0	0	0	0	0	0
0.002591	0	0	0	0	0	0
0.002572	0	0	0	0	0	0
0.00343	0	0	0	0	0	0
0.002304	0	0	0	0	0	0
0.001812	0	0	0	0	0	0
0.002881	0	0	0	0	0	0
0.002606	0	0	0	0	0	0
0.002989	0	0	0	0	0	0
0.110384	0	0	0	0	0	0
0.001557	0	0	0	0	0	0
0.00379	0	0	0	0	0	0
0.011332	0	0	0	0	0	0

0.00916	0	0	0	0	0	0
0.009618	0	0	0	0	0	0
0.009009	0	0	0	0	0	0
0.712219	0.01	0	0	0	0	0
0.655363	0.16	0	0	0	0	0
0.047808	0	0	0	0	0	0
0.041272	0	0	0	0	0	0
0.051128	0	0	0	0	0	0
0.06315	0	0	0	0	0	0
0.037278	0	0	0	0	0	0
0.052476	0	0	0	0	0	0
0.056969	0	0	0	0	0	0
0.682275	0	0	0	0	0	0
0.051337	0	0	0	0	0	0
0.039617	0	0	0	0	0	0
0.107124	0	0	0	0	0	0
0.042926	0	0	0	0	0	0
0.004987	0	0	0	0	0	0
0.037538	0	0	0	0	3	3
0.00959	0	3	0	0	0	3
0.010432	0	0	0	0	0	0
0.015532	0	0	0	0	0	0
0.024013	0	0	0	0	0	0
0.004739	0	0	0	0	0	0
0.011341	0	0	0	0	0	0
0.007204	0	0	0	0	0	0
0.006969	0	0	0	0	0	0
0.003657	0	0	0	0	0	0
0.00626	0	0	0	0	0	0
0.004674	0	0	0	0	0	0
0.005884	0	0	0	0	0	0
0.003665	0	0	0	0	0	0
0.003517	0	0	0	0	0	0
0.003253	0	0	0	0	0	0
0.013489	0	0	0	0	0	0
0.005275	0	0	0	0	0	0
0.006159	0	0	0	0	0	0
0.00653	0	0	0	0	0	0
0.005507	0	0	0	0	0	0
0.008324	0	0	0	0	0	0
0.005681	0	0	0	0	0	0
0.005647	0	0	0	0	0	0
0.009818	0	0	0	0	0	0
0.014191	0	0	0	0	0	0
0.01388	0	0	0	0	0	0
0.048717	0	0	0	0	0	0
0.018508	0	0	0	0	0	0
0.067024	0	0	0	0	0	0
0.728267	0.13	0	0	0	0	0
0.04044	0	0	0	0	0	0



0.068495	0	0	0	0	0	0
0.092835	0	0	0	0	0	0
0.121733	0	0	0	0	0	0
0.347484	0.1	0	0	0	0	0
0.086315	0	0	0	0	0	0
0.084982	0	0	0	0	0	0
0.139808	0	0	0	0	0	0
0.047841	0	0	0	0	4	4
0.067963	0	0	0	0	0	0
0.033903	0	4	0	0	0	4
0.299966	0	0	0	0	0	0
0.036962	0	0	0	0	0	0
0.139778	0	0	0	0	0	0
0.063788	0	0	0	0	0	0
0.023458	0	0	0	0	0	0
0.023185	0	0	0	0	0	0
0.2032	0	0	0	0	0	0
0.029767	0	0	0	0	0	0
0.023451	0	0	0	0	0	0
0.052612	0	0	0	0	0	0
0.02889	0	0	0	0	0	0
0.019923	0	0	0	0	0	0
0.026716	0	0	0	0	0	0
0.023111	0	0	0	0	6	6
0.012769	0	6	0	0	0	6
0.011708	0	0	0	0	0	0
0.021043	0	0	0	0	0	0
0.035968	0	0	0	0	0	0
0.015157	0	0	0	0	0	0
0.079939	0	0	0	0	0	0
0.052925	0	0	0	0	0	0
0.023666	0	0	0	0	0	0
0.037879	0	0	0	0	0	0
0.045121	0	0	0	0	0	0
0.043146	0	0	0	0	0	0
0.010741	0	0	0	0	0	0
0.096345	0	0	0	0	0	0
0.079816	0	0	0	0	0	0
0.351291	0.05	0	0	0	0	0
0.217979	0	0	0	0	0	0
0.060753	0	0	0	0	0	0
0.057796	0	0	0	0	0	0
0.049288	0	0	0	0	0	0
0.039957	0	0	0	0	0	0
0.049504	0	0	0	0	0	0
0.032277	0	0	0	0	0	0
0.056683	0	0	0	0	0	0
0.065068	0	0	0	0	0	0
0.05937	0	0	0	0	0	0
0.037783	0	0	0	0	0	0

0.032752	0	0	0	0	0	0
0.018974	0	0	0	0	0	0
0.439062	0.17	0	0	0	0	0
0.024005	0	0	0	0	0	0
0.170815	0	0	0	0	0	0
0.017002	0	0	0	0	0	0
0.01398	0	0	0	0	0	0
0.021447	0	0	0	0	0	0
0.019488	0	0	0	0	0	0
0.020376	0	0	0	0	0	0
0.043597	0	0	0	0	0	0
0.013933	0	0	0	0	0	0
0.060374	0	0	0	0	0	0
0.017198	0	0	0	0	0	0
0.05845	0	0	0	0	0	0
0.04653	0	0	0	0	0	0
0.059411	0	0	0	0	0	0
0.03211	0	0	0	0	0	0
0.035615	0	0	6	0	0	6
0.022544	0	0	0	0	0	0
0.292746	0.1	0	0	0	0	0
0.02848	0	0	0	0	5	5
0.035193	0	5	0	0	0	5
0.059124	0	0	0	0	0	0
0.052141	0	0	0	0	0	0
0.048204	0	0	0	0	0	0
0.047446	0	0	0	0	0	0
0.037308	0	0	0	0	0	0
0.059732	0	0	0	0	0	0
0.036834	0	0	0	0	0	0
0.028391	0	0	0	0	0	0
0.063796	0	0	0	0	0	0
0.022327	0	0	0	0	0	0
0.043486	0	0	0	0	0	0
0.027631	0	0	0	0	0	0
0.017973	0	0	0	0	0	0
0.089739	0	0	0	0	0	0
0.014854	0	0	0	0	0	0
0.02663	0	0	0	0	0	0
0.019683	0	0	0	0	0	0
0.04269	0	0	0	0	0	0
0.029566	0	0	0	0	0	0
0.058337	0	0	0	0	0	0
0.046812	0	0	0	0	0	0
0.060384	0	0	0	0	0	0
0.051228	0	0	0	0	0	0
0.031468	0	0	0	0	0	0
0.053234	0	0	0	0	0	0
0.04044	0	0	0	0	0	0
0.074955	0	0	0	0	0	0

0.047811	0	0	0	0	0	0
0.049474	0	0	0	0	0	0
0.03316	0	0	0	0	0	0
0.020617	0	0	0	0	0	0
0.016087	0	0	0	0	0	0
0.017974	0	0	0	0	0	0
0.020876	0	0	0	0	0	0
0.025668	0	0	0	0	0	0
0.032629	0	0	0	0	0	0
0.024578	0	0	0	0	0	0
0.068813	0	0	0	0	0	0
0.026208	0	0	0	0	0	0
0.033007	0	0	0	0	0	0
0.050894	0	0	0	0	0	0
0.028042	0	0	0	0	0	0
0.04845	0	0	0	0	0	0
0.06805	0	0	0	0	0	0
0.016468	0	0	0	0	0	0
0.00834	0	0	0	0	0	0
0.010224	0	0	0	0	0	0
0.01205	0	0	0	0	0	0
0.020491	0	0	0	0	0	0
0.018205	0	0	0	0	0	0
0.023001	0	0	0	0	0	0
0.025289	0	0	0	0	0	0
0.02766	0	0	0	0	0	0
0.016133	0	0	0	0	0	0
0.019808	0	0	0	0	0	0
0.012901	0	0	0	0	0	0
0.017644	0	0	0	0	0	0
0.020778	0	0	0	0	0	0
0.024562	0	0	0	0	0	0
0.050771	0	0	0	0	0	0
0.020845	0	0	0	0	0	0
0.306423	0.1	0	0	0	0	0
0.08693	0	0	0	0	0	0
0.016722	0	0	0	0	0	0
0.011621	0	0	0	0	0	0
0.024449	0	0	0	0	0	0
0.094599	0	0	0	0	0	0
0.033829	0	0	0	0	0	0
0.028071	0	0	0	0	0	0
0.021361	0	0	0	0	0	0
0.184439	0	0	0	0	0	0
0.003637	0	0	0	0	0	0
0.008692	0	0	0	0	0	0
0.003056	0	0	0	0	0	0
0.003329	0	0	0	0	0	0
0.00646	0	0	0	0	0	0
0.004913	0	0	0	0	0	0

0.004673	0	0	0	0	0	0
0.007502	0	0	0	0	0	0
0.007578	0	0	0	0	0	0
0.009989	0	0	0	0	0	0
0.003155	0	0	0	0	0	0
0.002646	0	0	0	0	0	0
0.04905	0	0	0	0	0	0
0.027056	0	0	0	0	0	0
0.031891	0	0	0	0	0	0
0.017931	0	0	0	0	0	0
0.018889	0	0	0	0	0	0
0.025155	0	0	0	0	0	0
0.027788	0	0	0	0	0	0
0.028962	0	0	0	0	0	0
0.053349	0	0	0	0	0	0
0.085769	0	0	0	0	0	0
0.133981	0	0	0	0	0	0
0.084185	0	0	0	0	0	0
0.021214	0	0	0	0	0	0
0.017357	0	0	0	0	0	0
0.032296	0	0	0	0	0	0
0.065184	0	0	0	0	0	0
0.007267	0	0	0	0	0	0
0.022142	0	0	0	0	0	0
0.250092	0	0	0	0	0	0
0.008542	0	0	0	0	0	0
0.001976	0	0	0	0	0	0
0.002409	0	0	0	0	0	0
0.210624	0	3	0	0	0	3
0.026362	0	0	0	0	0	0
0.037895	0	0	0	0	0	0
0.051307	0	0	0	0	0	0
0.03846	0	0	0	0	0	0
0.081287	0	0	8	0	0	8
0.037862	0	0	0	0	0	0
0.052237	0	0	0	0	0	0
0.040726	0	0	0	0	0	0
0.042495	0	0	0	0	0	0
0.027149	0	0	0	0	0	0
0.029893	0	0	0	0	0	0
0.150964	0	0	0	0	0	0
0.21219	0	0	0	0	0	0
0.17383	0	0	0	0	0	0
0.067455	0	0	0	0	0	0
0.034567	0	0	0	0	0	0
0.018018	0	0	0	0	0	0
0.091923	0	0	0	0	0	0
0.027424	0	0	0	0	0	0
0.056881	0	0	0	0	0	0
0.067494	0	0	0	0	0	0

0.051807	0	0	0	0	0	0
0.053352	0	0	0	0	0	0
0.019107	0	0	0	0	0	0
0.021285	0	0	0	0	0	0
0.014338	0	0	0	0	0	0
0.021399	0	0	0	0	0	0
0.018754	0	0	0	0	0	0
0.013285	0	0	0	0	0	0
0.019891	0	0	0	0	0	0
0.019786	0	0	0	0	0	0
0.035947	0	0	0	0	0	0
0.014756	0	0	0	0	0	0
0.007166	0	0	0	0	0	0
0.022128	0	0	0	0	0	0
0.077088	0	0	0	0	0	0
0.034722	0	0	0	0	0	0
0.011481	0	0	0	0	0	0
0.005248	0	0	0	0	0	0
0.041583	0	0	0	0	0	0
0.096991	0	0	0	0	0	0
0.183856	0.06	0	0	0	0	0
0.022229	0	0	0	0	0	0
0.01498	0	0	0	0	0	0
0.062774	0	0	0	0	0	0
0.00973	0	0	0	0	0	0
0.010814	0	0	0	0	0	0
0.016324	0	0	0	0	0	0
0.012572	0	0	0	0	0	0
0.003799	0	0	0	0	0	0
0.006148	0	0	0	0	0	0
0.00278	0	0	0	0	0	0
0.010179	0.01	0	0	0	0	0
0.021917	0.04	0	0	0	0	0
0.017311	0	0	0	0	0	0
0.021808	0	0	0	0	0	0
0.077327	0	0	0	0	0	0
0.009657	0	0	0	0	0	0
0.037442	0	0	0	0	0	0
0.003369	0	0	0	0	0	0
0.00282	0	0	0	0	0	0
0.004732	0	0	0	0	0	0
0.004459	0	0	0	0	0	0
0.009239	0	0	0	0	0	0
0.038218	0	0	0	0	0	0
0.052448	0	0	0	0	0	0
0.072127	0	0	0	0	0	0
0.007004	0	0	0	0	0	0
0.00871	0	0	0	0	0	0
0.004631	0	0	0	0	0	0
0.007011	0	0	0	0	0	0

0.01664	0	0	0	0	0	0
0.045819	0	0	0	0	0	0
0.027441	0	0	0	0	0	0
0.004832	0	0	0	0	0	0
0.001862	0	0	0	0	0	0
0.002928	0	0	0	0	0	0
0.00111	0	0	0	0	0	0
0.007575	0	0	0	0	0	0
0.004151	0	0	0	0	0	0
0.003268	0	0	0	0	0	0
0.024146	0	0	0	0	0	0
0.01533	0	0	0	0	0	0
0.031933	0	0	0	0	0	0
0.036479	0	0	0	0	0	0
0.013326	0	0	0	0	0	0
0.002653	0	0	0	0	0	0
0.010501	0	0	0	0	0	0
0.012	0	0	0	0	0	0
0.01392	0	0	0	0	0	0
0.013269	0	0	0	0	0	0
0.005773	0	0	0	0	0	0
0.069779	0	0	0	0	0	0
0.045531	0	0	0	0	0	0
0.026847	0	0	0	0	0	0
0.027463	0	0	0	0	0	0
0.108302	0.25	0	0	0	0	0
0.017579	0	0	0	0	0	0
0.016315	0	0	0	0	0	0
0.004767	0	0	0	0	0	0
0.003748	0	0	0	0	0	0
0.067512	0	0	0	0	0	0
0.02869	0	0	0	0	0	0
0.075475	0.02	0	0	0	0	0
0.059136	0	0	0	0	0	0
0.007221	0	0	2	0	0	2
0.027852	0	0	0	0	0	0
0.060547	0	0	6	5	0	11
0.004371	0	0	0	0	0	0
0.006905	0	0	0	0	0	0
0.0124	0	0	1	0	0	1
0.021711	0	0	0	0	0	0
0.949472	0	0	0	0	0	0
0.043156	0	0	0	0	0	0
0.044429	0	0	0	0	0	0
0.032311	0	0	0	0	0	0
0.029248	0	0	0	0	0	0
0.037418	0	0	0	0	0	0
0.010187	0	0	0	0	0	0
0.309839	0.02	0	0	0	0	0
0.004578	0	0	0	0	0	0

0.026088	0	0	0	0	0	0
0.038787	0	0	0	0	0	0
0.021031	0	0	0	0	0	0
0.030997	0	0	0	0	2	2
0.192732	0.01	2	0	0	0	2
0.190981	0.08	0	0	0	0	0
0.251455	0.09	0	0	0	0	0
0.890026	0	0	9	9	2	20
0.958032	0	24	18	32	14	88
0.0274	0	14	0	0	7	21
0.010056	0	7	0	0	10	17
0.049447	0	0	0	0	0	0
0.052613	0	0	0	0	0	0
0.03484	0	0	0	0	0	0
0.051969	0	0	0	0	0	0
0.046638	0	0	0	0	0	0
0.038122	0	0	0	0	0	0
0.044242	0	0	0	0	0	0
0.070664	0	0	0	0	0	0
0.061951	0	0	0	0	0	0
0.054121	0	0	0	0	0	0
0.098301	0	0	0	0	0	0
0.029412	0	0	0	0	0	0
0.096793	0	0	0	0	0	0
0.121554	0	0	0	0	0	0
0.064023	0	0	0	0	0	0
0.057313	0	0	0	0	0	0
0.042305	0	0	0	0	0	0
0.039998	0	0	0	0	0	0
0.043702	0	0	0	0	0	0
0.033421	0	0	0	0	0	0
0.038897	0	0	0	0	0	0
0.044319	0	0	0	0	0	0
0.033611	0	0	0	0	0	0
0.030387	0	0	0	0	0	0
0.031277	0	0	0	0	0	0
0.050178	0	0	0	0	0	0
0.022298	0	0	0	0	0	0
0.042017	0	0	0	0	0	0
0.032383	0	0	0	0	0	0
0.03975	0	0	0	0	0	0
0.02908	0	0	0	0	0	0
0.046361	0	0	0	0	0	0
0.038483	0	0	0	0	0	0
0.066299	0	0	0	0	0	0
0.045421	0	0	0	0	0	0
0.053266	0	0	0	0	0	0
0.035591	0	0	0	0	0	0
0.038487	0	0	0	0	0	0
0.321291	0.05	0	0	0	0	0

0.016425	0	0	0	0	0	0
0.653295	0.37	0	0	0	0	0
0.076896	0	0	0	0	0	0
0.221467	0.02	0	0	0	0	0
0.253607	0.01	0	0	0	0	0
0.037429	0	0	0	0	0	0
0.025953	0	0	0	0	0	0
0.029979	0	0	0	0	0	0
0.021575	0	0	0	0	0	0
0.016641	0	0	0	0	0	0
0.033426	0	0	0	0	0	0
0.243478	0	0	0	0	0	0
0.067986	0	0	0	0	0	0
0.098154	0	0	0	0	0	0
0.046643	0	0	0	0	0	0
0.058509	0	0	0	0	0	0
0.04005	0	0	0	0	0	0
0.02526	0	0	0	0	0	0
0.034581	0	0	0	0	0	0
0.024954	0	0	0	0	0	0
0.053789	0	0	0	0	0	0
0.082938	0	0	0	0	0	0
0.058421	0	0	0	0	0	0
0.119206	0	0	0	0	0	0
0.194724	0	0	0	0	0	0
0.063943	0	0	0	0	0	0
0.136371	0	0	0	0	0	0
0.156927	0	0	0	0	0	0
0.048162	0	0	0	0	0	0
0.052479	0	0	0	0	0	0
0.002385	0	0	0	0	0	0
0.00152	0	0	0	0	0	0
0.003493	0	0	0	0	0	0
0.001016	0	0	0	0	0	0
0.001784	0	0	0	0	0	0
0.007746	0	0	0	0	0	0
0.002055	0	0	0	0	0	0
0.809596	0	0	0	0	0	0
0.090141	0	0	0	0	0	0
0.057327	0	0	0	0	0	0
0.121646	0	0	0	0	0	0
0.330053	0	0	0	0	0	0
0.150107	0	0	0	0	0	0
0.039339	0	0	0	0	0	0
0.013847	0	0	0	0	0	0
0.030233	0	0	0	0	0	0
0.02043	0	0	0	0	0	0
0.040769	0	0	0	0	0	0
0.013113	0	0	0	0	0	0
0.016974	0	0	0	0	0	0



0.067503	0	0	0	0	0	0
0.095721	0	0	0	0	0	0
0.123594	0	0	0	0	0	0
0.06681	0	0	0	0	0	0
0.112649	0	0	0	0	0	0
0.079315	0	0	0	0	0	0
0.06441	0	0	0	0	0	0
0.094808	0	0	0	0	0	0
0.078086	0	0	0	0	0	0
0.076015	0	0	0	0	0	0
0.114785	0	0	0	0	0	0
0.061164	0	0	0	0	0	0
0.050243	0	0	0	0	0	0
0.088364	0	0	0	0	0	0
0.285337	0	0	0	0	0	0
0.016218	0	0	0	0	0	0
0.017751	0	0	0	0	0	0
0.089346	0	0	0	0	0	0
0.08794	0	0	0	0	0	0
0.140664	0	0	0	0	0	0
0.112223	0	0	0	0	0	0
0.176512	0	0	0	0	0	0
0.210007	0	0	0	0	0	0
0.236535	0	0	0	0	0	0
0.245368	0	0	0	0	0	0
0.189547	0	0	0	0	0	0
0.088166	0	0	0	0	0	0
0.014149	0	0	0	0	0	0
0.005937	0	0	0	0	0	0
0.004382	0	0	0	0	0	0
0.003559	0	0	0	0	0	0
0.01831	0	0	0	0	0	0
0.013654	0	0	0	0	0	0
0.005116	0	0	0	0	0	0
0.004704	0	0	0	0	0	0
0.003279	0	0	0	0	0	0
0.003533	0	0	0	0	0	0
0.011803	0	0	0	0	0	0
0.001534	0	0	0	0	0	0
0.102622	0.18	0	0	0	0	0
0.003616	0	0	0	0	0	0
0.005884	0	0	0	0	0	0
0.047889	0.03	0	0	0	0	0
0.044317	0.03	0	0	0	0	0
0.009971	0	0	0	0	0	0
0.043727	0	0	0	0	0	0
0.000987	0	0	0	0	0	0
0.000423	0	0	0	0	0	0
0.003897	0.01	0	0	0	0	0
0.000883	0	0	0	0	0	0

0.00407	0	0	0	0	0	0
0.01367	0	0	0	0	0	0
0.048915	0	0	0	0	0	0
0.032365	0	0	0	0	0	0
0.054648	0	0	0	0	0	0
0.024404	0	0	0	0	0	0
0.012953	0	0	0	0	0	0
0.032699	0	0	0	0	0	0
0.030992	0	0	0	0	0	0
0.017643	0	0	0	0	0	0
0.019825	0	0	0	0	0	0
0.020163	0	0	0	0	0	0
0.022609	0	0	0	0	0	0
0.023883	0	0	0	0	0	0
0.016871	0	0	0	0	0	0
0.010276	0	0	0	0	0	0
0.091438	0	0	0	0	0	0
0.042009	0	0	0	0	0	0
0.112172	0	0	0	0	0	0
0.200609	0	0	0	0	0	0
0.19615	0.06	0	0	0	0	0
0.292989	0.09	0	0	0	0	0
0.116184	0	0	0	0	0	0
0.129122	0	0	0	0	0	0
0.039421	0	0	0	0	0	0
0.030273	0	0	0	0	0	0
0.382711	0.04	0	0	0	0	0
0.605522	0.17	0	0	0	0	0
0.063572	0	0	0	0	0	0
0.04965	0	0	0	0	0	0
0.03056	0	0	0	0	0	0
0.030754	0	0	0	0	0	0
0.028817	0	0	0	0	0	0
0.029581	0	0	0	0	0	0
0.006768	0	0	0	0	0	0
0.042521	0.02	0	0	0	0	0
0.013833	0	0	0	0	0	0
0.011307	0	0	0	0	0	0
0.023426	0	0	0	0	0	0
0.017274	0	0	0	0	0	0
0.0118	0	0	0	0	0	0
0.069195	0	0	0	0	0	0
0.035388	0	0	0	0	0	0
0.028128	0	0	1	0	0	1
0.070182	0	0	0	0	0	0
0.027173	0	0	0	0	0	0
0.033062	0	0	0	0	0	0
0.0625	0	0	0	0	0	0
0.114238	0	0	0	0	0	0
0.035813	0	0	0	0	0	0

0.02137	0	0	0	0	0	0
0.032536	0	0	0	0	0	0
0.030769	0	0	0	0	0	0
0.026432	0	0	0	0	0	0
0.237905	0.06	0	0	0	0	0
0.013425	0	0	0	0	0	0
0.016498	0	0	0	0	0	0
0.018367	0	0	0	0	0	0
0.038444	0	0	0	0	0	0
0.054851	0	0	0	0	0	0
0.020623	0	0	0	0	0	0
0.01432	0	0	0	0	0	0
0.115036	0	0	0	0	0	0
0.073775	0	0	0	0	0	0
0.015652	0	0	0	0	0	0
0.026473	0	0	0	0	0	0
0.012659	0	0	0	0	0	0
0.015445	0	0	0	0	0	0
0.027988	0	0	0	0	0	0
0.050051	0	0	0	0	0	0
0.033417	0	0	0	0	0	0
0.020853	0	0	0	0	0	0
0.048249	0	0	0	0	0	0
0.034106	0	0	0	0	0	0
0.039353	0	0	0	0	0	0
0.046659	0	0	0	0	0	0
0.0793	0	0	0	0	0	0
0.186108	0	0	0	0	0	0
0.428622	0	0	0	0	0	0
0.093757	0	0	0	0	0	0
0.10437	0	0	0	0	0	0
0.045722	0	0	0	0	0	0
0.064356	0	0	0	0	0	0
0.051604	0	0	0	0	0	0
0.06798	0	0	0	0	0	0
0.004677	0	0	0	0	0	0
0.026766	0	0	0	0	0	0
0.01297	0	0	0	0	0	0
0.047906	0	0	0	0	0	0
0.796469	0	0	0	0	1	1
0.01607	0	0	0	0	0	0
0.014685	0.01	0	0	0	0	0
0.007107	0	0	0	0	0	0
0.038464	0	0	0	0	0	0
0.020912	0	0	0	0	0	0
0.056324	0	0	0	0	0	0
0.101306	0	0	0	0	0	0
0.090226	0	0	0	0	0	0
0.05412	0	0	0	0	0	0
0.059409	0	0	0	0	0	0

0.022921	0	0	0	0	0	0
0.004703	0	0	0	0	0	0
0.001433	0	0	0	0	0	0
0.013168	0	0	0	0	0	0
0.126984	0	0	0	0	0	0
0.042283	0	0	0	0	0	0
0.08896	0	0	0	0	0	0
0.150489	0	0	0	0	0	0
0.067529	0	0	0	0	0	0
0.267169	0	0	0	0	0	0
0.356515	0	0	0	0	0	0
0.095426	0	0	0	0	0	0
0.081548	0	0	0	0	0	0
0.270842	0	0	0	0	0	0
0.062259	0	0	0	0	0	0
0.011365	0	0	0	0	0	0
0.005763	0	0	0	0	0	0
0.032558	0	0	0	0	0	0
0.008586	0	0	0	0	0	0
0.022323	0	0	0	0	0	0
0.09416	0	0	0	0	0	0
0.076892	0	0	0	0	0	0
0.015744	0	0	0	0	0	0
0.017841	0	0	0	0	0	0
0.00296	0	0	0	0	0	0
0.005021	0	0	0	0	0	0
0.000827	0	0	0	0	0	0
0.002719	0	0	0	0	0	0
0.063028	0	0	0	0	0	0
0.213176	0.05	0	0	0	0	0
0.011885	0	0	0	0	0	0
0.001804	0	0	0	0	0	0
0.030078	0.01	0	0	0	0	0
0.004841	0	0	0	0	4	4
0.361338	0	4	0	5	0	9
0.410943	0	0	0	0	0	0
0.008021	0	0	0	0	0	0
0.001425	0	0	0	0	0	0
0.006832	0	0	0	0	0	0
0.001048	0	0	0	0	0	0
0.001523	0	0	0	0	0	0
0.025933	0	0	0	0	0	0
0.032952	0	0	0	0	0	0
0.006864	0	0	0	0	0	0
0.027203	0	0	0	0	0	0
0.007578	0	0	0	0	0	0
0.012612	0.01	0	0	0	0	0
0.000863	0	0	0	0	0	0
0.001806	0	0	0	4	0	4
0.00198	0	0	0	0	0	0

0.002477	0	0	0	0	0	0
0.000776	0	0	0	0	0	0
0.001582	0	0	0	0	0	0
0.001198	0	0	0	0	0	0
0.001677	0	0	0	0	0	0
0.002916	0	0	0	0	0	0
0.005893	0	0	0	0	0	0
0.005794	0	0	0	0	6	6
0.00166	0	6	0	0	0	6
0.016858	0	0	0	0	0	0
0.01118	0	0	0	0	10	10
0.003194	0	0	0	0	0	0
0.001002	0	0	0	0	0	0
0.000731	0	0	0	0	0	0
0.000538	0	0	0	0	0	0
0.0036	0	0	0	0	0	0
0.010032	0	0	0	0	0	0
0.006442	0	0	0	0	0	0
0.003038	0	0	0	0	1	1
0.003655	0	1	0	0	0	1
0.009155	0.02	10	0	0	7	17
0.002206	0	7	0	0	0	7
0.003179	0	0	0	0	0	0
0.001515	0	0	0	0	0	0
0.00255	0	0	0	0	0	0
0.002678	0	0	0	0	0	0
0.002038	0	0	0	0	0	0
0.003804	0	0	0	0	0	0
0.070651	0	0	0	0	0	0
0.045082	0	0	0	0	0	0
0.026901	0	0	0	0	0	0
0.070545	0	0	0	0	0	0
0.110762	0	0	0	0	0	0
0.022668	0	0	0	0	0	0
0.020972	0	0	0	0	0	0
0.051221	0	0	0	0	0	0
0.006564	0	0	0	0	0	0
0.007522	0	0	0	0	0	0
0.00854	0	0	0	0	0	0
0.017148	0	0	0	0	0	0
0.01794	0	0	0	0	0	0
0.004151	0	0	0	0	0	0
0.008847	0	0	0	0	0	0
0.006582	0	0	0	0	0	0
0.007167	0	0	0	0	0	0
0.007459	0	0	0	0	0	0
0.006585	0	0	0	0	0	0
0.003084	0	0	0	0	0	0
0.003785	0	0	0	0	0	0
0.006974	0	0	0	0	0	0

0.005624	0	0	0	0	0	0
0.084696	0	0	0	0	0	0
0.111625	0	0	0	0	0	0
0.127889	0	0	0	0	0	0
0.07023	0	0	0	0	0	0
0.052691	0	0	0	0	0	0
0.113995	0	0	0	0	0	0
0.145826	0	0	0	0	0	0
0.09824	0	0	0	0	0	0
0.163311	0	0	0	0	0	0
0.103592	0	0	0	0	0	0
0.324153	0	0	0	0	0	0
0.080654	0	0	0	0	0	0
0.335073	0.17	0	0	0	0	0
0.020697	0	0	0	0	0	0
0.01491	0	0	0	0	0	0
0.024047	0	0	0	0	0	0
0.048993	0	0	0	0	0	0
0.062942	0	0	0	0	0	0
0.016077	0	0	0	0	0	0
0.014417	0	0	0	0	0	0
0.013808	0	0	0	0	0	0
0.008608	0	0	0	0	0	0
0.057816	0	0	0	0	0	0
0.113774	0	0	0	0	0	0
0.541064	0	0	0	0	0	0
0.059921	0	0	0	0	0	0
0.023166	0	0	0	0	0	0
0.038405	0	0	0	0	0	0
0.035134	0	0	0	0	0	0
0.082986	0	0	0	0	0	0
0.049549	0	0	0	0	0	0
0.085926	0	0	0	0	0	0
0.06777	0	0	0	0	0	0
0.04351	0	0	0	0	0	0
0.353042	0	0	0	0	0	0
0.084349	0	0	0	0	0	0
0.069659	0	0	0	0	0	0
0.047805	0	0	0	0	0	0
0.09505	0	0	0	0	0	0
0.088868	0	0	0	0	0	0
0.034065	0	0	0	0	0	0
0.034284	0	0	0	0	0	0
0.059894	0	0	0	0	0	0
0.054841	0	0	0	0	0	0
0.024601	0	0	0	0	0	0
0.036794	0	0	0	0	0	0
0.0711	0	0	0	0	0	0
0.065418	0	0	0	0	0	0
0.035314	0	0	0	0	0	0

0.062222	0	0	0	0	0	0
0.061931	0	0	0	0	0	0
0.076035	0	0	0	0	0	0
0.058483	0	0	0	0	0	0
0.17778	0	0	5	0	0	5
0.070133	0	0	0	0	0	0
0.045011	0	0	0	0	0	0
0.110768	0	0	0	0	0	0
0.031361	0	0	0	0	0	0
0.034072	0	0	0	0	0	0
0.023248	0	0	0	0	0	0
0.05461	0	0	0	0	0	0
0.013252	0	0	0	0	0	0
0.042341	0	0	0	0	0	0
0.060997	0	0	0	0	0	0
0.048317	0	0	0	0	0	0
0.060422	0	0	0	0	0	0
0.02818	0	0	0	0	0	0
0.121487	0	0	0	0	0	0
0.053821	0	0	0	0	0	0
0.12461	0	0	0	0	0	0
0.039832	0	0	0	0	0	0
0.046613	0	0	0	0	0	0
0.04372	0	0	0	0	0	0
0.163574	0	0	0	0	0	0
0.063575	0	0	0	0	0	0
0.068914	0	0	0	0	0	0
0.074891	0	0	0	0	0	0
0.012738	0	0	0	0	0	0
0.019683	0	0	0	0	0	0
0.019084	0	0	0	0	5	5
0.004308	0	5	0	0	0	5
0.037386	0	0	0	0	0	0
0.038155	0	0	0	0	0	0
0.00823	0	0	0	0	0	0
0.066442	0	0	0	0	0	0
0.012485	0	0	0	0	0	0
0.036931	0	0	0	0	0	0
0.018971	0	0	0	0	0	0
0.012934	0	0	0	0	0	0
0.008812	0	0	0	0	0	0
0.013123	0	0	0	0	0	0
0.063124	0	0	0	0	0	0
0.057358	0	0	0	0	0	0
0.054069	0	0	0	0	0	0
0.068849	0	0	0	0	0	0
0.010742	0	0	0	0	0	0
0.044608	0	4	0	0	0	4
0.032135	0	0	0	0	12	12
0.007596	0	12	0	0	0	12

0.011161	0	0	0	0	0	0
0.002912	0	0	0	0	0	0
0.002847	0	0	0	0	0	0
0.005572	0	0	0	0	0	0
0.006444	0	0	0	0	0	0
0.003011	0	0	0	0	1	1
0.002269	0	1	0	0	0	1
0.003252	0	0	0	0	0	0
0.003037	0	0	0	0	0	0
0.013128	0	0	0	0	0	0
0.00129	0	0	0	0	4	4
0.037579	0	0	0	0	0	0
0.05619	0	0	0	0	0	0
0.055828	0	0	0	0	0	0
0.010489	0	0	0	0	0	0
0.391047	0	0	0	0	0	0
0.013019	0	0	0	0	0	0
0.009055	0	0	0	0	0	0
0.008779	0	0	0	0	0	0
0.027443	0	0	0	0	0	0
0.008471	0	0	0	0	0	0
0.031305	0	0	0	0	0	0
0.032186	0	0	0	0	0	0
0.098206	0	0	0	0	0	0
0.010711	0	0	0	0	0	0
0.006944	0	0	0	0	0	0
0.026489	0	0	0	0	0	0
0.040071	0.01	0	0	0	0	0
0.019184	0	0	0	0	0	0
0.02103	0	0	0	0	0	0
0.034138	0	0	0	0	0	0
0.005797	0	0	0	0	0	0
0.003687	0	0	0	0	0	0
0.009514	0	0	0	0	0	0
0.006577	0	0	0	0	0	0
0.018993	0	0	0	0	0	0
0.003039	0	0	0	0	0	0
0.003616	0	0	0	0	0	0
0.011244	0	0	0	0	0	0
0.010114	0	0	0	0	0	0
0.008164	0	0	0	0	0	0
0.017409	0	0	0	0	0	0
0.008488	0	0	0	0	0	0
0.004752	0	0	0	0	0	0
0.006134	0	0	0	0	0	0
0.006469	0	0	0	0	0	0
0.005428	0	0	0	0	0	0
0.000304	0	0	0	0	0	0
0.000215	0	0	0	0	0	0
0.001071	0	0	0	0	0	0



0.000315	0	0	0	0	0	0
0.001135	0	0	0	0	0	0
0.013124	0	0	0	0	0	0
0.016464	0	0	0	0	0	0
0.007305	0	0	0	0	0	0
0.015408	0	0	0	0	0	0
0.007761	0	0	0	0	0	0
0.010138	0	0	0	0	0	0
0.00466	0	0	0	0	0	0
0.00854	0	0	0	0	0	0
0.004889	0	0	0	0	0	0
0.003861	0	0	0	0	0	0
0.004079	0	0	0	0	0	0
0.013803	0	0	0	0	0	0
0.003345	0	0	0	0	0	0
0.013291	0	0	0	0	0	0
0.017976	0	0	0	0	0	0
0.011495	0	0	0	0	0	0
0.011408	0	0	0	0	0	0
0.012324	0	0	0	0	0	0
0.007119	0	0	0	0	0	0
0.009548	0	0	0	0	0	0
0.033283	0	0	0	0	0	0
0.011587	0	0	0	0	0	0
0.102241	0	0	0	0	0	0
0.122636	0	0	0	0	0	0
0.092543	0	0	0	0	0	0
0.009576	0	0	0	0	0	0
0.108216	0	0	0	0	0	0
0.068105	0	0	0	0	0	0
0.055969	0	0	0	0	0	0
0.046995	0	0	0	0	0	0
0.037441	0	0	0	0	0	0
0.029552	0	0	0	0	0	0
0.015192	0	0	0	0	0	0
0.017827	0	0	0	0	0	0
0.187684	0.01	0	0	0	0	0
0.177481	0	0	0	0	0	0
0.011782	0	0	0	0	0	0
0.050824	0	0	0	0	0	0
0.041468	0	0	0	0	0	0
0.069326	0	0	0	0	0	0
0.024417	0	0	0	0	0	0
0.122887	0	0	0	0	0	0
0.024681	0	0	0	0	0	0
0.097982	0	0	0	0	0	0
0.016162	0	0	0	0	0	0
0.013905	0	0	0	0	0	0
0.027964	0	0	0	0	0	0
0.020722	0	0	0	0	0	0

0.031433	0	0	0	0	0	0
0.04569	0	0	0	0	0	0
0.059225	0	0	0	0	0	0
0.100226	0	0	0	0	0	0
0.030335	0	0	0	0	0	0
0.048935	0	0	0	0	0	0
0.123583	0	0	0	0	0	0
0.039276	0	0	0	0	0	0
0.020194	0	0	0	0	0	0
0.040099	0	0	0	0	0	0
0.026682	0	0	0	0	0	0
0.037101	0.08	0	0	0	0	0
0.018509	0	2	7	10	0	19
0.027727	0	0	31	31	0	62
0.02762	0	0	2	7	12	21
0.110679	0	12	1	7	0	20
0.110452	0.11	0	0	0	0	0
0.003788	0	0	0	0	0	0
0.002762	0	0	0	0	0	0
0.002795	0	0	0	0	0	0
0.002479	0	0	0	0	0	0
0.001572	0	0	0	0	0	0
0.001452	0	0	0	0	0	0
0.001713	0	0	0	0	0	0
0.005574	0	0	0	7	8	15
0.052297	0	8	0	0	0	8
0.018517	0	0	0	0	0	0
0.014638	0	0	0	0	0	0
0.005533	0	0	0	0	0	0
0.002441	0	0	0	0	0	0
0.002977	0	0	0	0	0	0
0.001816	0	0	0	0	0	0
0.001825	0	0	0	0	1	1
0.114982	0.03	1	0	0	0	1
0.00304	0	0	0	0	0	0
0.144169	0.05	0	0	0	0	0
0.004614	0	0	0	0	0	0
0.004804	0	0	0	0	0	0
0.002527	0	0	0	0	0	0
0.003177	0	0	0	0	0	0
0.003441	0	0	0	0	0	0
0.047532	0	0	0	0	0	0
0.012195	0	0	0	0	0	0
0.009485	0	0	0	0	0	0
0.006577	0	0	0	0	0	0
0.008207	0	0	0	0	0	0
0.006482	0	0	0	0	0	0
0.004981	0	0	0	0	0	0
0.006001	0	0	0	0	0	0
0.005667	0	0	0	0	0	0

0.05849	0	0	0	0	0	0
0.059609	0	0	0	0	0	0
0.126457	0	0	0	0	0	0
0.007269	0	0	0	0	0	0
0.020513	0	0	0	0	0	0
0.016425	0	0	0	0	0	0
0.074223	0	0	0	0	0	0
0.08487	0	0	0	0	0	0
0.018667	0	0	0	0	0	0
0.015743	0	0	0	0	0	0
0.067344	0	0	0	0	0	0
0.04508	0	0	0	0	0	0
0.01567	0	0	0	0	0	0
0.070636	0	0	0	0	0	0
0.04977	0	0	0	0	0	0
0.014654	0	0	0	0	0	0
0.040079	0	0	0	0	0	0
0.14145	0	0	0	0	0	0
0.077063	0	0	0	0	0	0
0.06072	0	0	0	0	0	0
0.032221	0	0	0	0	0	0
0.035763	0	0	0	0	0	0
0.120326	0	0	0	0	0	0
0.053579	0	0	0	0	0	0
0.06123	0	0	0	0	0	0
0.116497	0	0	12	18	3	33
0.042386	0	3	0	0	2	5
0.109686	0	2	0	4	0	6
0.417315	0	0	4	4	0	8
0.052056	0	0	0	0	0	0
0.139769	0	0	0	0	0	0
0.020321	0	0	0	0	0	0
0.019029	0	0	0	0	0	0
0.023896	0	0	0	0	0	0
0.025425	0	0	0	0	0	0
0.022427	0	0	0	0	0	0
0.112173	0	0	0	0	0	0
0.015056	0	0	0	0	0	0
0.016718	0	0	0	0	0	0
0.033565	0	0	0	0	0	0
0.018496	0	0	0	0	0	0
0.02369	0	0	0	0	0	0
0.134314	0	0	0	0	0	0
0.181182	0	0	0	0	0	0
0.069321	0	0	0	0	0	0
0.008234	0	0	0	0	11	11
0.010515	0	11	0	0	0	11
0.033552	0	0	0	0	0	0
0.024956	0	0	0	0	0	0
0.074661	0	0	0	0	0	0

0.025388	0	0	0	0	0	0
0.015311	0	0	0	0	0	0
0.093879	0	0	0	0	0	0
0.025373	0	0	0	0	0	0
0.018992	0	0	0	0	0	0
0.040854	0	0	0	0	0	0
0.02249	0	0	0	0	0	0
0.017801	0	0	0	0	0	0
0.016028	0	0	0	0	0	0
0.57798	0.07	0	0	0	0	0
0.033421	0	0	0	0	0	0
0.016388	0	0	0	0	0	0
0.197863	0	0	0	0	0	0
0.038537	0	0	0	0	0	0
0.067687	0	0	0	0	0	0
0.027072	0	0	0	0	0	0
0.108939	0	0	0	0	0	0
0.021797	0	0	0	0	0	0
0.032589	0	0	0	0	0	0
0.056106	0	0	0	0	0	0
0.028342	0	0	0	0	0	0
0.098709	0	0	0	0	0	0
0.066178	0	0	0	0	0	0
0.035607	0	0	0	0	0	0
0.051987	0	0	0	0	0	0
0.054914	0	0	0	0	0	0
0.039867	0	0	0	0	0	0
0.040782	0	0	0	0	0	0
0.023249	0	0	0	0	0	0
0.052329	0	0	0	0	0	0
0.020104	0	0	0	0	0	0
0.021813	0	0	0	0	0	0
0.02953	0	0	0	0	0	0
0.042637	0	0	0	0	0	0
0.564637	0	0	0	0	0	0
0.205889	0.03	0	0	0	0	0
0.104201	0	0	0	0	0	0
0.077399	0	0	0	0	0	0
0.038083	0	0	0	0	0	0
0.109305	0	0	0	0	0	0
0.22703	0	0	0	0	0	0
0.647503	0	0	0	0	0	0
0.026645	0	0	0	0	0	0
0.023218	0	0	0	0	0	0
0.07907	0	0	0	0	0	0
0.09986	0	0	0	0	0	0
0.034633	0	0	0	0	0	0
0.015956	0	0	0	0	0	0
0.00475	0	0	0	0	0	0
0.009509	0	0	0	0	0	0

0.003675	0	0	0	0	0	0
0.016801	0	0	0	0	0	0
0.05313	0	0	0	0	0	0
0.081869	0	0	0	0	0	0
0.044215	0	0	0	0	0	0
0.022533	0	0	0	0	0	0
0.017951	0	0	0	0	0	0
0.012033	0	0	0	0	0	0
0.085256	0.02	0	0	0	0	0
0.014348	0	0	0	0	0	0
0.011154	0	0	0	0	0	0
0.017582	0	0	0	0	0	0
0.066379	0	0	0	0	0	0
0.019744	0	0	0	0	0	0
0.151348	0	0	0	0	0	0
0.049254	0	0	0	0	0	0
0.053477	0	0	0	0	0	0
0.211416	0	0	0	0	0	0
0.021406	0	0	0	0	0	0
0.031897	0	0	0	0	0	0
0.031312	0	0	0	0	0	0
0.014761	0	0	0	0	0	0
0.015942	0	0	0	0	0	0
0.03874	0	0	0	0	0	0
0.03141	0	0	0	0	0	0
0.040769	0	0	0	0	0	0
0.015858	0	0	0	0	0	0
0.024167	0	0	0	0	0	0
0.03405	0	0	0	0	0	0
0.026088	0	0	0	0	0	0
0.019877	0	0	0	0	0	0
0.048106	0	0	0	0	0	0
0.033202	0	0	0	0	0	0
0.038115	0	0	0	0	0	0
0.007103	0	0	0	0	0	0
0.001977	0	0	0	0	0	0
0.271788	0.08	0	0	0	0	0
0.021182	0	0	0	0	0	0
0.01027	0	0	0	0	0	0
0.03781	0	0	0	0	0	0
0.03573	0	0	0	0	0	0
0.017514	0	0	0	0	0	0
0.025911	0	0	0	0	0	0
0.016842	0	0	0	0	0	0
0.01109	0	0	0	0	0	0
0.014055	0	0	0	0	0	0
0.014085	0	0	0	0	0	0
0.010354	0	0	0	0	1	1
0.00317	0	0	0	0	0	0
0.002061	0	0	0	0	0	0

0.002308	0	0	0	0	0	0
0.004083	0	0	0	0	0	0
0.004889	0	0	0	0	0	0
0.002523	0	0	0	0	0	0
0.001677	0	0	0	0	0	0
0.00066	0	0	0	0	0	0
0.001424	0	0	0	0	0	0
0.003066	0	1	0	0	0	1
0.00484	0	0	0	0	0	0
0.004242	0	0	0	0	0	0
0.003022	0	0	0	0	0	0
0.002447	0	0	0	0	0	0
0.007283	0	0	0	0	0	0
0.004781	0	0	0	0	0	0
0.004224	0	0	0	0	0	0
0.068328	0	0	0	0	0	0
0.053176	0	0	0	0	0	0
0.044142	0	0	0	0	0	0
0.211279	0	0	0	0	0	0
0.215943	0	0	0	0	0	0
0.049729	0	0	0	0	0	0
0.038766	0	0	0	0	0	0
0.090165	0	0	0	0	0	0
0.056474	0	0	0	0	0	0
0.110393	0	0	0	0	0	0
0.019204	0	0	0	0	0	0
0.059217	0	0	0	0	0	0
0.102637	0	0	0	0	0	0
0.309371	0	0	0	0	0	0
0.443559	0	0	0	0	0	0
0.153749	0	0	0	0	0	0
0.1335	0	0	0	0	0	0
0.095525	0	0	0	0	0	0
0.052539	0	0	0	0	0	0
0.047139	0	0	0	0	0	0
0.05442	0	0	0	0	0	0
0.048199	0	0	0	0	0	0
0.029363	0	0	0	0	0	0
0.030362	0	0	0	0	0	0
0.00199	0	0	0	0	0	0
0.003242	0	0	0	0	0	0
0.001336	0	0	0	0	0	0
0.002199	0	0	0	0	0	0
0.006953	0	0	0	0	0	0
0.003403	0	0	0	0	0	0
0.001273	0	0	0	0	0	0
0.028655	0	0	0	0	0	0
0.025436	0	0	0	0	0	0
0.033681	0	0	0	0	0	0
0.053432	0	0	0	0	0	0

0.091427	0	0	0	0	0	0
0.039853	0	0	0	0	0	0
0.183637	0	0	0	0	0	0
0.071885	0	0	0	0	0	0
0.060367	0	0	0	0	0	0
0.069714	0	0	0	0	0	0
0.062123	0	0	0	0	0	0
0.059755	0	0	0	0	0	0
0.040941	0	0	0	0	0	0
0.022819	0	0	0	0	0	0
0.031982	0	0	0	0	0	0
0.056035	0	0	0	0	0	0
0.054377	0	0	0	0	0	0
0.45788	0.05	0	0	0	0	0
0.065397	0	0	0	0	0	0
0.032571	0	0	0	0	0	0
0.053472	0	0	0	0	0	0
0.168336	0	0	0	0	0	0
0.044007	0	0	0	0	0	0
0.025846	0	0	0	0	0	0
0.048665	0	0	0	0	0	0
0.046116	0	0	0	0	0	0
0.075111	0	0	0	0	0	0
0.016895	0	0	0	0	0	0
0.002147	0	0	0	0	0	0
0.00367	0	0	0	0	0	0
0.001248	0	0	0	0	0	0
0.00162	0	0	0	0	0	0
0.006196	0	0	0	0	0	0
0.001488	0	0	0	0	0	0
0.002695	0	0	0	0	0	0
0.006553	0	0	0	0	0	0
0.00423	0	0	0	0	0	0
0.003595	0	0	0	0	0	0
0.005097	0	0	0	0	0	0
0.003353	0	0	0	0	0	0
0.004703	0	0	0	0	0	0
0.004645	0	0	0	0	0	0
0.002542	0	0	0	0	0	0
0.002216	0	0	0	0	0	0
0.023077	0	0	0	0	0	0
0.09969	0	0	0	0	9	9
0.04893	0.03	9	0	0	0	9
0.075718	0.02	0	0	0	0	0
0.015731	0	0	0	0	0	0
0.007546	0	0	0	0	0	0
0.007565	0	0	0	0	0	0
0.012353	0	0	0	0	0	0
0.048976	0	0	0	0	0	0
0.010316	0	0	0	0	0	0

0.015893	0	0	0	0	0	0
0.086762	0	0	0	0	0	0
0.00446	0	0	0	0	0	0
0.018483	0	0	0	0	0	0
0.029912	0	0	0	0	0	0
0.005272	0	0	0	0	0	0
0.011746	0	0	0	0	0	0
0.008841	0	0	0	0	0	0
0.011122	0	0	0	0	0	0
0.009941	0	0	0	0	0	0
0.010716	0	0	0	0	0	0
0.007671	0	0	0	0	0	0
0.009363	0	0	0	0	0	0
0.010418	0	0	0	0	0	0
0.00085	0	0	0	0	0	0
0.047372	0	0	0	0	0	0
0.006756	0	0	0	0	0	0
0.006014	0	0	0	0	0	0
0.007717	0	0	0	0	0	0
0.003505	0	0	0	0	0	0
0.00217	0	0	0	0	0	0
0.000863	0	0	0	0	0	0
0.003367	0	0	0	0	0	0
0.001506	0	0	0	0	0	0
0.418227	0	0	0	0	0	0
0.098024	0	0	0	0	0	0
0.053681	0	0	0	0	0	0
0.055695	0	0	0	0	0	0
0.07182	0	0	0	0	0	0
0.016164	0	0	0	0	0	0
0.002516	0	0	0	0	0	0
0.00554	0	0	0	0	0	0
0.00737	0	0	0	0	0	0
0.002766	0	0	0	0	0	0
0.01293	0	0	0	0	0	0
0.01629	0	0	0	0	0	0
0.003275	0	0	0	0	0	0
0.001878	0	0	0	0	0	0
0.001429	0	0	0	0	0	0
0.001387	0	0	0	0	0	0
0.003415	0	0	0	0	0	0
0.001635	0	0	0	0	0	0
0.010675	0	0	0	0	0	0
0.000899	0	0	0	0	0	0
0.005282	0	0	0	0	0	0
0.004662	0	0	0	0	0	0
0.004215	0	0	0	0	0	0
0.103803	0	0	0	0	0	0
0.072774	0	0	0	0	0	0
0.047047	0	0	0	0	0	0



0.043027	0	0	0	0	0	0
0.029124	0	0	0	0	0	0
0.034568	0	0	0	0	0	0
0.095698	0	0	0	0	0	0
0.184984	0	0	0	0	0	0
0.169862	0	0	0	0	0	0
0.276885	0	0	0	0	0	0
0.039934	0	0	0	0	0	0
0.053648	0	0	0	0	0	0
0.076285	0	0	0	0	0	0
0.051842	0	0	0	0	0	0
0.084455	0	0	0	0	0	0
0.071257	0	0	0	0	0	0
0.109912	0	0	0	0	0	0
0.082414	0	0	0	0	0	0
0.178687	0	0	0	0	0	0
0.057336	0	0	0	0	0	0
0.093986	0	0	0	0	0	0
0.049125	0	0	0	0	0	0
0.042659	0	0	0	0	0	0
0.047975	0	0	0	0	0	0
0.090073	0	0	0	0	0	0
0.059179	0	0	0	0	0	0
0.060907	0	0	0	0	0	0
0.043798	0	0	0	0	0	0
0.0638	0	0	0	0	0	0
0.053544	0	0	0	0	0	0
0.048741	0	0	0	0	0	0
0.060646	0	0	0	0	0	0
0.061291	0	0	0	0	0	0
0.282718	0	0	0	0	0	0
0.050043	0	0	0	0	0	0
0.070911	0	0	0	0	0	0
0.054408	0	0	0	0	0	0
0.086336	0	0	0	0	0	0
0.122307	0	0	0	0	0	0
0.119165	0	0	0	0	0	0
0.015424	0	0	0	0	0	0
0.03743	0	0	0	0	0	0
0.023384	0	0	0	0	0	0
0.037621	0	0	0	0	0	0
0.048578	0	0	0	0	0	0
0.045374	0	0	0	0	0	0
0.106607	0	0	0	0	0	0
0.41931	0.16	0	0	0	0	0
0.420715	0.04	0	0	0	0	0
0.051255	0	0	0	0	0	0
0.059592	0	0	0	0	0	0
0.049719	0	0	0	0	0	0
0.045576	0	0	0	0	0	0

0.073124	0	0	0	0	0	0
0.04725	0	0	0	0	0	0
0.041984	0	0	0	0	0	0
0.064709	0	0	0	0	0	0
0.058008	0	0	0	0	0	0
0.039993	0	0	0	0	0	0
0.019917	0	0	0	0	0	0
0.041515	0	0	0	0	0	0
0.059428	0	0	0	0	0	0
0.059262	0	0	0	0	0	0
0.030851	0	0	0	0	0	0
0.016553	0	0	0	0	0	0
0.179152	0	0	0	0	1	1
0.035775	0	1	0	0	0	1
0.021312	0	0	0	0	0	0
0.019357	0	0	0	0	0	0
0.015661	0	0	0	0	0	0
0.01263	0	0	0	0	0	0
0.011102	0	0	0	0	0	0
0.01053	0	0	0	0	0	0
0.006031	0	0	0	0	0	0
0.018574	0	0	0	0	0	0
0.013528	0	0	0	0	0	0
0.009094	0	0	0	0	0	0
0.00399	0	0	0	0	0	0
0.047629	0	0	0	0	0	0
0.05591	0	0	0	0	0	0
0.057883	0	0	0	0	0	0
0.053586	0	0	0	0	0	0
0.621891	0.2	0	0	0	0	0
0.036485	0	0	0	0	0	0
0.054135	0	0	0	0	0	0
0.083388	0	0	0	0	0	0
0.051736	0	0	0	0	0	0
0.048796	0	0	0	0	0	0
0.041276	0	0	0	0	0	0
0.046148	0	0	0	0	0	0
0.048425	0	0	0	0	0	0
0.043159	0	0	0	0	0	0
0.137924	0	0	0	0	0	0
0.132178	0	0	0	0	0	0
0.039019	0	0	0	0	0	0
0.07078	0	0	0	0	0	0
0.074227	0	0	0	0	0	0
0.055719	0	0	0	0	0	0
0.049154	0	0	0	0	0	0
0.049694	0	0	0	0	0	0
0.087291	0	0	0	0	0	0
0.053714	0	0	0	0	0	0
0.276032	0	0	0	0	0	0

0.044122	0	0	0	0	0	0
0.176991	0	0	0	0	0	0
0.054174	0	0	0	0	0	0
0.062091	0	0	0	0	0	0
0.045033	0	0	0	0	0	0
0.026792	0	0	0	0	0	0
0.020206	0	0	0	0	0	0
0.023462	0	0	0	0	0	0
0.018258	0	0	0	0	0	0
0.119232	0	0	0	0	0	0
0.175245	0	0	0	0	0	0
0.059666	0	0	0	0	0	0
0.026462	0	0	0	0	0	0
0.0555	0	0	0	0	0	0
0.011752	0	0	0	0	0	0
0.012438	0	0	0	0	0	0
0.033346	0	0	0	0	0	0
0.03846	0	0	0	0	0	0
0.014161	0	0	0	0	0	0
0.010196	0	0	0	0	0	0
0.015077	0	0	0	0	0	0
0.072712	0	0	0	0	0	0
0.05548	0	0	0	0	0	0
0.052412	0	0	0	0	0	0
0.15049	0	0	0	0	0	0
0.017498	0	0	1	0	0	1
0.011658	0	0	0	0	0	0
0.047591	0	0	0	0	0	0
0.040506	0	0	0	0	0	0
0.17646	0.02	0	0	0	0	0
0.022836	0	0	0	0	0	0
0.519247	0.21	0	0	0	0	0
0.10955	0	0	0	0	0	0
0.035859	0	0	0	0	0	0
0.057727	0	0	0	0	0	0
0.037258	0	0	0	0	0	0
0.037124	0	0	0	0	0	0
0.023246	0	0	0	0	0	0
0.008651	0	0	0	0	0	0
0.015372	0	0	0	0	0	0
0.026472	0	0	0	0	0	0
0.769108	0.6	0	3	0	0	3
0.037991	0	0	0	0	0	0
0.048037	0	0	0	0	0	0
0.017685	0	0	0	0	0	0
0.017412	0	0	0	0	0	0
0.119916	0	0	0	0	0	0
0.01091	0	0	0	0	0	0
0.030282	0	0	0	0	0	0
0.031215	0	0	0	0	0	0

0.00988	0	0	0	0	0	0
0.00399	0	0	0	0	0	0
0.007066	0	0	0	0	0	0
0.008617	0	0	0	0	0	0
0.022906	0	0	0	0	0	0
0.031223	0	0	0	0	0	0
0.005792	0	0	0	0	0	0
0.005781	0	0	0	0	0	0
0.004622	0	0	0	0	0	0
0.007282	0	0	0	0	0	0
0.170356	0	0	0	0	2	2
0.106237	0	2	0	0	1	3
0.056957	0	1	0	0	0	1
0.126482	0	0	0	0	0	0
0.400257	0.11	0	0	0	0	0
0.066703	0	0	0	0	0	0
0.027842	0	0	0	0	0	0
0.135477	0	0	0	0	7	7
0.243243	0	0	0	0	0	0
0.261402	0	0	0	0	0	0
0.182584	0	0	0	0	0	0
0.089626	0	0	0	0	0	0
0.070654	0	0	0	0	0	0
0.101974	0	0	0	0	0	0
0.076577	0	0	0	0	0	0
0.161181	0	0	0	0	0	0
0.017422	0	0	0	0	0	0
0.028856	0	0	0	0	0	0
0.022493	0	0	0	0	0	0
0.048754	0	0	0	0	0	0
0.035742	0	0	0	0	0	0
0.068224	0	0	0	0	0	0
0.032868	0	0	0	0	0	0
0.014323	0	0	0	0	0	0
0.010534	0	0	0	0	0	0
0.010994	0	0	0	0	0	0
0.016265	0	0	0	0	0	0
0.081168	0	0	0	0	0	0
0.036412	0	0	0	0	0	0
0.029963	0	0	0	0	0	0
0.038321	0	0	0	0	0	0
0.043514	0	0	0	0	0	0
0.060189	0	0	0	0	0	0
0.043034	0	0	0	0	0	0
0.025949	0	0	0	0	0	0
0.029826	0	0	0	0	0	0
0.022593	0	0	0	0	0	0
0.192798	0	0	0	0	0	0
0.03485	0	0	0	0	0	0
0.022339	0	0	0	0	0	0

0.038115	0	0	0	0	0	0
0.023346	0	0	0	0	0	0
0.018027	0	0	0	0	0	0
0.01696	0	0	0	0	0	0
0.018675	0	0	0	0	0	0
0.034801	0	0	0	0	0	0
0.060246	0	0	0	0	0	0
0.320667	0	0	0	0	0	0
0.05949	0.01	0	0	0	0	0
0.018821	0	0	0	0	0	0
0.030891	0	0	0	0	0	0
0.036049	0	0	0	0	0	0
0.023545	0	0	0	0	0	0
0.027231	0	0	0	0	0	0
0.024338	0	0	0	0	0	0
0.024591	0	0	0	0	0	0
0.050253	0.01	0	0	0	0	0
0.045113	0	0	0	0	0	0
0.009989	0	0	0	0	0	0
0.009428	0	0	0	0	0	0
0.015566	0	0	0	0	0	0
0.100792	0	0	0	0	0	0
0.073658	0	0	0	0	0	0
0.007337	0	0	0	0	0	0
0.019703	0	0	0	0	0	0
0.033258	0	0	0	0	0	0
0.041098	0	0	0	0	0	0
0.034352	0	0	0	0	0	0
0.030318	0	0	0	0	0	0
0.042706	0	0	0	0	0	0
0.063264	0	0	0	0	0	0
0.012823	0	0	0	0	0	0
0.151845	0.14	0	0	0	0	0
0.116639	0	0	0	0	0	0
0.046752	0	0	0	0	0	0
0.212905	0	0	0	0	0	0
0.029889	0	0	0	0	0	0
0.0297	0	0	0	0	0	0
0.031791	0	0	0	0	0	0
0.040839	0	0	0	0	0	0
0.061752	0	0	0	0	0	0
0.017925	0	0	0	0	0	0
0.008183	0	0	0	0	0	0
0.008555	0	0	0	0	0	0
0.01083	0	0	0	0	0	0
0.022231	0	0	0	0	0	0
0.004833	0	0	0	0	0	0
0.024788	0	0	0	0	0	0
0.059646	0	0	0	0	0	0
0.020349	0	0	0	0	0	0

0.047452	0	0	0	0	0	0
0.08431	0	0	0	0	0	0
0.140449	0	0	0	0	0	0
0.009578	0	0	0	0	0	0
0.040299	0	0	0	0	0	0
0.084852	0	0	0	0	0	0
0.078668	0	0	0	0	0	0
0.05147	0	0	0	0	0	0
0.053529	0	0	0	0	0	0
0.0345	0	0	0	0	0	0
0.093869	0	0	0	0	0	0
0.053709	0	0	0	0	0	0
0.230913	0	0	0	0	0	0
0.292934	0	0	0	0	0	0
0.023873	0	0	0	0	0	0
0.146877	0	0	0	0	0	0
0.036918	0	0	0	0	0	0
0.028453	0	0	0	0	0	0
0.038126	0	0	0	0	0	0
0.04315	0	0	0	0	0	0
0.036966	0	0	0	0	0	0
0.061663	0	0	0	0	0	0
0.151077	0	0	0	0	0	0
0.039997	0	0	0	0	0	0
0.046968	0	0	0	0	1	1
0.412321	0.12	1	0	0	0	1
0.004799	0	0	0	0	0	0
0.005304	0	0	0	0	0	0
0.002644	0	0	0	0	0	0
0.011911	0	0	0	0	0	0
0.078764	0	0	0	0	0	0
0.028234	0	0	0	0	0	0
0.006863	0	0	0	0	0	0
0.012155	0	0	0	0	0	0
0.007125	0	0	0	0	0	0
0.0024	0	0	0	0	0	0
0.011353	0	0	0	0	0	0
0.041962	0	0	0	0	0	0
0.082196	0.01	0	0	0	0	0
0.048488	0	0	0	0	0	0
0.041918	0	0	0	0	0	0
0.031433	0	0	0	0	0	0
0.01931	0	0	0	0	0	0
0.045011	0	0	0	0	0	0
0.007325	0	0	0	0	0	0
0.021884	0	0	0	2	0	2
0.169739	0.09	0	0	0	0	0
0.002971	0	0	0	0	0	0
0.000743	0	0	0	0	0	0
0.002145	0	0	0	0	0	0

0.0013	0	0	0	0	0	0
0.00232	0	0	0	0	0	0
0.001501	0	0	0	0	0	0
0.040273	0	0	4	4	0	8
0.01319	0	0	0	0	0	0
0.014897	0	0	8	0	0	8
0.019469	0	0	0	0	0	0
0.012483	0	0	0	0	0	0
0.01014	0	0	0	0	0	0
0.0146	0	0	0	0	0	0
0.026326	0	0	0	0	0	0
0.01943	0	0	0	0	0	0
0.801169	0.36	0	0	0	0	0
0.088042	0	0	0	0	0	0
0.18827	0	0	0	0	0	0
0.061576	0	0	0	0	0	0
0.039582	0	0	0	0	0	0
0.03114	0	0	0	0	0	0
0.013416	0	0	0	0	0	0
0.011136	0	0	0	0	0	0
0.0059	0	0	0	0	0	0
0.006307	0	0	0	0	0	0
0.015266	0	0	0	0	0	0
0.013853	0	0	0	0	0	0
0.039349	0	0	0	0	0	0
0.054012	0	0	0	0	0	0
0.038286	0	0	0	0	0	0
0.030958	0	0	0	0	0	0
0.046502	0	0	0	0	0	0
0.043252	0	0	0	0	5	5
0.028523	0	5	0	0	0	5
0.030991	0	0	0	0	0	0
0.023637	0	0	0	0	0	0
0.022284	0	0	0	0	0	0
0.122043	0	0	0	0	0	0
0.036408	0	0	0	0	0	0
0.029408	0	0	0	0	0	0
0.02143	0	0	0	0	0	0
0.048789	0	0	0	0	0	0
0.04528	0	0	0	0	0	0
0.028416	0	0	0	0	0	0
0.025324	0	0	0	0	0	0
0.040485	0	0	0	0	0	0
0.023277	0	0	0	0	0	0
0.082652	0	0	0	0	0	0
0.028993	0	0	0	0	0	0
0.014505	0	0	0	0	0	0
0.08816	0	0	0	0	0	0
0.139877	0	0	0	0	0	0
0.254221	0	0	0	0	0	0

0.257662	0	0	0	0	0	0
0.02796	0	0	0	0	0	0
0.047368	0	0	0	0	0	0
0.399257	0	0	0	0	0	0
0.015946	0	0	0	0	0	0
0.012695	0	0	0	0	0	0
0.039889	0	0	0	0	0	0
0.074354	0	0	0	0	0	0
0.062704	0	0	0	0	0	0
0.030942	0	0	0	0	0	0
0.026785	0	0	0	0	0	0
0.034183	0	0	0	0	0	0
0.037967	0	0	0	0	0	0
0.078692	0	0	0	0	0	0
0.030678	0	0	0	0	0	0
0.019807	0	0	0	0	0	0
0.031635	0	0	0	0	0	0
0.037391	0	0	0	0	0	0
0.065862	0	0	0	0	0	0
0.01793	0	0	0	0	0	0
0.010367	0	0	0	0	0	0
0.108499	0	0	0	0	0	0
0.031632	0	0	0	0	0	0
0.028192	0	0	0	0	0	0
0.016699	0	0	0	0	0	0
0.187262	0	0	0	0	0	0
0.022519	0	0	0	0	0	0
0.080046	0	0	0	0	0	0
0.072798	0	0	0	0	0	0
0.22488	0	0	0	1	0	1
0.013812	0	0	0	0	0	0
0.063027	0	0	0	0	0	0
0.024671	0	0	0	0	0	0
0.18723	0	0	0	0	0	0
0.020925	0	0	0	0	0	0
0.156585	0	0	0	0	0	0
0.141439	0	0	0	0	0	0
0.045222	0	0	0	0	0	0
0.033469	0	0	0	0	0	0
0.064715	0	0	0	0	0	0
0.077655	0	0	0	0	0	0
0.08225	0	0	0	0	0	0
0.002926	0	0	0	0	0	0
0.007212	0	0	0	0	0	0
0.007383	0	0	0	0	0	0
0.003039	0	0	0	0	0	0
0.002502	0	0	0	0	0	0
0.014252	0	0	0	0	0	0
0.03039	0	0	0	0	0	0
0.347276	0	0	0	0	0	0



0.179897	0	0	0	0	0	0
0.041801	0	0	0	0	0	0
0.083659	0	0	0	0	0	0
0.059967	0	0	0	0	0	0
0.027087	0	0	0	0	0	0
0.011853	0	0	4	0	0	4
0.00419	0	0	0	0	0	0
0.007896	0	0	0	0	0	0
0.025332	0	0	0	0	0	0
0.014655	0	0	0	0	0	0
0.011507	0	0	0	0	0	0
0.010111	0	0	0	0	0	0
0.018818	0	0	0	0	0	0
0.009255	0	0	0	0	0	0
0.014654	0	0	0	0	0	0
0.024637	0	0	0	0	0	0
0.110301	0	0	0	0	0	0
0.037322	0	0	0	0	0	0
0.228994	0	0	0	0	0	0
0.391915	0	0	0	0	0	0
0.128797	0	0	0	0	0	0
0.00775	0	0	0	0	0	0
0.005273	0	0	0	0	0	0
0.014721	0	0	0	0	0	0
0.010824	0	0	0	0	0	0
0.019494	0	0	0	0	0	0
0.013511	0	0	0	0	0	0
0.005864	0	0	0	0	0	0
0.056659	0	0	0	0	0	0
0.088941	0	0	0	0	0	0
0.03786	0	0	0	0	0	0
0.345048	0	0	0	0	0	0
0.062026	0	0	0	0	0	0
0.038764	0	0	0	0	0	0
0.103634	0	0	0	0	0	0
0.021619	0	0	0	0	0	0
0.045715	0	0	0	0	0	0
0.051142	0	0	0	0	0	0
0.112618	0	0	0	0	0	0
0.028916	0	0	0	0	0	0
0.037869	0	0	0	0	0	0
0.024215	0	0	0	0	0	0
0.018305	0	0	0	0	0	0
0.036583	0	0	0	0	0	0
0.03965	0	0	0	0	0	0
0.013946	0	0	0	0	0	0
0.028269	0.01	0	0	0	0	0
0.005866	0	0	0	0	0	0
0.112494	0	0	0	0	0	0
0.125772	0	0	0	0	0	0

0.037707	0	0	0	0	0	0
0.050495	0	0	0	0	0	0
0.019341	0	0	0	0	0	0
0.100912	0	0	0	0	0	0
0.172363	0	0	0	0	0	0
0.111762	0	0	0	0	0	0
0.063178	0	0	0	0	0	0
0.166633	0	0	0	0	0	0
0.135466	0	0	0	0	0	0
0.046508	0	0	0	0	0	0
0.257958	0.06	0	0	0	0	0
0.036395	0	0	0	0	0	0
0.150206	0	0	0	0	0	0
0.023393	0	0	0	0	0	0
0.029596	0	0	0	0	0	0
0.021256	0	0	0	0	0	0
0.023339	0	0	0	0	0	0
0.04554	0	0	0	0	0	0
0.027609	0	0	0	0	0	0
0.026416	0	0	0	0	0	0
0.030769	0	0	0	0	0	0
0.022765	0	0	0	0	0	0
0.011951	0	0	0	0	0	0
0.013246	0	0	0	0	0	0
0.038881	0	0	0	0	0	0
0.121143	0	0	0	0	0	0
0.007381	0	0	0	0	0	0
0.033667	0	0	0	0	0	0
0.023471	0	0	0	0	0	0
0.0093	0	0	0	0	0	0
0.007823	0	0	0	0	0	0
0.007211	0	0	0	0	0	0
0.004009	0	0	0	0	0	0
0.024207	0	0	0	0	0	0
0.024106	0	0	0	0	0	0
0.025867	0	0	0	0	0	0
0.024386	0	0	0	0	5	5
0.029822	0	5	0	0	0	5
0.015554	0	0	0	0	0	0
0.737394	0	0	0	0	1	1
0.033629	0	0	0	0	0	0
0.019412	0	0	0	0	0	0
0.036022	0	0	0	0	0	0
0.020491	0	0	0	0	0	0
0.041027	0	0	0	0	0	0
0.060427	0	0	0	0	0	0
0.047654	0	0	0	0	0	0
0.024864	0	0	0	0	0	0
0.011571	0	0	0	0	0	0
0.27111	0	0	8	8	3	19

0.141815	0	1	5	0	0	6
0.014826	0	3	0	0	0	3
0.040131	0	0	0	0	0	0
0.06155	0	0	0	0	0	0
0.027144	0	0	0	0	0	0
0.017082	0	0	0	0	0	0
0.036819	0	0	0	0	0	0
0.046899	0	0	0	0	0	0
0.025139	0	0	0	0	0	0
0.046805	0	0	0	0	0	0
0.046568	0	0	0	0	0	0
0.027728	0	0	0	0	0	0
0.031106	0	0	0	0	0	0
0.078072	0	0	0	0	0	0
0.045135	0	0	0	0	0	0
0.101666	0	0	0	0	0	0
0.09088	0	0	0	0	0	0
0.032964	0	0	0	0	0	0
0.041676	0	0	0	0	0	0
0.08723	0	0	0	0	0	0
0.03255	0	0	0	0	0	0
0.042098	0	0	0	0	0	0
0.167397	0	0	0	0	0	0
0.081292	0	0	0	0	0	0
0.043109	0	0	0	0	0	0
0.032409	0	0	0	0	0	0
0.070405	0	0	0	0	0	0
0.056253	0	0	0	0	0	0
0.069959	0	0	0	0	0	0
0.963235	0.04	0	0	6	0	6
0.011401	0	0	0	0	0	0
0.006314	0	0	0	0	0	0
0.007774	0	0	0	0	0	0
0.061203	0	0	0	0	0	0
0.05788	0	0	0	0	0	0
0.03411	0	0	0	0	0	0
0.003148	0	0	0	0	0	0
0.004241	0	0	0	0	0	0
0.001828	0	0	0	0	0	0
0.006698	0	0	0	0	0	0
0.008363	0	0	0	0	0	0
0.003612	0	0	0	0	0	0
0.002119	0	0	0	0	0	0
0.013539	0	0	0	0	0	0
0.005981	0	0	0	0	0	0
0.072646	0	0	0	0	0	0
0.044949	0	0	0	0	0	0
0.042096	0	0	0	0	0	0
0.04171	0	0	0	0	0	0
0.027498	0	0	0	0	0	0

0.410602	0	0	0	0	0	0
0.033499	0	0	0	0	0	0
0.051338	0	0	0	0	0	0
0.046704	0	0	0	0	0	0
0.062903	0	0	0	0	0	0
0.032791	0	0	0	0	0	0
0.080005	0	0	0	0	0	0
0.053409	0	0	0	0	0	0
0.794808	0	0	0	0	0	0
0.020908	0	0	0	0	0	0
0.015964	0	0	0	0	0	0
0.045678	0	0	0	0	0	0
0.008587	0	0	0	0	0	0
0.10363	0	0	0	0	0	0
0.14755	0	0	0	0	0	0
0.079101	0	0	0	0	0	0
0.146103	0	0	0	0	0	0
0.174562	0	0	0	0	0	0
0.012226	0	0	0	0	0	0
0.004794	0	0	0	0	0	0
0.071873	0	0	0	0	0	0
0.029422	0	0	0	0	0	0
0.099537	0	0	0	0	0	0
0.094161	0	0	0	0	0	0
0.392145	0.01	0	0	0	0	0
0.163604	0	0	0	0	0	0
0.229314	0	0	0	0	0	0
0.017744	0	0	0	0	0	0
0.009021	0	0	0	0	0	0
0.013755	0	0	0	0	0	0
0.013443	0	0	0	0	0	0
0.012904	0	0	0	0	3	3
0.007576	0	3	0	0	0	3
0.008081	0	0	0	0	0	0
0.007366	0	0	0	0	0	0
0.006638	0	0	0	0	0	0
0.091312	0	0	0	0	0	0
0.118293	0	0	0	0	0	0
0.106847	0	0	0	0	0	0
0.135562	0	0	0	0	0	0
0.097241	0	0	0	0	0	0
0.082288	0	0	0	0	0	0
0.068909	0	0	0	0	0	0
0.069363	0	0	0	0	0	0
0.032056	0	0	0	0	0	0
0.061532	0	0	0	0	0	0
0.046025	0	0	0	0	0	0
0.035272	0	0	0	0	0	0
0.074705	0	0	0	0	0	0
0.037567	0	0	0	0	0	0

0.048997	0	0	0	0	0	0
0.064052	0	0	0	0	0	0
0.027122	0	0	0	0	0	0
0.039662	0	0	0	0	0	0
0.041874	0	0	0	0	0	0
0.034277	0	0	0	0	0	0
0.060811	0	0	0	0	0	0
0.028155	0	0	0	0	0	0
0.024143	0	0	0	0	0	0
0.045122	0	0	0	0	0	0
0.028205	0	0	0	0	0	0
0.046142	0	0	0	0	0	0
0.122984	0.01	0	0	0	0	0
0.03624	0	0	0	0	0	0
0.02211	0	0	0	0	0	0
0.023268	0	0	0	0	0	0
0.047338	0	0	0	0	0	0
0.028043	0	0	0	0	0	0
0.017831	0	0	0	0	0	0
0.016336	0	0	0	0	0	0
0.022643	0	0	0	0	0	0
0.033384	0	0	0	0	0	0
0.110615	0	0	0	0	0	0
0.04862	0	0	0	0	0	0
0.020519	0	0	0	0	0	0
0.051405	0	0	0	0	0	0
0.028285	0	0	0	0	0	0
0.016934	0	0	0	0	0	0
0.016221	0	0	0	0	0	0
0.00994	0	0	0	0	0	0
0.03022	0	0	0	0	0	0
0.043803	0	0	0	0	0	0
0.049275	0	0	0	0	0	0
0.050108	0	0	0	0	0	0
0.045366	0	0	0	0	0	0
0.043442	0	0	0	0	0	0
0.06921	0	0	0	0	0	0
0.040899	0	0	0	0	0	0
0.099947	0	0	0	0	0	0
0.007671	0	0	0	0	0	0
0.010627	0	0	0	0	0	0
0.009832	0	0	0	0	0	0
0.008617	0	0	0	0	0	0
0.032156	0	0	0	0	0	0
0.008883	0	0	0	0	0	0
0.015473	0	0	0	0	0	0
0.007369	0	0	0	0	0	0
0.013522	0	0	0	0	0	0
0.075924	0	0	0	0	0	0
0.004073	0	0	0	0	0	0

0.076298	0	0	0	0	0	0
0.019896	0	0	0	0	0	0
0.019612	0	0	0	0	0	0
0.141873	0	0	0	0	0	0
0.17947	0	0	0	0	0	0
0.014688	0	0	0	0	0	0
0.237248	0.06	0	0	0	0	0
0.015035	0	0	0	0	0	0
0.008252	0	0	0	0	0	0
0.014582	0	0	0	0	0	0
0.014316	0	0	0	0	0	0
0.02981	0	0	0	0	0	0
0.03394	0	0	0	0	0	0
0.06099	0	0	0	0	0	0
0.007232	0	0	0	0	0	0
0.001649	0	0	0	0	0	0
0.00915	0	0	0	0	0	0
0.008939	0.01	0	0	0	0	0
0.013138	0	0	0	0	0	0
0.002634	0	0	0	0	0	0
0.001214	0	0	0	0	0	0
0.057397	0	0	0	0	0	0
0.003368	0	0	0	0	0	0
0.002595	0	0	0	0	0	0
0.001978	0	0	0	0	0	0
0.010696	0	0	0	0	0	0
0.003035	0	0	0	0	0	0
0.003511	0	0	0	0	0	0
0.006748	0	0	0	0	0	0
0.007201	0	0	0	0	0	0
0.017003	0	0	0	0	0	0
0.005346	0	0	0	0	0	0
0.002705	0	0	0	0	0	0
0.045771	0	0	0	0	0	0
0.044653	0	0	0	0	0	0
0.070261	0	0	0	0	0	0
0.036249	0	0	0	0	0	0
0.034984	0	0	0	0	0	0
0.097713	0	0	0	0	0	0
0.027722	0	0	0	0	0	0
0.022049	0	0	0	0	0	0
0.037456	0	0	0	0	0	0
0.218319	0	0	0	0	0	0
0.14223	0	0	0	0	0	0
0.103561	0	0	0	0	0	0
0.010762	0	0	0	0	0	0
0.016543	0	0	0	0	0	0
0.011653	0	0	0	0	0	0
0.016866	0	0	0	0	0	0
0.016722	0	0	0	0	0	0

0.036499	0	0	0	0	0	0
0.011992	0	0	0	0	0	0
0.014628	0	0	0	0	0	0
0.016023	0	0	0	0	0	0
0.043461	0	0	0	0	0	0
0.014707	0	0	0	0	0	0
0.019311	0	0	0	0	0	0
0.006839	0	0	0	0	0	0
0.034393	0	0	0	0	0	0
0.004842	0	0	0	0	0	0
0.001061	0	0	0	0	0	0
0.001411	0	0	0	0	0	0
0.007541	0	0	0	0	0	0
0.00379	0	0	0	0	0	0
0.002389	0	0	0	0	0	0
0.002497	0	0	0	0	0	0
0.001975	0	0	0	0	0	0
0.002166	0	0	0	0	0	0
0.001731	0	0	0	0	0	0
0.626147	0	0	0	0	0	0
0.027893	0	0	0	0	0	0
0.036809	0	0	0	0	0	0
0.015302	0	0	0	0	0	0
0.035014	0	0	0	0	0	0
0.01734	0	0	0	0	0	0
0.110765	0	0	0	0	0	0
0.015009	0	0	0	0	0	0
0.016563	0	0	0	0	0	0
0.012947	0	0	0	0	0	0
0.073833	0	0	0	0	0	0
0.143461	0.01	0	0	0	0	0
0.084939	0	0	0	0	0	0
0.039751	0	0	0	0	0	0
0.249048	0	0	0	0	0	0
0.083027	0	0	0	0	0	0
0.059725	0	0	0	0	0	0
0.004842	0	0	0	0	0	0
0.003187	0	0	0	0	4	4
0.0047	0	4	0	0	0	4
0.001794	0	0	0	0	0	0
0.003385	0	0	0	0	0	0
0.004331	0	0	0	0	0	0
0.000733	0	0	0	0	0	0
0.001868	0	0	0	0	0	0
0.001742	0	0	0	0	0	0
0.002041	0	0	0	0	0	0
0.000958	0	0	0	0	0	0
0.00162	0	0	0	0	0	0
0.133212	0	0	0	0	0	0
0.004015	0	0	1	0	1	2

0.002683	0	1	2	0	0	3
0.370821	0	0	0	0	0	0
0.002072	0	0	0	0	0	0
0.022143	0	0	0	0	0	0
0.018625	0	0	0	0	0	0
0.008977	0	0	0	0	0	0
0.004581	0	0	0	0	0	0
0.018749	0	0	0	0	0	0
0.010789	0	0	0	0	0	0
0.02899	0	0	0	0	0	0
0.035035	0	0	0	0	0	0
0.041171	0	0	0	0	0	0
0.007208	0	0	0	0	0	0
0.015684	0	0	0	0	0	0
0.045687	0	0	0	0	0	0
0.032918	0	0	0	0	0	0
0.043563	0	0	0	0	0	0
0.105497	0	0	0	0	0	0
0.108573	0	0	0	0	0	0
0.157709	0	0	0	0	0	0
0.056728	0	0	0	0	0	0
0.184953	0	0	0	0	0	0
0.018259	0	0	0	0	0	0
0.057833	0	0	0	0	0	0
0.048684	0	0	0	0	0	0
0.06142	0	0	0	0	0	0
0.071556	0	0	0	0	0	0
0.058523	0	0	0	0	0	0
0.028891	0	0	0	0	0	0
0.024767	0	0	0	0	0	0
0.081558	0	0	0	0	0	0
0.038141	0	0	0	0	0	0
0.044883	0	0	0	0	0	0
0.121965	0	0	0	0	0	0
0.032442	0	0	0	0	0	0
0.028165	0	0	0	0	0	0
0.038987	0	0	0	0	0	0
0.022901	0	0	0	0	0	0
0.048118	0	0	0	0	0	0
0.018628	0	0	0	0	0	0
0.015462	0	0	0	0	0	0
0.018027	0	0	0	0	0	0
0.021506	0	0	0	0	0	0
0.025017	0	0	0	0	0	0
0.026295	0	0	0	0	0	0
0.023661	0	0	0	0	0	0
0.008042	0	0	0	0	0	0
0.018307	0	0	0	0	0	0
0.116294	0	0	0	0	0	0
0.050437	0	0	0	0	0	0



0.048518	0	0	0	0	0	0
0.049631	0	0	0	0	0	0
0.022135	0	0	0	0	0	0
0.059624	0	0	0	0	0	0
0.037896	0	0	0	0	0	0
0.076369	0	0	0	0	0	0
0.574138	0.02	0	0	0	0	0
0.162321	0	0	0	0	0	0
0.068396	0	0	0	0	0	0
0.081982	0	0	0	0	0	0
0.145357	0	0	0	0	0	0
0.043589	0	0	0	0	0	0
0.025319	0	0	0	0	0	0
0.362146	0	0	0	0	0	0
0.040581	0	0	0	0	0	0
0.052831	0	0	0	0	0	0
0.048371	0	0	0	0	0	0
0.060537	0	0	0	0	0	0
0.050496	0	0	0	0	0	0
0.035123	0	0	0	0	0	0
0.05467	0	0	0	0	0	0
0.097496	0	0	0	0	0	0
0.107727	0	0	0	0	0	0
0.035929	0	0	0	0	0	0
0.069533	0	0	0	0	0	0
0.021998	0	0	0	0	0	0
0.018308	0	0	0	0	0	0
0.028288	0	0	0	0	0	0
0.124439	0	0	0	0	0	0
0.05285	0	0	0	0	0	0
0.091313	0	0	0	0	0	0
0.053728	0	0	0	0	0	0
0.110297	0	0	0	0	0	0
0.21792	0	0	0	0	0	0
0.040797	0	0	0	0	0	0
0.025662	0	0	0	0	0	0
0.01637	0	0	0	0	0	0
0.015744	0	0	0	0	0	0
0.024596	0	0	0	0	0	0
0.020805	0	0	0	0	0	0
0.024589	0	0	0	0	0	0
0.026292	0	0	0	0	0	0
0.01462	0	0	0	0	0	0
0.011711	0	0	0	0	0	0
0.035602	0	0	0	0	0	0
0.039273	0	0	0	0	0	0
0.03677	0	0	0	0	0	0
0.030177	0	0	0	0	0	0
0.023725	0	0	0	0	0	0
0.019132	0	0	0	0	0	0

0.026543	0	0	0	0	0	0
0.031817	0	0	0	0	0	0
0.034578	0	0	0	0	0	0
0.018394	0	0	0	0	0	0
0.014376	0	0	0	0	0	0
0.012768	0	0	0	0	0	0
0.017255	0	0	0	0	0	0
0.017479	0	0	0	4	0	4
0.095842	0	0	0	0	0	0
0.079655	0	0	0	0	0	0
0.060786	0	0	0	0	0	0
0.066541	0	0	0	0	0	0
0.037007	0	0	0	0	0	0
0.029468	0	0	0	0	0	0
0.213894	0.07	0	0	0	0	0
0.004195	0	0	0	0	0	0
0.001505	0	0	0	0	0	0
0.001561	0	0	0	0	0	0
0.001235	0	0	0	0	0	0
0.001991	0	0	0	0	0	0
0.001785	0	0	0	0	0	0
0.002928	0	0	0	0	0	0
0.01584	0	0	0	0	0	0
0.015605	0	0	0	0	0	0
0.001373	0	0	0	0	0	0
0.020251	0	0	0	0	0	0
0.001086	0	0	0	0	0	0
0.002586	0	0	0	0	0	0
0.001191	0	0	0	0	0	0
0.023413	0	0	0	0	0	0
0.001264	0	0	0	0	0	0
0.001456	0	0	0	0	0	0
0.000665	0	0	0	0	0	0
0.001648	0	0	0	0	0	0
0.00078	0	0	0	0	0	0
0.001445	0	0	0	0	0	0
0.002593	0	0	0	0	0	0
0.011244	0	0	0	0	0	0
0.000695	0	0	0	0	0	0
0.001876	0	0	0	0	0	0
0.001473	0	0	0	0	0	0
0.001043	0	0	0	0	0	0
0.001221	0	0	0	0	0	0
0.003932	0	0	0	0	0	0
0.003154	0	0	0	0	0	0
0.001457	0	0	0	0	0	0
0.004205	0	0	0	0	0	0
0.001221	0	0	0	0	0	0
0.007767	0	0	0	0	0	0
0.006781	0	0	0	0	0	0

0.00416	0	0	0	0	0	0
0.019853	0	0	0	0	0	0
0.002061	0	0	0	0	0	0
0.001626	0	0	0	0	0	0
0.003369	0	0	0	0	0	0
0.003015	0	0	0	0	0	0
0.011007	0	0	0	0	0	0
0.004949	0	0	0	0	0	0
0.00382	0	0	0	0	0	0
0.00248	0	0	0	0	0	0
0.003155	0	0	0	0	0	0
0.000103	0	0	0	0	0	0
0.004718	0	0	0	0	0	0
0.000304	0	0	0	0	0	0
0.033398	0	0	0	0	0	0
0.004401	0	0	0	0	0	0
0.001432	0	0	0	0	0	0
0.195953	0.12	0	0	0	2	2
0.011535	0	2	0	0	0	2
0.004689	0	0	0	0	0	0
0.009058	0	0	0	0	0	0
0.001819	0	0	0	0	0	0
0.004402	0	0	0	0	0	0
0.001058	0	0	0	0	0	0
0.00161	0	0	0	0	0	0
0.006933	0	0	0	0	6	6
0.0035	0	6	0	0	0	6
0.002709	0	0	0	0	0	0
0.001926	0	0	0	0	0	0
0.003844	0	0	0	0	0	0
0.010841	0.01	0	0	0	0	0
0.008642	0	0	0	0	0	0
0.006592	0	0	0	0	0	0
0.021549	0	0	0	0	0	0
0.002263	0	0	0	0	0	0
0.000688	0	0	0	0	0	0
0.000281	0	0	0	0	0	0
0.00981	0	0	0	0	0	0
0.320444	0	0	0	0	0	0
0.005748	0	0	0	0	0	0
0.002185	0	0	0	0	0	0
0.009219	0	0	0	0	0	0
0.00302	0	0	0	0	0	0
0.000986	0	0	0	0	0	0
0.002335	0	0	0	0	0	0
0.007703	0	0	0	0	0	0
0.118631	0.04	0	0	0	0	0
0.002185	0	0	0	0	0	0
0.011032	0	0	0	0	0	0
0.002806	0	0	0	0	0	0

0.013452	0	0	0	0	0	0
0.011431	0	0	0	0	0	0
0.014884	0	0	0	0	0	0
0.019216	0	0	0	0	0	0
0.017549	0	0	0	0	0	0
0.016605	0	0	0	1	0	1
0.002946	0	0	0	0	0	0
0.015028	0	0	0	0	0	0
0.011672	0	0	0	0	0	0
0.004816	0	0	0	0	0	0
0.004938	0	0	0	0	0	0
0.015344	0	0	0	0	0	0
0.004928	0	0	0	0	0	0
0.002777	0	0	0	0	0	0
0.00729	0	0	0	0	0	0
0.002021	0	0	0	0	0	0
0.000891	0	0	0	0	0	0
0.003089	0	0	4	0	0	4
0.01199	0	0	0	0	0	0
0.004346	0	0	0	0	0	0
0.003864	0	0	0	0	0	0
0.002958	0	0	0	0	0	0
0.03535	0	0	0	0	2	2
0.01374	0	2	0	0	0	2
0.027577	0	0	0	0	0	0
0.039351	0	0	0	0	0	0
0.003535	0	0	0	0	0	0
0.002976	0	0	0	0	0	0
0.004607	0	0	0	0	0	0
0.000052	0	0	0	0	0	0
0.019312	0	0	0	0	0	0
0.017068	0	0	0	0	0	0
0.007239	0	0	0	0	0	0
0.010102	0	0	0	0	0	0
0.01145	0	0	0	0	0	0
0.002398	0	0	0	0	0	0
0.000173	0	0	0	0	0	0
0.002926	0	0	0	0	0	0
0.001344	0	0	0	0	0	0
0.00123	0	0	0	0	0	0
0.006181	0	0	0	0	0	0
0.00031	0	0	0	0	0	0
0.001997	0	0	0	0	0	0
0.001575	0	0	0	0	0	0
0.002726	0	0	0	0	0	0
0.004863	0	0	0	0	0	0
0.002836	0	0	0	0	0	0
0.002768	0	0	0	0	0	0
0.006319	0	0	0	0	0	0
0.001406	0.01	0	0	0	0	0

0.002081	0	0	0	0	0	0
0.005693	0	0	0	0	0	0
0.004382	0	0	0	0	0	0
0.001961	0	0	0	0	0	0
0.000196	0	0	0	0	0	0
0.04166	0	0	0	0	0	0
0.037648	0	0	0	0	0	0
0.007729	0	0	0	0	0	0
0.01258	0	0	0	0	0	0
0.00834	0	0	0	0	0	0
0.015021	0	0	0	0	0	0
0.0073	0	0	0	0	0	0
0.005637	0	0	0	0	0	0
0.265289	0.01	0	0	0	1	1
0.063738	0	1	0	0	0	1
0.005792	0	0	0	0	0	0
0.002546	0	0	0	0	0	0
0.00585	0	0	0	0	0	0
0.004703	0	0	0	0	0	0
0.00666	0	0	0	0	0	0
0.010564	0	0	0	0	0	0
0.008908	0	0	0	0	0	0
0.00751	0	0	4	0	0	4
0.005033	0	0	0	0	0	0
0.003587	0	0	0	0	0	0
0.0121	0	0	0	0	0	0
0.01204	0	0	0	0	0	0
0.017388	0	0	0	0	0	0
0.010171	0	0	2	2	0	4
0.005944	0	0	0	0	0	0
0.001009	0	0	0	0	0	0
0.008182	0	0	0	0	0	0
0.002393	0	0	0	0	0	0
0.004814	0	0	0	0	0	0
0.002128	0.01	0	0	0	0	0
0.010516	0	0	0	0	0	0
0.00468	0	0	0	0	3	3
0.001032	0	3	0	0	0	3
0.003046	0	0	0	0	0	0
0.000383	0	0	0	0	0	0
0.00869	0	0	0	0	0	0
0.871398	0	0	0	0	0	0
0.003755	0	0	0	0	0	0
0.000876	0	0	0	0	0	0
0.00195	0	0	0	0	0	0
0.003379	0.03	0	0	0	0	0
0.003627	0.01	0	0	0	0	0
0.004073	0	0	0	0	0	0
0.006624	0	0	0	0	0	0
0.00302	0	0	0	0	0	0

0.001917	0.01	0	0	0	0	0
0.01016	0.04	0	0	0	0	0
0.000813	0	0	0	0	0	0
0.002152	0	0	0	0	0	0
0.003376	0	0	0	0	0	0
0.0378	0	0	0	0	0	0
0.021556	0	0	0	0	0	0
0.000671	0	0	0	0	0	0
0.004223	0	0	0	0	0	0
0.004151	0	0	0	0	0	0
0.013897	0	0	0	0	0	0
0.012436	0	0	0	0	0	0
0.007116	0	0	0	0	0	0
0.04861	0	0	0	0	0	0
0.004868	0	0	0	0	0	0
0.02323	0	0	0	0	0	0
0.003348	0	0	0	0	0	0
0.002234	0	0	0	0	0	0
0.002142	0	0	0	0	0	0
0.012443	0	0	0	0	0	0
0.019735	0.02	0	0	0	0	0
0.001927	0	0	0	0	0	0
0.002123	0	0	0	0	0	0
0.004756	0	0	0	0	0	0
0.004383	0	0	0	0	0	0
0.006016	0	0	0	0	0	0
0.00219	0	0	0	0	0	0
0.005888	0	0	0	0	0	0
0.010606	0	0	0	0	0	0
0.007391	0	0	0	0	0	0
0.007808	0	0	0	0	0	0
0.018688	0	0	0	0	0	0
0.00924	0	0	0	0	0	0
0.0192	0	0	0	0	0	0
0.001383	0	0	0	0	2	2
0.001797	0	2	0	0	0	2
0.011578	0	0	0	0	0	0
0.002944	0	0	0	0	0	0
0.001027	0	0	0	0	0	0
0.004103	0	0	0	0	0	0
0.002652	0	0	0	0	0	0
0.001479	0	0	0	0	0	0
0.003386	0	0	0	0	0	0
0.002942	0	0	0	0	0	0
0.021426	0	0	0	0	0	0
0.001987	0	0	0	0	0	0
0.015064	0.03	0	0	0	0	0
0.017601	0	0	0	0	0	0
0.015295	0	0	0	0	0	0
0.00972	0	0	0	0	0	0

0.005573	0	0	0	0	0	0
0.005109	0	0	0	0	0	0
0.004096	0	0	0	0	0	0
0.005683	0	0	0	0	0	0
0.004213	0	0	0	0	0	0
0.009117	0	0	0	0	0	0
0.004828	0	0	0	0	0	0
0.001477	0	0	0	0	0	0
0.008176	0	0	0	0	0	0
0.004426	0	0	0	0	0	0
0.005455	0	0	0	0	0	0
0.002187	0	9	0	0	0	9
0.006257	0	0	0	0	0	0
0.012725	0	0	0	0	0	0
0.009303	0	0	0	0	0	0
0.014361	0	0	0	0	0	0
0.004994	0	0	0	0	0	0
0.002786	0	0	0	0	0	0
0.009065	0	0	0	0	0	0
0.004094	0	0	0	0	0	0
0.003031	0	0	0	0	0	0
0.004281	0	0	0	0	0	0
0.015446	0	0	0	0	0	0
0.009286	0	0	0	0	0	0
0.022344	0	0	0	0	0	0
0.006683	0	0	0	0	0	0
0.035094	0	0	0	0	0	0
0.089792	0.02	0	0	0	0	0
0.001627	0	0	0	0	0	0
0.001582	0	0	0	0	0	0
0.010996	0	0	0	0	0	0
0.012127	0.02	0	0	0	0	0
0.006456	0	0	0	0	0	0
0.005557	0	0	0	0	0	0
0.00421	0	0	0	0	0	0
0.009258	0	0	0	0	0	0
0.015352	0	0	0	0	0	0
0.010703	0	0	0	0	0	0
0.009101	0	0	0	0	0	0
0.009239	0	0	0	0	0	0
0.002135	0	0	0	0	0	0
0.043913	0	0	0	0	0	0
0.045612	0	0	0	0	0	0
0.049374	0	0	0	0	0	0
0.065301	0	0	0	0	0	0
0.02021	0	0	0	0	0	0
0.166211	0	0	0	0	0	0
0.531809	0	0	0	0	0	0
0.064376	0	0	0	0	0	0
0.02936	0	0	0	0	0	0

0.044396	0	0	0	0	0	0
0.286541	0	0	0	0	0	0
0.00836	0	0	0	0	0	0
0.036427	0.03	0	0	0	0	0
0.05781	0	0	0	0	0	0
0.105766	0	0	0	0	0	0
0.039697	0	0	0	0	0	0
0.032858	0	0	0	0	0	0
0.022238	0	0	0	0	0	0
0.069407	0	0	0	0	0	0
0.037546	0	0	0	0	0	0
0.065031	0	0	0	0	0	0
0.052537	0	0	0	0	0	0
0.096393	0	0	0	0	0	0
0.067674	0	0	0	0	0	0
0.057677	0	0	0	0	0	0
0.024089	0	0	0	0	0	0
0.088291	0	0	0	0	0	0
0.034589	0	0	0	0	0	0
0.051205	0	0	0	0	0	0
0.047962	0	0	0	0	0	0
0.046338	0	0	0	0	0	0
0.054219	0	0	0	0	0	0
0.072447	0	0	0	0	0	0
0.051422	0	0	0	0	0	0
0.112287	0	0	0	0	0	0
0.039669	0	0	0	0	0	0
0.046101	0	0	0	0	0	0
0.040423	0	0	0	0	0	0
0.035975	0	0	0	0	0	0
0.029055	0	0	0	0	0	0
0.035397	0	0	0	0	0	0
0.034058	0	0	0	0	0	0
0.026395	0	0	0	0	0	0
0.027263	0	0	0	0	0	0
0.020883	0	0	0	0	0	0
0.057559	0	0	0	0	0	0
0.036215	0	0	0	0	0	0
0.015509	0	0	0	0	0	0
0.0105	0	0	0	0	0	0
0.012383	0	0	0	0	0	0
0.052112	0	0	0	0	0	0
0.03727	0	0	0	0	0	0
0.199986	0	0	0	4	0	4
0.220343	0	0	0	0	0	0
0.043453	0	0	0	0	0	0
0.032654	0	0	0	0	0	0
0.100327	0	0	0	0	0	0
0.173653	0	0	0	0	0	0
0.119541	0	0	0	0	0	0



0.027135	0	0	0	0	0	0
0.051586	0	0	0	0	0	0
0.025879	0	0	0	0	0	0
0.024482	0	0	0	0	0	0
0.03512	0	0	0	0	0	0
0.009744	0	0	0	0	0	0
0.018477	0	0	0	0	0	0
0.001384	0	0	0	0	0	0
0.029658	0	0	0	0	0	0
0.009312	0	0	0	0	0	0
0.027157	0	0	0	0	0	0
0.002668	0	0	0	0	6	6
0.002449	0	6	0	0	7	13
0.002329	0	7	0	0	5	12
0.001154	0	5	0	0	0	5
0.001215	0	0	0	0	0	0
0.001452	0	0	0	0	0	0
0.001031	0	0	0	0	0	0
0.016287	0	0	0	0	0	0
0.801486	0.01	0	0	0	0	0
0.055662	0	0	0	0	0	0
0.040019	0	0	0	0	0	0
0.030186	0	0	0	0	0	0
0.04693	0	0	0	0	0	0
0.040215	0	0	0	0	0	0
0.027109	0	0	0	0	0	0
0.080298	0	0	0	0	0	0
0.006913	0	0	0	0	0	0
0.031524	0	0	0	0	0	0
0.008102	0	0	0	0	0	0
0.017405	0	0	0	0	0	0
0.009735	0	0	0	0	0	0
0.00855	0	0	0	0	0	0
0.014173	0	0	0	0	0	0
0.006784	0	0	0	0	0	0
0.013846	0	0	0	0	0	0
0.004633	0	0	0	0	0	0
0.976064	0	0	0	0	0	0
0.988698	0	0	0	0	0	0
0.001393	0	0	0	0	0	0
0.002633	0	0	0	0	0	0
0.001751	0	0	0	0	0	0
0.001378	0	0	0	0	0	0
0.000983	0	0	0	0	0	0
0.001011	0	0	0	0	0	0
0.050311	0	0	0	4	0	4
0.000834	0	0	0	0	0	0
0.000965	0	0	0	0	0	0
0.001306	0	0	0	0	0	0
0.000999	0	0	0	0	0	0

0.000777	0	0	0	0	0	0
0.015702	0	0	0	0	0	0
0.014704	0	0	0	0	0	0
0.003037	0	0	0	0	0	0
0.004321	0	0	0	0	0	0
0.003387	0	0	0	0	0	0
0.005109	0	0	0	0	0	0
0.004127	0	0	0	0	0	0
0.016916	0	0	0	0	0	0
0.013629	0	0	0	0	0	0
0.009759	0	0	0	0	0	0
0.009056	0	0	0	0	0	0
0.006292	0	0	0	0	1	1
0.018778	0	1	2	0	0	3
0.005473	0	0	0	0	0	0
0.011898	0	0	0	0	0	0
0.005678	0	0	0	0	0	0
0.010131	0	0	0	5	1	6
0.033073	0	0	0	0	0	0
0.012154	0	0	0	0	0	0
0.005624	0	0	0	0	0	0
0.034939	0	0	0	0	0	0
0.011532	0	0	0	0	0	0
0.010178	0	0	0	0	0	0
0.016096	0	0	0	0	0	0
0.009738	0	0	0	0	0	0
0.024873	0	0	0	0	0	0
0.009264	0	0	0	0	0	0
0.004895	0	0	0	0	0	0
0.012983	0	0	0	0	0	0
0.009927	0	0	0	0	0	0
0.020052	0	0	0	0	0	0
0.017849	0	0	0	0	0	0
0.014602	0	0	0	0	0	0
0.03779	0	0	0	0	0	0
0.057496	0	0	0	0	0	0
0.010537	0	0	0	0	0	0
0.013837	0	0	0	0	0	0
0.00779	0	0	0	0	0	0
0.011725	0	0	0	0	0	0
0.008357	0	0	0	0	0	0
0.012937	0	0	0	0	0	0
0.089488	0	0	0	0	0	0
0.136874	0	0	0	0	0	0
0.03585	0	0	0	0	0	0
0.005338	0	0	0	0	0	0
0.015504	0	0	0	0	0	0
0.034465	0	0	0	0	0	0
0.041221	0	0	0	0	0	0
0.011575	0	0	0	0	0	0

0.027448	0	0	0	0	0	0
0.044397	0	0	0	0	0	0
0.092844	0	0	0	0	0	0
0.020675	0	0	0	0	0	0
0.059099	0	0	0	0	0	0
0.013731	0	0	0	0	0	0
0.015673	0	0	0	0	0	0
0.017012	0	0	0	0	0	0
0.010251	0	0	0	0	0	0
0.09719	0	0	0	0	0	0
0.023831	0	0	0	0	0	0
0.028297	0	0	0	0	0	0
0.052823	0	0	0	0	0	0
0.015587	0	0	6	0	0	6
0.031174	0	0	0	0	0	0
0.010232	0	0	0	0	0	0
0.019369	0	0	0	0	0	0
0.116258	0	0	0	0	0	0
0.031452	0	0	0	0	0	0
0.006955	0	0	0	0	0	0
0.011281	0	0	0	0	0	0
0.058792	0	0	0	0	0	0
0.021011	0	0	0	0	0	0
0.016865	0	0	0	0	0	0
0.01156	0	0	0	0	0	0
0.027156	0	0	0	0	0	0
0.034079	0	0	0	0	0	0
0.024434	0	0	0	0	0	0
0.021334	0	0	0	0	0	0
0.020295	0	0	0	0	0	0
0.017127	0	0	0	0	0	0
0.014037	0	0	0	0	0	0
0.015341	0	0	0	0	0	0
0.013688	0	0	0	0	0	0
0.022373	0	0	0	0	0	0
0.013132	0	0	0	0	0	0
0.013394	0	0	0	0	0	0
0.01521	0	0	0	0	0	0
0.017086	0	0	0	0	0	0
0.014415	0	0	0	0	0	0
0.116707	0	0	0	0	0	0
0.048341	0	0	0	0	0	0
0.045297	0	0	0	0	0	0
0.037574	0	0	0	0	0	0
0.091719	0	0	0	0	0	0
0.125251	0	0	0	0	0	0
0.027229	0	0	0	0	0	0
0.045026	0	0	0	0	0	0
0.024019	0	0	0	0	0	0
0.004898	0	0	0	0	0	0

0.007017	0	5	0	0	0	5
0.001263	0	0	0	0	0	0
0.001345	0	0	0	0	0	0
0.015023	0	0	0	0	0	0
0.035043	0	0	0	0	0	0
0.007195	0	0	0	0	0	0
0.004016	0	0	0	0	0	0
0.439839	0.02	0	0	0	0	0
0.141031	0	0	0	0	0	0
0.003786	0	0	0	0	0	0
0.00492	0	0	0	0	0	0
0.003375	0	0	0	0	0	0
0.00893	0	0	0	0	0	0
0.002389	0	0	0	0	0	0
0.001354	0	0	0	0	0	0
0.002529	0	0	0	0	0	0
0.016051	0	0	0	1	5	6
0.06264	0	0	0	0	0	0
0.037782	0	0	0	0	0	0
0.020246	0	0	0	0	0	0
0.144951	0	0	0	0	0	0
0.029162	0	0	0	0	0	0
0.049963	0	0	0	0	0	0
0.028389	0	0	0	0	0	0
0.027922	0	0	0	0	0	0
0.013043	0	0	0	0	0	0
0.031637	0	0	0	0	0	0
0.027253	0	0	0	0	0	0
0.025797	0	0	0	0	0	0
0.03677	0	0	0	0	0	0
0.040157	0	0	0	0	0	0
0.036243	0	0	0	0	0	0
0.003955	0	0	0	0	0	0
0.002359	0	0	0	0	0	0
0.004053	0	0	0	0	0	0
0.002377	0	0	0	0	0	0
0.032237	0	0	0	0	0	0
0.013941	0	0	0	0	0	0
0.00879	0	0	0	0	0	0
0.005483	0	0	0	0	0	0
0.001034	0	0	0	0	0	0
0.001806	0	0	0	0	0	0
0.001399	0	0	0	0	0	0
0.442663	0.1	0	0	0	0	0
0.22996	0.13	0	0	0	0	0
0.026475	0.01	0	0	0	1	1
0.004922	0	1	0	0	0	1
0.014857	0	0	0	0	0	0
0.084008	0	0	0	0	0	0
0.044774	0	0	0	0	0	0

0.031909	0	0	0	0	0	0
0.073669	0	0	0	0	0	0
0.078792	0	0	0	0	0	0
0.046682	0	0	0	0	0	0
0.001899	0	0	0	0	0	0
0.012931	0	0	0	0	0	0
0.00298	0	0	0	0	0	0
0.005109	0	0	0	0	0	0
0.003388	0	0	0	0	0	0
0.002027	0	0	0	0	0	0
0.001256	0	0	0	0	0	0
0.001041	0	0	0	0	0	0
0.005058	0	0	0	0	0	0
0.03096	0	0	0	0	0	0
0.002936	0	0	0	0	0	0
0.002507	0	0	0	0	0	0
0.001305	0	0	0	0	0	0
0.004627	0	0	0	0	0	0
0.001062	0	0	0	0	0	0
0.002334	0	0	0	0	0	0
0.053754	0.18	0	4	4	0	8
0.043202	0	0	0	0	0	0
0.229605	0	0	0	0	0	0
0.05009	0	0	0	0	0	0
0.003997	0	0	0	0	0	0
0.007532	0	0	0	0	0	0
0.009191	0	0	0	0	0	0
0.002771	0	0	0	0	0	0
0.007601	0	0	0	0	0	0
0.036942	0	0	0	0	0	0
0.016886	0	0	0	0	0	0
0.007406	0	0	0	0	0	0
0.048858	0	0	0	0	0	0
0.0231	0	0	0	0	0	0
0.002856	0	0	0	0	0	0
0.039123	0	0	0	0	0	0
0.009433	0	0	0	0	0	0
0.042988	0	0	0	0	0	0
0.056145	0	0	0	0	0	0
0.00801	0	0	0	0	0	0
0.04835	0	0	0	0	0	0
0.009657	0	0	0	0	0	0
0.044767	0	0	0	0	0	0
0.055461	0	0	0	0	0	0
0.122133	0	0	2	0	0	2
0.277669	0.1	0	0	0	0	0
0.041856	0	0	0	0	0	0
0.017817	0	0	0	0	0	0
0.23371	0	0	0	0	0	0
0.013513	0	0	0	0	0	0

0.013174	0	0	0	0	0	0
0.019777	0	0	0	0	0	0
0.020799	0	0	0	0	0	0
0.035425	0	0	0	0	0	0
0.022695	0	0	0	0	0	0
0.01428	0	0	0	0	0	0
0.060443	0	0	0	0	0	0
0.025432	0	0	0	0	0	0
0.02823	0	0	0	0	0	0
0.029826	0	0	0	0	0	0
0.08958	0	0	0	0	0	0
0.039086	0	0	0	0	0	0
0.037735	0	0	0	0	0	0
0.05177	0	0	0	0	0	0
0.048054	0	0	0	0	0	0
0.04646	0	0	0	0	0	0
0.069507	0	0	0	0	0	0
0.103025	0	0	0	0	0	0
0.10549	0	0	0	0	0	0
0.025822	0	0	0	0	0	0
0.087747	0	0	0	0	0	0
0.196521	0	0	0	0	0	0
0.201865	0	0	0	0	0	0
0.033327	0	0	0	0	0	0
0.024321	0	0	0	0	0	0
0.03112	0	0	0	0	0	0
0.013488	0	0	0	0	0	0
0.002378	0	0	0	0	0	0
0.00437	0	0	0	0	0	0
0.009626	0	0	0	0	0	0
0.005414	0	0	0	0	0	0
0.006018	0	0	0	0	0	0
0.058008	0	0	0	0	0	0
0.013335	0	0	0	0	0	0
0.008281	0	0	0	0	0	0
0.004664	0	0	0	0	0	0
0.004139	0	0	0	0	0	0
0.004108	0	0	0	0	0	0
0.003642	0	0	0	0	0	0
0.005403	0	0	0	0	0	0
0.015662	0	0	0	0	0	0
0.018213	0.03	0	0	0	0	0
0.019339	0	1	0	0	0	1
0.013754	0	0	0	0	0	0
0.012748	0	0	0	0	0	0
0.035389	0	0	0	0	0	0
0.04607	0	0	0	0	0	0
0.013976	0	0	0	0	0	0
0.010358	0	0	0	0	0	0
0.009468	0	0	0	0	0	0

0.011002	0	0	0	0	0	0
0.008707	0	0	0	0	0	0
0.010784	0	0	0	0	0	0
0.038064	0	0	0	0	0	0
0.00824	0	0	0	0	0	0
0.017895	0	0	0	0	0	0
0.013816	0	0	0	0	0	0
0.011205	0	0	0	0	0	0
0.004991	0	0	0	0	0	0
0.004338	0	0	0	0	0	0
0.019528	0	0	0	0	0	0
0.006418	0	0	0	0	0	0
0.042926	0	0	0	0	0	0
0.030903	0	0	0	0	0	0
0.024022	0	0	0	0	0	0
0.019107	0	0	0	0	0	0
0.01182	0	0	0	0	0	0
0.015641	0	0	0	0	0	0
0.015806	0	0	0	0	0	0
0.02682	0	0	0	0	0	0
0.017701	0	0	0	0	0	0
0.024774	0	0	0	0	0	0
0.012443	0	0	0	0	0	0
0.009052	0	0	0	0	0	0
0.058347	0	0	0	0	0	0
0.065859	0	0	0	0	0	0
0.072438	0	0	0	0	0	0
0.05491	0	0	0	0	0	0
0.60744	0	0	0	0	0	0
0.049491	0	0	0	0	0	0
0.072641	0	0	0	0	0	0
0.129184	0	0	0	0	0	0
0.123852	0	0	2	2	0	4
0.061457	0	0	0	0	0	0
0.046678	0	0	0	0	0	0
0.067511	0	0	0	0	0	0
0.965479	0	0	0	0	0	0
0.016205	0	0	0	0	0	0
0.022627	0	0	0	0	0	0
0.006164	0	0	0	0	0	0
0.004695	0	0	0	0	0	0
0.109864	0	0	0	0	0	0
0.056575	0	0	0	0	0	0
0.020415	0	0	0	0	0	0
0.02953	0	0	0	0	0	0
0.02161	0	0	0	0	0	0
0.030553	0	0	0	0	0	0
0.058209	0	0	0	0	0	0
0.067649	0	0	0	0	0	0
0.010993	0	0	0	0	0	0

0.013138	0	0	0	0	0	0
0.018791	0	0	0	0	0	0
0.009012	0	0	0	0	0	0
0.010048	0	0	0	0	0	0
0.010615	0	0	0	0	0	0
0.083409	0	0	0	0	0	0
0.010737	0	0	0	0	0	0
0.025464	0	0	0	0	0	0
0.067865	0	0	0	0	0	0
0.047228	0	0	0	0	0	0
0.027473	0	0	0	0	0	0
0.030325	0	0	0	0	0	0
0.023199	0	0	0	0	0	0
0.063184	0	0	0	0	0	0
0.052525	0	0	0	0	0	0
0.063449	0	0	0	0	0	0
0.056262	0	0	0	0	0	0
0.034997	0	0	0	0	0	0
0.041846	0	0	0	0	0	0
0.038625	0	0	0	0	0	0
0.026877	0	0	0	0	0	0
0.023919	0	0	0	0	0	0
0.057704	0	0	0	0	0	0
0.02539	0	0	0	0	0	0
0.020519	0	0	0	0	0	0
0.029793	0	0	0	0	0	0
0.033621	0	0	0	0	0	0
0.050943	0	0	0	0	0	0
0.018485	0	0	0	0	0	0
0.033138	0	0	0	0	0	0
0.015296	0	0	0	0	0	0
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0.018576	0	0	0	0	0	0
0.012187	0	0	0	0	0	0
0.079843	0	0	0	0	0	0
0.030292	0	0	0	0	0	0
0.029685	0	0	0	0	0	0
0.034006	0	0	0	0	0	0
0.034022	0	0	0	0	0	0
0.050124	0	0	0	0	0	0
0.050017	0	0	0	0	0	0
0.044398	0	0	0	0	0	0
0.083848	0	0	0	0	0	0
0.05058	0	0	0	0	0	0
0.041137	0	0	0	0	0	0
0.026487	0	0	0	0	0	0
0.026869	0	0	0	0	0	0
0.025016	0	0	0	0	0	0
0.028606	0	0	0	0	0	0



0.467759	0	0	0	0	0	0
0.766779	0.02	0	0	0	0	0
0.810189	0	0	0	0	0	0
0.639596	0	0	0	0	0	0
0.144606	0	0	0	0	0	0
0.102074	0.01	0	0	0	0	0
0.426699	0	0	0	0	0	0
0.053468	0	0	0	0	0	0
0.060723	0	0	0	0	0	0
0.067326	0	0	0	0	0	0
0.101465	0	0	0	0	0	0
0.082129	0	0	0	0	0	0
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0.054013	0	0	0	0	0	0
0.041712	0	0	0	0	0	0
0.0555	0	0	0	0	0	0
0.098464	0	0	0	0	0	0
0.007984	0	0	0	0	0	0
0.007002	0	0	0	0	0	0
0.008812	0	0	0	0	0	0
0.006824	0	0	0	0	0	0
0.005635	0	0	0	0	0	0
0.007719	0	0	0	0	0	0
0.016169	0	0	0	0	0	0
0.028908	0	0	0	0	0	0
0.053605	0	0	0	0	0	0
0.04066	0	0	0	0	0	0
0.010473	0	0	0	0	0	0
0.003665	0	0	0	0	0	0
0.010798	0	0	0	0	0	0
0.006358	0	0	0	0	0	0
0.014944	0	0	0	0	0	0
0.009661	0	0	0	0	0	0
0.006591	0	0	0	0	0	0
0.008074	0	0	0	0	0	0
0.073836	0	0	0	0	0	0
0.012569	0	0	0	0	0	0
0.035002	0	0	0	0	0	0
0.018218	0	0	0	0	0	0
0.012964	0	0	0	0	0	0
0.008864	0	0	0	0	0	0
0.007123	0	0	0	0	0	0
0.047014	0	0	0	0	0	0
0.041409	0	0	0	0	0	0
0.011993	0	0	0	0	0	0
0.011752	0	0	0	0	0	0
0.005869	0	0	0	0	0	0
0.004849	0	0	0	0	0	0
0.06046	0	0	0	0	0	0

0.00463	0	0	0	0	0	0
0.048855	0.01	0	0	0	0	0
0.067764	0	0	0	0	0	0
0.010901	0	0	0	0	0	0
0.009231	0	0	0	0	0	0
0.001737	0	0	0	0	0	0
0.001074	0	0	0	0	0	0
0.029931	0	0	0	0	0	0
0.05095	0	0	0	0	0	0
0.02074	0	0	0	0	0	0
0.038522	0	0	0	0	0	0
0.017371	0	0	0	0	0	0
0.079822	0	0	0	0	0	0
0.01439	0	0	0	0	0	0
0.011276	0	0	0	0	0	0
0.016	0	0	0	0	0	0
0.009175	0	0	0	0	0	0
0.066467	0	0	4	0	0	4
0.045999	0	0	0	0	0	0
0.047093	0	0	0	0	0	0
0.070367	0	0	0	0	0	0
0.042196	0	0	0	0	0	0
0.050134	0	0	0	0	0	0
0.032825	0	0	0	0	0	0
0.029178	0	0	0	0	0	0
0.016843	0	0	0	0	0	0
0.101206	0	0	0	0	0	0
0.007556	0	0	0	0	0	0
0.013962	0	0	0	0	0	0
0.010823	0	0	0	0	0	0
0.012428	0	0	0	0	0	0
0.011283	0	0	0	0	0	0
0.054917	0	0	0	0	0	0
0.015355	0	0	0	0	0	0
0.038664	0	0	0	0	0	0
0.029205	0	0	0	0	0	0
0.015449	0	0	0	0	0	0
0.015313	0	0	0	0	0	0
0.012098	0	0	0	0	0	0
0.012973	0	0	0	0	0	0
0.006764	0	0	0	0	0	0
0.008222	0	0	0	0	0	0
0.023047	0	0	0	0	0	0
0.025676	0	0	0	0	0	0
0.018464	0	0	0	0	0	0
0.089512	0	0	0	0	0	0
0.061141	0	0	0	0	0	0
0.009745	0	0	0	0	0	0
0.029736	0	0	0	0	0	0
0.037499	0	0	0	0	0	0

0.026553	0	0	0	0	0	0
0.014393	0	0	0	0	0	0
0.016452	0	0	0	0	0	0
0.047018	0	0	0	0	0	0
0.074712	0	0	0	0	0	0
0.037734	0	0	0	0	0	0
0.011398	0	0	0	0	0	0
0.025355	0	0	0	0	0	0
0.053555	0	0	0	0	0	0
0.055535	0	0	0	0	0	0
0.037859	0	0	0	0	0	0
0.051231	0	0	0	0	0	0
0.031909	0	0	0	0	0	0
0.04953	0	0	0	0	0	0
0.079987	0	0	0	0	0	0
0.064215	0	0	0	0	4	4
0.016675	0	0	0	0	0	0
0.046985	0	0	0	0	0	0
0.042885	0	0	0	0	0	0
0.036548	0	0	0	0	0	0
0.034595	0	0	0	0	0	0
0.049904	0	0	0	0	0	0
0.051015	0	0	0	0	0	0
0.04223	0	0	0	0	0	0
0.028687	0	0	0	0	0	0
0.031575	0	0	0	0	0	0
0.029663	0	0	0	0	0	0
0.014951	0	0	0	0	0	0
0.045921	0	0	0	0	0	0
0.051812	0	0	0	0	0	0
0.045762	0	0	0	0	0	0
0.029667	0	0	0	0	0	0
0.031277	0	0	0	0	0	0
0.060139	0	0	0	0	0	0
0.030918	0	0	0	0	0	0
0.047073	0	0	0	0	0	0
0.016883	0	0	0	0	0	0
0.048039	0	0	0	0	0	0
0.009663	0	0	0	0	0	0
0.04013	0	0	0	0	0	0
0.023011	0	0	0	0	0	0
0.019934	0	0	0	0	0	0
0.011796	0	0	0	0	0	0
0.014532	0	0	0	0	0	0
0.009777	0	0	0	0	0	0
0.011998	0	0	0	0	0	0
0.015177	0	0	0	0	0	0
0.03208	0	0	0	0	0	0
0.029903	0	0	0	0	0	0
0.761012	0.51	0	0	0	0	0

0.014217	0	0	0	0	0	0
0.052344	0	0	0	0	0	0
0.009394	0	0	0	0	0	0
0.009412	0	0	0	0	0	0
0.017154	0	0	0	0	0	0
0.020423	0	0	0	0	0	0
0.054452	0	0	0	0	0	0
0.012633	0	0	0	0	0	0
0.049041	0	0	0	0	2	2
0.048471	0	2	0	0	0	2
0.041898	0	0	0	0	0	0
0.02987	0	0	0	0	0	0
0.01076	0	0	0	0	0	0
0.011685	0	0	0	0	0	0
0.008034	0	0	0	0	0	0
0.044712	0	0	0	0	0	0
0.023055	0	0	0	0	0	0
0.131512	0	0	0	0	0	0
0.007573	0	0	0	0	0	0
0.023118	0	0	0	0	0	0
0.001291	0	0	0	0	0	0
0.001143	0	0	0	0	0	0
0.001199	0	0	0	0	0	0
0.045179	0	0	0	0	0	0
0.061935	0	0	0	0	0	0
0.045565	0	0	0	0	0	0
0.053305	0	0	0	0	0	0
0.035412	0	0	0	0	0	0
0.049188	0	0	0	0	0	0
0.036302	0	0	0	0	0	0
0.024934	0	0	0	0	0	0
0.027801	0	0	0	0	0	0
0.025159	0	0	0	0	0	0
0.039372	0	0	0	0	0	0
0.087883	0	0	0	0	0	0
0.029491	0	0	0	0	0	0
0.027871	0	0	0	0	0	0
0.04198	0	0	0	0	0	0
0.04985	0	0	0	0	0	0
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0.017885	0	0	0	0	0	0
0.007911	0	0	0	0	0	0
0.01491	0	0	0	0	0	0
0.020917	0	0	0	0	0	0
0.019788	0	0	0	0	0	0
0.102598	0	0	0	0	0	0
0.029012	0	0	0	0	0	0
0.012031	0	0	0	0	0	0
0.016061	0	0	0	0	0	0
0.099748	0	0	0	0	0	0

0.064078	0	0	0	0	0	0
0.055857	0	0	0	0	0	0
0.058385	0	0	0	0	0	0
0.050413	0	0	0	0	0	0
0.053588	0	0	0	0	0	0
0.036243	0	0	0	0	0	0
0.017264	0	0	0	0	0	0
0.027689	0	0	0	0	0	0
0.041105	0	0	0	0	0	0
0.024134	0	0	0	0	0	0
0.031732	0	0	0	0	0	0
0.020677	0	0	0	0	0	0
0.019397	0	0	0	0	0	0
0.013992	0	0	0	0	0	0
0.01309	0	0	0	0	0	0
0.050427	0	0	0	0	0	0
0.037815	0	0	0	0	0	0
0.060147	0	0	0	0	0	0
0.063363	0	0	0	0	0	0
0.091024	0	0	0	0	0	0
0.020367	0	0	0	0	0	0
0.068784	0	0	0	0	0	0
0.028063	0	0	0	0	0	0
0.055379	0	0	0	0	0	0
0.02391	0	0	0	0	0	0
0.019287	0	0	0	0	0	0
0.013371	0	0	0	0	0	0
0.027477	0	0	0	0	0	0
0.039118	0	0	0	0	0	0
0.022788	0	0	0	0	0	0
0.026121	0	0	0	0	0	0
0.01982	0	0	0	0	0	0
0.026352	0	0	0	0	0	0
0.066627	0	0	0	0	0	0
0.070141	0	0	0	0	0	0
0.364482	0.1	0	0	0	0	0
0.656633	0	0	0	0	0	0
0.044615	0	0	0	0	0	0
0.037587	0	0	0	0	0	0
0.069091	0	0	0	0	0	0
0.024517	0	0	0	0	0	0
0.086748	0	0	0	0	0	0
0.0543	0	0	0	0	0	0
0.046752	0	0	0	0	0	0
0.041145	0	0	0	0	0	0
0.169942	0.02	0	0	0	0	0
0.027662	0	0	0	0	0	0
0.036774	0	0	0	0	0	0
0.025386	0	0	0	0	0	0
0.050285	0	0	0	0	0	0

0.078932	0	0	0	0	0	0
0.042655	0	0	0	0	0	0
0.038354	0	0	0	0	0	0
0.046035	0	0	0	0	0	0
0.055896	0	0	0	0	0	0
0.573085	0	0	0	0	0	0
0.213633	0	0	0	0	0	0
0.043078	0	0	0	0	0	0
0.027762	0	0	0	0	0	0
0.028831	0	0	0	0	0	0
0.022971	0	0	0	0	0	0
0.036736	0	0	0	0	0	0
0.027839	0	0	0	0	0	0
0.012924	0	0	0	0	0	0
0.011425	0	0	0	0	0	0
0.088688	0	0	0	0	0	0
0.050727	0	0	0	0	0	0
0.033724	0	0	0	0	0	0
0.03633	0	0	0	0	0	0
0.031095	0	0	0	0	0	0
0.038803	0	0	0	0	0	0
0.027838	0	0	0	0	0	0
0.023337	0	0	0	0	0	0
0.004795	0	0	0	0	0	0
0.004382	0	0	0	0	0	0
0.007849	0	0	0	0	0	0
0.003652	0	0	0	0	0	0
0.143488	0.01	0	0	0	0	0
0.046654	0	0	0	0	0	0
0.042245	0	0	0	0	0	0
0.005937	0	0	0	0	0	0
0.008001	0	0	0	0	0	0
0.017934	0	0	0	0	0	0
0.008238	0	0	0	0	0	0
0.011438	0	0	0	0	0	0
0.006918	0	0	0	0	0	0
0.012148	0	0	0	0	0	0
0.010205	0	0	0	0	0	0
0.005823	0	0	0	0	0	0
0.007656	0	0	0	0	0	0
0.077827	0	0	0	0	0	0
0.005886	0	0	0	0	0	0
0.096049	0	0	0	0	0	0
0.044948	0	0	0	0	0	0
0.048898	0	0	0	0	4	4
0.003992	0	0	0	0	0	0
0.002594	0	0	0	0	0	0
0.002784	0	0	0	0	0	0
0.002096	0	0	0	0	0	0
0.001509	0	0	0	0	0	0

0.018696	0	0	0	0	0	0
0.00985	0	0	0	0	0	0
0.003652	0	0	0	0	0	0
0.001877	0	0	0	0	0	0
0.068386	0	0	0	0	0	0
0.049619	0	0	0	0	0	0
0.032512	0	0	0	0	0	0
0.171601	0	0	0	0	0	0
0.270848	0	0	0	0	0	0
0.130212	0	0	0	0	8	8
0.026654	0	0	0	0	0	0
0.222342	0	0	0	0	0	0
0.061913	0	0	0	0	0	0
0.030677	0	0	0	0	0	0
0.016674	0	0	0	0	0	0
0.02332	0	0	0	0	0	0
0.022121	0	0	0	0	0	0
0.071454	0	0	0	0	0	0
0.009056	0	0	0	0	0	0
0.004588	0	0	0	0	0	0
0.004607	0	0	0	0	0	0
0.055418	0	0	0	0	0	0
0.061695	0	0	0	0	0	0
0.047308	0	0	0	0	0	0
0.006598	0	0	0	0	0	0
0.0217	0	0	0	0	0	0
0.031664	0	0	0	0	0	0
0.44985	0	0	0	0	0	0
0.041866	0	0	0	0	0	0
0.023226	0	0	0	0	0	0
0.022125	0	0	0	0	0	0
0.128501	0	0	0	0	0	0
0.206935	0	0	0	0	0	0
0.022771	0	0	0	0	0	0
0.021845	0	0	0	0	0	0
0.002801	0	0	0	0	0	0
0.015987	0	0	0	0	0	0
0.010117	0.01	0	0	0	0	0
0.011774	0	0	0	0	0	0
0.085711	0	0	0	0	0	0
0.032752	0	0	0	0	0	0
0.01238	0	0	0	0	0	0
0.025018	0	0	0	0	0	0
0.02153	0	0	0	0	0	0
0.015548	0	0	0	0	0	0
0.020705	0	0	0	0	0	0
0.008392	0	0	0	0	0	0
0.008947	0	0	0	0	0	0
0.006981	0	0	0	0	0	0
0.031251	0	0	0	0	0	0

0.014467	0	0	0	0	0	0
0.012928	0	0	0	0	0	0
0.002224	0	0	0	0	0	0
0.00138	0	0	0	0	0	0
0.011304	0.01	0	0	0	0	0
0.002551	0	0	0	0	0	0
0.002709	0	0	0	0	0	0
0.001802	0	0	0	0	0	0
0.00152	0	0	0	0	0	0
0.003601	0	0	0	0	0	0
0.001411	0	0	0	0	0	0
0.00372	0	0	0	0	0	0
0.002147	0	0	0	0	0	0
0.012804	0	0	0	0	0	0
0.009324	0	0	0	0	0	0
0.008038	0	0	0	0	0	0
0.011924	0	0	0	0	0	0
0.063772	0	0	0	0	0	0
0.557843	0	0	0	0	0	0
0.283113	0	0	0	0	0	0
0.339653	0	0	0	0	0	0
0.303097	0	0	0	0	0	0
0.266491	0	0	0	0	0	0
0.17285	0	0	0	0	0	0
0.036878	0	0	0	0	0	0
0.202705	0	0	0	0	0	0
0.066135	0	0	0	0	0	0
0.050089	0	0	0	0	0	0
0.011745	0	0	0	0	0	0
0.020927	0	0	0	0	0	0
0.086715	0	0	0	0	0	0
0.022587	0	0	0	0	0	0
0.021016	0	0	0	0	0	0
0.017593	0	0	0	0	0	0
0.019811	0	0	0	0	0	0
0.013044	0	0	0	0	0	0
0.0269	0	0	0	0	0	0
0.017488	0	0	0	0	0	0
0.006878	0.01	0	0	0	0	0
0.000952	0	0	0	0	0	0
0.00333	0	0	0	0	0	0
0.004996	0	0	0	0	0	0
0.01287	0.01	0	0	0	0	0
0.002408	0	0	0	0	0	0
0.001922	0	0	0	0	0	0
0.003493	0	0	0	0	0	0
0.007943	0	0	0	0	0	0
0.007778	0	0	0	0	0	0
0.003838	0	0	0	0	0	0
0.023095	0	0	0	0	0	0



0.001708	0	0	0	0	0	0
0.034278	0	0	0	0	0	0
0.048736	0	0	0	0	0	0
0.095592	0	0	0	0	0	0
0.046046	0	0	0	0	0	0
0.01941	0	0	0	0	0	0
0.01232	0	0	0	0	0	0
0.028746	0	0	0	0	0	0
0.007567	0	0	0	0	0	0
0.054584	0	0	0	0	0	0
0.019497	0	0	0	0	0	0
0.056797	0	0	0	0	0	0
0.031982	0	0	0	0	0	0
0.001939	0	0	0	0	0	0
0.015114	0	0	0	0	0	0
0.006211	0	0	0	0	0	0
0.030607	0	0	0	0	0	0
0.022169	0	0	0	0	0	0
0.016392	0	0	0	0	0	0
0.18367	0	0	0	0	0	0
0.110386	0	0	0	0	6	6
0.220722	0	6	0	0	0	6
0.160861	0	0	0	0	0	0
0.046369	0	0	0	0	0	0
0.150236	0	0	0	0	0	0
0.076353	0	0	0	0	0	0
0.170801	0	0	0	0	0	0
0.010816	0	0	0	0	0	0
0.013683	0	0	0	0	0	0
0.008887	0	0	0	0	0	0
0.007986	0	0	0	0	0	0
0.027813	0	0	0	0	0	0
0.008209	0	0	0	0	0	0
0.010144	0	0	0	0	0	0
0.02226	0	0	0	0	0	0
0.010725	0	0	0	0	0	0
0.012563	0	0	0	0	0	0
0.003194	0	0	0	0	0	0
0.004391	0	0	0	0	0	0
0.007545	0	0	0	0	0	0
0.005222	0	0	0	0	0	0
0.00125	0	0	0	0	0	0
0.009952	0	0	1	4	0	5
0.007033	0	0	0	0	0	0
0.014272	0	0	0	0	0	0
0.01307	0	0	0	0	0	0
0.008246	0	0	0	0	0	0
0.00714	0	0	0	0	0	0
0.010658	0	0	0	0	0	0
0.005843	0	0	0	0	0	0

0.00392	0	0	0	0	0	0
0.020777	0	0	0	0	0	0
0.04138	0	0	0	0	0	0
0.027289	0	0	0	0	0	0
0.013005	0	0	0	0	0	0
0.012721	0	0	0	0	0	0
0.014531	0	0	0	0	0	0
0.013864	0	0	0	0	0	0
0.01457	0	0	0	0	0	0
0.011948	0	0	0	0	0	0
0.010314	0	0	0	0	0	0
0.010672	0	0	0	0	0	0
0.026696	0	0	0	0	0	0
0.028735	0	0	0	0	0	0
0.009275	0	0	0	0	0	0
0.010169	0	0	0	0	0	0
0.008023	0	0	0	0	0	0
0.005442	0	0	0	0	0	0
0.005681	0	0	0	0	0	0
0.004968	0	0	0	0	0	0
0.015563	0	0	0	0	0	0
0.023738	0	0	0	0	0	0
0.01547	0	0	0	0	0	0
0.012921	0	0	0	0	0	0
0.016185	0	0	0	0	0	0
0.011682	0	0	0	0	0	0
0.013776	0	0	0	0	0	0
0.030167	0	0	0	35	0	35
0.001301	0	12	0	1	0	13
0.001023	0	0	15	19	17	51
0.008567	0	17	0	0	0	17
0.001528	0	0	0	0	17	17
0.000249	0	17	0	0	15	32
0.000555	0	15	0	0	0	15
0.000341	0	0	0	0	0	0
0.00203	0.01	0	32	26	3	61
0.000349	0	3	0	0	0	3
0.000669	0	0	0	0	0	0
0.00167	0	0	4	0	15	19
0.000277	0	0	0	8	0	8
0.003746	0	0	3	3	7	13
0.001749	0	7	0	0	0	7
0.000227	0	0	0	0	9	9
0.000242	0	9	0	0	23	32
0.003735	0	23	0	0	7	30
0.014788	0	7	0	0	0	7
0.003796	0	0	1	1	0	2
0.004279	0	0	4	4	13	21
0.002132	0	13	0	0	0	13
0.001044	0	15	0	0	0	15

0.008451	0.01	0	7	7	0	14
0.014372	0	0	8	8	0	16
0.004536	0	0	0	0	0	0
0.005468	0	0	0	15	14	29
0.002635	0	14	12	2	0	28
0.000713	0	0	0	0	0	0
0.00337	0	0	48	48	0	96
0.95892	0	0	0	0	0	0
0.918837	0	0	0	0	0	0
0.975824	0	0	0	0	0	0
0.284688	0.11	0	0	0	0	0
0.033374	0	0	0	0	0	0
0.014791	0	0	0	0	0	0
0.034661	0	0	0	0	0	0
0.006257	0	0	0	0	0	0
0.058942	0	0	0	0	0	0
0.06728	0	0	0	0	0	0
0.041797	0	0	0	0	0	0
0.066569	0	0	0	0	0	0
0.060251	0	0	0	0	0	0
0.045987	0	0	0	0	0	0
0.056972	0	0	0	0	0	0
0.044048	0	0	0	0	0	0
0.067348	0	0	0	0	0	0
0.045955	0	0	0	0	0	0
0.057185	0	0	0	0	0	0
0.029946	0	0	0	0	0	0
0.060306	0	0	0	0	0	0
0.047608	0	0	0	0	0	0
0.062987	0	0	0	0	0	0
0.055489	0	0	0	0	0	0
0.04263	0	0	0	0	0	0
0.06074	0	0	0	0	0	0
0.053875	0	0	0	0	0	0
0.045927	0	0	0	0	0	0
0.055933	0	0	0	0	0	0
0.051591	0	0	0	0	0	0
0.06148	0	0	0	0	0	0
0.062718	0	0	0	0	0	0
0.054662	0	0	0	0	0	0
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0.052644	0	0	0	0	0	0
0.046744	0	0	0	0	0	0
0.045358	0	0	0	0	0	0
0.050935	0	0	0	0	0	0
0.047117	0	0	0	0	0	0
0.054804	0	0	0	0	0	0
0.048369	0	0	0	0	0	0
0.060971	0	0	0	0	0	0
0.053068	0	0	0	0	0	0

0.064307	0	0	0	0	0	0
0.042362	0	0	0	0	0	0
0.012326	0	0	0	0	0	0
0.01557	0	0	0	4	0	4
0.021438	0	0	0	0	0	0
0.022809	0	0	0	0	0	0
0.021183	0	0	0	0	0	0
0.018256	0	0	0	0	0	0
0.013744	0	0	0	0	0	0
0.030764	0	0	0	0	0	0
0.022605	0	0	0	0	0	0
0.010715	0	0	0	0	0	0
0.007303	0	0	0	0	0	0
0.128221	0	0	0	0	0	0
0.015665	0	0	0	0	0	0
0.012531	0	0	0	0	0	0
0.007262	0	0	0	0	0	0
0.011936	0	0	0	0	0	0
0.010198	0	0	0	0	0	0
0.007678	0	0	0	0	0	0
0.005275	0	0	0	0	0	0
0.011699	0	0	0	0	0	0
0.008947	0	0	0	0	0	0
0.068613	0	0	0	0	0	0
0.040795	0	0	0	0	0	0
0.005891	0	0	0	0	0	0
0.014512	0	0	0	0	0	0
0.005833	0	0	0	0	0	0
0.010302	0	0	0	0	0	0
0.031726	0	0	0	0	0	0
0.023424	0	0	0	0	0	0
0.039727	0	0	0	0	0	0
0.06341	0	0	0	0	0	0
0.022723	0	0	0	0	0	0
0.008573	0	0	0	0	0	0
0.440011	0	0	0	0	0	0
0.207127	0	0	0	0	0	0
0.220825	0	0	0	0	0	0
0.314129	0	0	0	0	0	0
0.001333	0	0	0	0	0	0
0.050687	0	0	0	0	0	0
0.082654	0	0	0	0	0	0
0.039414	0	0	0	0	0	0
0.034125	0	0	0	0	0	0
0.016374	0	0	0	0	0	0
0.010441	0	0	0	0	0	0
0.03853	0	0	0	0	0	0
0.056463	0	0	0	0	0	0
0.033884	0	0	0	0	0	0
0.015865	0	0	0	0	0	0

0.10642	0	0	0	0	0	0
0.167723	0	0	0	0	0	0
0.132453	0	0	0	0	0	0
0.122871	0	0	0	0	0	0
0.051088	0	0	0	0	0	0
0.046087	0	0	0	0	0	0
0.049	0	0	0	0	0	0
0.046883	0	0	0	0	0	0
0.076435	0	0	0	0	0	0
0.025714	0	0	0	0	0	0
0.025228	0	0	0	0	0	0
0.043311	0	0	0	0	0	0
0.018653	0	0	0	0	0	0
0.05306	0	0	0	0	0	0
0.022126	0	0	0	0	0	0
0.015757	0	0	0	0	0	0
0.135704	0.04	0	0	0	0	0
0.105894	0	0	0	0	0	0
0.047417	0	0	0	0	0	0
0.014412	0	0	0	0	0	0
0.013535	0	0	0	0	0	0
0.01335	0	0	0	0	0	0
0.0136	0	0	0	0	0	0
0.05026	0	0	0	0	0	0
0.114815	0	0	0	0	0	0
0.106578	0	0	0	0	0	0
0.039987	0	0	0	0	0	0
0.047879	0	0	0	0	0	0
0.049978	0	0	0	0	0	0
0.052381	0	0	0	0	3	3
0.038682	0	0	0	0	0	0
0.044888	0	3	0	0	0	3
0.043623	0	0	0	0	0	0
0.114105	0	0	0	0	0	0
0.033808	0	0	0	0	0	0
0.059693	0	0	0	0	0	0
0.058848	0	0	0	0	0	0
0.067614	0	0	0	0	0	0
0.053541	0	0	0	0	0	0
0.055756	0	0	0	0	0	0
0.057053	0	0	0	0	0	0
0.080367	0	0	0	0	0	0
0.061762	0	0	0	0	0	0
0.067295	0	0	0	0	0	0
0.053908	0	0	0	0	0	0
0.048918	0	0	0	0	0	0
0.024151	0	0	0	0	0	0
0.010663	0	0	0	0	0	0
0.009472	0	0	0	0	0	0
0.006203	0	0	0	0	0	0

0.008721	0	0	0	0	0	0
0.006484	0	0	0	0	0	0
0.011877	0	0	0	0	0	0
0.008633	0	0	0	0	0	0
0.007193	0	0	0	0	0	0
0.005446	0	0	0	0	0	0
0.005926	0	0	0	0	0	0
0.005101	0	0	0	0	0	0
0.009916	0	0	0	0	0	0
0.003275	0	0	0	0	0	0
0.003215	0	0	0	0	0	0
0.003782	0	0	0	0	0	0
0.002456	0	0	0	0	0	0
0.002544	0	0	0	0	0	0
0.002333	0	0	0	0	0	0
0.002229	0	0	0	0	0	0
0.002765	0	0	0	0	0	0
0.003031	0	0	0	0	0	0
0.00422	0	0	0	0	0	0
0.009911	0	0	0	0	0	0
0.002819	0	0	0	0	0	0
0.002083	0	0	0	0	0	0
0.002903	0	0	0	0	0	0
0.001563	0	0	0	0	0	0
0.001972	0	0	0	0	0	0
0.003218	0	0	0	0	0	0
0.001745	0	0	0	0	0	0
0.002435	0	0	0	0	0	0
0.002829	0	0	0	0	0	0
0.001763	0	0	0	0	0	0
0.013287	0	0	0	0	0	0
0.009589	0	0	0	0	0	0
0.071275	0.01	0	0	0	0	0
0.011043	0	0	0	0	0	0
0.0079	0	0	0	0	0	0
0.009326	0	0	0	0	0	0
0.933488	0	0	27	4	73	104
0.004172	0.01	64	215	210	53	542
0.000562	0	53	34	34	63	184
0.000491	0	63	47	50	28	188
0.002409	0.01	88	128	130	48	394
0.003362	0.01	48	111	124	57	340
0.000612	0	57	6	6	0	69
0.000707	0	21	0	0	13	34
0.000054	0	13	0	0	0	13
0.000102	0	0	0	0	0	0
0.002037	0	0	3	3	39	45
0.001038	0	39	14	13	10	76
0.001003	0	10	0	0	54	64
0.000248	0	54	6	6	24	90

0.000202	0	24	0	0	23	47
0.000368	0	3	0	0	26	29
0.000154	0	0	0	0	0	0
0.000016	0	0	0	16	0	16
0.005988	0.01	0	144	167	33	344
0.000427	0	0	6	0	4	10
0.005955	0	0	0	0	14	14
0.000355	0	26	22	22	34	104
0.000769	0	0	35	35	34	104
0.000327	0	34	0	0	28	62
0.000337	0	28	0	0	25	53
0.000761	0	25	55	55	64	199
0.453644	0.25	0	0	0	0	0
0.248922	0.13	0	0	0	0	0
0.23162	0.24	0	0	0	10	10
0.68619	0.04	10	0	0	0	10
0.040497	0	0	0	0	0	0
0.020393	0.01	0	0	0	0	0
0.026736	0	0	0	0	0	0
0.023327	0.03	0	0	0	0	0
0.018357	0	0	0	0	0	0
0.177531	0.33	0	0	0	0	0
0.010378	0.05	0	0	0	0	0
0.014985	0	0	0	0	0	0
0.007066	0	0	0	0	0	0
0.121404	0	0	0	0	0	0
0.856869	0	0	0	0	0	0
0.008556	0	0	0	0	0	0
0.114187	0.4	0	0	0	0	0
0.171195	0.36	0	0	0	0	0
0.320771	0.35	0	0	0	0	0
0.054265	0.62	0	0	0	0	0
0.039794	0	0	0	0	0	0
0.10011	0.37	0	0	0	0	0
0.162268	0.63	0	0	0	0	0
0.12985	0.09	0	0	0	1	1
0.148422	0.22	0	0	0	0	0
0.53356	0	0	0	0	0	0
0.750976	0	0	0	0	0	0
0.05587	0	0	0	0	0	0
0.052423	0	0	0	0	0	0
0.065137	0	0	0	0	0	0
0.083989	0	0	0	0	0	0
0.070444	0	0	0	0	0	0
0.067747	0	0	0	0	0	0
0.061796	0	0	0	0	0	0
0.052058	0	0	0	0	0	0
0.07293	0	0	0	0	0	0
0.052241	0	0	0	0	0	0
0.044678	0	0	0	0	0	0

0.089722	0	0	0	0	0	0
0.06654	0	0	0	0	0	0
0.065942	0	0	0	0	0	0
0.035326	0	0	0	0	0	0
0.021484	0	0	0	0	0	0
0.03247	0	0	0	0	0	0
0.029964	0	0	0	0	0	0
0.147107	0.21	0	0	0	0	0
0.097613	0	0	0	0	0	0
0.073989	0	8	0	0	7	15
0.010014	0	0	0	0	2	2
0.014886	0	2	0	0	2	4
0.006233	0	2	0	0	0	2
0.009388	0	0	0	4	0	4
0.008161	0	0	0	0	13	13
0.031174	0	13	0	0	0	13
0.008818	0	0	0	0	0	0
0.004383	0	0	0	0	6	6
0.003641	0	6	0	0	0	6
0.003853	0	0	0	0	0	0
0.005755	0	7	0	0	17	24
0.0032	0	0	0	0	0	0
0.002592	0	0	0	0	0	0
0.0024	0	0	0	0	0	0
0.002699	0	0	0	0	5	5
0.005577	0	5	0	0	5	10
0.002734	0	5	0	0	0	5
0.003854	0	0	0	0	0	0
0.002473	0	0	0	0	0	0
0.002796	0	0	0	0	0	0
0.002027	0	0	0	0	0	0
0.006019	0	17	0	0	0	17
0.002248	0	0	0	0	0	0
0.003007	0	0	0	0	0	0
0.002614	0	0	0	0	0	0
0.002508	0	0	0	0	1	1
0.003106	0	1	0	0	0	1
0.013244	0	0	0	0	0	0
0.007611	0	0	0	0	0	0
0.021307	0	0	0	0	0	0
0.012012	0	0	0	0	0	0
0.003711	0	0	0	0	0	0
0.007654	0	0	0	0	1	1
0.004888	0.01	0	0	0	0	0
0.024384	0	1	0	0	0	1
0.011047	0	0	0	0	0	0
0.0202	0	0	0	0	6	6
0.005824	0	6	0	0	11	17
0.007655	0	11	0	0	0	11
0.039617	0	3	0	0	0	3



0.002957	0	0	0	0	0	0
0.158065	0	0	0	0	0	0
0.005513	0	0	0	0	0	0
0.040142	0	0	0	0	0	0
0.002633	0	4	0	0	0	4
0.000496	0	0	0	0	18	18
0.000202	0	18	22	0	1	41
0.000106	0	1	0	0	0	1
0.00002	0	0	0	0	0	0
0.000326	0	0	12	36	35	83
0.001332	0	0	0	0	0	0
0.000011	0	0	0	0	0	0
0.000048	0	0	0	0	4	4
0.000136	0	4	0	0	0	4
0.000087	0	0	0	0	0	0
0.006737	0.01	0	0	0	0	0
0.021947	0	4	0	0	0	4
0.036056	0	0	9	0	0	9
0.016847	0	0	0	0	0	0
0.021586	0	0	0	0	0	0
0.03115	0	0	0	0	0	0
0.15484	0	0	0	0	0	0
0.163335	0	0	0	0	0	0
0.196998	0	0	0	0	0	0
0.193977	0.01	0	0	0	0	0
0.170261	0	0	0	0	0	0
0.3648	0.06	0	0	0	0	0
0.022005	0	6	0	0	0	6
0.017095	0	0	0	0	0	0
0.008083	0	0	0	0	0	0
0.185443	0	0	0	0	0	0
0.023419	0	0	0	0	0	0
0.028984	0	0	0	0	0	0
0.025026	0	0	0	0	0	0
0.086246	0	0	0	0	0	0
0.398718	0	0	0	0	0	0
0.396714	0	0	0	0	0	0
0.036893	0	0	0	0	0	0
0.058409	0	0	0	0	0	0
0.050205	0	0	0	0	0	0
0.043248	0	0	0	0	0	0
0.047861	0	0	0	0	0	0
0.046381	0	0	0	0	0	0
0.219694	0	0	0	0	0	0
0.098893	0	0	0	0	0	0
0.058131	0	0	0	0	0	0
0.060419	0	0	0	0	0	0
0.003575	0	0	0	0	0	0
0.001846	0	0	0	5	0	5
0.002381	0	0	0	0	0	0

0.013342	0.01	0	0	0	0	0
0.007439	0	0	0	0	0	0
0.002745	0	0	0	0	0	0
0.002187	0	0	0	0	0	0
0.004259	0	0	0	4	0	4
0.003121	0	0	5	0	0	5
0.001673	0	0	2	0	0	2
0.003113	0	0	0	0	0	0
0.002949	0	0	0	0	0	0
0.0553	0	0	0	0	0	0
0.035049	0	0	0	0	0	0
0.02637	0	0	0	0	0	0
0.02091	0	0	0	0	0	0
0.041259	0	0	0	0	0	0
0.030957	0	0	0	0	0	0
0.043827	0	0	0	0	0	0
0.022041	0	0	0	0	0	0
0.023013	0	0	0	0	0	0
0.04322	0	0	0	0	0	0
0.03293	0	0	0	0	0	0
0.015685	0	0	0	0	0	0
0.01371	0	0	0	0	0	0
0.039441	0	0	0	0	0	0
0.067022	0	0	0	0	0	0
0.016045	0	0	0	0	0	0
0.046878	0	0	0	0	0	0
0.044437	0	0	0	0	0	0
0.045155	0	0	0	0	0	0
0.046498	0	0	0	0	0	0
0.060113	0	0	0	0	0	0
0.044148	0	0	0	0	0	0
0.029585	0	0	0	0	0	0
0.039729	0	0	0	0	0	0
0.036874	0	0	0	0	0	0
0.035004	0	0	0	0	0	0
0.045585	0	0	0	0	0	0
0.025905	0	0	0	0	0	0
0.026118	0	0	0	0	0	0
0.022914	0	0	0	0	0	0
0.030113	0	0	0	0	0	0
0.034608	0	0	0	0	0	0
0.037812	0	0	0	0	0	0
0.022452	0	0	0	0	0	0
0.014962	0	0	0	0	0	0
0.021954	0	0	0	0	0	0
0.034679	0	0	0	0	0	0
0.054435	0	0	0	0	0	0
0.028902	0	0	0	0	0	0
0.024692	0	0	0	0	0	0
0.013194	0	0	0	0	0	0

0.02017	0	0	0	0	0	0
0.016602	0	0	0	0	0	0
0.023981	0	0	0	0	3	3
0.018956	0	3	0	0	0	3
0.013861	0	0	0	0	0	0
0.009611	0	0	0	0	0	0
0.020015	0	0	0	0	0	0
0.038314	0	0	0	0	0	0
0.044996	0	0	0	0	0	0
0.025093	0	0	0	0	0	0
0.030683	0	0	0	0	0	0
0.045411	0	0	0	0	0	0
0.06491	0	0	0	0	0	0
0.050019	0	0	0	0	0	0
0.223574	0	0	0	0	0	0
0.032349	0	0	0	0	0	0
0.012607	0	0	0	0	0	0
0.009844	0	0	0	0	0	0
0.007921	0	0	0	0	0	0
0.005596	0	0	0	0	0	0
0.005635	0	0	0	0	0	0
0.007423	0	0	0	0	0	0
0.012173	0	0	0	0	0	0
0.004403	0	0	0	0	0	0
0.011133	0	0	0	0	0	0
0.005297	0	0	0	0	0	0
0.00453	0	0	0	0	0	0
0.002991	0	0	0	0	0	0
0.003306	0	0	0	0	0	0
0.002795	0	0	0	0	0	0
0.006113	0	0	0	0	0	0
0.002789	0	0	0	0	0	0
0.002934	0	0	0	0	0	0
0.002231	0	0	0	0	0	0
0.003426	0	0	0	0	0	0
0.009158	0	0	0	0	0	0
0.003146	0	0	0	0	0	0
0.008697	0	0	0	0	0	0
0.002428	0	0	0	0	0	0
0.001885	0	0	0	0	0	0
0.002742	0	0	0	0	0	0
0.001816	0	0	0	0	2	2
0.002116	0	2	0	0	0	2
0.015999	0	0	0	0	0	0
0.124661	0.17	0	0	0	0	0
0.03788	0.01	0	0	0	0	0
0.011261	0	0	0	0	0	0
0.00829	0	0	0	0	0	0
0.007227	0	0	0	0	0	0
0.010794	0	0	0	0	0	0

0.007017	0	0	0	0	3	3
0.021018	0	3	0	5	0	8
0.043453	0	0	0	8	0	8
0.010995	0	0	0	0	0	0
0.013026	0	0	0	0	0	0
0.006743	0	0	0	0	0	0
0.003412	0	0	0	0	0	0
0.002844	0	0	0	0	0	0
0.003314	0	0	0	0	0	0
0.007122	0	0	0	0	0	0
0.002416	0	0	0	0	0	0
0.003081	0	0	0	0	0	0
0.002378	0	0	0	0	0	0
0.010127	0	0	0	0	8	8
0.001841	0	0	0	0	0	0
0.002669	0	0	0	0	0	0
0.00339	0	0	0	0	2	2
0.007966	0	2	0	0	0	2
0.00369	0	0	0	0	0	0
0.002028	0	0	0	0	0	0
0.001827	0	0	0	0	0	0
0.006246	0	0	0	0	0	0
0.001928	0	0	0	0	0	0
0.001773	0	0	0	0	0	0
0.004046	0	8	0	0	0	8
0.001677	0	0	0	0	0	0
0.001719	0	0	0	0	0	0
0.002194	0	0	0	0	4	4
0.002108	0	4	0	0	9	13
0.011248	0	9	1	0	0	10
0.001071	0	0	0	0	0	0
0.001381	0	0	0	0	0	0
0.001264	0	0	0	0	5	5
0.004364	0	5	0	0	0	5
0.001464	0	0	0	0	0	0
0.007897	0	0	0	0	0	0
0.008167	0	0	0	0	0	0
0.00248	0	0	0	0	0	0
0.005305	0	0	0	0	0	0
0.001777	0	0	0	0	0	0
0.007568	0	0	0	0	6	6
0.106543	0	6	2	4	11	23
0.007412	0	11	0	0	0	11
0.07687	0.01	0	0	0	0	0
0.008281	0	0	0	0	0	0
0.058947	0	0	0	0	0	0
0.055591	0	0	0	0	0	0
0.063683	0	0	0	0	0	0
0.067208	0	0	0	0	0	0
0.112035	0	0	0	0	0	0

0.105878	0	0	0	0	0	0
0.171904	0	0	0	0	0	0
0.341124	0	0	1	0	4	5
0.064505	0	0	0	0	0	0
0.044457	0	0	0	0	0	0
0.057457	0	0	0	0	0	0
0.050175	0	0	0	0	0	0
0.047827	0	0	0	0	0	0
0.069718	0	0	0	0	0	0
0.042774	0	0	0	0	0	0
0.071361	0	0	0	0	0	0
0.035731	0	0	0	0	0	0
0.027254	0	0	0	0	0	0
0.022848	0	0	0	0	0	0
0.045565	0	0	0	0	0	0
0.041101	0	0	0	0	0	0
0.040175	0	0	0	0	0	0
0.127183	0	0	0	0	0	0
0.064147	0	0	0	0	0	0
0.02199	0	0	0	0	0	0
0.077766	0	0	0	0	0	0
0.04932	0	0	0	0	0	0
0.087959	0	0	0	0	0	0
0.006751	0	0	0	0	0	0
0.009334	0	0	0	0	0	0
0.051387	0	0	0	0	0	0
0.046241	0	0	0	0	0	0
0.045434	0	0	0	0	0	0
0.063574	0	0	0	0	0	0
0.043971	0	0	0	0	0	0
0.043875	0	0	0	0	0	0
0.020243	0	0	0	5	0	5
0.008987	0	0	0	0	0	0
0.032138	0	0	3	3	0	6
0.005118	0	0	0	0	3	3
0.002502	0	3	0	0	0	3
0.010049	0	0	0	0	0	0
0.004571	0	0	0	0	0	0
0.003812	0	0	0	0	0	0
0.005775	0	0	0	0	0	0
0.002821	0	0	0	0	0	0
0.029619	0	0	0	0	0	0
0.006653	0	0	0	0	1	1
0.004598	0	0	0	0	0	0
0.022628	0	0	0	0	0	0
0.00689	0	0	0	0	0	0
0.006637	0	0	0	0	4	4
0.014558	0	4	0	0	0	4
0.013506	0	0	0	0	0	0
0.002768	0	0	0	0	0	0

0.00654	0	0	0	0	0	0
0.008213	0	0	0	0	0	0
0.005513	0	0	0	0	0	0
0.007435	0	1	0	0	0	1
0.009032	0	0	0	0	3	3
0.009016	0	3	0	0	0	3
0.004047	0	0	0	0	0	0
0.005653	0	0	0	0	0	0
0.005272	0	0	0	0	0	0
0.012985	0	0	0	3	6	9
0.00589	0	6	0	0	0	6
0.007102	0	0	0	0	0	0
0.11812	0	0	0	0	0	0
0.085235	0	0	0	0	0	0
0.045624	0	0	0	0	0	0
0.045571	0	0	0	0	0	0
0.044361	0	0	0	0	0	0
0.028032	0	0	0	0	0	0
0.034931	0	0	0	0	0	0
0.022226	0	0	0	0	0	0
0.074588	0	0	0	0	0	0
0.062583	0	0	0	0	0	0
0.054288	0	0	0	0	0	0
0.058564	0	0	0	0	0	0
0.040075	0	0	0	0	0	0
0.055321	0	0	0	0	0	0
0.069395	0	0	0	0	0	0
0.043662	0	0	0	0	0	0
0.043013	0	0	0	0	0	0
0.042928	0	0	0	0	0	0
0.048235	0	0	0	0	0	0
0.050196	0	0	0	0	0	0
0.043938	0	0	0	0	0	0
0.038925	0	0	0	0	0	0
0.07046	0	0	0	0	0	0
0.039862	0	0	0	0	0	0
0.042898	0	0	0	0	0	0
0.036709	0	0	0	0	0	0
0.059408	0	0	0	0	0	0
0.036561	0	0	0	0	0	0
0.023977	0	0	0	0	0	0
0.034796	0	0	0	0	0	0
0.0196	0	0	0	0	0	0
0.065747	0	0	0	0	0	0
0.055836	0	0	0	0	0	0
0.320581	0	0	0	0	0	0
0.133823	0	0	0	0	0	0
0.028721	0	0	0	0	0	0
0.029447	0	0	0	0	0	0
0.080381	0	0	0	0	0	0

0.030834	0	0	0	0	0	0
0.034141	0	0	0	0	0	0
0.09276	0	0	0	0	0	0
0.184069	0	0	0	0	0	0
0.074021	0	0	0	0	0	0
0.07513	0	0	0	0	0	0
0.121743	0	0	0	0	0	0
0.293144	0	0	0	0	0	0
0.057482	0	0	0	0	0	0
0.020307	0	0	0	0	0	0
0.025622	0	0	0	0	0	0
0.036209	0	0	0	0	0	0
0.022728	0	0	0	0	0	0
0.041832	0	0	0	0	0	0
0.033442	0	0	0	0	0	0
0.076953	0	0	0	0	0	0
0.068807	0	0	0	0	0	0
0.042561	0	0	0	0	0	0
0.019823	0	0	0	0	0	0
0.020108	0	0	0	0	0	0
0.041934	0	0	0	0	0	0
0.025801	0	0	0	0	0	0
0.032889	0	0	0	0	0	0
0.035073	0	0	0	0	0	0
0.066726	0	0	0	0	0	0
0.026931	0	0	0	0	0	0
0.043104	0	0	0	0	0	0
0.02937	0	0	0	0	0	0
0.026536	0	0	0	0	0	0
0.026822	0	0	0	0	0	0
0.070136	0	0	0	0	0	0
0.021376	0	0	0	0	0	0
0.023565	0	0	0	0	0	0
0.026253	0	0	0	0	0	0
0.021742	0	0	0	0	0	0
0.043629	0	0	0	0	0	0
0.015785	0	0	0	0	0	0
0.023166	0	0	0	0	0	0
0.018	0	0	0	0	0	0
0.028853	0	0	0	0	0	0
0.078426	0	0	0	0	0	0
0.033772	0	0	0	0	0	0
0.065679	0	0	0	0	0	0
0.013983	0	0	0	0	0	0
0.014933	0	0	0	0	0	0
0.021712	0	0	0	0	0	0
0.011483	0	0	0	0	0	0
0.010752	0	0	0	0	0	0
0.007019	0	0	0	0	0	0
0.006316	0	0	0	0	0	0

0.008317	0	0	0	0	0	0
0.042884	0	0	0	0	0	0
0.040032	0	0	0	0	0	0
0.054203	0	0	0	0	0	0
0.03093	0	0	0	0	0	0
0.038717	0	0	0	0	0	0
0.033859	0	0	0	0	0	0
0.051853	0	0	0	0	0	0
0.049318	0	0	0	0	0	0
0.064336	0	0	0	0	0	0
0.058301	0	0	0	0	0	0
0.056237	0	0	0	0	0	0
0.045879	0	0	0	0	0	0
0.044913	0	0	0	0	0	0
0.044968	0	0	0	0	0	0
0.069005	0	0	0	0	0	0
0.056766	0	0	0	0	0	0
0.052243	0	0	0	0	0	0
0.059188	0	0	0	0	0	0
0.038141	0	0	0	0	0	0
0.034736	0	0	0	0	0	0
0.034855	0	0	0	0	0	0
0.09562	0	0	0	0	0	0
0.028806	0	0	0	0	0	0
0.010966	0	0	0	0	0	0
0.050394	0	0	0	0	0	0
0.066199	0	0	0	0	0	0
0.109021	0	0	0	0	0	0
0.124317	0	0	0	0	0	0
0.102006	0	0	0	0	0	0
0.060935	0	0	0	0	0	0
0.047695	0	0	0	0	0	0
0.058417	0	0	0	0	0	0
0.080345	0	0	0	0	0	0
0.342554	0	0	0	0	0	0
0.1056	0	0	0	0	0	0
0.13818	0	0	0	0	0	0
0.056374	0	0	0	0	0	0
0.104092	0	0	0	0	0	0
0.060209	0	0	0	0	0	0
0.249069	0	0	0	0	0	0
0.095276	0	0	0	0	0	0
0.157223	0	0	0	0	0	0
0.206782	0	0	0	0	0	0
0.023625	0	0	0	0	0	0
0.055113	0	0	0	0	0	0
0.049328	0	0	0	0	0	0
0.043485	0	0	0	0	0	0
0.046225	0	0	0	0	0	0
0.044694	0	0	0	0	0	0



0.115746	0	0	0	0	0	0
0.119491	0	0	0	0	0	0
0.056645	0	0	0	0	0	0
0.368479	0.03	0	0	0	0	0
0.025703	0	0	0	0	0	0
0.056101	0	0	0	0	0	0
0.031409	0	0	0	0	0	0
0.042078	0	0	0	0	0	0
0.029353	0	0	0	0	0	0
0.026974	0	0	0	0	0	0
0.018077	0	0	0	0	0	0
0.022654	0	0	0	0	0	0
0.020778	0	0	0	0	0	0
0.026916	0	0	0	0	0	0
0.051723	0	0	0	0	0	0
0.042999	0	0	0	0	0	0
0.028096	0	0	0	0	0	0
0.036844	0	0	0	0	0	0
0.02095	0	0	0	0	0	0
0.019923	0	0	0	0	0	0
0.021063	0	0	0	0	0	0
0.018003	0	0	0	0	0	0
0.012326	0	0	0	0	0	0
0.057614	0	0	0	0	0	0
0.062143	0	0	0	0	0	0
0.053282	0	0	0	0	0	0
0.075577	0	0	0	0	0	0
0.061967	0	0	0	0	0	0
0.205797	0	0	0	0	0	0
0.236922	0	0	0	0	0	0
0.146852	0	0	0	0	0	0
0.014821	0	0	0	0	0	0
0.015085	0	0	0	0	0	0
0.018341	0	0	0	0	0	0
0.042115	0	0	0	0	0	0
0.019417	0	0	0	0	0	0
0.020151	0	0	0	0	0	0
0.014647	0.08	0	0	0	0	0
0.028115	0	0	0	0	0	0
0.008774	0	0	0	0	0	0
0.013441	0	0	0	0	0	0
0.058907	0	0	0	0	0	0
0.104434	0	0	0	0	0	0
0.042074	0	0	0	0	0	0
0.014763	0	0	0	0	0	0
0.126948	0.04	0	0	0	0	0
0.038986	0	0	0	0	0	0
0.010481	0	0	0	0	0	0
0.039646	0	0	0	0	0	0
0.050209	0	0	0	0	0	0

0.021937	0	0	0	0	0	0
0.261411	0.21	0	0	0	0	0
0.053492	0	0	0	0	0	0
0.044521	0	0	0	0	0	0
0.041432	0	0	0	0	0	0
0.067053	0	0	0	0	0	0
0.030046	0	0	0	0	0	0
0.047871	0	0	0	0	0	0
0.06403	0	0	0	0	0	0
0.02824	0	0	14	8	0	22
0.025514	0	0	0	0	0	0
0.007765	0	0	0	0	0	0
0.011795	0	0	0	4	0	4
0.007035	0	0	0	0	0	0
0.013445	0	0	0	0	0	0
0.009481	0	0	0	0	0	0
0.005067	0	0	0	0	0	0
0.004568	0	0	0	0	0	0
0.003423	0	0	0	0	0	0
0.00343	0	0	0	0	0	0
0.072213	0	0	0	0	0	0
0.054882	0	0	0	0	0	0
0.056121	0	0	0	0	0	0
0.028705	0.14	0	0	0	0	0
0.04479	0	0	0	0	0	0
0.042741	0	0	0	0	0	0
0.045124	0	0	0	0	0	0
0.044648	0	0	0	0	0	0
0.046938	0	0	0	0	0	0
0.050354	0	0	0	0	0	0
0.193935	0	0	0	0	0	0
0.022079	0	0	0	0	0	0
0.017391	0	0	0	0	0	0
0.018061	0.02	4	0	0	8	12
0.001552	0	0	0	0	1	1
0.001903	0	1	0	0	0	1
0.000684	0	0	0	0	6	6
0.002057	0	6	0	0	0	6
0.004059	0	0	0	2	0	2
0.004992	0	0	0	0	1	1
0.0005	0	1	0	0	0	1
0.002759	0.01	0	63	44	26	133
0.001305	0	26	0	0	0	26
0.000793	0	0	0	0	0	0
0.001797	0	8	0	0	0	8
0.000504	0	0	0	0	0	0
0.001556	0	0	8	17	0	25
0.000758	0	0	33	0	0	33
0.000476	0	0	0	0	0	0
0.001331	0	0	0	0	0	0

0.002617	0	0	0	0	0	0
0.000294	0	0	0	0	0	0
0.000314	0	0	0	0	0	0
0.000213	0	0	0	0	0	0
0.000224	0	0	0	0	0	0
0.005155	0	0	0	0	0	0
0.00234	0	0	0	0	0	0
0.000356	0	0	0	0	0	0
0.001073	0	0	0	0	0	0
0.002664	0	0	0	0	0	0
0.006351	0	0	0	0	0	0
0.006357	0	0	0	0	0	0
0.000935	0	0	0	0	0	0
0.000768	0	0	0	0	0	0
0.005736	0	0	0	0	0	0
0.001033	0	0	0	0	0	0
0.00129	0	0	0	0	0	0
0.000877	0	0	0	0	0	0
0.000947	0	0	0	0	0	0
0.008405	0	0	0	2	7	9
0.001684	0	0	0	0	0	0
0.001943	0	0	0	0	0	0
0.001979	0	0	0	0	0	0
0.002212	0	0	0	0	0	0
0.002243	0	0	0	0	0	0
0.001278	0	0	0	0	0	0
0.001364	0	0	0	0	0	0
0.001649	0	0	0	0	0	0
0.001337	0	0	0	0	0	0
0.001242	0	0	0	0	0	0
0.00292	0	7	0	0	0	7
0.002544	0	0	0	5	0	5
0.002263	0	0	0	0	0	0
0.001107	0	0	0	0	0	0
0.014471	0	0	0	6	0	6
0.001419	0	0	0	0	0	0
0.001812	0	0	0	0	0	0
0.00099	0	0	0	0	0	0
0.001391	0	0	0	0	0	0
0.000727	0	0	0	0	0	0
0.002581	0	0	0	0	0	0
0.002794	0	0	0	0	0	0
0.001788	0	0	0	0	0	0
0.004091	0	0	0	0	0	0
0.003107	0	0	0	0	0	0
0.000732	0	0	0	0	0	0
0.004296	0	0	0	0	0	0
0.005656	0	0	0	0	0	0
0.001691	0	0	0	1	0	1
0.002494	0	0	0	0	0	0

0.00268	0	0	0	0	0	0
0.006581	0	0	0	0	0	0
0.004292	0	0	0	0	0	0
0.00325	0	0	0	0	0	0
0.001729	0	0	0	0	0	0
0.289891	0.07	0	0	0	0	0
0.031975	0	0	0	0	0	0
0.055985	0	0	0	0	0	0
0.017168	0	0	0	0	0	0
0.033799	0	0	0	0	0	0
0.020712	0	0	0	0	0	0
0.019843	0	0	0	0	0	0
0.01496	0	0	0	0	0	0
0.0999	0	0	0	0	0	0
0.000459	0	0	0	0	4	4
0.008298	0	4	0	0	0	4
0.010658	0	0	0	0	0	0
0.000432	0	0	0	0	0	0
0.002424	0	0	0	0	0	0
0.013898	0	0	0	0	0	0
0.010899	0	0	0	0	0	0
0.008051	0	0	0	0	0	0
0.006361	0	0	0	0	0	0
0.008009	0	0	0	0	0	0
0.008548	0	0	0	0	0	0
0.005447	0	0	0	0	0	0
0.013241	0	0	0	0	0	0
0.021137	0	0	0	0	0	0
0.004405	0	0	0	0	0	0
0.116453	0.02	0	0	0	0	0
0.018198	0	0	0	0	0	0
0.012296	0	0	0	0	0	0
0.013599	0	0	0	0	0	0
0.017077	0	0	0	0	0	0
0.013287	0	0	0	0	0	0
0.010931	0	0	0	0	0	0
0.178126	0.07	0	0	0	0	0
0.013581	0	0	0	0	0	0
0.628257	0.14	0	0	0	2	2
0.208037	0	2	0	0	0	2
0.056404	0	0	0	0	0	0
0.058108	0	0	0	0	0	0
0.07217	0	0	0	0	0	0
0.112619	0	0	0	0	0	0
0.031454	0	0	0	0	0	0
0.025961	0	0	0	0	0	0
0.036487	0	0	0	0	0	0
0.039263	0	0	0	0	0	0
0.054741	0	0	0	0	0	0
0.064698	0.27	0	0	0	0	0

0.096738	0	0	0	0	0	0
0.048607	0	0	0	0	0	0
0.029136	0	0	0	0	0	0
0.041421	0	0	0	0	0	0
0.027662	0	0	0	0	0	0
0.182723	0	0	0	0	0	0
0.00872	0	0	0	0	0	0
0.008117	0	0	0	0	0	0
0.010209	0	0	0	0	0	0
0.015009	0	0	0	0	0	0
0.006358	0	0	0	0	0	0
0.009095	0	0	0	0	0	0
0.086277	0	0	0	0	0	0
0.012028	0	0	0	0	0	0
0.028378	0	0	0	0	0	0
0.012	0	0	0	0	0	0
0.014901	0	0	0	0	0	0
0.029666	0	0	0	0	0	0
0.015974	0	0	0	0	0	0
0.01496	0	0	0	0	0	0
0.021636	0	0	0	0	0	0
0.040243	0	0	0	0	0	0
0.032832	0	0	0	0	0	0
0.011146	0	0	0	0	0	0
0.009433	0	0	0	0	0	0
0.023139	0	0	0	0	0	0
0.040466	0	0	0	0	0	0
0.032325	0	0	0	0	0	0
0.055636	0	0	0	0	0	0
0.075017	0	0	0	0	0	0
0.064851	0	0	0	0	0	0
0.025835	0	0	0	0	0	0
0.015136	0	0	0	0	0	0
0.013772	0	0	0	0	0	0
0.018721	0	0	0	0	0	0
0.068062	0	0	0	0	0	0
0.03372	0	0	0	0	0	0
0.04993	0	0	0	0	0	0
0.051706	0	0	0	0	0	0
0.035782	0	0	0	0	0	0
0.041501	0	0	0	0	0	0
0.037651	0	0	0	0	0	0
0.036499	0	0	0	0	0	0
0.058057	0	0	0	0	0	0
0.003963	0	0	0	0	0	0
0.106065	0	0	0	0	0	0
0.064384	0	0	0	0	0	0
0.064076	0	0	0	0	0	0
0.049502	0	0	0	0	0	0
0.022005	0	0	0	0	0	0

0.063233	0	0	0	0	0	0
0.038077	0	0	0	0	0	0
0.004025	0	0	0	0	0	0
0.003789	0	0	0	0	0	0
0.006972	0	0	0	0	0	0
0.133873	0.01	0	0	0	0	0
0.523393	0.03	0	0	0	0	0
0.04503	0	0	0	0	0	0
0.09537	0	0	0	0	0	0
0.058011	0	0	0	0	0	0
0.04683	0	0	0	0	0	0
0.062971	0	0	0	0	0	0
0.047875	0	0	0	0	0	0
0.039153	0	0	0	0	0	0
0.013353	0	0	0	0	0	0
0.02651	0	0	0	0	0	0
0.021827	0	0	0	0	0	0
0.033275	0	0	0	0	0	0
0.058337	0	0	0	2	0	2
0.926462	0	0	0	0	0	0
0.038658	0	0	0	0	0	0
0.036298	0	0	0	0	0	0
0.064143	0	0	0	0	0	0
0.047395	0	0	0	0	0	0
0.028079	0	0	0	0	0	0
0.030346	0	0	0	0	0	0
0.02821	0	0	0	0	0	0
0.02646	0	0	0	0	0	0
0.024417	0	0	0	0	0	0
0.035892	0	0	0	0	0	0
0.071186	0	0	0	0	0	0
0.141981	0	0	0	0	0	0
0.015894	0	0	0	0	0	0
0.013099	0	0	0	0	0	0
0.055241	0	0	0	0	0	0
0.007592	0	0	0	0	0	0
0.004554	0	0	0	0	0	0
0.091376	0	0	0	0	0	0
0.033368	0	0	0	0	0	0
0.032527	0	0	0	0	0	0
0.012753	0	0	0	0	0	0
0.035565	0	0	0	0	0	0
0.016413	0	0	0	0	0	0
0.01095	0	0	0	0	0	0
0.030701	0	0	0	0	0	0
0.144221	0.02	0	0	0	0	0
0.014247	0	0	0	0	0	0
0.006496	0	0	0	0	0	0
0.006702	0	0	0	0	0	0
0.00178	0	0	0	0	0	0

0.002609	0	0	0	0	0	0
0.0041	0	0	0	0	0	0
0.003064	0	0	0	0	0	0
0.009659	0	0	0	0	0	0
0.02765	0	0	0	0	0	0
0.015341	0	0	0	0	0	0
0.017086	0	0	0	0	0	0
0.010177	0	0	0	0	0	0
0.006544	0	0	0	0	0	0
0.005364	0	0	0	0	0	0
0.012185	0	0	0	0	0	0
0.007377	0	0	0	0	0	0
0.012083	0	0	0	0	0	0
0.009422	0	0	0	0	0	0
0.008835	0	0	0	0	0	0
0.011483	0	0	0	0	0	0
0.019033	0	0	0	0	0	0
0.009557	0	0	0	0	0	0
0.011858	0	0	0	0	0	0
0.012061	0	0	0	0	0	0
0.02487	0	0	0	0	0	0
0.013013	0	0	0	0	0	0
0.019829	0	0	0	0	0	0
0.033532	0	0	0	0	0	0
0.030928	0	0	0	0	0	0
0.018307	0	0	0	0	0	0
0.053813	0	0	0	0	0	0
0.020824	0	0	0	0	0	0
0.014826	0	0	0	0	0	0
0.035673	0	0	0	0	0	0
0.043584	0	0	0	0	0	0
0.03928	0	0	0	0	0	0
0.027368	0	0	0	0	0	0
0.045784	0	0	0	0	0	0
0.050869	0	0	0	0	0	0
0.058033	0	0	0	0	0	0
0.051508	0	0	0	0	0	0
0.051221	0	0	0	0	0	0
0.085811	0	0	0	0	0	0
0.033196	0	0	0	0	0	0
0.005225	0	0	0	0	0	0
0.016618	0	0	0	0	0	0
0.046073	0	0	0	0	0	0
0.008024	0	0	0	0	0	0
0.006391	0	0	0	0	0	0
0.018206	0	0	0	0	0	0
0.004493	0	0	0	0	0	0
0.004578	0	0	0	0	0	0
0.007349	0	0	0	0	0	0
0.011187	0	0	0	0	0	0

0.020211	0	0	0	0	0	0
0.004955	0	0	0	0	0	0
0.016907	0	0	0	0	0	0
0.012822	0	0	0	0	0	0
0.020692	0	0	0	0	0	0
0.010147	0	0	0	0	0	0
0.013586	0	0	0	0	0	0
0.01163	0	0	0	0	0	0
0.008734	0	0	0	0	0	0
0.008804	0	0	0	0	0	0
0.010609	0	0	0	0	0	0
0.01212	0	0	0	0	0	0
0.500743	0.11	0	0	0	0	0
0.02637	0	0	0	0	0	0
0.02493	0	0	0	0	0	0
0.024132	0	0	0	0	0	0
0.011117	0	0	0	0	0	0
0.005332	0	0	0	0	0	0
0.011064	0	0	0	0	0	0
0.00712	0	0	0	0	0	0
0.005834	0	0	0	0	0	0
0.012876	0	0	0	0	0	0
0.007595	0	0	0	0	0	0
0.020467	0	0	0	0	0	0
0.010202	0	0	0	0	0	0
0.004498	0	0	0	0	0	0
0.007624	0	0	0	0	0	0
0.004128	0	0	0	0	0	0
0.006044	0	0	0	0	0	0
0.002045	0	0	0	0	0	0
0.008754	0	0	0	0	0	0
0.005815	0	0	0	0	0	0
0.037494	0	0	0	0	0	0
0.008077	0	0	0	0	0	0
0.010079	0	0	0	0	0	0
0.009841	0	0	0	0	0	0
0.028077	0	0	0	0	0	0
0.012925	0	0	0	0	0	0
0.013867	0	0	0	0	1	1
0.018959	0	1	0	0	3	4
0.673748	0	0	0	0	0	0
0.073834	0	0	0	0	0	0
0.106271	0	0	0	0	0	0
0.221864	0	0	0	0	0	0
0.209366	0	0	0	0	0	0
0.037933	0	0	0	0	0	0
0.108562	0	0	0	0	0	0
0.006897	0	0	0	0	0	0
0.002174	0	0	0	0	0	0
0.002924	0	0	0	0	0	0



0.00302	0	0	0	0	0	0
0.05455	0	0	0	0	0	0
0.025326	0	0	0	0	0	0
0.024836	0	0	0	0	0	0
0.026512	0	0	0	0	0	0
0.016321	0	0	0	0	0	0
0.025685	0	0	0	0	0	0
0.039264	0	0	0	0	0	0
0.028678	0	0	0	0	0	0
0.041058	0	0	0	0	0	0
0.648976	0.18	0	0	0	0	0
0.060681	0	0	0	0	0	0
0.05177	0	0	0	0	0	0
0.284488	0	0	0	0	0	0
0.121613	0	0	0	0	0	0
0.083814	0	0	0	0	0	0
0.035523	0	0	0	0	0	0
0.055394	0	0	0	0	0	0
0.054702	0	0	0	0	0	0
0.012273	0	0	0	0	0	0
0.003111	0	0	0	0	0	0
0.016903	0	0	0	0	0	0
0.009403	0	0	0	0	0	0
0.007182	0	0	0	0	0	0
0.031474	0	0	0	0	0	0
0.027113	0	0	0	0	0	0
0.029181	0	0	0	0	0	0
0.079228	0	0	0	0	0	0
0.058035	0	0	0	0	0	0
0.05852	0	0	0	0	0	0
0.000685	0	0	6	0	0	6
0.07945	0	0	0	0	0	0
0.039432	0	0	0	0	0	0
0.008857	0	0	0	0	0	0
0.03396	0	0	0	0	0	0
0.028676	0	0	0	0	0	0
0.02945	0	0	0	0	0	0
0.023319	0	0	0	0	0	0
0.042883	0	0	0	0	0	0
0.087963	0	0	0	0	0	0
0.037348	0.04	0	0	0	0	0
0.008745	0	0	0	0	0	0
0.016845	0	0	0	0	0	0
0.005051	0	0	0	0	0	0
0.006004	0	0	0	0	0	0
0.011138	0	0	0	0	0	0
0.033628	0	0	0	0	0	0
0.053007	0	0	0	0	0	0
0.061658	0	0	0	0	0	0
0.049388	0	0	0	0	0	0

0.039431	0	0	0	0	0	0
0.046113	0	0	0	0	0	0
0.043176	0	0	0	0	0	0
0.035992	0	0	0	0	0	0
0.044183	0	0	0	0	0	0
0.036077	0	0	0	0	0	0
0.026641	0	0	0	0	0	0
0.022303	0	0	0	0	0	0
0.036817	0	0	0	0	0	0
0.016523	0	0	0	0	0	0
0.041026	0	0	0	0	0	0
0.022982	0	0	0	0	0	0
0.039622	0	0	0	0	0	0
0.060042	0	0	0	0	0	0
0.067867	0	0	0	0	0	0
0.063414	0	0	0	0	0	0
0.049887	0	0	0	0	0	0
0.040392	0	0	0	0	0	0
0.033015	0	0	0	0	0	0
0.013278	0	0	0	0	0	0
0.008408	0	0	0	0	0	0
0.007515	0	0	0	0	0	0
0.009294	0	0	0	0	0	0
0.01218	0	0	0	0	0	0
0.017045	0	0	0	0	0	0
0.036135	0	0	0	0	0	0
0.005312	0	0	0	0	0	0
0.006422	0	0	0	0	0	0
0.006426	0	0	0	0	0	0
0.021375	0	0	0	0	0	0
0.008656	0	0	0	0	0	0
0.048916	0	0	0	0	0	0
0.040555	0	0	0	0	0	0
0.023628	0	0	0	0	0	0
0.029987	0	0	0	0	0	0
0.013512	0	0	0	0	0	0
0.024758	0	0	0	0	0	0
0.013086	0	0	0	0	0	0
0.012083	0	0	0	0	0	0
0.052567	0	0	0	0	0	0
0.017499	0	0	0	0	0	0
0.006864	0	0	0	0	0	0
0.011359	0	0	0	0	0	0
0.011928	0	0	0	0	0	0
0.013509	0	0	0	0	0	0
0.109398	0	0	0	0	0	0
0.130873	0	0	0	0	0	0
0.011117	0	0	0	0	0	0
0.061646	0	0	0	0	0	0
0.013294	0	0	0	0	0	0

0.028697	0	0	0	0	0	0
0.008113	0	0	0	0	0	0
0.006155	0	0	0	0	0	0
0.014939	0	0	0	0	0	0
0.015063	0	0	0	0	0	0
0.007834	0	0	0	0	0	0
0.071662	0	0	0	0	0	0
0.022319	0.01	0	0	0	0	0
0.022831	0	0	0	0	0	0
0.029133	0	0	0	0	0	0
0.021661	0	0	0	0	0	0
0.282043	0	0	0	0	0	0
0.040773	0	0	0	0	0	0
0.02845	0	0	0	0	0	0
0.066449	0	0	0	0	0	0
0.049792	0	0	0	0	0	0
0.059722	0	0	0	0	0	0
0.150612	0	0	0	0	0	0
0.046371	0	0	0	0	0	0
0.10101	0	0	0	0	0	0
0.066257	0	0	0	0	0	0
0.986471	0	0	0	0	0	0
0.015794	0	0	0	0	0	0
0.008097	0	0	0	0	0	0
0.007845	0	0	0	0	0	0
0.002822	0	0	0	0	0	0
0.003284	0	0	0	0	0	0
0.003176	0	0	0	0	0	0
0.002551	0	0	0	0	0	0
0.001921	0	0	0	0	0	0
0.00427	0	0	0	0	0	0
0.006148	0	0	0	0	0	0
0.004096	0	0	0	0	0	0
0.014123	0	0	0	0	0	0
0.006219	0	0	0	0	0	0
0.004135	0	0	0	0	0	0
0.006258	0	0	0	0	0	0
0.017354	0	0	0	0	0	0
0.009668	0	0	0	0	0	0
0.001591	0	0	0	0	0	0
0.012132	0	0	0	0	0	0
0.0557	0	0	0	0	0	0
0.003457	0	0	0	0	0	0
0.002956	0	0	0	0	0	0
0.002033	0	0	0	0	0	0
0.001728	0	0	0	0	0	0
0.00148	0	0	0	0	0	0
0.002349	0	0	0	0	0	0
0.002746	0	0	0	0	0	0
0.001077	0	0	0	0	0	0

0.001481	0	0	0	0	0	0
0.001557	0	0	0	0	0	0
0.002106	0	0	0	0	0	0
0.003313	0	0	0	0	0	0
0.017571	0	0	0	0	0	0
0.005818	0	0	6	6	0	12
0.028066	0	0	0	0	0	0
0.036206	0.03	0	0	0	0	0
0.012579	0	0	0	0	0	0
0.004898	0	0	0	0	0	0
0.268556	0	0	0	0	0	0
0.016404	0	0	0	0	0	0
0.010374	0	0	0	0	0	0
0.014384	0	0	0	0	0	0
0.015535	0	3	0	0	0	3
0.11517	0	0	0	0	0	0
0.112522	0	0	0	0	0	0
0.02032	0	0	0	0	0	0
0.164115	0	0	0	0	0	0
0.11712	0	0	0	0	0	0
0.017614	0	0	0	0	0	0
0.016985	0	0	0	0	0	0
0.018876	0	0	0	0	0	0
0.036816	0	0	0	0	0	0
0.06399	0	0	0	0	0	0
0.057295	0	0	0	0	0	0
0.027032	0	0	0	0	0	0
0.035645	0	0	0	0	0	0
0.049643	0	0	0	0	0	0
0.039722	0	0	0	0	0	0
0.053494	0	0	0	0	0	0
0.021561	0	0	0	0	0	0
0.044368	0	0	0	0	0	0
0.053253	0	0	0	0	0	0
0.043701	0	0	0	0	0	0
0.037571	0	0	0	0	0	0
0.036014	0	0	0	0	0	0
0.012709	0	0	0	0	0	0
0.012517	0	0	0	0	0	0
0.00662	0	0	0	0	0	0
0.009643	0	0	0	0	0	0
0.007781	0	0	0	0	0	0
0.016291	0	0	0	0	0	0
0.011099	0	0	0	0	0	0
0.032917	0	0	0	0	0	0
0.016504	0	0	0	0	0	0
0.012016	0	0	0	0	0	0
0.006769	0	0	0	0	0	0
0.036089	0	0	0	0	0	0
0.015707	0	0	0	0	0	0

0.011299	0	0	0	0	0	0
0.017491	0	0	0	0	0	0
0.016798	0	0	0	0	0	0
0.025174	0	0	0	0	0	0
0.068551	0	0	0	0	0	0
0.020005	0	0	0	0	0	0
0.20678	0	0	0	0	0	0
0.057938	0	0	0	0	0	0
0.171574	0	0	0	0	0	0
0.152919	0	0	0	0	0	0
0.055192	0	0	0	0	0	0
0.055827	0	0	0	0	0	0
0.006472	0	0	0	0	0	0
0.023573	0	0	0	0	0	0
0.038407	0	0	0	0	0	0
0.005628	0	0	0	0	0	0
0.043107	0	0	0	0	0	0
0.013999	0	0	0	0	0	0
0.004001	0	0	0	0	0	0
0.002366	0	0	0	0	0	0
0.004415	0	0	0	0	0	0
0.003173	0	0	0	0	0	0
0.002444	0	0	0	0	0	0
0.001599	0	0	0	0	0	0
0.002006	0	0	0	0	0	0
0.038177	0	0	0	0	0	0
0.019912	0	0	0	0	0	0
0.014493	0	0	0	0	0	0
0.021553	0	0	0	0	0	0
0.034071	0	0	0	0	0	0
0.01844	0	0	0	0	0	0
0.032955	0	0	0	0	0	0
0.029542	0	0	0	0	0	0
0.049142	0	0	0	0	0	0
0.051313	0	0	0	0	0	0
0.020863	0	0	0	0	0	0
0.026771	0	0	0	0	0	0
0.043478	0	0	0	0	0	0
0.007909	0	0	0	0	0	0
0.009712	0	0	0	0	0	0
0.004954	0	0	0	0	0	0
0.034736	0	0	0	0	0	0
0.015863	0	0	0	0	0	0
0.008632	0	0	0	0	0	0
0.009724	0	0	0	0	0	0
0.03027	0.02	0	0	0	0	0
0.023375	0	0	0	0	0	0
0.04029	0	0	0	0	0	0
0.042554	0	0	0	0	0	0
0.109804	0	0	0	0	0	0

0.029213	0	0	0	0	0	0
0.031774	0	0	0	0	0	0
0.025191	0	0	0	0	6	6
0.214908	0	6	0	0	0	6
0.141124	0	0	0	0	0	0
0.046673	0	0	0	0	0	0
0.014134	0	0	0	0	0	0
0.02426	0	0	0	0	0	0
0.086173	0	0	0	0	0	0
0.061339	0	0	0	0	0	0
0.073277	0	0	0	0	0	0
0.020867	0	0	0	0	0	0
0.024779	0	0	0	0	0	0
0.015552	0	0	0	0	0	0
0.024506	0	0	0	0	0	0
0.02762	0	0	0	0	0	0
0.129038	0	0	0	0	0	0
0.025634	0	0	0	0	0	0
0.017176	0	0	0	0	0	0
0.048768	0	0	0	0	0	0
0.042522	0	0	0	0	0	0
0.055344	0	0	0	0	0	0
0.036986	0	0	0	0	0	0
0.038666	0	0	0	0	0	0
0.022277	0	0	0	0	0	0
0.046556	0	0	0	0	0	0
0.036432	0	0	0	0	0	0
0.279273	0	0	0	0	0	0
0.02608	0	0	0	0	0	0
0.008448	0	0	0	0	0	0
0.012162	0	0	0	0	0	0
0.006764	0	0	0	0	0	0
0.182776	0	0	0	0	0	0
0.09251	0	0	0	0	0	0
0.104978	0	0	0	0	0	0
0.08415	0.14	0	0	0	0	0
0.081871	0	0	0	0	0	0
0.004761	0	0	0	0	0	0
0.024915	0	0	0	0	0	0
0.021326	0	0	0	0	0	0
0.029706	0	0	0	0	0	0
0.002273	0	0	0	0	0	0
0.078532	0	0	0	0	0	0
0.062743	0	0	0	0	0	0
0.063492	0	0	0	0	0	0
0.041748	0	5	0	0	0	5
0.033937	0	0	0	0	0	0
0.407214	0	0	0	2	0	2
0.092603	0	0	0	0	0	0
0.053805	0	0	0	0	0	0

0.046191	0	0	0	0	0	0
0.054038	0	0	0	0	0	0
0.032361	0	0	0	0	0	0
0.032071	0	0	0	0	0	0
0.05708	0	0	0	0	0	0
0.024378	0	0	0	0	0	0
0.046965	0	0	0	0	0	0
0.05014	0	0	0	0	5	5
0.353542	0.08	5	0	0	0	5
0.038079	0	0	0	0	0	0
0.031448	0	0	0	0	0	0
0.044234	0	0	0	0	0	0
0.030829	0	0	0	0	0	0
0.253459	0	9	0	3	1	13
0.090903	0	1	0	0	0	1
0.057377	0	0	0	2	9	11
0.090395	0	9	0	0	0	9
0.020606	0	0	0	0	0	0
0.066004	0	0	0	0	0	0
0.017406	0	0	0	0	0	0
0.024627	0	0	0	0	0	0
0.017778	0	0	0	0	0	0
0.020993	0	0	0	0	9	9
0.013464	0	9	0	0	3	12
0.007863	0	8	0	0	0	8
0.012484	0	0	0	0	0	0
0.035799	0	0	0	0	0	0
0.032566	0	0	0	0	0	0
0.008801	0	0	0	0	7	7
0.011697	0	7	0	0	2	9
0.017018	0	2	0	0	0	2
0.010525	0	0	0	0	0	0
0.008204	0	0	0	0	0	0
0.007395	0	0	0	0	0	0
0.0164	0	0	0	2	0	2
0.007239	0	0	0	0	0	0
0.04843	0	0	0	0	0	0
0.051555	0	0	0	0	0	0
0.045467	0	0	0	0	0	0
0.031343	0	0	0	0	0	0
0.074846	0	0	0	0	0	0
0.015358	0	0	0	0	0	0
0.020735	0	0	0	0	0	0
0.064869	0	0	0	0	0	0
0.368862	0.12	0	0	0	0	0
0.049734	0	0	0	0	0	0
0.051639	0	0	0	0	0	0
0.058819	0	0	0	0	0	0
0.054973	0	0	0	0	0	0
0.06214	0	0	0	0	0	0

0.036948	0	0	0	0	0	0
0.064577	0	0	0	0	1	1
0.057821	0	1	0	0	0	1
0.05306	0	0	0	0	0	0
0.046191	0	0	0	0	0	0
0.093812	0	0	0	0	0	0
0.040417	0	0	0	0	0	0
0.043763	0	0	0	0	0	0
0.059794	0	0	0	0	0	0
0.065325	0	0	0	0	0	0
0.033604	0	0	0	0	0	0
0.044151	0	0	0	0	0	0
0.042691	0	0	0	0	0	0
0.044066	0	0	0	0	0	0
0.039146	0	0	0	0	0	0
0.050455	0	0	0	0	0	0
0.075806	0	0	0	0	0	0
0.041465	0	0	0	0	0	0
0.062554	0	0	0	0	0	0
0.06553	0	0	0	0	0	0
0.041861	0	0	0	0	0	0
0.04544	0	0	0	0	0	0
0.037168	0	0	0	0	0	0
0.025343	0	0	0	0	0	0
0.02332	0	0	0	0	0	0
0.02352	0	0	0	0	0	0
0.014797	0	0	0	0	0	0
0.015765	0	0	0	0	0	0
0.01972	0	0	0	0	0	0
0.015884	0	0	0	0	0	0
0.010644	0	0	0	0	0	0
0.01598	0	0	0	0	0	0
0.057413	0	0	0	0	0	0
0.016343	0	0	0	0	0	0
0.014762	0	0	0	0	0	0
0.042286	0	0	0	0	0	0
0.028661	0	0	0	0	0	0
0.016499	0	0	0	0	0	0
0.022575	0	0	0	0	0	0
0.054615	0	0	0	0	0	0
0.068528	0	0	0	0	0	0
0.057942	0	0	0	0	0	0
0.063008	0	0	0	0	0	0
0.051406	0	0	0	0	0	0
0.044559	0	0	0	0	0	0
0.060166	0	0	0	0	0	0
0.066685	0	0	0	0	0	0
0.071647	0	0	0	0	0	0
0.057926	0	0	0	0	0	0
0.048207	0	0	0	0	0	0



0.067657	0	0	0	0	0	0
0.062455	0	0	0	0	0	0
0.07375	0	0	0	0	0	0
0.057696	0	0	0	0	0	0
0.144552	0	0	0	0	0	0
0.084297	0	0	0	0	0	0
0.05339	0	0	0	0	0	0
0.063661	0	0	0	0	0	0
0.0419	0	0	0	0	0	0
0.04614	0	0	0	0	0	0
0.028781	0	0	0	0	0	0
0.034745	0	0	0	0	0	0
0.043427	0	0	0	0	0	0
0.07884	0	0	0	0	0	0
0.026883	0	0	0	0	0	0
0.031097	0	0	0	0	0	0
0.044238	0	0	0	0	0	0
0.028615	0	0	0	0	0	0
0.049535	0	0	0	0	0	0
0.035783	0	0	0	0	0	0
0.089214	0	0	0	0	0	0
0.051658	0	0	0	0	0	0
0.048701	0	0	0	0	0	0
0.02556	0	0	0	0	0	0
0.033964	0	0	0	0	0	0
0.026277	0	0	0	0	0	0
0.018721	0	0	0	0	0	0
0.044844	0	0	0	0	0	0
0.0201	0	0	0	0	0	0
0.02785	0	0	0	0	0	0
0.021005	0	0	0	0	0	0
0.042244	0	0	0	0	0	0
0.015041	0	0	0	0	0	0
0.01415	0	0	0	0	0	0
0.022235	0	0	0	0	0	0
0.012256	0	0	0	0	0	0
0.010127	0	0	0	0	0	0
0.041645	0	0	0	0	0	0
0.046782	0	0	0	0	0	0
0.046352	0	0	0	0	0	0
0.591683	0.2	0	0	0	2	2
0.050846	0	0	0	0	0	0
0.144885	0	0	0	0	0	0
0.078047	0	0	0	0	0	0
0.054314	0	0	0	0	0	0
0.069158	0	0	0	0	0	0
0.108988	0	0	0	0	0	0
0.063264	0	0	0	0	0	0
0.071273	0	0	0	0	0	0
0.031059	0	0	0	0	0	0

0.060021	0	0	0	0	0	0
0.040307	0	0	0	0	0	0
0.05481	0	0	0	0	0	0
0.061936	0	0	0	0	0	0
0.039589	0	0	0	0	0	0
0.036992	0	0	0	0	0	0
0.399698	0	0	0	0	0	0
0.128222	0	0	0	0	0	0
0.036998	0	0	0	0	0	0
0.05818	0	0	0	0	0	0
0.051294	0	0	0	0	0	0
0.056179	0	0	0	0	0	0
0.15197	0	0	0	0	0	0
0.098214	0	0	0	0	0	0
0.077584	0	0	0	0	0	0
0.068107	0	0	0	0	0	0
0.045192	0	0	0	0	0	0
0.034948	0	0	0	0	0	0
0.017306	0	0	0	0	0	0
0.021874	0	0	0	0	0	0
0.058862	0	0	0	0	0	0
0.586877	0.4	0	0	0	0	0
0.007902	0	0	0	0	0	0
0.011471	0	0	0	0	0	0
0.012877	0	0	0	0	0	0
0.009634	0	0	0	0	0	0
0.014519	0	0	0	0	0	0
0.025195	0	0	0	0	0	0
0.019778	0	0	0	0	0	0
0.037896	0	0	0	0	0	0
0.019263	0	0	0	0	0	0
0.01293	0	0	0	0	0	0
0.01645	0	0	0	0	0	0
0.032151	0	0	0	0	0	0
0.020043	0	0	0	0	0	0
0.014652	0	0	0	0	0	0
0.01588	0	0	0	0	0	0
0.004111	0	0	0	0	0	0
0.017486	0	0	0	0	0	0
0.002408	0	0	0	0	0	0
0.002968	0	0	0	0	0	0
0.003709	0	0	0	0	0	0
0.00488	0	0	0	0	0	0
0.036355	0	0	0	0	0	0
0.072782	0	0	0	0	0	0
0.004917	0	0	0	0	0	0
0.001882	0	0	0	0	0	0
0.007107	0	0	0	0	0	0
0.006171	0	0	0	0	0	0
0.015834	0	0	0	0	0	0

0.03578	0	0	1	0	0	1
0.016651	0	0	0	0	0	0
0.008231	0	0	0	0	0	0
0.00841	0	0	0	0	0	0
0.015018	0	0	0	0	0	0
0.007068	0	0	0	0	0	0
0.00461	0	0	0	0	0	0
0.005668	0	0	0	0	0	0
0.028843	0	0	0	0	0	0
0.030969	0	0	0	0	0	0
0.023178	0	0	0	0	0	0
0.049931	0	0	0	0	0	0
0.043329	0	0	0	0	0	0
0.024119	0	0	0	0	0	0
0.041685	0	0	0	0	0	0
0.060091	0	0	0	0	0	0
0.029759	0	0	0	0	0	0
0.05289	0	0	0	0	0	0
0.031177	0	0	0	0	0	0
0.040514	0	0	0	0	0	0
0.063224	0	0	0	0	0	0
0.040546	0	0	0	0	0	0
0.065265	0	0	0	0	0	0
0.034709	0	0	0	0	0	0
0.15323	0	0	0	0	0	0
0.204571	0	0	0	0	0	0
0.038228	0	0	0	0	0	0
0.046849	0	0	0	0	0	0
0.082516	0	0	0	0	0	0
0.043268	0	0	0	0	0	0
0.038078	0	0	0	0	0	0
0.038486	0	0	0	0	0	0
0.027736	0	0	0	0	0	0
0.017249	0	0	0	0	0	0
0.032839	0	0	0	0	0	0
0.0239	0	0	0	0	0	0
0.022027	0	0	0	0	0	0
0.017493	0	0	0	0	0	0
0.047538	0	0	0	0	0	0
0.014818	0	0	0	0	0	0
0.01237	0	0	0	0	0	0
0.048901	0	0	2	9	0	11
0.039455	0	0	0	0	0	0
0.032556	0	0	0	0	0	0
0.026309	0	0	0	0	0	0
0.038919	0	0	0	0	0	0
0.024707	0	0	0	0	0	0
0.928852	0.01	0	0	0	0	0
0.055103	0	0	0	0	0	0
0.058842	0	0	0	0	0	0

0.108038	0	0	0	0	0	0
0.046991	0	0	0	0	0	0
0.040497	0	0	0	0	0	0
0.036573	0	0	0	0	0	0
0.041797	0	0	0	0	0	0
0.03201	0	0	0	0	0	0
0.038031	0	0	0	0	0	0
0.024969	0	0	0	0	0	0
0.047978	0	0	0	0	0	0
0.060077	0	0	0	0	0	0
0.052053	0	0	0	0	0	0
0.058595	0	0	0	0	0	0
0.002541	0	0	0	0	0	0
0.001114	0	0	0	0	0	0
0.002053	0	0	0	0	0	0
0.007298	0	0	0	0	0	0
0.030738	0	0	0	0	0	0
0.007656	0	0	0	0	0	0
0.008003	0.01	0	0	0	0	0
0.000888	0	0	0	0	0	0
0.000618	0	0	0	0	0	0
0.004526	0	0	0	0	0	0
0.000536	0	0	0	0	0	0
0.00325	0	0	0	0	0	0
0.000706	0	0	0	0	0	0
0.001927	0	0	0	0	0	0
0.022792	0	0	0	0	0	0
0.020256	0	0	0	0	0	0
0.057956	0	0	0	0	0	0
0.034669	0	0	0	0	0	0
0.043613	0	0	0	0	0	0
0.039109	0	0	0	0	0	0
0.029889	0	0	0	0	0	0
0.021952	0	0	0	0	0	0
0.008085	0	0	0	0	0	0
0.013564	0	0	0	0	0	0
0.01719	0	0	0	0	0	0
0.044001	0	0	0	0	0	0
0.006133	0	0	0	0	0	0
0.006934	0	0	0	0	0	0
0.00727	0	0	0	0	0	0
0.16486	0	0	0	0	0	0
0.025974	0	0	0	0	0	0
0.025726	0	0	0	0	0	0
0.011033	0	0	0	0	0	0
0.017594	0	0	0	0	0	0
0.041224	0	0	0	0	0	0
0.027827	0	0	0	0	0	0
0.001675	0	0	2	0	0	2
0.004873	0	0	0	0	0	0

0.00759	0	0	0	0	0	0
0.102625	0	0	0	0	0	0
0.02703	0	0	0	0	0	0
0.008316	0	0	0	0	0	0
0.020425	0	0	0	0	0	0
0.028031	0	0	0	0	0	0
0.039295	0	0	0	0	0	0
0.008468	0.01	0	0	0	0	0
0.019604	0	0	0	0	0	0
0.025765	0	0	0	0	0	0
0.007359	0	0	0	0	0	0
0.029298	0	0	0	0	0	0
0.135191	0	0	0	0	0	0
0.080186	0	0	0	0	0	0
0.036771	0	0	0	0	0	0
0.021676	0	0	0	0	0	0
0.025596	0	0	0	0	0	0
0.097561	0	0	0	0	0	0
0.328737	0	0	0	0	0	0
0.055589	0	0	0	0	0	0
0.002643	0	0	0	0	0	0
0.02415	0	0	0	0	0	0
0.07739	0	0	0	0	0	0
0.085811	0	0	0	0	0	0
0.033871	0	0	0	0	0	0
0.010977	0	0	0	0	0	0
0.006085	0	0	0	0	0	0
0.11708	0	0	0	0	0	0
0.031915	0	0	0	0	0	0
0.009101	0	8	0	1	0	9
0.013152	0	0	0	0	0	0
0.006878	0	0	0	0	0	0
0.004785	0	0	0	0	0	0
0.004308	0	0	0	0	0	0
0.004535	0	0	0	0	0	0
0.00485	0	0	0	0	0	0
0.00303	0	0	0	0	4	4
0.006703	0	4	0	0	0	4
0.002486	0	0	0	0	0	0
0.002896	0	0	0	0	0	0
0.003389	0	0	0	0	0	0
0.002203	0	0	0	0	0	0
0.003383	0	0	0	0	0	0
0.002832	0	0	0	0	0	0
0.004716	0	0	0	0	0	0
0.003187	0	0	0	0	0	0
0.00277	0	0	0	0	0	0
0.006861	0	0	0	0	0	0
0.001923	0	0	0	0	0	0
0.016374	0	0	0	3	0	3

0.018817	0	0	0	0	0	0
0.010334	0	0	0	0	0	0
0.010281	0	0	0	0	0	0
0.011607	0	0	0	0	0	0
0.006793	0	0	0	0	0	0
0.015851	0	0	0	0	0	0
0.005807	0	0	0	0	0	0
0.008083	0	0	0	0	0	0
0.04543	0	0	0	0	0	0
0.029113	0	0	0	0	0	0
0.12086	0	0	0	0	0	0
0.032027	0	0	0	0	0	0
0.053768	0	0	0	0	0	0
0.021429	0	0	0	0	0	0
0.012138	0	0	0	0	0	0
0.022102	0	0	0	0	0	0
0.016911	0	0	0	0	0	0
0.022739	0	0	0	0	0	0
0.013578	0	0	0	0	0	0
0.009627	0	0	0	0	0	0
0.033184	0	0	0	0	0	0
0.019975	0	0	0	0	0	0
0.048666	0	0	0	0	0	0
0.042307	0	0	0	0	0	0
0.073517	0	0	0	0	0	0
0.034044	0	0	0	0	0	0
0.051402	0	0	0	0	0	0
0.046419	0	0	0	0	0	0
0.050771	0	0	0	0	0	0
0.090559	0	0	0	0	0	0
0.087037	0	0	0	0	0	0
0.032523	0	0	0	0	0	0
0.063245	0	0	0	0	0	0
0.049166	0	0	0	0	0	0
0.312057	0	0	0	0	0	0
0.335835	0	0	0	0	0	0
0.086587	0	0	0	0	0	0
0.081465	0	0	0	0	0	0
0.091162	0	0	0	0	0	0
0.220065	0	0	0	0	0	0
0.007663	0	0	0	0	0	0
0.002009	0	0	0	0	0	0
0.006815	0	0	0	0	0	0
0.066576	0	0	0	0	0	0
0.000958	0	0	0	0	0	0
0.000096	0	0	0	0	14	14
0.000717	0	14	0	0	0	14
0.000163	0	0	0	0	8	8
0.001003	0	8	0	0	0	8
0.029005	0	0	0	0	0	0

0.098519	0	0	0	0	0	0
0.02731	0	0	0	0	0	0
0.026783	0	0	0	0	0	0
0.047623	0	0	0	0	0	0
0.021636	0	0	0	0	0	0
0.01147	0	0	0	0	0	0
0.015415	0	0	0	0	0	0
0.03541	0	0	0	0	0	0
0.055396	0	0	0	0	0	0
0.02218	0	0	0	0	0	0
0.075798	0	0	0	0	0	0
0.006986	0	0	0	0	0	0
0.056906	0	0	0	0	0	0
0.043186	0	0	0	0	0	0
0.045099	0	0	0	0	0	0
0.051863	0	0	0	0	0	0
0.041656	0	0	0	0	0	0
0.053095	0	0	0	0	0	0
0.033241	0	0	0	0	0	0
0.02185	0	0	0	0	0	0
0.020899	0	0	0	0	0	0
0.011376	0	0	0	0	0	0
0.087274	0	0	0	0	0	0
0.06508	0	0	0	0	0	0
0.025356	0	0	0	0	0	0
0.067555	0	0	0	0	0	0
0.065681	0	0	0	0	0	0
0.055949	0	0	0	0	0	0
0.034493	0	0	0	0	0	0
0.128367	0	0	0	0	0	0
0.033051	0	0	0	0	0	0
0.069425	0	0	0	0	0	0
0.047105	0	0	0	0	0	0
0.054771	0	0	0	0	0	0
0.026352	0	0	0	0	0	0
0.048798	0	0	0	0	0	0
0.015571	0	0	0	0	0	0
0.017741	0	0	0	0	0	0
0.015464	0	0	0	0	0	0
0.053662	0	0	0	0	0	0
0.044227	0	0	0	0	0	0
0.053087	0	0	0	0	0	0
0.051485	0	0	0	0	0	0
0.034604	0	0	0	0	0	0
0.042458	0	0	0	0	0	0
0.045176	0	0	0	0	0	0
0.103356	0	0	0	0	0	0
0.02689	0	0	0	0	0	0
0.029107	0	0	0	0	0	0
0.027725	0	0	0	0	0	0

0.013466	0	0	0	0	0	0
0.019494	0	0	0	0	0	0
0.019821	0	0	0	0	0	0
0.022118	0	0	0	0	0	0
0.02333	0	0	0	0	0	0
0.041311	0	0	0	0	0	0
0.240054	0	0	0	0	0	0
0.054475	0	0	0	0	0	0
0.174265	0	0	0	0	0	0
0.006995	0	0	0	0	0	0
0.009269	0	0	0	0	0	0
0.040659	0	0	0	0	0	0
0.025102	0	0	0	0	0	0
0.096352	0	0	0	0	0	0
0.034197	0	0	0	0	0	0
0.07076	0	0	0	0	0	0
0.050849	0	0	0	0	0	0
0.035139	0	0	0	0	0	0
0.022025	0	0	0	5	0	5
0.023244	0	0	0	0	0	0
0.085849	0	0	0	0	0	0
0.023577	0	0	0	0	0	0
0.015002	0	0	0	0	0	0
0.114854	0	0	0	0	0	0
0.06338	0	0	0	0	0	0
0.04887	0	0	0	0	0	0
0.039053	0	0	0	0	0	0
0.079061	0	0	0	0	0	0
0.048811	0	0	0	0	0	0
0.033689	0	0	0	0	0	0
0.037807	0	0	0	0	0	0
0.076162	0	0	0	0	0	0
0.26389	0.07	0	0	0	0	0
0.504804	0.27	0	0	0	0	0
0.181349	0.04	0	0	0	0	0
0.018308	0	0	0	0	0	0
0.125509	0	0	0	0	0	0
0.02263	0	0	0	0	0	0
0.025842	0	0	0	0	0	0
0.058032	0	0	0	0	0	0
0.084389	0	0	0	0	0	0
0.133707	0	0	0	0	0	0
0.053984	0	0	0	0	0	0
0.300881	0.06	0	0	0	0	0
0.009186	0	0	0	0	0	0
0.054073	0	0	0	0	0	0
0.031417	0	0	0	0	0	0
0.057497	0	0	0	0	0	0
0.041559	0	0	0	0	0	0
0.01876	0	0	0	0	0	0



0.798601	0	0	0	0	0	0
0.028524	0	0	0	0	0	0
0.036216	0	0	0	0	0	0
0.02308	0	0	0	0	0	0
0.027605	0	0	0	0	0	0
0.014277	0	0	0	0	0	0
0.011918	0	0	0	0	0	0
0.023965	0	0	0	0	0	0
0.02508	0	0	0	0	0	0
0.264426	0.09	0	0	0	0	0
0.027314	0	0	0	0	0	0
0.050573	0	0	0	0	0	0
0.217361	0.01	0	0	0	0	0
0.150948	0.01	0	0	0	8	8
0.05846	0	8	0	0	0	8
0.012404	0	0	0	0	0	0
0.201106	0	0	0	0	0	0
0.044846	0	0	0	0	0	0
0.175019	0	0	0	0	0	0
0.107299	0	0	0	0	0	0
0.015508	0	0	0	0	0	0
0.010661	0.01	0	0	0	0	0
0.027852	0	0	0	0	0	0
0.058598	0	0	0	0	0	0
0.030339	0	0	0	0	0	0
0.107713	0	0	0	0	0	0
0.061321	0	0	0	0	0	0
0.050136	0	0	0	0	0	0
0.060526	0	0	0	0	0	0
0.082508	0	0	0	0	0	0
0.055816	0	0	0	0	0	0
0.039153	0	0	0	0	0	0
0.069743	0	0	0	0	0	0
0.051459	0	0	0	0	0	0
0.041948	0	0	0	0	0	0
0.032584	0	0	0	0	0	0
0.148316	0.02	0	0	0	0	0
0.041405	0	0	0	0	0	0
0.032824	0	0	0	0	0	0
0.030384	0	0	0	0	5	5
0.046255	0	5	0	0	0	5
0.038711	0	0	0	0	0	0
0.042826	0	0	0	0	0	0
0.026538	0	0	0	0	0	0
0.025058	0	0	0	0	0	0
0.019267	0	0	0	0	0	0
0.02645	0	0	0	0	0	0
0.015559	0	0	0	0	1	1
0.022293	0	1	0	0	0	1
0.01231	0	0	0	0	1	1

0.047359	0	1	0	0	6	7
0.069645	0.01	6	0	0	0	6
0.069046	0	0	0	0	0	0
0.066407	0	0	0	0	9	9
0.278945	0	9	5	0	0	14
0.008357	0	0	0	0	0	0
0.008729	0	0	0	0	6	6
0.013251	0	6	0	0	3	9
0.003992	0	3	0	0	0	3
0.006452	0	0	0	0	0	0
0.008222	0	0	0	0	0	0
0.070694	0	0	0	0	0	0
0.009739	0	0	0	0	0	0
0.057966	0	0	0	0	0	0
0.093905	0	0	0	0	0	0
0.055432	0	0	0	0	0	0
0.471138	0.13	0	0	0	0	0
0.536534	0.13	0	0	0	0	0
0.321131	0	0	1	0	0	1
0.573185	0.16	0	0	0	0	0
0.797508	0	0	0	0	0	0
0.802523	0	0	0	0	0	0
0.731011	0.1	0	0	0	0	0
0.058888	0	0	0	0	0	0
0.058835	0	0	0	0	0	0
0.058534	0	0	0	0	0	0
0.045683	0	0	0	0	0	0
0.05095	0	0	0	0	0	0
0.058389	0	0	0	0	0	0
0.045289	0	0	0	0	0	0
0.00739	0	0	0	0	0	0
0.034725	0	0	0	0	0	0
0.012093	0	0	0	0	0	0
0.042318	0	0	0	0	0	0
0.072594	0	0	0	0	0	0
0.098851	0	0	0	0	0	0
0.053432	0	0	0	0	0	0
0.007784	0	0	0	0	0	0
0.007755	0	0	0	0	0	0
0.007235	0	0	0	0	0	0
0.022038	0	0	0	0	0	0
0.00643	0	0	0	0	0	0
0.012829	0	0	0	0	0	0
0.048577	0	0	0	0	0	0
0.006149	0	0	0	0	0	0
0.011939	0	0	0	0	0	0
0.005218	0	0	0	0	0	0
0.007818	0	0	0	0	0	0
0.005811	0	0	0	0	0	0
0.00553	0	0	0	0	0	0

0.007403	0	0	0	0	0	0
0.009999	0	0	0	0	0	0
0.274066	0	0	0	0	0	0
0.009578	0	0	0	0	0	0
0.004317	0	0	0	0	0	0
0.004107	0	0	0	0	0	0
0.003025	0	0	0	0	0	0
0.002964	0	0	0	0	0	0
0.002589	0	0	0	0	0	0
0.002235	0	0	0	0	0	0
0.162331	0	0	0	0	0	0
0.002665	0	0	0	0	0	0
0.001088	0	0	0	0	0	0
0.004095	0	0	0	0	0	0
0.001729	0	0	0	0	0	0
0.002787	0	0	0	0	0	0
0.005111	0	0	0	0	0	0
0.014027	0	0	0	0	0	0
0.004502	0	0	0	0	0	0
0.007621	0	0	0	0	0	0
0.007562	0	0	0	0	0	0
0.004822	0	0	0	0	0	0
0.006327	0	0	0	0	0	0
0.00461	0	0	0	0	0	0
0.05574	0	0	0	0	0	0
0.222137	0	3	0	0	0	3
0.208706	0	0	0	0	0	0
0.287037	0	0	0	0	0	0
0.227097	0	0	0	0	0	0
0.248089	0	0	0	0	0	0
0.166662	0	0	0	0	0	0
0.196073	0	0	0	0	0	0
0.08767	0	0	0	0	0	0
0.320795	0	0	0	0	6	6
0.393397	0	6	0	0	0	6
0.211281	0	0	0	0	0	0
0.174521	0	0	0	0	0	0
0.230484	0	0	0	0	0	0
0.039784	0	0	0	0	0	0
0.015808	0	0	0	0	0	0
0.021513	0	0	0	0	0	0
0.021463	0	0	0	0	0	0
0.02636	0	0	0	0	0	0
0.027835	0	0	0	0	0	0
0.045764	0	0	0	0	0	0
0.024034	0	0	0	0	0	0
0.018653	0	0	0	0	0	0
0.015321	0	0	0	0	0	0
0.024149	0	0	0	0	0	0
0.027567	0	0	0	0	0	0

0.020721	0	0	0	0	0	0
0.018463	0	0	0	0	0	0
0.020484	0	0	0	0	0	0
0.009197	0	0	0	0	0	0
0.000463	0	0	0	0	0	0
0.002522	0	0	0	0	0	0
0.002498	0	0	0	0	0	0
0.001451	0	0	0	0	0	0
0.001093	0	0	0	0	0	0
0.001779	0	0	0	0	4	4
0.00777	0.03	0	0	0	4	4
0.004909	0	4	0	0	0	4
0.002073	0	0	0	0	0	0
0.002391	0	0	3	0	0	3
0.000574	0	0	0	0	0	0
0.001816	0	0	0	0	0	0
0.000547	0	0	0	0	0	0
0.066888	0	0	0	0	0	0
0.083862	0	0	0	0	0	0
0.041139	0	0	0	0	0	0
0.063232	0	0	0	0	0	0
0.041122	0	0	0	0	0	0
0.035318	0	0	0	0	0	0
0.037052	0	0	0	0	0	0
0.03752	0	0	0	0	0	0
0.044591	0	0	0	0	0	0
0.020857	0.02	0	1	0	1	2
0.044886	0	0	0	0	0	0
0.027235	0	0	0	0	0	0
0.022955	0	0	0	0	0	0
0.016941	0.02	1	0	0	0	1
0.018354	0.02	0	0	0	0	0
0.023365	0	0	0	0	0	0
0.026316	0	0	0	0	0	0
0.019826	0	0	0	0	0	0
0.023697	0	0	0	0	0	0
0.025218	0	0	0	0	0	0
0.026481	0	0	0	0	0	0
0.011691	0	0	0	0	0	0
0.019099	0	0	0	0	0	0
0.014112	0	0	0	0	0	0
0.017759	0	0	0	0	0	0
0.011297	0	0	0	0	0	0
0.040389	0	0	0	0	0	0
0.014195	0	0	0	0	0	0
0.011031	0	0	0	0	0	0
0.046269	0	0	0	0	0	0
0.017047	0	0	0	0	0	0
0.013835	0	0	0	0	0	0
0.0104	0	0	0	0	0	0

0.011066	0	0	0	0	0	0
0.022362	0	0	0	0	0	0
0.070001	0	0	0	0	0	0
0.024523	0	0	0	0	0	0
0.172287	0	0	0	0	0	0
0.07805	0	0	0	0	0	0
0.255238	0	0	0	0	0	0
0.36013	0	0	0	0	0	0
0.040976	0	0	0	0	0	0
0.297552	0	0	0	0	0	0
0.212241	0	0	0	0	0	0
0.115032	0	0	0	0	0	0
0.0001	0	0	0	0	0	0
0.000406	0	0	0	0	0	0
0.000295	0	0	0	0	0	0
0.000616	0	0	0	0	0	0
0.00038	0	0	0	0	0	0
0.000233	0	0	0	0	0	0
0.000473	0	0	0	0	0	0
0.000398	0	0	0	0	0	0
0.001602	0	0	0	0	0	0
0.000115	0	0	0	0	0	0
0.001542	0	0	0	0	0	0
0.001471	0	0	0	0	0	0
0.001183	0	0	0	0	0	0
0.000363	0	0	0	0	0	0
0.003044	0	0	0	0	0	0
0.001802	0	0	0	0	0	0
0.000236	0	0	0	0	0	0
0.006914	0	0	0	0	0	0
0.001488	0	0	0	0	0	0
0.00415	0	0	0	0	0	0
0.000006	0	0	0	0	0	0
0.00003	0	0	0	0	0	0
0.000218	0	0	0	0	0	0
0.026971	0	0	0	0	0	0
0.100441	0	0	0	0	0	0
0.030887	0	0	0	0	0	0
0.003587	0.01	0	0	0	0	0
0.000238	0	0	0	0	0	0
0.000306	0	0	0	0	0	0
0.000131	0	0	0	0	0	0
0.002827	0	0	0	0	0	0
0.001184	0	0	0	0	0	0
0.002359	0	0	0	0	0	0
0.029623	0	0	0	0	0	0
0.000418	0	0	0	0	0	0
0.000278	0	0	0	0	0	0
0.000116	0	0	0	0	0	0
0.000473	0	0	0	0	0	0

0.000289	0	0	0	0	0	0
0.000411	0	0	0	0	0	0
0.000209	0	0	0	0	0	0
0.000172	0	0	0	0	0	0
0.000238	0	0	0	0	0	0
0.000189	0	0	0	0	0	0
0.000272	0	0	0	0	0	0
0.000439	0	0	0	0	0	0
0.000282	0	0	0	0	0	0
0.000314	0	0	0	0	0	0
0.008806	0.02	0	0	0	0	0
0.077637	0	0	0	0	0	0
0.003338	0	0	0	0	0	0
0.009256	0	0	0	0	0	0
0.005605	0	0	0	0	0	0
0.002604	0	0	0	0	0	0
0.00187	0	0	0	0	0	0
0.005153	0	0	0	0	0	0
0.029203	0	0	0	0	0	0
0.027446	0	0	0	0	0	0
0.005631	0	0	0	0	0	0
0.001304	0	0	0	0	0	0
0.168128	0	0	0	0	0	0
0.004055	0	0	0	0	1	1
0.000646	0	0	0	0	0	0
0.000833	0	0	0	0	0	0
0.000833	0	0	0	0	0	0
0.000022	0	0	0	0	0	0
0.0025	0	0	0	0	0	0
0.000867	0	0	0	0	0	0
0.001149	0	0	0	0	0	0
0.000365	0	0	0	0	0	0
0.001437	0	0	0	0	0	0
0.000144	0	0	0	0	0	0
0.000319	0	0	0	0	0	0
0.000114	0	0	0	0	0	0
0.000419	0	0	0	0	0	0
0.000352	0	0	0	0	0	0
0.001332	0	0	0	0	0	0
0.000354	0	0	0	0	0	0
0.000485	0	0	0	0	0	0
0.000632	0	0	0	0	0	0
0.002423	0	0	0	0	0	0
0.000404	0	0	0	0	0	0
0.000194	0	0	0	0	0	0
0.00023	0	0	0	0	0	0
0.000488	0	0	0	0	0	0
0.000311	0	0	0	0	0	0
0.000232	0	0	0	0	0	0
0.00119	0	0	1	0	0	1

0.000599	0	0	0	0	0	0
0.000576	0	0	0	0	0	0
0.008536	0	0	0	0	0	0
0.009613	0	0	0	0	0	0
0.003355	0	0	0	0	4	4
0.000594	0	4	0	0	0	4
0.00042	0	0	0	0	0	0
0.000563	0	0	0	0	0	0
0.002265	0	0	0	0	0	0
0.003665	0	0	0	0	0	0
0.001063	0	0	0	0	0	0
0.001153	0	0	0	0	0	0
0.001163	0	0	0	0	0	0
0.000771	0	0	0	0	0	0
0.001068	0	0	0	0	0	0
0.001082	0	0	0	0	0	0
0.000764	0	0	0	0	0	0
0.001208	0	0	0	0	0	0
0.000398	0	0	0	0	0	0
0.000265	0	0	0	0	0	0
0.000124	0	0	0	0	0	0
0.000917	0	0	0	0	0	0
0.001042	0	0	0	0	0	0
0.000142	0	0	0	0	0	0
0.000332	0	0	0	0	0	0
0.000314	0	0	0	0	0	0
0.000341	0	0	0	0	0	0
0.005724	0	0	0	0	0	0
0.007077	0	0	0	0	0	0
0.000713	0	0	0	0	0	0
0.000243	0	0	0	0	0	0
0.000201	0	0	0	0	0	0
0.000157	0	0	0	0	0	0
0.000161	0	0	0	0	0	0
0.001031	0	0	0	0	0	0
0.001251	0	0	0	0	0	0
0.002948	0	0	0	0	0	0
0.004691	0	0	0	0	0	0
0.001723	0	0	0	0	0	0
0.001387	0	0	0	0	0	0
0.001229	0	0	0	0	0	0
0.003369	0	0	0	0	0	0
0.007272	0	0	0	2	0	2
0.005438	0	0	0	0	0	0
0.000674	0	0	0	0	0	0
0.000569	0	0	0	0	0	0
0.001386	0	0	0	0	0	0
0.003176	0	0	0	0	0	0
0.000706	0	0	0	0	0	0
0.002242	0	0	0	0	0	0

0.004	0	0	0	0	0	0
0.002435	0	0	0	0	0	0
0.001421	0	0	0	0	0	0
0.001497	0	0	0	0	0	0
0.001275	0	0	0	0	0	0
0.002596	0	0	0	0	0	0
0.002551	0	0	0	0	0	0
0.000734	0	0	0	0	0	0
0.000211	0	0	0	0	0	0
0.000302	0	0	0	0	0	0
0.000111	0	0	0	0	0	0
0.000359	0	0	0	0	0	0
0.000255	0	0	0	0	0	0
0.000362	0	0	0	0	0	0
0.000134	0	0	0	0	0	0
0.000434	0	0	0	0	0	0
0.066869	0	0	0	0	0	0
0.055447	0	0	0	0	0	0
0.008098	0	0	0	0	0	0
0.021824	0	0	0	0	0	0
0.009716	0	0	0	0	0	0
0.011909	0	0	0	0	0	0
0.015442	0	0	0	0	0	0
0.011647	0	0	0	0	0	0
0.032433	0	0	0	0	0	0
0.012904	0	0	0	0	0	0
0.06849	0	0	0	0	0	0
0.036856	0	0	0	0	0	0
0.050233	0	0	0	0	0	0
0.009349	0	0	0	0	0	0
0.042394	0.01	0	0	0	0	0
0.024364	0	0	0	0	0	0
0.012076	0	0	0	0	0	0
0.01887	0	0	0	0	0	0
0.015054	0	0	0	0	0	0
0.007413	0	0	0	0	0	0
0.00187	0	0	0	0	0	0
0.008873	0	0	0	0	0	0
0.075009	0.01	0	0	0	0	0
0.041634	0	0	0	0	0	0
0.014116	0	0	0	0	0	0
0.014276	0	0	0	0	0	0
0.008567	0	0	0	0	0	0
0.010587	0	0	0	0	0	0
0.009027	0	0	0	0	0	0
0.017477	0	0	0	0	0	0
0.018397	0	2	1	0	0	3
0.006519	0	0	0	5	0	5
0.004045	0	0	0	0	0	0
0.005491	0	0	0	0	0	0



0.00623	0	0	1	0	4	5
0.012602	0	4	0	0	0	4
0.021004	0	0	0	0	0	0
0.009328	0	0	0	0	0	0
0.006089	0	0	0	0	0	0
0.006578	0	0	0	0	0	0
0.007883	0	0	0	0	0	0
0.01361	0	0	0	0	0	0
0.005195	0	0	0	0	0	0
0.004644	0	0	0	0	0	0
0.003528	0	0	0	0	0	0
0.003484	0	0	0	0	0	0
0.009352	0	0	0	0	0	0
0.004515	0	0	0	0	0	0
0.005738	0	0	0	0	0	0
0.007345	0	0	0	0	0	0
0.003949	0	0	0	0	0	0
0.015401	0	0	0	0	0	0
0.009532	0	0	0	0	0	0
0.010718	0	0	0	0	0	0
0.012455	0	0	0	0	0	0
0.011136	0	0	0	0	0	0
0.009883	0	0	0	0	0	0
0.00658	0	0	0	0	0	0
0.016431	0	0	0	0	0	0
0.047602	0	0	0	0	0	0
0.107248	0	0	0	0	0	0
0.037578	0	0	0	0	0	0
0.02241	0	0	0	0	0	0
0.018324	0	0	0	0	0	0
0.015683	0	0	0	0	0	0
0.01087	0	0	0	0	0	0
0.008937	0	0	0	0	0	0
0.012324	0	0	0	0	0	0
0.01615	0	0	0	0	0	0
0.016842	0	0	0	0	0	0
0.029449	0	0	0	0	0	0
0.01878	0	0	0	0	0	0
0.014219	0	0	0	0	0	0
0.009508	0	0	0	0	0	0
0.009588	0	0	0	0	0	0
0.040934	0	0	0	0	0	0
0.026055	0	0	0	0	0	0
0.025912	0	0	0	0	0	0
0.024976	0	0	0	0	0	0
0.03709	0	0	0	0	0	0
0.006813	0	0	1	0	0	1
0.000697	0	0	0	0	0	0
0.000914	0	0	0	0	0	0
0.036721	0	0	0	0	0	0

0.035307	0	0	0	0	0	0
0.040816	0	0	0	0	0	0
0.020354	0	0	0	0	0	0
0.017823	0	0	0	0	0	0
0.012454	0	0	0	0	0	0
0.187538	0	0	0	0	0	0
0.121536	0	0	0	0	0	0
0.112045	0	0	0	0	0	0
0.0899	0	0	0	0	0	0
0.064379	0	0	0	0	0	0
0.076564	0	0	0	0	0	0
0.097614	0	0	0	0	0	0
0.015903	0	0	0	0	0	0
0.454906	0	0	0	0	0	0
0.073484	0	0	0	0	0	0
0.053324	0	0	0	0	0	0
0.047344	0	0	0	0	0	0
0.034754	0	0	0	0	0	0
0.118926	0	0	0	0	0	0
0.058136	0	0	0	0	0	0
0.053094	0	0	0	0	0	0
0.037813	0	0	0	0	0	0
0.050675	0	0	0	0	0	0
0.051771	0	0	0	0	0	0
0.245363	0	0	0	0	0	0
0.054729	0	0	0	0	0	0
0.028098	0	0	0	0	0	0
0.029506	0	0	0	0	0	0
0.036347	0	0	0	0	0	0
0.038751	0	0	0	0	0	0
0.029589	0	0	0	0	0	0
0.028096	0	0	0	0	0	0
0.0251	0	0	0	0	0	0
0.047525	0	0	0	0	0	0
0.031366	0	0	0	0	0	0
0.050695	0	0	0	0	0	0
0.072606	0	0	0	0	0	0
0.044335	0	0	0	0	0	0
0.110441	0	0	0	0	0	0
0.063287	0	0	0	0	0	0
0.057721	0	0	0	0	0	0
0.053251	0	0	0	0	0	0
0.057669	0	0	0	0	0	0
0.030114	0	0	0	0	0	0
0.050378	0	0	0	0	0	0
0.020608	0	0	0	0	0	0
0.038965	0	0	0	0	0	0
0.056697	0	0	0	0	0	0
0.053662	0	0	0	0	0	0
0.039395	0	0	0	0	0	0

0.211859	0	0	0	0	0	0
0.067076	0	0	0	0	0	0
0.028049	0	0	0	0	0	0
0.027664	0	0	0	0	0	0
0.004747	0	0	0	0	0	0
0.005198	0	0	0	0	0	0
0.005829	0	0	0	0	0	0
0.006342	0	0	0	0	0	0
0.002558	0	0	0	0	0	0
0.004815	0	0	0	0	0	0
0.005223	0	0	0	0	0	0
0.00835	0	0	0	0	0	0
0.068905	0	0	0	0	0	0
0.125266	0	0	0	0	0	0
0.12435	0	0	0	0	0	0
0.130292	0	0	0	0	0	0
0.240166	0	0	0	0	0	0
0.1603	0	0	0	0	0	0
0.050955	0	0	0	0	0	0
0.543167	0	0	0	0	0	0
0.116373	0	0	0	0	0	0
0.195785	0	0	0	0	0	0
0.043511	0	0	0	0	0	0
0.005504	0	0	0	0	0	0
0.002117	0	0	0	0	0	0
0.002659	0	0	0	0	0	0
0.004969	0	0	0	0	0	0
0.002853	0	0	0	0	0	0
0.004331	0	0	0	0	0	0
0.008132	0	0	0	0	0	0
0.003247	0	0	0	0	0	0
0.031802	0	0	0	0	0	0
0.005957	0	0	0	0	0	0
0.005947	0	0	0	0	0	0
0.023949	0	0	0	0	0	0
0.006931	0	0	0	0	0	0
0.00614	0	0	0	0	0	0
0.003616	0	0	0	0	0	0
0.005737	0	0	0	0	0	0
0.006914	0	0	0	0	0	0
0.004015	0	0	0	0	0	0
0.00705	0	0	0	0	0	0
0.006942	0	0	0	0	0	0
0.089099	0	0	0	0	0	0
0.084142	0	0	0	0	0	0
0.057982	0	0	0	0	0	0
0.243383	0	0	0	0	0	0
0.128431	0	0	0	0	0	0
0.082782	0	0	0	0	0	0
0.515857	0	0	0	0	0	0

0.223375	0	0	0	0	0	0
0.076035	0	0	0	0	0	0
0.092195	0	0	0	0	0	0
0.050147	0	0	0	0	0	0
0.074419	0	0	0	0	0	0
0.002177	0	0	0	0	0	0
0.002001	0	0	0	0	0	0
0.003558	0	0	0	0	0	0
0.044515	0	0	0	0	0	0
0.015749	0	0	0	0	0	0
0.017011	0	0	0	0	0	0
0.017125	0	0	0	0	0	0
0.011827	0	0	0	0	0	0
0.008446	0	0	0	0	0	0
0.055147	0	0	0	0	0	0
0.01267	0	0	0	0	0	0
0.012095	0	0	0	0	0	0
0.014787	0	0	0	0	0	0
0.033929	0	0	0	0	0	0
0.025569	0.03	0	0	0	0	0
0.010708	0	0	0	0	0	0
0.009499	0	0	0	0	0	0
0.00652	0	0	0	0	0	0
0.045886	0	0	0	0	0	0
0.09914	0	0	0	0	0	0
0.044498	0	0	0	0	0	0
0.007267	0	0	0	0	0	0
0.024789	0	0	0	0	0	0
0.03067	0	0	0	0	0	0
0.026212	0	0	0	0	0	0
0.020951	0	0	0	0	0	0
0.0152	0	0	0	0	0	0
0.011802	0	0	0	0	0	0
0.054201	0	0	0	0	0	0
0.096072	0	0	0	0	0	0
0.057059	0	0	0	0	0	0
0.025024	0	0	0	0	0	0
0.01229	0	0	0	0	0	0
0.009844	0	0	0	0	0	0
0.010127	0	0	0	0	0	0
0.088606	0	0	0	0	0	0
0.050739	0	0	0	0	0	0
0.009862	0	0	0	0	0	0
0.003819	0	0	0	0	0	0
0.07307	0	0	0	0	0	0
0.647094	0	0	0	0	0	0
0.056458	0	0	0	0	0	0
0.049535	0	0	0	0	0	0
0.028366	0	0	0	0	0	0
0.015342	0	0	0	0	0	0

0.032033	0	0	0	0	0	0
0.036129	0	0	0	0	0	0
0.043648	0	0	0	0	0	0
0.028254	0	0	0	0	0	0
0.040315	0	0	0	0	0	0
0.05295	0	0	0	0	0	0
0.011906	0	0	0	0	0	0
0.019772	0	0	0	0	0	0
0.144731	0	0	0	0	0	0
0.016006	0	0	0	0	0	0
0.029452	0	0	0	0	0	0
0.090142	0	0	0	0	0	0
0.049503	0	0	0	0	0	0
0.025647	0	0	0	0	0	0
0.0179	0	0	0	0	0	0
0.015582	0	0	0	0	0	0
0.088542	0	0	0	0	0	0
0.070273	0.01	0	0	0	0	0
0.033152	0	0	0	0	0	0
0.023949	0	0	0	0	0	0
0.017286	0	0	0	0	0	0
0.042274	0	0	0	0	0	0
0.037564	0	0	0	0	0	0
0.024148	0	0	0	0	0	0
0.015886	0	0	0	0	0	0
0.002878	0	0	0	0	0	0
0.001584	0	0	0	0	0	0
0.034268	0.01	0	0	0	0	0
0.001426	0	0	0	0	0	0
0.031884	0.01	0	0	13	0	13
0.028053	0.02	0	0	4	0	4
0.003762	0	0	0	0	0	0
0.006952	0	0	0	0	0	0
0.000988	0	0	0	0	0	0
0.05216	0	0	0	1	0	1
0.070979	0	0	0	0	0	0
0.038165	0	0	0	0	0	0
0.205269	0	0	0	0	0	0
0.048072	0	0	0	0	0	0
0.049108	0	0	0	0	0	0
0.029249	0	0	0	0	0	0
0.053333	0	0	0	0	0	0
0.054433	0	0	0	0	0	0
0.058472	0	4	0	0	0	4
0.053795	0	0	0	0	0	0
0.036501	0	0	0	0	0	0
0.04062	0	0	0	0	0	0
0.031547	0	0	0	0	0	0
0.04244	0	0	0	0	0	0
0.039991	0	0	0	0	0	0

0.028047	0	0	0	0	0	0
0.044125	0	0	0	0	0	0
0.268127	0	0	0	0	0	0
0.0295	0	0	0	0	0	0
0.074801	0	0	0	0	0	0
0.055432	0	0	0	0	0	0
0.130116	0	0	0	0	0	0
0.026844	0	0	0	0	0	0
0.024059	0	0	0	0	0	0
0.021514	0	0	0	0	0	0
0.01761	0	0	0	0	0	0
0.050175	0	0	0	0	0	0
0.034503	0	0	0	0	0	0
0.041181	0	0	0	0	0	0
0.045991	0	0	0	0	0	0
0.032653	0	0	0	0	0	0
0.033428	0	0	0	0	0	0
0.067841	0	0	0	0	0	0
0.084549	0	0	0	0	0	0
0.037986	0	0	0	0	0	0
0.021372	0	0	0	0	0	0
0.021335	0	0	0	0	0	0
0.025479	0	0	0	0	0	0
0.021704	0	0	0	0	0	0
0.022745	0	0	0	0	0	0
0.073963	0	0	0	0	0	0
0.027846	0	0	0	0	0	0
0.018997	0	0	0	0	0	0
0.016925	0	0	0	0	0	0
0.020901	0	0	0	0	0	0
0.059487	0	0	0	0	0	0
0.014259	0	0	0	0	0	0
0.043272	0	0	0	0	0	0
0.048544	0	0	0	0	0	0
0.05011	0	0	0	0	0	0
0.052614	0	0	0	0	0	0
0.006421	0	0	0	0	0	0
0.002572	0	0	0	0	0	0
0.003675	0	0	0	0	0	0
0.003234	0	0	0	0	0	0
0.003847	0	0	0	1	0	1
0.002768	0	0	0	0	0	0
0.003784	0	0	0	0	0	0
0.005158	0	0	0	0	0	0
0.006712	0	0	0	0	0	0
0.004983	0	0	0	0	0	0
0.005827	0	0	0	0	0	0
0.006049	0	0	0	0	0	0
0.004416	0	0	0	0	0	0
0.003723	0	0	0	0	0	0

0.056403	0	0	0	0	0	0
0.022302	0	0	0	0	0	0
0.036563	0	0	0	4	2	6
0.130779	0	2	0	0	0	2
0.010053	0	0	0	0	0	0
0.047392	0	0	5	0	7	12
0.046083	0	31	0	0	0	31
0.020459	0	0	0	0	0	0
0.036932	0	0	0	0	0	0
0.022923	0	0	0	0	0	0
0.027672	0	0	0	0	0	0
0.021765	0	0	0	0	0	0
0.039919	0	0	0	0	0	0
0.04746	0	0	0	0	0	0
0.033605	0	0	0	0	0	0
0.037662	0	0	0	0	0	0
0.060551	0	0	0	0	0	0
0.052869	0	0	0	0	0	0
0.053767	0	0	0	0	0	0
0.04339	0	0	0	0	0	0
0.156213	0	0	0	0	0	0
0.055056	0	0	0	0	0	0
0.115777	0	0	0	0	0	0
0.164032	0	0	0	0	0	0
0.041641	0	0	0	0	0	0
0.040696	0	0	0	0	0	0
0.043596	0	0	0	0	0	0
0.029274	0	0	0	0	0	0
0.036591	0	0	0	0	0	0
0.033002	0	0	0	0	0	0
0.057615	0	0	0	0	0	0
0.029146	0	0	0	0	0	0
0.093107	0	0	0	0	0	0
0.16876	0	0	0	0	0	0
0.485784	0	0	0	0	0	0
0.0106	0	0	0	0	0	0
0.003375	0	0	0	0	0	0
0.029008	0.03	0	0	0	5	5
0.026282	0	0	0	0	0	0
0.022124	0	0	0	0	0	0
0.050857	0	0	0	0	0	0
0.010934	0	0	0	0	0	0
0.062125	0	0	0	0	0	0
0.064041	0	0	0	0	0	0
0.04965	0	0	0	0	0	0
0.064369	0	0	0	0	0	0
0.057918	0	0	0	0	0	0
0.025381	0	1	0	0	6	7
0.200518	0.04	6	7	0	0	13
0.028437	0	0	0	0	0	0

0.021123	0	0	0	0	0	0
0.012885	0	0	0	0	0	0
0.017562	0	0	0	0	3	3
0.01297	0	3	0	0	14	17
0.035123	0	0	0	0	0	0
0.020058	0	0	0	0	0	0
0.028222	0	0	0	0	0	0
0.014182	0	0	0	0	0	0
0.019893	0	0	0	0	0	0
0.010892	0	0	0	0	0	0
0.014103	0	0	0	0	0	0
0.016894	0	0	0	0	0	0
0.014038	0	0	0	0	0	0
0.029889	0	0	0	0	0	0
0.026029	0	0	0	0	0	0
0.02551	0	0	0	0	0	0
0.015825	0	0	0	0	0	0
0.011556	0	0	0	0	0	0
0.153451	0	0	0	0	0	0
0.021624	0	0	0	0	0	0
0.020723	0	0	0	0	0	0
0.029406	0	0	0	0	0	0
0.082479	0	0	0	0	0	0
0.023608	0	0	0	0	0	0
0.015737	0	0	0	0	0	0
0.011652	0	0	0	0	0	0
0.020462	0	0	0	0	0	0
0.009656	0	0	0	0	0	0
0.025848	0	0	0	0	0	0
0.046945	0	0	0	0	0	0
0.012234	0	0	0	0	0	0
0.022716	0	0	0	0	0	0
0.052713	0	0	0	0	0	0
0.018577	0	0	0	0	0	0
0.035246	0	0	0	0	0	0
0.032227	0	0	0	0	0	0
0.058239	0	0	0	0	0	0
0.034112	0	0	0	0	0	0
0.0451	0	0	0	0	0	0
0.023397	0	0	0	0	0	0
0.024883	0	0	0	0	0	0
0.016022	0	0	0	0	0	0
0.023552	0	0	0	0	0	0
0.007178	0	0	0	0	0	0
0.016231	0	0	0	0	0	0
0.014879	0	0	0	0	0	0
0.02917	0	0	0	0	0	0
0.010928	0	0	0	0	0	0
0.008291	0	0	0	0	0	0
0.005442	0	0	0	0	0	0



0.007085	0	0	0	0	0	0
0.009887	0	0	0	0	0	0
0.004549	0	0	0	0	0	0
0.05155	0	0	0	0	0	0
0.011665	0	0	0	0	0	0
0.245811	0	0	0	0	0	0
0.045474	0	0	0	0	0	0
0.046178	0	0	0	0	0	0
0.040436	0	0	0	0	0	0
0.014372	0	0	0	0	0	0
0.010656	0	0	0	0	0	0
0.01112	0	0	0	0	0	0
0.012317	0	0	0	0	0	0
0.018072	0	0	0	0	0	0
0.026212	0	0	0	0	0	0
0.019838	0	0	0	0	0	0
0.018042	0	0	0	0	0	0
0.04045	0	0	0	0	0	0
0.011433	0	0	0	0	0	0
0.002679	0	0	0	0	0	0
0.003142	0	0	0	0	0	0
0.003965	0	0	0	0	0	0
0.022569	0	0	0	0	0	0
0.921415	0	0	0	0	0	0
0.054427	0	0	0	0	0	0
0.026037	0	0	0	0	0	0
0.030791	0	0	0	0	0	0
0.034638	0	0	0	0	0	0
0.120947	0	0	0	0	0	0
0.044547	0	0	0	0	0	0
0.057288	0	0	0	0	0	0
0.055574	0	0	0	0	0	0
0.236459	0	0	0	0	0	0
0.147482	0	0	0	0	0	0
0.06809	0	0	0	0	0	0
0.161123	0	0	0	0	0	0
0.086457	0	0	0	0	0	0
0.042071	0	0	0	0	0	0
0.047476	0	0	0	0	0	0
0.074956	0	0	0	0	0	0
0.047852	0	0	0	0	0	0
0.055264	0	0	0	0	0	0
0.052277	0	0	0	0	0	0
0.024241	0	0	0	0	0	0
0.04294	0	0	0	0	0	0
0.088344	0	0	0	0	0	0
0.049301	0	0	0	0	0	0
0.173994	0	0	0	0	0	0
0.050237	0	0	0	0	0	0
0.407034	0	0	0	0	0	0

0.045091	0	0	0	0	0	0
0.087621	0	0	0	0	0	0
0.058731	0	0	0	0	0	0
0.189251	0	0	0	0	0	0
0.001442	0	0	0	0	0	0
0.008672	0	0	0	0	0	0
0.003825	0	0	0	0	0	0
0.013106	0	0	0	0	0	0
0.00175	0	0	0	0	0	0
0.025017	0	0	0	0	0	0
0.005728	0	0	0	0	0	0
0.003277	0	0	0	0	0	0
0.001746	0	0	0	0	0	0
0.003957	0	0	0	0	0	0
0.014051	0	0	0	0	0	0
0.012175	0	0	0	0	0	0
0.006696	0	0	0	0	0	0
0.062425	0	0	0	0	0	0
0.061979	0	0	0	0	0	0
0.006362	0	0	0	0	0	0
0.071546	0.02	0	0	0	0	0
0.017987	0	0	0	0	0	0
0.003387	0	0	0	0	0	0
0.003887	0	0	0	0	0	0
0.024592	0	0	0	0	0	0
0.237511	0	0	0	0	0	0
0.047783	0	0	0	0	0	0
0.013548	0	0	0	0	0	0
0.021503	0	0	0	0	0	0
0.010128	0	0	0	0	0	0
0.043819	0	0	0	0	0	0
0.034026	0	0	0	0	0	0
0.010342	0	0	0	0	0	0
0.017429	0	0	0	0	0	0
0.011243	0	0	0	0	0	0
0.011288	0	0	0	0	0	0
0.011351	0	0	0	8	0	8
0.013056	0	0	0	0	0	0
0.004211	0	0	0	0	0	0
0.00629	0	0	0	0	0	0
0.003719	0	0	0	0	0	0
0.056588	0	0	0	0	0	0
0.042757	0	0	0	0	0	0
0.041848	0	0	0	0	0	0
0.033637	0	0	0	0	0	0
0.034508	0	0	0	0	0	0
0.022901	0	0	0	0	0	0
0.033623	0	0	0	0	0	0
0.032216	0	0	0	0	0	0
0.052712	0	0	0	0	0	0

0.178726	0	0	0	0	0	0
0.119103	0	0	0	0	0	0
0.110202	0	0	0	0	0	0
0.143765	0	0	0	0	0	0
0.226644	0	0	0	0	0	0
0.04925	0	0	0	0	0	0
0.145718	0	0	0	0	0	0
0.067475	0	0	0	0	0	0
0.062439	0	0	0	0	0	0
0.04585	0	0	0	0	0	0
0.047361	0	0	0	0	0	0
0.035229	0	0	0	0	0	0
0.045373	0	0	0	0	0	0
0.058459	0	0	0	0	0	0
0.05925	0	0	0	0	0	0
0.028793	0	0	0	0	0	0
0.031667	0	0	0	0	0	0
0.045211	0	0	0	0	0	0
0.009579	0	0	0	0	0	0
0.024457	0	0	0	0	0	0
0.055968	0	0	0	0	0	0
0.943843	0	0	0	0	0	0
0.849007	0.03	0	0	0	0	0
0.049041	0	0	0	0	0	0
0.036142	0	0	0	0	0	0
0.011471	0	0	0	0	0	0
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0.005773	0	0	0	0	0	0
0.009474	0	0	0	0	0	0
0.022009	0	0	0	0	0	0
0.002504	0	0	0	0	0	0
0.002619	0	0	0	0	0	0
0.011973	0	0	0	0	0	0
0.080744	0	0	0	0	0	0
0.058878	0	0	0	0	0	0
0.010948	0	0	0	0	0	0
0.003803	0	0	0	0	0	0
0.032768	0	0	0	0	0	0
0.055236	0	0	0	0	0	0
0.010404	0	0	0	0	0	0
0.013884	0	0	0	0	0	0
0.010035	0	0	0	0	0	0
0.008792	0	0	0	0	0	0
0.009086	0	0	0	0	0	0
0.13133	0	0	0	0	0	0
0.007209	0	0	0	0	0	0
0.033744	0	0	0	0	0	0
0.026059	0	0	0	0	0	0
0.161846	0	0	0	0	0	0
0.016192	0	0	0	0	0	0

0.022802	0	0	0	0	0	0
0.012853	0	0	0	0	0	0
0.011949	0	0	0	0	0	0
0.010231	0	0	0	0	0	0
0.010279	0	0	0	0	0	0
0.020595	0	0	0	0	0	0
0.021229	0	0	0	0	0	0
0.018176	0	0	0	0	0	0
0.009244	0	0	0	0	0	0
0.020436	0	0	0	0	0	0
0.012691	0	0	0	0	0	0
0.015384	0	0	0	0	0	0
0.022972	0	0	0	0	0	0
0.012372	0	0	0	0	0	0
0.015235	0	0	0	0	0	0
0.01028	0	0	0	0	0	0
0.039694	0	0	0	0	0	0
0.001056	0	0	0	0	0	0
0.001835	0	0	0	0	0	0
0.80122	0.13	0	0	0	0	0
0.074136	0	0	0	0	0	0
0.046771	0	0	0	0	0	0
0.013336	0	0	0	0	0	0
0.014041	0	0	0	0	0	0
0.015479	0	0	0	0	0	0
0.010739	0	0	0	0	0	0
0.01015	0	0	0	0	0	0
0.027267	0	0	0	0	0	0
0.022489	0	0	0	0	0	0
0.021834	0	0	0	0	0	0
0.018586	0	0	0	0	0	0
0.032881	0	0	0	0	0	0
0.022559	0	0	0	0	0	0
0.052926	0	0	0	0	0	0
0.015619	0	0	0	0	0	0
0.128845	0	0	0	0	0	0
0.094013	0	0	0	0	0	0
0.02516	0	0	0	0	0	0
0.028299	0	0	0	0	0	0
0.030213	0	0	0	0	0	0
0.026217	0	0	0	0	0	0
0.038147	0	0	0	0	0	0
0.029182	0	0	0	0	0	0
0.024661	0	0	0	0	0	0
0.037064	0	0	0	0	0	0
0.051274	0	0	0	0	0	0
0.047599	0	0	0	0	0	0
0.042062	0	0	0	0	0	0
0.036789	0	0	0	0	0	0
0.032711	0	0	0	0	0	0

0.125606	0	0	0	0	0	0
0.022778	0	0	0	0	0	0
0.019624	0	0	0	0	0	0
0.100346	0	0	0	0	0	0
0.029179	0	0	0	0	0	0
0.023226	0	0	0	0	0	0
0.053319	0	0	0	0	0	0
0.070904	0	0	0	0	0	0
0.055639	0	0	0	0	0	0
0.056116	0	0	0	0	0	0
0.040738	0	0	0	0	0	0
0.06419	0	0	0	0	0	0
0.046718	0	0	0	0	0	0
0.035089	0	0	0	0	0	0
0.019835	0	0	0	0	0	0
0.016007	0	0	0	0	0	0
0.021128	0	0	0	0	0	0
0.036724	0	0	0	0	0	0
0.086823	0	0	0	0	0	0
0.042227	0	0	0	0	0	0
0.04629	0	0	0	0	0	0
0.058495	0	0	0	0	0	0
0.107919	0	0	0	0	0	0
0.057916	0	0	0	0	0	0
0.096961	0	0	0	0	0	0
0.047819	0	0	0	0	0	0
0.039427	0	0	0	0	0	0
0.044671	0	0	0	0	0	0
0.053499	0	0	0	0	0	0
0.041605	0	0	0	0	0	0
0.041511	0	0	0	0	0	0
0.038168	0	0	0	0	0	0
0.03679	0	0	0	0	0	0
0.026504	0	0	0	0	0	0
0.029685	0	0	0	0	0	0
0.101693	0	0	0	0	0	0
0.099913	0	0	0	0	0	0
0.052863	0	0	0	0	0	0
0.069017	0	0	0	0	0	0
0.021972	0	0	0	0	0	0
0.011608	0	0	0	0	0	0
0.00461	0	0	0	0	0	0
0.011549	0	0	0	0	0	0
0.000939	0	0	0	0	0	0
0.004101	0	0	0	0	0	0
0.027229	0	0	0	0	0	0
0.019676	0	0	0	0	0	0
0.027964	0	0	0	0	0	0
0.028716	0	0	0	0	0	0
0.037463	0	0	0	0	0	0

0.032457	0	0	0	0	0	0
0.038438	0	0	0	0	0	0
0.027158	0	0	0	0	0	0
0.020467	0	0	0	0	0	0
0.016228	0	0	0	0	0	0
0.027702	0	0	0	0	0	0
0.586548	0.07	0	0	0	0	0
0.025319	0	0	0	0	0	0
0.029392	0	0	0	0	0	0
0.03793	0	0	0	0	0	0
0.026947	0	0	0	0	0	0
0.045688	0	0	0	0	0	0
0.023903	0	0	0	0	0	0
0.027018	0	0	0	0	0	0
0.02384	0	0	0	0	0	0
0.031214	0	0	0	0	0	0
0.051867	0	0	0	0	0	0
0.02905	0	0	0	0	0	0
0.029142	0	0	0	0	0	0
0.024315	0	0	0	0	0	0
0.023633	0	0	0	0	0	0
0.019661	0	0	0	0	0	0
0.014464	0	0	0	0	0	0
0.014567	0	0	0	0	0	0
0.013688	0	0	0	0	0	0
0.01487	0	0	0	0	0	0
0.013446	0	0	0	0	0	0
0.123614	0	0	0	0	0	0
0.011913	0	0	0	0	0	0
0.017422	0	0	0	0	0	0
0.024971	0	0	0	0	0	0
0.023064	0	0	0	0	0	0
0.030448	0	0	0	0	0	0
0.02774	0	0	0	0	0	0
0.039365	0	0	0	0	0	0
0.025283	0	0	0	0	0	0
0.016455	0	0	0	0	0	0
0.007336	0	0	0	0	0	0
0.009497	0	0	0	0	0	0
0.00738	0	0	0	0	0	0
0.014315	0	0	0	0	0	0
0.005528	0	0	0	0	0	0
0.014383	0	0	0	0	0	0
0.009508	0	0	0	0	0	0
0.069498	0	0	0	0	0	0
0.084849	0	0	0	0	0	0
0.045927	0	0	0	0	0	0
0.055113	0	0	0	0	0	0
0.02101	0	0	0	0	0	0
0.023919	0	0	0	0	0	0

0.050896	0	0	0	0	0	0
0.087508	0	0	0	0	0	0
0.035894	0	0	0	0	0	0
0.006914	0	0	0	0	0	0
0.003706	0	0	0	0	0	0
0.176713	0.03	0	5	0	0	5
0.007166	0	0	0	0	10	10
0.23013	0	10	1	0	8	19
0.010735	0	8	0	0	0	8
0.008628	0	0	0	0	10	10
0.007592	0	10	0	0	0	10
0.014642	0	0	0	0	0	0
0.008354	0	0	0	0	0	0
0.009065	0	0	0	0	0	0
0.007208	0	0	0	0	0	0
0.019283	0	0	0	0	0	0
0.363506	0.1	0	0	0	0	0
0.008664	0	0	0	0	0	0
0.006714	0	0	0	0	0	0
0.001771	0	0	0	0	0	0
0.017329	0	0	0	0	0	0
0.056724	0	0	0	0	0	0
0.010937	0	0	0	0	0	0
0.390071	0	0	0	0	0	0
0.006683	0	0	0	0	2	2
0.016929	0	2	0	0	0	2
0.009943	0	0	0	0	0	0
0.06659	0	0	0	0	0	0
0.01272	0	0	0	0	0	0
0.022559	0	0	0	0	0	0
0.017199	0	0	0	0	0	0
0.012707	0	0	0	0	0	0
0.016206	0	0	0	0	0	0
0.01313	0	0	0	0	0	0
0.008671	0	0	0	0	0	0
0.032441	0	0	0	0	0	0
0.022922	0	0	0	0	0	0
0.031391	0	0	0	0	0	0
0.010389	0	0	0	0	0	0
0.098495	0	0	0	0	0	0
0.009543	0	0	0	0	0	0
0.018654	0	0	0	0	0	0
0.017987	0	0	0	0	0	0
0.018571	0	0	0	0	0	0
0.022432	0	0	0	0	0	0
0.022039	0	0	0	0	0	0
0.016891	0	0	0	0	0	0
0.023279	0	0	0	0	0	0
0.017381	0	0	0	0	0	0
0.013706	0	0	0	0	0	0

0.007952	0	0	0	0	0	0
0.014636	0	0	0	0	0	0
0.030149	0	0	0	0	0	0
0.001909	0	0	0	0	0	0
0.00842	0	0	0	0	0	0
0.0163	0	0	0	0	0	0
0.005687	0	0	0	0	0	0
0.013061	0	0	0	0	0	0
0.024446	0	0	0	0	0	0
0.014717	0	0	0	0	0	0
0.038422	0	0	0	0	0	0
0.018017	0	0	0	0	0	0
0.234407	0	0	0	0	0	0
0.116808	0	0	0	0	0	0
0.02375	0	0	0	0	0	0
0.113126	0	0	0	0	0	0
0.207634	0	0	0	0	0	0
0.364042	0	0	0	0	0	0
0.240258	0.03	0	0	0	0	0
0.078349	0	0	0	0	0	0
0.0167	0	0	0	0	0	0
0.004701	0	0	0	0	0	0
0.056411	0	0	0	0	0	0
0.017193	0	1	0	0	0	1
0.126035	0	0	0	0	0	0
0.01811	0	0	0	0	0	0
0.042803	0	0	0	0	0	0
0.034118	0	0	0	0	0	0
0.016633	0	0	0	0	0	0
0.010321	0	0	0	0	0	0
0.163829	0	0	0	0	0	0
0.066762	0	0	0	0	0	0
0.073569	0	0	0	0	1	1
0.054859	0	0	0	0	0	0
0.0679	0	0	0	0	0	0
0.056535	0	0	0	0	0	0
0.04526	0	0	0	0	0	0
0.03336	0	0	0	0	0	0
0.072146	0	0	0	0	0	0
0.000833	0	1	1	0	0	2
0.012544	0	0	0	0	0	0
0.018974	0	0	0	0	0	0
0.004054	0	0	0	0	0	0
0.015524	0	0	0	0	0	0
0.019073	0	0	0	0	0	0
0.023835	0	0	0	0	0	0
0.000513	0	0	0	0	0	0
0.022789	0	0	0	0	0	0
0.074396	0	0	0	0	0	0
0.03873	0	0	0	0	0	0



0.037231	0	0	0	0	0	0
0.025289	0	0	0	0	0	0
0.047551	0	0	0	0	0	0
0.044982	0	0	0	0	0	0
0.055721	0	0	0	0	0	0
0.039851	0	0	0	0	0	0
0.059234	0	0	0	0	0	0
0.02841	0	0	0	0	0	0
0.14526	0	0	0	0	0	0
0.02498	0	0	0	0	0	0
0.176196	0	0	0	0	0	0
0.039361	0	0	0	0	0	0
0.030651	0	0	0	0	0	0
0.070334	0	0	0	0	0	0
0.071269	0	0	0	0	0	0
0.088896	0	0	0	0	0	0
0.024859	0	0	0	0	0	0
0.029202	0	0	0	0	0	0
0.013525	0	0	0	0	0	0
0.308333	0.07	0	0	0	0	0
0.144042	0	0	0	0	0	0
0.020886	0	0	0	0	0	0
0.017563	0	0	0	0	0	0
0.004271	0	0	0	0	0	0
0.012188	0	0	0	0	0	0
0.027791	0	0	0	0	0	0
0.013346	0	0	0	0	0	0
0.003889	0	0	0	0	0	0
0.013836	0	0	0	0	0	0
0.010329	0	0	0	0	0	0
0.01078	0	0	0	0	0	0
0.009202	0	0	0	0	0	0
0.006036	0	0	0	0	0	0
0.007859	0	0	0	0	0	0
0.010631	0	0	0	0	0	0
0.017517	0	0	0	0	0	0
0.001685	0	0	0	0	0	0
0.002321	0	0	0	0	0	0
0.014439	0	0	0	0	0	0
0.005749	0.06	0	0	0	0	0
0.036938	0.04	0	0	0	0	0
0.048827	0	0	0	0	0	0
0.037584	0	0	0	0	0	0
0.027134	0	0	0	0	0	0
0.060027	0	0	0	0	0	0
0.062635	0	0	0	0	0	0
0.060222	0	0	0	0	0	0
0.107271	0	0	0	0	0	0
0.013064	0	0	0	0	0	0
0.006386	0	0	0	0	0	0

0.016911	0	0	0	0	0	0
0.00869	0	0	0	0	0	0
0.006663	0	0	0	0	0	0
0.035461	0	0	0	0	0	0
0.037224	0	0	0	0	0	0
0.059681	0	0	0	0	0	0
0.072359	0	0	0	0	0	0
0.049786	0	0	0	0	0	0
0.050982	0	0	0	0	0	0
0.138002	0	0	0	0	0	0
0.054637	0	0	0	0	0	0
0.062038	0	0	0	0	0	0
0.051274	0	0	0	0	0	0
0.987761	0	0	0	0	0	0
0.021557	0	0	0	0	0	0
0.046847	0	0	0	0	0	0
0.014485	0	0	0	0	0	0
0.01026	0	0	0	0	0	0
0.016317	0	0	0	0	0	0
0.011016	0	0	0	0	0	0
0.027807	0	0	0	0	0	0
0.011663	0	0	0	0	0	0
0.012979	0	0	0	0	0	0
0.053433	0	0	0	0	0	0
0.067519	0	0	0	0	0	0
0.019531	0	0	0	0	0	0
0.014639	0	0	0	0	0	0
0.054693	0	0	0	0	0	0
0.184937	0	0	0	0	0	0
0.099871	0	0	0	0	0	0
0.16442	0	0	0	0	0	0
0.005419	0	0	0	0	0	0
0.003614	0	0	0	0	0	0
0.007227	0	0	0	0	0	0
0.004362	0	0	0	0	0	0
0.005005	0	0	0	0	0	0
0.005019	0	0	0	0	0	0
0.004977	0	0	0	0	0	0
0.035858	0	0	0	0	0	0
0.006581	0	0	0	0	0	0
0.007735	0	0	0	0	0	0
0.009999	0	0	0	0	0	0
0.021015	0	0	0	0	0	0
0.0136	0	0	0	0	0	0
0.009849	0	0	0	0	0	0
0.010989	0	0	0	0	0	0
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0.008126	0	0	0	0	0	0
0.046523	0	0	0	0	0	0
0.07027	0	0	0	0	0	0
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0.000704	0	0	0	0	0	0
0.00061	0	0	0	0	0	0
0.001059	0	0	0	0	0	0
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0.002023	0	0	0	0	0	0
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0.009381	0	0	0	0	0	0
0.010369	0	0	0	0	0	0
0.094514	0	0	0	0	0	0
0.033068	0	0	0	0	0	0
0.035084	0	0	0	0	0	0
0.129891	0	0	0	0	0	0
0.016885	0	0	0	0	0	0
0.059579	0	0	0	0	0	0
0.173236	0	0	0	0	0	0
0.026088	0	0	0	0	0	0
0.052321	0	0	0	0	0	0
0.063481	0	0	0	0	0	0
0.05311	0	0	0	0	0	0
0.146274	0	0	0	0	0	0
0.06445	0	0	0	0	0	0
0.052308	0	0	0	0	0	0
0.039159	0	0	0	0	0	0
0.050691	0	0	0	0	0	0
0.028424	0	0	0	0	0	0
0.054382	0	0	0	0	0	0
0.038881	0	0	0	0	0	0
0.055637	0	0	0	0	0	0
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0.065131	0	0	0	0	0	0
0.035299	0	0	0	0	0	0
0.080282	0	0	0	0	0	0
0.018688	0	0	0	0	0	0
0.031026	0	0	0	0	0	0
0.015294	0	0	0	0	0	0
0.017724	0	0	0	0	0	0
0.044539	0	0	0	0	0	0
0.011976	0	0	0	0	0	0

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0.03605	0	0	0	0	0	0
0.090089	0	0	0	0	0	0
0.080723	0	0	0	0	0	0
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0.023766	0	0	0	0	0	0
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0.093804	0	0	0	0	0	0
0.041092	0	0	0	0	0	0
0.07008	0	0	0	0	0	0
0.042432	0	0	0	0	0	0
0.031909	0	0	0	0	0	0
0.139554	0	0	0	0	0	0
0.230389	0	0	0	0	0	0
0.051976	0	0	0	0	0	0
0.057404	0	0	0	0	0	0
0.121586	0	0	0	0	0	0
0.032857	0	0	0	0	0	0
0.04676	0	0	0	0	0	0
0.104287	0	0	0	0	0	0
0.029192	0	0	0	0	0	0
0.033619	0	0	0	0	0	0
0.020144	0	0	0	0	0	0
0.013996	0	0	0	0	0	0
0.016635	0	0	0	0	0	0
0.013604	0	0	0	0	0	0
0.009299	0	0	0	0	0	0
0.007123	0	0	0	0	0	0
0.039579	0	0	0	0	0	0
0.01656	0	0	0	0	0	0
0.067028	0	0	0	0	0	0
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0.035675	0	0	0	0	0	0
0.028239	0	0	0	0	0	0
0.046109	0	0	0	0	0	0
0.068938	0	0	0	0	0	0
0.012095	0	0	0	0	0	0
0.014421	0	0	0	0	0	0
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0.005139	0	0	0	0	0	0
0.139575	0.01	0	0	0	0	0
0.057873	0	0	0	0	0	0
0.017393	0	0	0	0	0	0
0.007613	0	0	0	0	0	0
0.016989	0	0	0	0	0	0
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0.012819	0	0	0	0	0	0
0.018974	0	0	0	0	0	0
0.011538	0	0	0	0	0	0
0.026757	0	0	0	0	0	0
0.003864	0	0	0	0	0	0
0.00463	0	0	0	0	0	0
0.010184	0	0	0	0	0	0
0.009798	0	0	0	0	0	0
0.001513	0	0	0	0	0	0
0.003265	0	0	0	0	0	0
0.012471	0	0	0	0	0	0
0.00242	0	0	0	0	0	0
0.014686	0	0	0	0	0	0
0.014259	0	0	0	0	0	0
0.01234	0	0	0	0	0	0
0.010652	0	0	0	0	0	0
0.008634	0	0	0	0	0	0
0.010764	0	0	0	0	0	0
0.013942	0	0	0	0	0	0
0.017221	0	0	0	0	0	0
0.03429	0	0	0	0	0	0
0.018414	0	0	0	0	0	0
0.04936	0	0	0	0	0	0
0.025738	0	0	0	0	0	0
0.017469	0	0	0	0	0	0
0.036692	0	0	0	0	0	0
0.020585	0	0	0	0	0	0
0.045735	0	0	0	0	0	0
0.013728	0	0	0	0	0	0
0.009322	0	0	0	0	0	0
0.03706	0	0	0	0	0	0
0.021904	0	0	0	0	0	0
0.056185	0	0	0	0	0	0
0.028164	0	0	0	0	0	0
0.023351	0	0	0	0	0	0
0.018981	0	0	0	0	0	0
0.022942	0	0	0	0	0	0
0.058729	0	0	0	0	0	0
0.0204	0	0	0	0	0	0
0.008602	0	0	0	0	0	0
0.014289	0	0	0	0	0	0
0.007759	0	0	0	0	0	0
0.003389	0	0	0	0	0	0
0.001992	0	0	0	0	0	0
0.966461	0	0	0	0	0	0
0.018568	0	0	0	0	0	0
0.017189	0	0	0	0	0	0
0.014882	0	0	0	0	0	0
0.019449	0	0	0	0	0	0
0.003416	0	0	0	0	0	0

0.041746	0	0	0	0	0	0
0.038143	0	0	0	0	0	0
0.030596	0	0	0	0	0	0
0.045059	0	0	0	0	0	0
0.044979	0	0	0	0	0	0
0.044603	0	0	0	0	0	0
0.039423	0	0	0	0	0	0
0.044998	0	0	0	0	0	0
0.055171	0	0	0	0	0	0
0.043772	0	0	0	0	0	0
0.022691	0	0	0	0	0	0
0.030263	0	0	0	0	0	0
0.037686	0	0	0	0	0	0
0.131783	0	0	0	0	0	0
0.012038	0	0	0	0	0	0
0.029725	0	0	0	0	0	0
0.06278	0	0	0	0	0	0
0.027172	0	0	0	0	0	0
0.023355	0	0	0	0	0	0
0.021999	0	0	0	0	0	0
0.026793	0	0	0	0	0	0
0.01641	0	0	0	0	0	0
0.010934	0	0	0	0	0	0
0.007832	0	0	0	0	0	0
0.023043	0	0	0	0	0	0
0.001747	0	0	0	0	0	0
0.008296	0	0	0	0	0	0
0.007163	0	0	0	0	0	0
0.013281	0	0	0	0	0	0
0.009475	0	0	0	0	0	0
0.006334	0	0	0	0	0	0
0.01649	0	0	0	0	0	0
0.024955	0	0	0	0	0	0
0.029974	0	0	0	0	0	0
0.021008	0	0	0	0	0	0
0.009853	0	0	0	0	0	0
0.027847	0	0	0	0	0	0
0.005934	0	0	0	0	0	0
0.008638	0	0	0	0	0	0
0.012382	0	0	0	0	0	0
0.046243	0	0	0	0	0	0
0.016925	0	0	0	0	0	0
0.009278	0	0	0	0	0	0
0.003343	0	0	0	0	0	0
0.006545	0	0	0	0	0	0
0.004516	0	0	0	0	0	0
0.002088	0	0	0	0	0	0
0.003328	0	0	0	0	0	0
0.004183	0	0	0	0	0	0
0.003319	0	0	0	0	0	0

0.00281	0	0	0	0	0	0
0.002635	0	0	0	0	0	0
0.001823	0	0	0	0	0	0
0.006792	0	0	0	0	0	0
0.002107	0	0	0	0	0	0
0.001076	0	0	0	0	0	0
0.002016	0	0	0	0	0	0
0.001296	0	0	0	0	0	0
0.001051	0	0	0	0	0	0
0.002741	0	0	0	0	0	0
0.002674	0	0	0	0	0	0
0.004013	0	0	0	0	0	0
0.001395	0	0	0	0	0	0
0.002532	0	0	0	0	0	0
0.006063	0	0	0	0	0	0
0.002076	0	0	0	0	0	0
0.004639	0	0	0	0	0	0
0.00402	0	0	0	0	0	0
0.004515	0	0	0	0	0	0
0.009942	0	0	0	0	0	0
0.003965	0	0	0	0	0	0
0.004549	0	0	0	0	0	0
0.000915	0	0	0	0	0	0
0.000767	0	0	0	0	0	0
0.005973	0	0	0	0	0	0
0.005896	0	0	0	0	0	0
0.004692	0	0	0	0	0	0
0.014956	0	0	0	0	0	0
0.009642	0	0	0	0	0	0
0.02821	0	0	0	0	0	0
0.016953	0	0	0	0	0	0
0.014801	0	0	0	0	0	0
0.009824	0	0	0	0	0	0
0.008184	0	0	0	0	0	0
0.008758	0	0	0	0	0	0
0.006372	0	0	0	0	0	0
0.006666	0	0	0	0	0	0
0.004323	0	0	0	0	0	0
0.003955	0	0	0	0	0	0
0.00401	0	0	0	0	0	0
0.003271	0	0	0	0	0	0
0.028645	0	0	0	0	0	0
0.00717	0	0	0	0	0	0
0.00214	0	0	0	0	0	0
0.002997	0	0	0	0	0	0
0.00401	0	0	0	0	0	0
0.03041	0	0	0	0	0	0
0.009882	0	0	0	0	0	0
0.020446	0	0	0	0	0	0
0.006765	0	0	0	0	0	0

0.027323	0	0	0	0	0	0
0.056164	0	0	0	0	0	0
0.046347	0.01	0	0	4	0	4
0.009293	0	0	0	0	0	0
0.014006	0	0	0	0	0	0
0.006556	0	0	0	0	0	0
0.006539	0	0	0	0	0	0
0.004763	0	0	0	0	0	0
0.023795	0	0	0	0	0	0
0.006551	0	0	0	0	0	0
0.008676	0	0	0	0	0	0
0.095625	0	0	0	0	0	0
0.021704	0	0	0	0	8	8
0.033589	0	8	0	5	1	14
0.020672	0	1	0	0	0	1
0.059396	0	0	0	0	0	0
0.24884	0	0	0	0	23	23
0.159142	0	23	0	0	6	29
0.222526	0	6	0	0	0	6
0.008534	0	0	0	0	0	0
0.003809	0	0	0	0	0	0
0.001969	0	0	0	0	0	0
0.004246	0	0	0	0	0	0
0.011837	0	0	0	0	0	0
0.011797	0	0	0	0	0	0
0.008983	0	0	0	0	0	0
0.019606	0	0	0	0	0	0
0.004637	0	0	0	0	0	0
0.004403	0	0	0	0	0	0
0.008497	0	0	0	0	0	0
0.13115	0.01	0	0	0	0	0
0.011492	0	0	0	0	0	0
0.004422	0	0	0	0	0	0
0.057264	0	0	0	0	0	0
0.046089	0	0	0	0	0	0
0.093373	0	0	0	0	0	0
0.066378	0	0	0	0	0	0
0.047968	0	0	0	0	0	0
0.058591	0	0	0	0	0	0
0.066989	0	0	0	0	0	0
0.085873	0	0	0	0	0	0
0.048453	0	0	0	0	0	0
0.038954	0	0	0	0	0	0
0.030805	0	0	0	0	0	0
0.023635	0	0	0	0	0	0
0.028836	0	0	0	0	0	0
0.043688	0	0	0	0	0	0
0.045591	0	0	0	0	0	0
0.019847	0	0	0	0	0	0
0.029187	0	0	0	0	0	0



0.059316	0	0	0	0	0	0
0.111204	0	0	0	0	0	0
0.093135	0	0	0	0	0	0
0.141792	0	0	0	0	0	0
0.179225	0	0	0	0	0	0
0.00906	0	0	0	0	0	0
0.01845	0	0	0	0	0	0
0.024171	0	0	0	0	0	0
0.30942	0	0	0	0	0	0
0.067102	0	0	0	0	0	0
0.017058	0	0	0	0	0	0
0.044726	0	0	0	0	0	0
0.034649	0	0	0	0	0	0
0.020949	0	0	0	0	0	0
0.027135	0.02	0	0	0	0	0
0.034788	0	0	0	0	0	0
0.052891	0	0	0	0	0	0
0.016152	0	0	0	0	0	0
0.064327	0	0	0	0	0	0
0.01528	0	0	0	0	0	0
0.021403	0	0	0	0	0	0
0.041598	0	0	0	0	0	0
0.083153	0	0	0	0	0	0
0.078978	0	0	0	0	0	0
0.025006	0	0	0	0	0	0
0.026425	0	0	0	0	0	0
0.01783	0	0	0	0	0	0
0.036125	0	0	0	0	0	0
0.00695	0	0	0	0	0	0
0.010457	0	0	0	0	0	0
0.043095	0	0	0	0	0	0
0.019399	0	0	0	0	0	0
0.004658	0	0	0	0	0	0
0.004201	0	0	0	0	0	0
0.079109	0	0	0	0	0	0
0.023813	0	0	0	0	0	0
0.090616	0	0	0	0	0	0
0.040561	0	0	0	0	0	0
0.031183	0	0	0	0	0	0
0.022108	0	0	0	0	0	0
0.094202	0	0	0	0	0	0
0.060129	0	0	0	0	0	0
0.075243	0	0	0	0	0	0
0.054562	0	0	0	0	0	0
0.05513	0	0	0	0	0	0
0.047805	0	0	0	0	0	0
0.0426	0	0	0	0	0	0
0.040877	0	0	0	0	0	0
0.062127	0	0	0	0	0	0
0.054385	0	0	0	0	0	0

0.06038	0	0	0	0	0	0
0.112049	0	0	0	0	0	0
0.067786	0	0	0	0	0	0
0.060607	0	0	0	0	0	0
0.056909	0	0	0	0	0	0
0.046631	0	0	0	0	0	0
0.101223	0	0	0	0	0	0
0.051071	0	0	0	0	0	0
0.02864	0	0	0	0	0	0
0.063499	0	0	0	0	0	0
0.028233	0	0	0	0	0	0
0.055861	0	0	0	0	0	0
0.029286	0	0	0	0	0	0
0.049313	0	0	0	0	0	0
0.069534	0	0	0	0	0	0
0.063979	0	0	0	0	0	0
0.082986	0	0	0	0	0	0
0.084028	0	0	1	1	0	2
0.047184	0	0	0	0	0	0
0.061391	0	0	0	0	0	0
0.085874	0	0	0	0	0	0
0.045096	0	0	0	0	0	0
0.050622	0	0	0	0	0	0
0.03149	0	0	0	0	0	0
0.037581	0	0	0	0	0	0
0.0461	0	0	0	0	0	0
0.035175	0	0	0	0	0	0
0.043215	0	0	0	0	0	0
0.025873	0	0	0	0	0	0
0.061957	0	0	0	0	0	0
0.056072	0	0	0	0	0	0
0.048098	0	0	0	0	0	0
0.050103	0	0	0	0	0	0
0.089663	0	0	0	0	0	0
0.182506	0	0	0	0	0	0
0.119058	0	0	0	0	0	0
0.134396	0	0	0	0	0	0
0.123566	0	0	0	0	0	0
0.106369	0	0	0	0	0	0
0.133062	0	0	0	0	0	0
0.205732	0	0	0	0	0	0
0.150179	0	0	0	0	0	0
0.101796	0	0	0	0	0	0
0.170661	0	0	0	0	0	0
0.316594	0	0	0	0	0	0
0.272058	0	0	0	0	0	0
0.249633	0	0	0	0	0	0
0.099612	0	0	0	0	0	0
0.056155	0	0	0	0	0	0
0.061901	0	0	0	0	0	0

0.067868	0	0	0	0	0	0
0.066368	0	0	0	0	0	0
0.033194	0	0	0	0	0	0
0.03339	0	0	0	0	0	0
0.052844	0	0	0	0	0	0
0.103833	0	0	0	0	0	0
0.049863	0	0	0	0	0	0
0.083158	0	0	0	0	0	0
0.03834	0	0	0	0	0	0
0.070884	0	0	0	0	0	0
0.03197	0	0	0	0	0	0
0.063147	0	0	0	0	0	0
0.02948	0	0	0	0	0	0
0.01909	0.03	0	0	0	0	0
0.08	0	0	0	0	0	0
0.228853	0	0	0	0	0	0
0.122596	0	0	0	0	0	0
0.013843	0	0	0	0	0	0
0.070037	0	0	0	0	0	0
0.064188	0	0	0	0	0	0
0.125069	0	0	0	0	0	0
0.037597	0	0	0	0	0	0
0.025627	0	0	0	0	0	0
0.060573	0	0	0	0	0	0
0.070949	0	0	0	0	0	0
0.031735	0	0	0	0	0	0
0.045986	0	0	0	0	0	0
0.041676	0	0	0	0	0	0
0.034592	0	0	0	0	0	0
0.04564	0	0	0	0	0	0
0.062119	0	0	0	0	0	0
0.079255	0	0	0	0	0	0
0.436804	0	0	0	0	0	0
0.155949	0	0	0	0	0	0
0.105944	0	0	0	0	0	0
0.170658	0	0	0	0	0	0
0.049769	0	0	0	0	0	0
0.058317	0	0	0	0	0	0
0.181048	0	0	0	0	0	0
0.03943	0	0	0	0	0	0
0.04911	0	0	0	0	0	0
0.052193	0	0	0	0	0	0
0.029881	0	0	0	0	0	0
0.035825	0	0	0	0	0	0
0.026723	0	0	0	0	0	0
0.041345	0	0	0	0	0	0
0.030326	0	0	0	0	0	0
0.154378	0	0	0	0	0	0
0.133907	0	0	0	0	0	0
0.029273	0	0	0	0	0	0

0.087381	0	0	0	0	0	0
0.042333	0	0	0	0	0	0
0.046509	0	0	0	0	0	0
0.014208	0	0	0	0	0	0
0.015415	0	0	0	0	0	0
0.019951	0	0	0	0	0	0
0.010902	0	0	0	0	0	0
0.060032	0	0	0	0	0	0
0.048206	0	0	0	0	0	0
0.043334	0	0	0	0	0	0
0.045799	0	0	0	0	0	0
0.041555	0	0	0	0	0	0
0.036821	0	0	0	0	0	0
0.131901	0.02	0	0	0	0	0
0.001124	0	0	0	0	0	0
0.007247	0	0	0	0	0	0
0.001733	0	0	0	0	0	0
0.012004	0	0	0	0	0	0
0.250739	0	0	0	0	0	0
0.085045	0	0	0	0	0	0
0.020693	0	0	0	0	0	0
0.045959	0	0	0	0	0	0
0.009787	0	0	0	0	0	0
0.087377	0	0	0	0	0	0
0.030319	0	0	0	0	0	0
0.006951	0	0	0	0	0	0
0.007884	0	0	0	0	0	0
0.006744	0	0	0	0	0	0
0.0123	0	0	0	0	0	0
0.02931	0	0	0	0	0	0
0.011917	0	0	0	0	0	0
0.004279	0	0	0	0	0	0
0.023015	0	0	0	0	0	0
0.025599	0	0	0	0	0	0
0.035859	0	0	0	0	0	0
0.161546	0.01	0	0	0	0	0
0.017284	0	0	0	0	0	0
0.023247	0	0	0	0	0	0
0.011599	0	0	0	0	0	0
0.015851	0	0	0	0	0	0
0.012933	0	0	0	0	0	0
0.005791	0	0	0	0	0	0
0.00985	0	0	0	0	0	0
0.002948	0	0	0	0	0	0
0.01207	0	0	0	0	0	0
0.006787	0	0	0	0	0	0
0.022593	0	0	0	0	0	0
0.032096	0	0	0	0	0	0
0.077817	0	0	0	0	0	0
0.034915	0	0	0	0	0	0

0.073629	0	0	0	0	1	1
0.014812	0	1	0	0	0	1
0.010521	0	0	0	0	0	0
0.011598	0	0	0	0	0	0
0.014349	0	0	0	0	3	3
0.034652	0	3	0	0	0	3
0.802682	0	0	0	0	0	0
0.159291	0	0	0	0	0	0
0.05984	0	0	0	0	0	0
0.02518	0	0	0	0	0	0
0.039952	0	0	0	0	0	0
0.019891	0	0	0	0	2	2
0.016433	0	2	0	0	0	2
0.019053	0	0	0	0	0	0
0.019261	0	0	0	0	0	0
0.031044	0	0	0	0	0	0
0.022935	0	0	0	0	0	0
0.025027	0	0	0	0	0	0
0.020006	0	0	0	0	0	0
0.041613	0	0	0	0	0	0
0.044803	0	0	0	0	0	0
0.022949	0	0	0	0	0	0
0.019861	0	0	0	0	0	0
0.022659	0	0	0	0	0	0
0.067259	0	0	0	0	0	0
0.040143	0	0	0	0	0	0
0.048658	0	0	0	0	0	0
0.130473	0	0	0	0	0	0
0.068157	0	0	0	0	0	0
0.006671	0	0	0	0	0	0
0.00259	0	0	0	0	0	0
0.002629	0	0	0	0	0	0
0.002775	0	0	0	0	0	0
0.010094	0	0	0	0	0	0
0.005057	0	0	0	0	0	0
0.004918	0	0	0	0	0	0
0.003689	0	0	0	0	0	0
0.003732	0	0	0	0	0	0
0.00349	0	0	0	0	0	0
0.011496	0	0	0	0	0	0
0.004596	0	0	0	0	0	0
0.002591	0	0	0	0	0	0
0.0028	0	0	0	0	0	0
0.002371	0	10	0	0	0	10
0.007845	0	0	0	0	0	0
0.005461	0	0	0	0	0	0
0.008263	0.01	0	2	5	0	7
0.173648	0	0	0	0	0	0
0.046566	0	0	0	0	0	0
0.048416	0	0	0	0	0	0

0.150037	0	0	0	0	0	0
0.081117	0	0	0	0	0	0
0.014915	0	0	0	0	0	0
0.028943	0	0	0	0	0	0
0.033528	0	0	0	0	0	0
0.079387	0	0	0	0	0	0
0.048103	0	0	0	0	0	0
0.025377	0	0	0	0	0	0
0.01886	0	0	0	0	0	0
0.292524	0	0	0	0	0	0
0.038108	0	0	0	0	0	0
0.046304	0	0	0	0	0	0
0.038577	0	0	0	0	0	0
0.138614	0	0	0	0	0	0
0.117483	0	0	0	0	0	0
0.068783	0	0	0	0	0	0
0.043921	0	0	0	0	0	0
0.206532	0	0	0	0	0	0
0.025334	0	0	0	0	0	0
0.032497	0	0	0	0	0	0
0.01203	0	0	0	0	0	0
0.027993	0	0	0	0	0	0
0.020535	0	0	0	0	0	0
0.037953	0	0	0	0	0	0
0.011299	0	0	0	0	0	0
0.014373	0	0	0	0	0	0
0.016026	0	0	0	0	0	0
0.02592	0	0	0	0	0	0
0.020566	0	0	0	0	0	0
0.015949	0	0	0	0	0	0
0.013711	0	0	0	0	0	0
0.019079	0	0	0	0	0	0
0.073391	0	0	0	0	0	0
0.022525	0	0	0	0	0	0
0.027553	0	0	0	0	0	0
0.0306	0	0	0	0	0	0
0.026415	0	0	0	0	0	0
0.031645	0	0	0	0	0	0
0.029722	0	0	0	0	0	0
0.024569	0	0	0	0	0	0
0.016222	0	0	0	0	0	0
0.036593	0	0	0	0	0	0
0.022015	0	0	0	0	0	0
0.047807	0	0	0	0	0	0
0.094069	0	0	0	0	0	0
0.030506	0	0	0	0	0	0
0.104824	0	0	0	0	0	0
0.043928	0	0	0	0	0	0
0.068919	0	0	0	0	0	0
0.12714	0	0	0	0	0	0

0.012525	0	0	0	0	0	0
0.085609	0	0	0	0	0	0
0.029653	0	0	0	0	0	0
0.014	0	0	0	0	0	0
0.009513	0	0	0	0	0	0
0.020346	0	0	0	0	0	0
0.039405	0	0	0	0	0	0
0.071219	0	0	0	0	1	1
0.07816	0	1	0	0	0	1
0.002265	0	0	0	0	0	0
0.003651	0	0	0	0	0	0
0.001792	0	0	0	0	0	0
0.001444	0	0	0	0	1	1
0.031327	0.28	1	5	1	0	7
0.006967	0	0	0	0	0	0
0.01958	0	0	1	0	0	1
0.001323	0	0	0	0	0	0
0.001298	0	0	0	0	0	0
0.001466	0	0	0	0	0	0
0.001735	0	0	0	0	0	0
0.002209	0	0	0	0	0	0
0.062371	0	0	0	0	0	0
0.028669	0	0	0	0	0	0
0.024052	0	0	0	0	0	0
0.011415	0	0	0	0	0	0
0.021239	0	0	0	0	0	0
0.018318	0	0	0	0	0	0
0.015093	0	0	0	0	0	0
0.176211	0	0	0	0	0	0
0.091257	0.01	0	0	0	0	0
0.085495	0.02	0	0	0	0	0
0.084136	0.01	0	0	0	0	0
0.087287	0	0	0	0	0	0
0.09873	0	0	0	0	0	0
0.037761	0	0	0	0	0	0
0.611136	0.16	0	0	0	0	0
0.094624	0	0	0	0	0	0
0.025401	0	0	0	0	0	0
0.012149	0	0	0	0	0	0
0.092464	0	0	0	0	0	0
0.021382	0	0	0	0	0	0
0.189356	0	0	0	0	0	0
0.048315	0	0	0	0	0	0
0.367795	0	0	0	0	0	0
0.037516	0	0	0	0	0	0
0.114394	0.03	0	0	0	0	0
0.037207	0	0	0	0	0	0
0.084271	0	0	0	0	0	0
0.033287	0	0	0	0	0	0
0.016032	0	0	0	0	0	0

0.019619	0	0	0	0	0	0
0.022207	0	0	0	0	0	0
0.069304	0	0	0	0	0	0
0.099345	0	0	0	0	0	0
0.019526	0	0	0	0	0	0
0.007193	0	0	0	0	0	0
0.044825	0	0	0	0	0	0
0.130472	0	0	0	0	0	0
0.058995	0	0	0	0	0	0
0.0547	0	0	0	0	0	0
0.097389	0	0	0	0	0	0
0.061428	0	0	0	0	0	0
0.047321	0	0	0	0	0	0
0.047184	0	0	0	0	0	0
0.057329	0	0	0	0	0	0
0.041993	0	0	0	0	0	0
0.021603	0	0	0	0	0	0
0.033873	0	0	0	0	0	0
0.024405	0	0	0	0	0	0
0.048585	0	0	0	0	0	0
0.074844	0	0	0	0	0	0
0.029188	0	0	0	0	0	0
0.054718	0	0	0	0	0	0
0.10104	0	0	0	0	0	0
0.064188	0	0	0	0	0	0
0.019545	0	0	0	0	0	0
0.031204	0	0	0	0	0	0
0.0443	0	0	0	0	0	0
0.027401	0	0	0	0	0	0
0.438142	0	0	0	0	0	0
0.533182	0	0	0	0	0	0
0.712619	0	0	0	0	0	0
0.627834	0	0	0	0	0	0
0.109192	0	0	0	0	0	0
0.0582	0	0	0	0	0	0
0.018483	0	0	0	0	0	0
0.02828	0	0	0	0	0	0
0.127183	0	0	0	0	0	0
0.01289	0	0	0	0	0	0
0.018084	0	0	0	0	0	0
0.031447	0	0	0	0	0	0
0.029234	0	0	0	0	0	0
0.052093	0	0	0	0	0	0
0.014068	0	0	0	0	0	0
0.01057	0	0	0	0	0	0
0.070267	0	0	0	0	0	0
0.032435	0	0	0	0	0	0
0.042495	0	0	0	0	0	0
0.021692	0	0	0	0	0	0
0.020127	0	0	0	0	0	0



0.044445	0	0	0	0	0	0
0.049083	0	0	0	0	0	0
0.059617	0	0	0	0	0	0
0.048576	0	0	0	0	0	0
0.002249	0	0	0	0	0	0
0.001698	0	0	0	0	0	0
0.007874	0.01	0	0	0	0	0
0.002809	0	0	0	0	0	0
0.00264	0	0	0	0	0	0
0.001678	0	0	0	0	0	0
0.001259	0	0	0	0	0	0
0.001883	0	0	0	0	0	0
0.000731	0	0	0	0	0	0
0.000583	0	0	0	0	0	0
0.00091	0	0	0	0	0	0
0.002749	0	0	0	0	0	0
0.001733	0	0	0	0	4	4
0.000923	0	4	0	0	0	4
0.00052	0	0	0	0	0	0
0.011761	0	0	0	0	0	0
0.002375	0.01	0	0	0	0	0
0.01394	0	0	0	0	0	0
0.000577	0	0	0	0	0	0
0.001674	0	0	0	0	0	0
0.009817	0	0	0	0	0	0
0.00883	0	0	0	0	0	0
0.001682	0	0	0	0	0	0
0.003758	0	0	0	0	1	1
0.002811	0	1	0	0	0	1
0.000794	0	0	0	0	0	0
0.003666	0	0	0	0	0	0
0.001359	0	0	0	0	0	0
0.002029	0	0	0	0	0	0
0.000963	0	0	0	0	0	0
0.004822	0	0	0	0	0	0
0.002734	0	0	0	0	0	0
0.006917	0	0	0	0	0	0
0.000824	0	0	0	0	0	0
0.014974	0.02	0	0	0	0	0
0.002818	0	0	0	0	0	0
0.001869	0	0	0	0	0	0
0.00224	0	0	0	0	0	0
0.00357	0	0	0	0	0	0
0.011987	0	0	0	0	0	0
0.008599	0	0	0	0	0	0
0.007387	0	0	0	0	0	0
0.010901	0	0	0	0	0	0
0.009419	0	0	0	0	0	0
0.020994	0	0	0	0	0	0
0.003131	0	0	0	0	1	1

0.013393	0	0	0	0	0	0
0.031287	0	0	0	0	0	0
0.017549	0	0	0	0	0	0
0.012805	0	0	0	0	0	0
0.0163	0	0	0	0	0	0
0.012982	0	0	0	0	0	0
0.029489	0	0	0	0	0	0
0.033776	0	0	0	0	0	0
0.087059	0	0	0	0	0	0
0.006385	0	0	0	0	0	0
0.039938	0	0	0	0	0	0
0.008877	0	0	0	0	0	0
0.006105	0	0	0	0	0	0
0.042762	0	0	0	0	5	5
0.039917	0	5	0	0	0	5
0.030853	0	0	0	0	0	0
0.008442	0	0	0	0	0	0
0.05968	0	0	0	0	0	0
0.017383	0	0	0	0	0	0
0.053625	0	0	0	0	0	0
0.030651	0	0	0	0	0	0
0.053281	0	0	0	0	2	2
0.030896	0	2	0	0	0	2
0.03622	0	0	0	0	0	0
0.019048	0	0	0	0	0	0
0.018185	0	0	0	0	0	0
0.023654	0	0	0	0	0	0
0.097186	0	0	0	0	0	0
0.005612	0	0	0	0	0	0
0.00225	0	0	0	0	0	0
0.003253	0	0	0	0	0	0
0.015051	0	0	0	0	0	0
0.022835	0	0	0	0	0	0
0.002556	0	0	0	0	0	0
0.007753	0	0	0	0	0	0
0.002677	0	0	0	0	0	0
0.001619	0	0	0	0	0	0
0.001917	0	0	0	0	0	0
0.001573	0	0	0	0	0	0
0.007298	0	0	0	0	0	0
0.000959	0	0	0	0	0	0
0.000894	0	0	0	0	0	0
0.001508	0	0	0	0	0	0
0.003188	0	0	0	0	0	0
0.017566	0	0	0	0	0	0
0.024573	0	0	0	0	0	0
0.013132	0	0	0	0	0	0
0.00808	0	0	0	0	0	0
0.004083	0	0	0	0	0	0
0.006482	0	0	0	0	0	0

0.003636	0	0	0	0	0	0
0.003967	0	0	0	0	0	0
0.002506	0	0	0	0	0	0
0.002495	0	0	0	0	0	0
0.003494	0	0	0	0	0	0
0.005065	0	0	0	0	0	0
0.005372	0	0	0	0	0	0
0.004448	0	0	0	0	0	0
0.029576	0	0	0	0	0	0
0.048737	0	0	0	0	0	0
0.030279	0	0	0	0	0	0
0.034268	0	0	0	0	0	0
0.015597	0	0	0	0	0	0
0.010793	0	0	0	0	0	0
0.021269	0	0	0	0	0	0
0.014434	0	0	0	0	0	0
0.015917	0	0	0	0	0	0
0.01149	0	0	0	0	0	0
0.386434	0	0	0	0	0	0
0.991127	0	0	0	0	0	0
0.693043	0	0	0	0	0	0
0.952434	0.11	0	0	0	0	0
0.601734	0	0	0	0	0	0
0.230363	0	0	0	0	0	0
0.27626	0	0	0	0	0	0
0.341401	0.02	0	0	0	0	0
0.026121	0	0	0	0	0	0
0.025498	0	0	0	0	0	0
0.090148	0	13	0	0	18	31
0.02576	0	9	0	0	0	9
0.02007	0	0	0	0	0	0
0.014422	0	0	0	0	0	0
0.008763	0	0	0	0	0	0
0.010599	0	0	0	0	0	0
0.015009	0	0	0	0	0	0
0.010906	0	0	0	0	0	0
0.015699	0	18	0	0	5	23
0.00815	0	5	0	3	8	16
0.015861	0	8	0	0	0	8
0.009317	0	0	0	0	0	0
0.00974	0	0	0	0	0	0
0.011388	0	0	0	0	0	0
0.006753	0	0	0	0	2	2
0.004431	0	2	0	0	9	11
0.065962	0	0	0	0	0	0
0.03657	0	0	0	0	0	0
0.054612	0	0	0	0	0	0
0.019918	0	0	0	0	0	0
0.023204	0	0	0	0	0	0
0.019602	0	0	0	0	0	0

0.050309	0	0	0	0	0	0
0.0456	0	0	0	0	0	0
0.060367	0	0	0	0	0	0
0.053569	0	0	0	0	0	0
0.041566	0	0	0	0	0	0
0.042461	0	0	0	0	0	0
0.043952	0	0	0	0	0	0
0.040738	0	0	0	0	0	0
0.008584	0	0	0	0	0	0
0.010212	0	0	0	0	0	0
0.017188	0	0	0	0	0	0
0.01661	0	0	0	0	0	0
0.021543	0	0	0	0	0	0
0.064746	0	0	0	0	0	0
0.019537	0	0	0	0	0	0
0.018779	0	0	0	0	0	0
0.029238	0	0	0	0	0	0
0.023042	0	0	0	0	0	0
0.014236	0	0	0	0	0	0
0.013104	0	0	0	0	0	0
0.023082	0	0	0	0	0	0
0.006602	0	0	0	0	0	0
0.012488	0	0	0	0	0	0
0.348191	0	0	0	0	0	0
0.02189	0	0	0	0	0	0
0.328137	0	0	0	0	0	0
0.015384	0	0	0	0	0	0
0.028522	0	0	0	0	0	0
0.025634	0	0	0	0	0	0
0.024178	0	0	0	0	0	0
0.029005	0	0	0	0	0	0
0.053879	0	0	0	0	0	0
0.033089	0	0	0	0	0	0
0.058897	0	0	0	0	0	0
0.032743	0	0	0	0	0	0
0.023148	0	0	0	0	0	0
0.037807	0	0	0	0	0	0
0.033635	0	0	0	0	0	0
0.054804	0	0	0	0	0	0
0.015108	0	0	0	0	0	0
0.02153	0	0	0	0	0	0
0.016822	0	0	0	0	0	0
0.016473	0	0	0	0	0	0
0.04424	0	0	0	0	0	0
0.023471	0	0	0	0	0	0
0.017482	0	0	0	0	0	0
0.021631	0	0	0	0	0	0
0.008503	0	0	0	0	0	0
0.03095	0	0	0	0	0	0
0.024611	0	0	0	0	0	0

0.046182	0	0	0	0	0	0
0.0327	0	0	0	0	0	0
0.033272	0	0	0	0	0	0
0.022247	0	0	0	0	0	0
0.024995	0	0	0	0	0	0
0.022194	0	0	0	0	0	0
0.021522	0	0	0	0	0	0
0.028032	0	0	0	0	0	0
0.912906	0	0	0	0	0	0
0.001842	0	0	0	0	0	0
0.045564	0	0	0	0	0	0
0.103779	0	0	0	0	0	0
0.085431	0	0	0	0	0	0
0.030319	0	0	0	0	0	0
0.01593	0	0	0	0	0	0
0.137015	0	0	0	0	0	0
0.013584	0	0	0	0	0	0
0.018399	0	0	0	0	0	0
0.021605	0	0	0	0	0	0
0.030399	0	0	0	0	0	0
0.013358	0	0	0	0	0	0
0.00993	0	0	0	0	0	0
0.1243	0	0	0	0	0	0
0.022626	0	0	0	0	0	0
0.012604	0	0	0	0	0	0
0.010023	0	0	0	0	0	0
0.013183	0	0	0	0	0	0
0.031859	0	0	0	0	0	0
0.040735	0	0	0	0	0	0
0.127928	0.03	0	0	0	0	0
0.096185	0	0	0	0	0	0
0.066759	0	0	0	0	0	0
0.011318	0	0	0	0	0	0
0.005286	0	0	0	0	0	0
0.023686	0	0	0	0	0	0
0.040539	0	0	0	0	0	0
0.026585	0	0	0	0	0	0
0.034545	0	0	0	0	0	0
0.025263	0	0	0	0	0	0
0.027957	0	0	0	0	0	0
0.022693	0	0	0	0	0	0
0.025042	0	0	0	0	0	0
0.009345	0	0	0	0	0	0
0.012882	0	0	0	0	0	0
0.000955	0	0	0	0	0	0
0.001402	0	0	0	0	0	0
0.007568	0	0	0	0	0	0
0.003876	0	0	0	0	0	0
0.007935	0	0	0	0	0	0
0.00243	0	0	0	0	0	0

0.002766	0	0	0	0	0	0
0.054435	0	0	0	0	0	0
0.002736	0	0	0	0	0	0
0.013113	0	0	0	0	0	0
0.004757	0	0	0	0	0	0
0.010754	0	0	0	0	0	0
0.004626	0	0	0	0	0	0
0.003501	0	0	0	0	0	0
0.016445	0	0	0	0	0	0
0.002319	0	0	0	0	0	0
0.006343	0	0	0	0	0	0
0.011295	0	0	0	0	0	0
0.004413	0	0	0	0	0	0
0.020729	0	0	0	0	0	0
0.004187	0	0	0	0	0	0
0.002086	0	0	0	0	0	0
0.004788	0	0	0	0	0	0
0.001985	0	0	0	0	0	0
0.004451	0	0	0	0	0	0
0.002966	0	0	0	0	0	0
0.019012	0	0	0	0	0	0
0.004119	0	0	0	0	0	0
0.003485	0	0	0	0	0	0
0.006448	0	0	0	0	0	0
0.003634	0	0	0	5	0	5
0.004749	0	0	0	0	0	0
0.00368	0	0	0	0	0	0
0.004646	0	0	0	0	0	0
0.004899	0	0	0	0	0	0
0.009149	0	0	0	0	0	0
0.002755	0	0	0	0	0	0
0.002962	0	0	0	0	0	0
0.565034	0.17	0	0	0	0	0
0.418912	0.09	0	0	0	0	0
0.051027	0	0	0	0	0	0
0.021949	0	0	0	0	0	0
0.021152	0	0	0	0	0	0
0.028279	0	0	0	0	0	0
0.045489	0	0	0	0	0	0
0.024397	0	0	0	0	0	0
0.019409	0	0	0	0	0	0
0.011014	0	0	0	0	0	0
0.060465	0	0	0	0	0	0
0.188569	0	0	0	0	0	0
0.104271	0	0	0	0	0	0
0.273952	0	0	0	0	0	0
0.083745	0	0	0	0	0	0
0.12069	0	0	0	0	0	0
0.212948	0	0	0	0	0	0
0.202783	0	0	0	0	0	0

0.049384	0	0	0	0	0	0
0.023992	0	0	0	0	0	0
0.04507	0	0	0	0	0	0
0.053727	0	0	0	0	0	0
0.062648	0	0	0	0	0	0
0.091946	0	0	0	0	0	0
0.063789	0	0	0	0	0	0
0.259868	0	0	0	0	0	0
0.223748	0	0	0	0	0	0
0.058938	0	0	0	0	0	0
0.0586	0	0	0	0	0	0
0.047667	0	0	0	0	0	0
0.059362	0	0	0	0	0	0
0.04556	0	0	0	0	0	0
0.014323	0	0	0	0	0	0
0.025105	0	0	0	0	0	0
0.006762	0	0	0	0	0	0
0.00474	0	0	0	0	0	0
0.002995	0	0	0	0	0	0
0.024359	0	0	0	0	0	0
0.006147	0	0	0	0	0	0
0.002835	0	0	0	0	0	0
0.002644	0	0	0	0	0	0
0.005721	0	0	0	0	0	0
0.006196	0	0	0	0	0	0
0.004752	0	0	0	0	0	0
0.00408	0	0	0	0	0	0
0.00379	0	0	0	0	0	0
0.015794	0	0	0	0	0	0
0.010757	0	0	0	0	0	0
0.032707	0	0	0	0	0	0
0.016581	0	0	0	0	0	0
0.004108	0	0	0	0	0	0
0.020316	0	0	0	0	0	0
0.02202	0	0	0	0	0	0
0.005584	0	0	0	0	0	0
0.012048	0	0	0	0	0	0
0.010605	0	0	0	0	0	0
0.002979	0	0	0	0	0	0
0.028894	0	0	0	0	0	0
0.022672	0	0	0	0	0	0
0.054855	0	0	0	0	0	0
0.047569	0	0	0	0	0	0
0.039055	0	0	0	0	0	0
0.026105	0	0	0	0	0	0
0.013298	0	0	0	0	0	0
0.143745	0	0	0	0	0	0
0.042435	0	0	0	0	0	0
0.064422	0	0	0	0	0	0
0.03433	0	0	0	0	0	0

0.03728	0	0	0	0	0	0
0.060098	0	0	0	0	0	0
0.035469	0	0	0	0	0	0
0.04625	0	0	0	0	0	0
0.03986	0	0	0	0	0	0
0.007876	0	0	0	0	0	0
0.005877	0	0	0	0	0	0
0.015356	0	0	0	0	0	0
0.006284	0	0	0	0	0	0
0.007978	0	0	0	0	0	0
0.021863	0	0	0	0	0	0
0.007655	0	0	0	0	0	0
0.009596	0	0	0	0	0	0
0.028128	0	0	0	0	0	0
0.014696	0	0	0	0	0	0
0.019497	0	0	0	0	0	0
0.03352	0	0	0	0	0	0
0.01675	0	0	0	0	0	0
0.011904	0	0	0	0	0	0
0.008916	0	0	0	0	0	0
0.00745	0	0	0	0	0	0
0.017701	0	0	0	0	0	0
0.01237	0	0	0	0	0	0
0.013111	0	0	0	0	0	0
0.033294	0	0	0	0	0	0
0.017191	0	0	0	0	0	0
0.012411	0	0	0	0	0	0
0.013595	0	0	0	0	0	0
0.044004	0	0	0	0	0	0
0.008016	0	0	0	0	0	0
0.017761	0	0	0	0	0	0
0.018304	0	0	0	0	0	0
0.018	0	0	0	0	0	0
0.022949	0	0	0	0	0	0
0.02534	0	0	0	0	0	0
0.028501	0	0	0	0	0	0
0.013764	0	0	0	0	0	0
0.014379	0	0	0	0	0	0
0.107157	0	0	0	0	0	0
0.012022	0	0	0	0	0	0
0.022084	0	0	0	0	0	0
0.008109	0	0	0	0	0	0
0.087045	0	0	0	0	0	0
0.053533	0	0	0	0	0	0
0.024993	0	0	0	0	0	0
0.021392	0	0	0	0	0	0
0.02488	0	0	0	0	0	0
0.039406	0	0	0	0	0	0
0.059944	0	0	0	0	0	0
0.070074	0	0	0	0	0	0



0.120938	0	0	0	0	0	0
0.073018	0	0	0	0	0	0
0.164281	0	0	0	0	0	0
0.047792	0	0	0	0	0	0
0.076579	0	0	0	0	0	0
0.032302	0	0	0	0	0	0
0.033845	0	0	0	0	0	0
0.024148	0	0	0	0	0	0
0.029512	0	0	0	0	0	0
0.025795	0	0	0	0	0	0
0.052613	0	0	0	0	0	0
0.072015	0	0	0	0	0	0
0.048241	0	0	0	0	0	0
0.040013	0	0	0	0	0	0
0.048245	0	0	0	0	0	0
0.041826	0	0	0	0	0	0
0.042896	0	0	0	0	0	0
0.051537	0	0	0	0	0	0
0.082971	0	0	0	0	0	0
0.055848	0	0	0	0	0	0
0.187019	0	0	0	0	0	0
0.02469	0	0	0	0	0	0
0.017113	0	0	0	0	0	0
0.014179	0	0	0	0	0	0
0.012533	0	0	0	0	0	0
0.016253	0	0	0	0	0	0
0.013796	0	0	0	0	0	0
0.015781	0	0	0	0	0	0
0.009707	0	0	0	0	0	0
0.062559	0	0	0	0	0	0
0.055575	0	0	0	0	0	0
0.113232	0	0	0	0	0	0
0.076018	0	0	0	0	0	0
0.060507	0	0	0	0	0	0
0.042458	0	0	0	0	0	0
0.005367	0	0	0	0	0	0
0.005719	0	0	0	0	0	0
0.012923	0	0	0	0	0	0
0.003565	0	0	0	0	0	0
0.020074	0	0	0	0	0	0
0.006286	0	0	0	0	0	0
0.005701	0	0	0	0	0	0
0.018381	0	0	0	0	0	0
0.027632	0	0	0	0	0	0
0.003326	0	0	0	0	0	0
0.005039	0	0	0	0	0	0
0.002987	0	0	0	0	0	0
0.015103	0	0	0	0	0	0
0.168666	0	0	0	0	0	0
0.007468	0	0	0	0	0	0

0.008275	0	0	0	0	0	0
0.007831	0	0	0	0	0	0
0.007178	0	0	0	0	0	0
0.008692	0.01	0	0	0	0	0
0.025945	0	0	0	0	0	0
0.047062	0	0	0	0	0	0
0.021721	0	0	0	0	0	0
0.065941	0	0	0	0	0	0
0.07218	0	0	0	0	0	0
0.048227	0	0	0	0	0	0
0.01858	0	0	0	0	0	0
0.04558	0	0	0	0	0	0
0.041986	0	0	0	0	0	0
0.004487	0	0	0	0	0	0
0.007559	0	0	0	0	0	0
0.006576	0	0	0	0	0	0
0.002084	0	0	0	0	0	0
0.006727	0	0	0	0	0	0
0.002887	0	0	0	0	0	0
0.002791	0	0	0	0	0	0
0.003899	0	0	0	0	0	0
0.002937	0	0	0	0	0	0
0.006064	0	0	0	0	0	0
0.002439	0	0	0	0	0	0
0.002868	0	0	0	0	0	0
0.006141	0	0	0	0	0	0
0.021046	0	0	0	0	0	0
0.002777	0	0	0	0	0	0
0.020149	0	0	0	0	0	0
0.014584	0	0	0	0	0	0
0.045209	0	0	0	0	0	0
0.039456	0	0	0	0	0	0
0.025359	0	0	0	0	0	0
0.029832	0	0	0	0	0	0
0.01631	0	0	0	0	0	0
0.018278	0	0	0	0	0	0
0.021789	0	0	0	0	0	0
0.038326	0	0	0	0	0	0
0.011535	0	0	0	0	0	0
0.003227	0	0	0	0	0	0
0.00259	0	0	0	0	0	0
0.002351	0	0	0	3	9	12
0.002826	0	0	0	0	0	0
0.003538	0	0	0	0	0	0
0.003093	0	0	0	0	0	0
0.000553	0	0	0	0	0	0
0.035954	0	0	0	0	0	0
0.049693	0	0	0	0	0	0
0.030337	0	0	0	0	0	0
0.107453	0	0	0	0	0	0

0.044825	0	0	0	0	0	0
0.030917	0	0	0	0	0	0
0.076811	0	0	0	0	0	0
0.022081	0	0	0	0	0	0
0.043277	0	0	0	0	0	0
0.038851	0	0	0	0	0	0
0.006583	0	0	0	0	0	0
0.012466	0	0	0	0	0	0
0.009664	0	0	0	0	0	0
0.055388	0	0	0	0	0	0
0.008956	0	0	0	0	0	0
0.026683	0	0	0	0	0	0
0.142641	0	0	0	0	0	0
0.020252	0	0	0	0	0	0
0.01497	0	0	0	0	0	0
0.016584	0	0	0	0	0	0
0.030147	0	0	0	0	0	0
0.026829	0	0	0	0	0	0
0.025961	0	0	0	0	0	0
0.019711	0	0	0	0	0	0
0.013663	0	0	0	0	0	0
0.032164	0	0	0	0	0	0
0.015735	0	0	0	0	0	0
0.012309	0	0	0	0	0	0
0.096005	0	0	0	0	0	0
0.053522	0	0	0	0	0	0
0.034445	0	0	0	0	0	0
0.034138	0	0	0	0	0	0
0.010964	0	0	0	0	0	0
0.009908	0	0	0	0	0	0
0.009819	0	0	0	0	0	0
0.031693	0	0	0	0	0	0
0.022716	0	0	0	0	0	0
0.102237	0	0	0	0	0	0
0.141196	0	0	0	0	0	0
0.016449	0	0	0	0	0	0
0.254711	0.05	0	0	0	0	0
0.350239	0	0	0	0	0	0
0.10255	0	0	0	0	0	0
0.090995	0	0	0	0	0	0
0.219405	0	0	0	0	0	0
0.0561	0	0	0	0	0	0
0.061142	0	0	0	0	0	0
0.01454	0	0	0	0	0	0
0.024431	0	0	0	0	0	0
0.007926	0	0	0	0	0	0
0.001878	0	0	0	0	0	0
0.016255	0	0	0	0	0	0
0.002594	0	0	0	0	0	0
0.038491	0	0	0	0	0	0

0.021935	0	0	0	0	0	0
0.042098	0	0	0	0	0	0
0.014279	0	0	0	0	0	0
0.00354	0.02	0	0	0	0	0
0.001407	0	0	0	0	0	0
0.000941	0	0	0	0	0	0
0.006111	0	0	0	0	0	0
0.006803	0	0	0	0	0	0
0.004533	0	0	0	0	0	0
0.038913	0	0	0	0	0	0
0.001588	0	0	0	0	0	0
0.00706	0	0	0	0	0	0
0.009929	0	0	0	0	0	0
0.023131	0	0	0	0	0	0
0.042844	0	0	0	0	0	0
0.027881	0	0	0	0	0	0
0.021629	0	0	0	0	0	0
0.009585	0	0	0	0	0	0
0.021689	0	0	0	0	0	0
0.021366	0	0	0	0	0	0
0.161808	0	0	0	0	0	0
0.742075	0	0	0	0	0	0
0.013366	0	0	0	0	0	0
0.086817	0	0	0	0	0	0
0.020959	0.03	0	0	0	0	0
0.002366	0	0	0	0	0	0
0.009884	0	0	0	0	0	0
0.006047	0	0	0	0	0	0
0.003003	0	0	0	0	0	0
0.002902	0	0	0	0	0	0
0.003242	0	0	0	0	0	0
0.006655	0	0	0	0	0	0
0.004057	0	0	0	0	0	0
0.008368	0	0	0	0	0	0
0.014751	0	0	0	0	0	0
0.017093	0	0	0	0	0	0
0.032167	0	0	0	0	0	0
0.016813	0	0	0	0	0	0
0.030179	0	0	0	0	0	0
0.008684	0	0	0	0	0	0
0.00686	0	0	0	0	0	0
0.028289	0	0	0	0	0	0
0.008133	0	0	0	0	0	0
0.015423	0	0	1	0	0	1
0.020751	0	0	0	0	0	0
0.006399	0	0	0	0	0	0
0.096765	0	0	0	0	0	0
0.085091	0	0	0	0	0	0
0.159797	0.02	0	0	0	0	0
0.042423	0	0	0	0	0	0

0.535964	0	0	0	0	0	0
0.11189	0	0	0	0	0	0
0.051905	0	0	0	0	0	0
0.018417	0	0	0	0	0	0
0.117884	0	0	0	0	0	0
0.100219	0	0	2	0	1	3
0.043441	0	0	0	0	0	0
0.052228	0	1	0	0	0	1
0.039043	0	0	0	0	0	0
0.054176	0	0	0	0	0	0
0.053475	0	0	0	0	0	0
0.135764	0	0	0	0	0	0
0.302577	0.08	0	0	2	0	2
0.301186	0.06	0	0	0	0	0
0.070785	0	0	0	0	0	0
0.055547	0	0	0	0	0	0
0.069755	0	0	0	0	0	0
0.081097	0	0	0	0	0	0
0.070557	0	0	0	0	0	0
0.028549	0	0	0	0	0	0
0.153564	0	0	0	4	0	4
0.234446	0	0	0	0	0	0
0.043202	0	0	0	0	0	0
0.016412	0	0	0	0	0	0
0.067278	0	0	0	0	0	0
0.031431	0	0	0	0	0	0
0.678128	0	0	0	0	0	0
0.713225	0.08	0	0	0	0	0
0.02418	0.01	0	0	0	0	0
0.019025	0	0	0	0	0	0
0.014348	0	0	0	0	0	0
0.013881	0	0	0	0	0	0
0.013434	0	0	0	0	0	0
0.015501	0	0	0	0	0	0
0.023489	0	0	0	0	0	0
0.043656	0	0	0	0	0	0
0.042877	0	0	0	0	0	0
0.032022	0	0	0	0	0	0
0.024068	0	0	0	0	0	0
0.030806	0	0	0	0	0	0
0.032082	0	0	0	0	0	0
0.038714	0	0	0	0	0	0
0.019241	0	0	0	0	0	0
0.044543	0	0	0	0	0	0
0.042287	0	0	0	0	0	0
0.043004	0	0	0	0	0	0
0.048544	0	0	0	0	0	0
0.037131	0	0	0	0	0	0
0.016141	0	0	0	0	0	0
0.018561	0	0	0	0	0	0

0.016749	0	0	0	0	0	0
0.014211	0	0	0	0	0	0
0.010047	0	0	0	0	0	0
0.029623	0	0	0	0	0	0
0.014006	0	0	0	0	0	0
0.037274	0	0	0	0	0	0
0.031524	0	0	0	0	0	0
0.044555	0	0	0	0	0	0
0.042471	0	0	0	0	0	0
0.048456	0	0	0	0	0	0
0.111223	0	0	0	0	0	0
0.072533	0	0	0	0	0	0
0.038155	0	0	0	0	0	0
0.046713	0	0	0	0	0	0
0.022249	0	0	0	0	0	0
0.026723	0	0	0	0	0	0
0.019693	0	0	0	0	0	0
0.029108	0	0	0	0	0	0
0.015438	0	0	0	0	0	0
0.092803	0	0	0	0	0	0
0.092401	0	0	0	0	0	0
0.009905	0	0	0	0	0	0
0.010336	0	0	0	0	0	0
0.046604	0	0	0	0	0	0
0.014635	0	0	0	0	0	0
0.011349	0	0	0	0	0	0
0.009193	0	0	0	0	0	0
0.014245	0	0	0	0	0	0
0.06631	0	0	0	0	0	0
0.018242	0	0	0	0	0	0
0.038085	0	0	0	0	0	0
0.028346	0	0	0	0	0	0
0.029201	0	0	0	0	0	0
0.041765	0	0	0	0	0	0
0.037814	0	0	0	0	0	0
0.03478	0	0	0	0	0	0
0.026573	0	0	0	0	0	0
0.250662	0.03	0	0	0	0	0
0.024645	0	0	0	0	0	0
0.088174	0	0	0	0	0	0
0.136747	0	0	0	0	0	0
0.031529	0	0	0	0	0	0
0.01342	0	0	0	0	0	0
0.007586	0	0	0	0	0	0
0.049951	0	0	0	0	0	0
0.105008	0	0	0	0	0	0
0.15091	0.01	0	0	0	0	0
0.022577	0	0	0	0	0	0
0.102083	0	0	0	0	0	0
0.057323	0	0	0	0	0	0

0.022513	0	0	0	0	0	0
0.027608	0	0	0	0	0	0
0.046531	0	0	0	0	0	0
0.030836	0	0	0	0	0	0
0.043019	0	0	0	0	0	0
0.03233	0	0	0	0	0	0
0.030662	0	0	0	0	0	0
0.03464	0	0	0	0	0	0
0.025757	0	0	0	0	0	0
0.027824	0	0	0	0	0	0
0.026295	0	0	0	0	0	0
0.030055	0	0	0	0	0	0
0.021021	0	0	0	0	3	3
0.028437	0	3	0	0	0	3
0.115223	0	0	0	0	0	0
0.503737	0.22	0	0	0	0	0
0.04301	0	0	0	0	0	0
0.030995	0	0	0	0	0	0
0.024071	0	0	0	0	0	0
0.022362	0	0	0	0	3	3
0.016869	0	3	0	0	0	3
0.01386	0	0	0	0	0	0
0.038341	0	0	0	0	0	0
0.015407	0	0	0	0	0	0
0.011907	0	0	0	0	0	0
0.008108	0	0	0	0	0	0
0.014558	0	0	0	0	0	0
0.014546	0	0	0	0	0	0
0.024741	0	0	0	0	0	0
0.124133	0	0	0	0	0	0
0.004502	0	0	0	0	0	0
0.006369	0	0	0	0	0	0
0.007729	0	0	0	0	0	0
0.06902	0	0	0	0	0	0
0.039834	0	0	0	0	0	0
0.030147	0	0	0	0	0	0
0.034034	0	0	0	0	0	0
0.053092	0	0	0	0	0	0
0.036248	0	0	0	0	0	0
0.091135	0	0	0	0	0	0
0.069542	0	0	0	0	0	0
0.052548	0	0	0	0	0	0
0.042901	0	0	0	0	0	0
0.036421	0	0	0	0	0	0
0.049811	0	0	0	0	0	0
0.098912	0	0	0	0	0	0
0.035462	0	0	0	0	0	0
0.067156	0	0	0	0	0	0
0.04282	0	0	0	0	0	0
0.048755	0	0	0	0	0	0

0.048982	0	0	0	0	0	0
0.103932	0	0	0	0	0	0
0.079021	0	0	0	0	0	0
0.023051	0	0	0	0	0	0
0.046626	0	0	0	0	0	0
0.04523	0	0	0	0	0	0
0.030365	0	0	0	0	0	0
0.023026	0	0	0	0	0	0
0.043563	0	0	0	0	0	0
0.04371	0	0	0	0	0	0
0.056555	0	0	0	0	0	0
0.029841	0	0	0	0	0	0
0.02029	0	0	0	0	0	0
0.02067	0	0	0	0	0	0
0.01742	0	0	0	0	0	0
0.022918	0	0	0	0	0	0
0.017367	0	0	0	0	0	0
0.313993	0.06	0	0	0	0	0
0.039513	0	0	0	0	0	0
0.05009	0	0	0	0	0	0
0.065719	0	0	0	0	0	0
0.037688	0	0	0	0	0	0
0.060786	0	0	0	0	0	0
0.050226	0	0	0	0	0	0
0.070299	0	0	0	0	0	0
0.047406	0	0	0	0	0	0
0.071899	0	0	0	0	0	0
0.034052	0	0	0	0	0	0
0.047588	0	0	0	0	0	0
0.056155	0	0	0	0	0	0
0.045217	0	0	0	0	0	0
0.046587	0	0	0	0	0	0
0.029744	0	0	0	0	0	0
0.038149	0	0	0	0	0	0
0.053194	0	0	0	0	0	0
0.056162	0	0	0	0	0	0
0.051218	0	0	0	0	0	0
0.044681	0	0	0	0	0	0
0.040324	0	0	0	0	0	0
0.036431	0	0	0	0	0	0
0.058548	0	0	0	0	0	0
0.040967	0	0	0	0	0	0
0.056611	0	0	0	0	0	0
0.046442	0	0	0	0	0	0
0.026104	0	0	0	0	0	0
0.025498	0	0	0	0	0	0
0.0336	0	0	0	0	0	0
0.025891	0	0	0	0	0	0
0.020959	0	0	0	0	0	0
0.050406	0	0	0	0	0	0



0.021954	0	0	0	0	0	0
0.020955	0	0	0	0	0	0
0.028805	0	0	0	0	0	0
0.025577	0	0	0	0	0	0
0.022734	0	0	0	0	0	0
0.034602	0	0	0	0	0	0
0.016956	0	0	0	0	0	0
0.047038	0	0	0	0	0	0
0.086446	0	0	0	0	0	0
0.09318	0	0	0	0	0	0
0.048873	0	0	0	0	0	0
0.057698	0	0	0	0	0	0
0.094718	0	0	0	0	0	0
0.047946	0	0	0	0	0	0
0.076005	0	0	0	0	0	0
0.035769	0	0	0	0	0	0
0.041283	0	0	0	0	0	0
0.04746	0	0	0	0	0	0
0.262802	0	0	0	0	0	0
0.061361	0	0	0	0	0	0
0.091009	0	0	0	0	0	0
0.043936	0	0	0	0	0	0
0.059241	0	0	0	0	0	0
0.157089	0	0	0	0	0	0
0.062206	0	0	0	0	0	0
0.050815	0	0	0	0	0	0
0.04357	0	0	0	0	0	0
0.039995	0	0	0	0	0	0
0.047977	0	0	0	0	0	0
0.037014	0	0	0	0	0	0
0.061902	0	0	0	0	0	0
0.075591	0	0	0	0	0	0
0.03361	0	0	0	0	0	0
0.094673	0	0	0	0	0	0
0.055489	0	0	0	0	0	0
0.030575	0	0	0	0	0	0
0.026364	0	0	0	0	0	0
0.026154	0	0	0	0	0	0
0.026116	0	0	0	0	0	0
0.026059	0	0	0	0	0	0
0.068353	0	0	0	0	0	0
0.031346	0	0	0	0	0	0
0.022146	0	0	0	0	0	0
0.018845	0	0	0	0	0	0
0.013078	0	0	0	0	0	0
0.058204	0	0	0	0	0	0
0.053279	0	0	0	0	0	0
0.025891	0	0	0	0	0	0
0.053805	0	0	0	0	0	0
0.062119	0	0	0	0	0	0

0.055312	0	0	0	0	0	0
0.04333	0	0	0	0	0	0
0.059379	0	0	0	0	0	0
0.091637	0	0	0	0	0	0
0.041884	0	0	0	0	0	0
0.05315	0	0	0	0	0	0
0.04095	0	0	0	0	0	0
0.062373	0	0	0	0	0	0
0.038136	0	0	0	0	0	0
0.060608	0	0	0	0	0	0
0.059109	0	0	0	0	0	0
0.070348	0	0	0	0	0	0
0.065042	0	0	0	0	0	0
0.037098	0	0	0	0	0	0
0.05706	0	0	0	0	0	0
0.05491	0	0	0	0	0	0
0.046235	0	0	0	0	0	0
0.051291	0	0	0	0	0	0
0.058215	0	0	0	0	0	0
0.072583	0	0	0	0	0	0
0.066159	0	0	0	0	0	0
0.10276	0	0	0	0	0	0
0.108362	0	0	0	0	0	0
0.05413	0	0	0	0	0	0
0.039568	0	0	0	0	0	0
0.406592	0	0	0	0	0	0
0.026756	0	0	0	0	0	0
0.072491	0.01	0	0	0	0	0
0.087337	0.1	0	0	0	0	0
0.098335	0.11	0	0	0	0	0
0.149094	0.17	0	0	0	0	0
0.20798	0	0	0	0	0	0
0.068299	0	0	0	0	0	0
0.053905	0	0	0	0	0	0
0.009129	0	0	0	0	0	0
0.009175	0	0	0	0	0	0
0.030199	0	0	0	0	0	0
0.030421	0	0	0	0	0	0
0.059898	0	0	0	0	0	0
0.050574	0	0	0	0	0	0
0.02419	0	0	0	0	0	0
0.035108	0	0	0	0	0	0
0.047846	0	0	0	0	0	0
0.03876	0	0	0	0	0	0
0.049901	0	0	0	0	0	0
0.05049	0	0	0	0	0	0
0.032007	0	0	0	0	0	0
0.015735	0	0	0	0	0	0
0.011916	0	0	0	0	0	0
0.053298	0	0	0	0	0	0

0.023017	0	0	0	0	0	0
0.003048	0	0	0	0	0	0
0.007118	0	0	0	0	0	0
0.00165	0	0	0	0	0	0
0.001555	0.01	0	0	0	0	0
0.002337	0.01	0	0	0	0	0
0.003484	0	0	0	0	0	0
0.003994	0	0	0	0	0	0
0.029194	0	0	0	0	0	0
0.019542	0	0	0	0	0	0
0.017125	0	0	0	0	0	0
0.02994	0	0	0	0	0	0
0.084177	0	0	0	0	0	0
0.063926	0	0	0	0	0	0
0.086951	0	0	0	0	0	0
0.034984	0	0	0	0	0	0
0.107557	0	0	0	0	0	0
0.015717	0	0	0	0	0	0
0.042506	0	0	0	0	0	0
0.076966	0	0	0	0	0	0
0.050649	0	0	0	0	0	0
0.014044	0	0	0	0	0	0
0.018147	0	0	0	0	0	0
0.029484	0	0	0	0	0	0
0.023931	0	0	0	0	0	0
0.06597	0	0	0	0	0	0
0.030225	0	0	0	0	0	0
0.032878	0	0	0	0	0	0
0.054098	0	0	0	0	0	0
0.009918	0	0	0	0	0	0
0.006941	0	0	0	0	0	0
0.412875	0	0	0	0	0	0
0.008702	0	0	0	0	0	0
0.019541	0	0	0	0	0	0
0.004338	0	0	0	0	0	0
0.006511	0	0	0	0	0	0
0.006143	0	0	0	0	0	0
0.004442	0	0	0	0	0	0
0.003728	0	0	0	0	0	0
0.005878	0	0	0	0	0	0
0.004548	0	0	0	0	0	0
0.00489	0	0	0	0	0	0
0.013242	0	0	0	0	0	0
0.006489	0	0	0	0	0	0
0.013511	0	0	0	0	0	0
0.007587	0	0	0	0	0	0
0.013107	0	0	0	0	0	0
0.02844	0	0	0	0	0	0
0.013353	0	0	0	0	0	0
0.011936	0	0	0	0	0	0

0.066699	0	0	0	0	0	0
0.013012	0	0	0	0	0	0
0.014636	0	0	0	0	0	0
0.060245	0	0	0	0	0	0
0.029159	0	0	0	0	0	0
0.06928	0	0	0	0	0	0
0.016356	0	0	0	0	0	0
0.012909	0	0	0	0	0	0
0.010921	0	0	0	0	0	0
0.010747	0	0	0	0	0	0
0.007334	0	0	0	0	0	0
0.007563	0	0	0	0	0	0
0.025596	0	0	0	0	0	0
0.557369	0.28	0	0	0	0	0
0.035301	0	0	0	0	0	0
0.023817	0	0	0	0	0	0
0.024374	0	0	0	0	0	0
0.026971	0	0	0	0	0	0
0.041549	0	0	1	0	0	1
0.032762	0	0	0	0	0	0
0.026997	0	0	0	0	0	0
0.035554	0	0	0	0	0	0
0.030858	0	0	0	0	0	0
0.033732	0	0	0	0	0	0
0.012352	0	0	0	0	0	0
0.006852	0	0	0	0	0	0
0.17059	0	0	0	0	0	0
0.023847	0	0	0	0	0	0
0.128533	0	0	0	0	0	0
0.020593	0	0	0	0	1	1
0.013117	0	1	0	0	0	1
0.007116	0	0	0	0	0	0
0.012067	0	0	0	0	0	0
0.010453	0	0	0	0	0	0
0.007989	0	0	0	0	0	0
0.010398	0	0	0	0	0	0
0.036357	0	0	0	0	0	0
0.018802	0	0	0	0	0	0
0.022733	0	0	0	0	0	0
0.053217	0	0	0	0	0	0
0.023709	0	0	0	0	0	0
0.033985	0	0	0	0	0	0
0.168179	0	0	1	1	0	2
0.004223	0	0	0	0	0	0
0.001595	0	0	0	0	0	0
0.003456	0.01	0	0	0	0	0
0.002977	0	0	0	0	0	0
0.043587	0	0	0	0	0	0
0.032588	0	0	0	0	0	0
0.015682	0	0	0	0	0	0

0.016715	0	0	0	0	0	0
0.014621	0	0	0	0	0	0
0.074131	0	0	0	0	0	0
0.023067	0	0	0	0	0	0
0.024563	0	0	0	0	0	0
0.025358	0	0	0	0	0	0
0.040919	0	0	0	0	0	0
0.017047	0	0	0	0	0	0
0.048977	0	0	0	0	0	0
0.033159	0	0	0	0	0	0
0.184843	0	0	0	0	0	0
0.019537	0	0	0	0	0	0
0.047556	0	0	0	0	0	0
0.031774	0	0	0	0	0	0
0.033541	0	0	0	0	0	0
0.013295	0	0	0	0	0	0
0.014591	0	0	0	0	0	0
0.021777	0	0	0	0	0	0
0.019582	0	0	0	0	0	0
0.014481	0	0	0	0	0	0
0.358434	0.1	0	9	5	0	14
0.022587	0	0	0	0	0	0
0.058808	0	0	0	0	0	0
0.018943	0	0	0	0	0	0
0.006514	0	0	0	0	0	0
0.004511	0	0	0	0	0	0
0.010623	0	0	0	0	0	0
0.012801	0	0	0	0	0	0
0.009274	0	0	0	0	0	0
0.006336	0	0	0	0	0	0
0.004694	0	0	0	0	0	0
0.005852	0	0	0	0	0	0
0.010136	0	0	0	0	0	0
0.0133	0	0	0	0	0	0
0.007597	0	0	0	0	0	0
0.006382	0	0	0	0	0	0
0.006457	0	0	0	0	0	0
0.005959	0	0	0	0	0	0
0.005477	0	0	0	0	0	0
0.037154	0	0	0	0	0	0
0.030945	0	0	0	0	0	0
0.026824	0	0	0	0	0	0
0.019881	0	0	0	0	0	0
0.072013	0	0	0	0	0	0
0.041296	0	0	0	0	0	0
0.017475	0	0	0	0	0	0
0.034254	0	0	0	0	0	0
0.055758	0	0	0	0	0	0
0.058969	0	0	0	0	0	0
0.044694	0	0	0	0	0	0

0.036008	0	0	0	0	0	0
0.009106	0	0	0	0	0	0
0.038351	0	0	0	0	3	3
0.015572	0	3	0	0	0	3
0.036123	0	0	0	0	0	0
0.007868	0	0	0	0	0	0
0.012908	0	0	0	0	0	0
0.011675	0	0	0	0	0	0
0.005371	0	0	0	0	0	0
0.011905	0	12	0	0	22	34
0.003253	0	4	0	0	0	4
0.004343	0	0	0	0	0	0
0.003317	0	0	0	0	0	0
0.012693	0	0	0	0	0	0
0.012708	0	0	0	0	0	0
0.126335	0	0	0	0	0	0
0.012909	0	0	0	0	16	16
0.113359	0.01	16	1	1	12	30
0.059532	0	0	0	0	0	0
0.019999	0	0	0	0	0	0
0.02982	0	0	0	0	0	0
0.575111	0	0	0	0	0	0
0.331904	0	0	0	0	0	0
0.281495	0	0	4	0	0	4
0.961184	0.01	0	0	0	0	0
0.042482	0	0	0	0	0	0
0.044991	0	0	0	0	0	0
0.054715	0	0	0	0	0	0
0.062541	0	0	0	0	0	0
0.044794	0	0	0	0	0	0
0.059948	0	0	0	0	0	0
0.108807	0	0	0	0	0	0
0.053966	0	0	0	0	0	0
0.185865	0	0	0	0	13	13
0.193992	0	13	13	0	0	26
0.027337	0	0	0	0	0	0
0.093915	0	0	0	0	0	0
0.025026	0.02	0	0	0	0	0
0.001888	0	0	0	0	0	0
0.00041	0	0	0	0	0	0
0.006086	0	0	0	0	0	0
0.001076	0	0	0	0	0	0
0.009865	0	0	0	0	0	0
0.003123	0	0	0	0	0	0
0.00323	0	0	0	0	0	0
0.006395	0	0	0	0	0	0
0.014596	0	0	0	0	0	0
0.041183	0	0	0	0	0	0
0.006914	0	0	0	0	0	0
0.028214	0	0	0	0	0	0

0.010546	0	0	0	0	0	0
0.020588	0	0	0	0	0	0
0.007017	0	0	0	0	0	0
0.019424	0	0	0	0	0	0
0.012976	0	0	0	0	0	0
0.364021	0	0	0	0	0	0
0.003869	0	0	0	0	0	0
0.003703	0	0	0	0	0	0
0.004033	0	0	0	0	0	0
0.025502	0	0	0	0	0	0
0.051649	0	0	0	0	0	0
0.005224	0	0	0	0	0	0
0.005831	0	0	0	0	0	0
0.022557	0	0	0	0	0	0
0.004199	0	0	0	0	0	0
0.01484	0	0	0	0	0	0
0.069596	0	0	0	0	0	0
0.033102	0	0	0	0	0	0
0.005109	0	0	0	0	0	0
0.004074	0	0	0	0	0	0
0.002474	0	0	0	0	0	0
0.001598	0	0	0	0	0	0
0.025252	0	0	0	0	0	0
0.031454	0	0	0	0	0	0
0.014752	0	0	0	0	0	0
0.00992	0	0	0	0	0	0
0.056128	0	0	0	0	0	0
0.033991	0	0	0	0	0	0
0.043172	0	0	0	0	0	0
0.042068	0	0	0	0	0	0
0.042927	0	0	0	0	0	0
0.029964	0	0	0	0	0	0
0.039922	0	0	0	0	0	0
0.029132	0	0	0	0	0	0
0.021521	0	0	0	0	0	0
0.026703	0	0	0	0	2	2
0.086711	0	2	0	4	0	6
0.027729	0	0	0	0	0	0
0.039564	0	0	0	0	0	0
0.037032	0	0	0	0	0	0
0.030371	0	0	0	2	0	2
0.02791	0	0	0	0	0	0
0.019995	0	0	0	0	0	0
0.024948	0	0	0	0	9	9
0.071368	0	9	1	8	8	26
0.027426	0	8	0	0	0	8
0.011674	0	0	0	0	0	0
0.105404	0	0	5	5	0	10
0.062369	0	0	9	5	7	21
0.048972	0	0	0	0	0	0

0.087386	0.08	7	5	4	0	16
0.01396	0	0	0	0	0	0
0.101887	0	0	0	16	0	16
0.009763	0	0	4	4	0	8
0.006469	0	0	0	0	0	0
0.057694	0	0	0	0	0	0
0.028484	0	0	0	0	0	0
0.008845	0	0	0	0	0	0
0.006331	0	0	0	0	0	0
0.004584	0	0	0	0	0	0
0.003838	0	0	0	0	0	0
0.006657	0	0	0	0	0	0
0.00653	0	0	0	0	0	0
0.003175	0	0	0	0	0	0
0.008245	0	0	0	0	0	0
0.005103	0	0	0	0	0	0
0.009982	0	0	0	0	0	0
0.009209	0	0	0	0	0	0
0.009743	0	0	0	0	0	0
0.004763	0	0	0	0	0	0
0.00333	0	0	0	0	8	8
0.010713	0	8	0	0	0	8
0.002624	0	0	0	0	0	0
0.034771	0.01	0	0	0	0	0
0.034316	0	0	0	0	0	0
0.011974	0	0	0	0	0	0
0.006273	0	0	0	0	0	0
0.003209	0	0	0	0	0	0
0.002421	0	0	0	0	0	0
0.003154	0	0	0	0	0	0
0.004437	0	0	0	0	0	0
0.008963	0	0	0	0	0	0
0.002003	0	0	0	0	0	0
0.004348	0	0	0	0	0	0
0.440089	0.38	0	0	0	0	0
0.40931	0.45	0	0	0	0	0
0.470136	0.27	0	0	0	0	0
0.419272	0.33	0	0	0	0	0
0.493378	0.33	0	0	0	0	0
0.165028	0.62	0	0	0	0	0
0.14913	0.63	0	7	7	4	18
0.155963	0.53	3	1	0	0	4
0.149426	0	0	0	0	0	0
0.109487	0	0	0	0	0	0
0.089246	0.03	0	0	0	0	0
0.005622	0	0	0	0	0	0
0.006739	0	0	0	0	0	0
0.007949	0	0	0	0	0	0
0.005362	0	0	0	0	0	0
0.007259	0	0	5	0	0	5



0.007447	0	0	0	0	0	0
0.010919	0	0	0	0	0	0
0.071852	0	0	0	15	0	15
0.05331	0	0	0	0	0	0
0.02304	0	0	0	0	0	0
0.176607	0	0	0	0	0	0
0.130274	0	0	0	0	0	0
0.11381	0	0	0	0	0	0
0.053477	0	0	0	0	0	0
0.051296	0	0	0	0	0	0
0.019381	0	0	0	0	0	0
0.019103	0	0	0	0	0	0
0.044054	0	0	0	0	0	0
0.01443	0	0	0	0	0	0
0.068963	0	0	0	0	0	0
0.018221	0	0	0	0	0	0
0.035418	0	0	0	0	0	0
0.019431	0	0	0	0	0	0
0.018878	0	0	0	0	0	0
0.03507	0	0	0	0	0	0
0.037403	0	0	0	0	0	0
0.078266	0	0	0	0	0	0
0.080422	0	0	0	0	0	0
0.029716	0	0	0	0	0	0
0.003045	0	0	0	0	0	0
0.000789	0	0	0	0	0	0
0.001307	0	0	0	0	0	0
0.001237	0	0	0	0	0	0
0.002624	0	0	0	0	0	0
0.019733	0.02	0	0	0	0	0
0.010154	0.02	0	0	0	0	0
0.034746	0	0	0	0	0	0
0.062635	0	0	0	0	0	0
0.02895	0	0	0	0	0	0
0.040636	0	0	0	0	0	0
0.070557	0	0	0	0	0	0
0.044696	0	0	0	0	0	0
0.031256	0	0	0	0	0	0
0.038051	0	0	0	0	0	0
0.039878	0	0	0	0	0	0
0.034973	0	0	0	0	0	0
0.025027	0	0	0	0	0	0
0.049855	0	0	0	0	0	0
0.028349	0	0	0	0	0	0
0.172291	0	0	0	0	0	0
0.038927	0	0	0	0	0	0
0.03641	0	0	0	0	0	0
0.033156	0	0	0	0	0	0
0.03481	0	0	0	0	0	0
0.065097	0	0	0	0	0	0

0.055296	0	0	0	0	0	0
0.163512	0	0	0	0	0	0
0.084793	0	0	0	0	0	0
0.038842	0	0	0	0	0	0
0.03394	0	0	0	0	0	0
0.018532	0	0	0	0	0	0
0.014417	0	0	0	0	0	0
0.007018	0	0	0	0	0	0
0.006534	0	0	0	0	0	0
0.006853	0	0	0	0	0	0
0.011839	0	0	0	0	0	0
0.005329	0	0	0	0	0	0
0.016548	0	0	0	0	0	0
0.251691	0	0	0	0	0	0
0.045124	0	0	0	0	0	0
0.044564	0	0	0	0	0	0
0.020222	0	0	0	0	0	0
0.052052	0	0	4	4	0	8
0.036007	0	0	0	0	0	0
0.00894	0	0	0	0	0	0
0.008943	0	0	0	0	0	0
0.006447	0	0	0	0	0	0
0.015294	0	0	0	0	0	0
0.021312	0	0	0	0	0	0
0.042489	0	0	0	0	0	0
0.035495	0	0	0	0	0	0
0.028325	0	0	0	0	0	0
0.010891	0	0	0	0	0	0
0.024916	0	0	0	0	0	0
0.053999	0	0	0	0	0	0
0.042651	0	0	0	0	0	0
0.031964	0	0	0	0	0	0
0.019726	0	0	0	0	0	0
0.040937	0	0	0	0	0	0
0.01554	0	0	0	0	0	0
0.015782	0	0	0	0	0	0
0.034002	0	0	0	0	0	0
0.020013	0	0	0	0	0	0
0.043962	0	0	0	0	0	0
0.023153	0	0	0	0	0	0
0.015879	0	0	0	0	0	0
0.025202	0	0	0	0	0	0
0.043412	0	0	0	0	0	0
0.009185	0	0	0	0	0	0
0.009765	0	0	0	0	0	0
0.01018	0	0	0	0	0	0
0.006099	0	0	0	0	0	0
0.035162	0	0	0	0	0	0
0.01535	0	0	0	0	0	0
0.011702	0	0	0	0	0	0

0.031429	0.02	0	0	0	0	0
0.085437	0	0	0	0	0	0
0.051244	0	0	0	0	0	0
0.071364	0	0	0	0	0	0
0.033452	0	0	0	0	0	0
0.210923	0	0	0	0	0	0
0.050534	0	0	0	0	0	0
0.024836	0	0	0	0	0	0
0.023605	0	0	0	0	0	0
0.00045	0	0	0	0	0	0
0.001121	0	0	0	0	0	0
0.000623	0	0	0	0	0	0
0.000801	0	0	0	0	0	0
0.000791	0	0	0	0	0	0
0.001801	0	0	0	3	0	3
0.000643	0	0	0	0	0	0
0.001469	0	0	0	0	0	0
0.002386	0	0	0	6	2	8
0.003235	0	2	0	0	6	8
0.011017	0	0	9	0	0	9
0.000902	0	6	0	0	0	6
0.000718	0	0	0	0	0	0
0.000674	0	0	0	0	0	0
0.001201	0	0	0	0	0	0
0.002408	0	0	0	0	0	0
0.000717	0	0	0	0	0	0
0.000549	0	0	0	0	0	0
0.00053	0	0	0	0	0	0
0.000471	0	0	0	0	2	2
0.000404	0	2	0	0	0	2
0.055844	0	0	0	0	0	0
0.009974	0	0	0	0	0	0
0.006149	0	0	0	0	0	0
0.006819	0	0	0	0	0	0
0.006863	0	0	0	0	0	0
0.008543	0	0	0	0	0	0
0.004505	0	0	0	0	0	0
0.006689	0	0	0	0	0	0
0.004945	0	0	0	0	0	0
0.011521	0	0	0	0	0	0
0.006288	0	0	0	0	0	0
0.022251	0	0	0	0	0	0
0.006349	0	0	0	0	0	0
0.007866	0	0	0	0	0	0
0.004659	0	0	0	0	0	0
0.002512	0	0	0	0	0	0
0.013395	0	0	0	0	0	0
0.010816	0	0	0	0	0	0
0.010232	0	0	0	0	0	0
0.010073	0	0	0	0	0	0

0.009531	0	0	0	0	0	0
0.006701	0	0	0	0	0	0
0.020916	0	0	0	0	0	0
0.011774	0	0	0	0	0	0
0.008918	0	0	0	0	0	0
0.011435	0	0	0	0	0	0
0.018274	0	0	0	0	0	0
0.011693	0	0	0	0	0	0
0.016694	0	0	0	0	0	0
0.012562	0	0	0	0	0	0
0.016749	0	0	0	0	0	0
0.007252	0	0	0	0	0	0
0.01062	0	0	0	0	0	0
0.083983	0	0	0	0	0	0
0.006784	0	0	0	0	0	0
0.019351	0	0	0	0	0	0
0.029853	0	0	0	0	0	0
0.048471	0	0	0	0	0	0
0.009169	0	0	0	0	0	0
0.008473	0	0	0	0	0	0
0.020785	0	0	0	0	0	0
0.045865	0	0	0	0	0	0
0.057832	0	0	0	0	0	0
0.029121	0	0	0	0	0	0
0.020089	0	0	0	0	0	0
0.008151	0	0	0	0	0	0
0.014665	0	0	0	0	0	0
0.01413	0	0	0	0	0	0
0.017997	0	0	0	0	0	0
0.024755	0	0	0	0	0	0
0.059854	0	0	0	0	0	0
0.168489	0	0	0	0	0	0
0.015413	0	0	0	0	0	0
0.038293	0	0	0	0	0	0
0.019603	0	0	0	0	0	0
0.051377	0	0	0	0	0	0
0.213784	0	0	0	0	0	0
0.03434	0	0	0	0	0	0
0.033675	0	0	0	0	0	0
0.018305	0	0	0	0	0	0
0.024571	0	0	0	0	0	0
0.027599	0	0	0	0	0	0
0.021201	0	0	0	0	0	0
0.003757	0	0	0	0	0	0
0.005525	0	0	0	0	0	0
0.018696	0	0	0	0	0	0
0.005146	0	0	0	0	0	0
0.01159	0	0	0	0	0	0
0.009152	0	0	0	0	0	0
0.007519	0	0	0	0	0	0

0.00392	0	0	0	0	0	0
0.002245	0	0	0	0	0	0
0.002181	0	0	0	0	0	0
0.010356	0	0	0	0	0	0
0.003324	0	0	0	0	0	0
0.0013	0	0	0	0	0	0
0.01943	0	0	0	0	0	0
0.321579	0.01	0	16	12	0	28
0.007751	0	0	0	0	0	0
0.00604	0	0	0	0	0	0
0.004201	0	0	0	0	0	0
0.005781	0	0	0	0	0	0
0.01235	0	0	0	0	0	0
0.00213	0	0	0	0	0	0
0.005516	0	0	0	0	0	0
0.0018	0	0	0	0	0	0
0.001067	0	0	0	0	0	0
0.000842	0	0	0	0	0	0
0.006236	0	0	0	0	0	0
0.005053	0	0	0	0	0	0
0.005321	0	0	0	0	0	0
0.004969	0	0	0	0	0	0
0.003957	0	0	0	0	0	0
0.062797	0	0	0	0	0	0
0.037355	0	0	0	0	0	0
0.092701	0	0	0	0	0	0
0.050243	0	0	0	0	0	0
0.049048	0	0	0	0	0	0
0.064077	0	0	0	0	0	0
0.066925	0	0	0	0	0	0
0.028689	0	0	0	0	0	0
0.096192	0	0	0	0	0	0
0.142677	0	0	0	0	0	0
0.059004	0	0	0	0	0	0
0.013706	0	0	0	0	0	0
0.007025	0	0	0	0	0	0
0.006544	0	0	0	0	0	0
0.006167	0	0	0	0	0	0
0.010473	0	0	0	0	0	0
0.008912	0	0	0	0	0	0
0.010104	0	0	0	0	0	0
0.011374	0	0	0	0	0	0
0.006947	0	0	0	0	0	0
0.005133	0	0	0	0	0	0
0.006421	0	0	0	0	0	0
0.006092	0	0	0	0	0	0
0.005344	0	0	0	0	0	0
0.003449	0	0	0	0	0	0
0.005863	0	0	0	0	0	0
0.00574	0	0	0	0	0	0

0.003497	0	0	0	0	0	0
0.003907	0	0	0	0	0	0
0.00268	0	0	0	0	0	0
0.005274	0	0	0	0	0	0
0.009238	0	0	0	0	0	0
0.002843	0	0	0	0	0	0
0.003142	0	0	0	0	0	0
0.002016	0	0	0	0	0	0
0.002007	0	0	0	0	0	0
0.00161	0	0	0	0	0	0
0.001811	0	0	0	0	0	0
0.006592	0	0	0	0	0	0
0.046253	0	0	0	0	5	5
0.006974	0	0	0	0	0	0
0.013202	0	0	0	0	0	0
0.020715	0	0	0	0	0	0
0.004947	0	0	0	0	0	0
0.008604	0	0	0	0	0	0
0.005189	0	0	0	0	0	0
0.004668	0	0	0	0	0	0
0.039289	0	0	0	0	0	0
0.070231	0	0	0	0	0	0
0.073005	0	0	0	0	0	0
0.069328	0	0	0	0	0	0
0.047317	0	0	0	0	0	0
0.062527	0	0	0	0	0	0
0.040687	0	0	0	0	0	0
0.054222	0	0	0	0	0	0
0.033943	0	0	0	0	0	0
0.027073	0	0	0	0	0	0
0.027411	0	0	0	0	0	0
0.034172	0	0	0	0	0	0
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0.035011	0	0	0	0	0	0
0.073572	0	0	0	0	0	0
0.14943	0	0	0	0	0	0
0.017888	0	0	0	0	0	0
0.012689	0	0	0	0	0	0
0.008162	0	0	0	0	0	0
0.006694	0	0	0	0	0	0
0.006766	0	0	0	0	0	0
0.017001	0	0	0	0	0	0
0.017888	0	0	0	0	0	0
0.013563	0	0	0	0	0	0
0.022701	0	0	0	0	0	0
0.012442	0	0	0	0	0	0
0.012509	0	0	0	0	0	0
0.013884	0	0	0	0	0	0
0.023635	0	0	0	0	0	0
0.007464	0	0	0	0	0	0

0.004895	0	0	0	0	0	0
0.008453	0	0	0	0	0	0
0.003953	0	0	0	0	0	0
0.055136	0	0	0	0	0	0
0.014497	0	0	0	0	0	0
0.01621	0	0	0	0	0	0
0.019424	0	0	0	0	0	0
0.018347	0	0	0	0	0	0
0.018107	0	0	0	0	0	0
0.017113	0	0	0	0	0	0
0.070234	0	0	0	0	0	0
0.042715	0	0	0	0	0	0
0.022594	0	0	0	0	0	0
0.047436	0	0	0	0	0	0
0.052312	0	0	0	0	0	0
0.006171	0	0	0	0	0	0
0.002579	0	0	0	0	0	0
0.003875	0	0	0	0	0	0
0.006343	0	0	0	0	0	0
0.005786	0	0	0	0	0	0
0.888012	0	0	0	0	0	0
0.003963	0	0	0	0	0	0
0.003137	0	0	0	0	0	0
0.007387	0	0	0	0	0	0
0.007414	0	0	0	0	0	0
0.004207	0	0	0	0	0	0
0.070154	0	0	0	0	0	0
0.014588	0	0	0	0	0	0
0.003077	0	0	0	0	0	0
0.026854	0	0	0	0	0	0
0.04951	0	0	0	0	0	0
0.004075	0	0	0	0	0	0
0.005924	0	0	0	0	0	0
0.005905	0	0	0	0	0	0
0.026466	0	0	0	0	0	0
0.013261	0	0	0	0	0	0
0.008845	0	0	0	0	0	0
0.008192	0	0	0	0	0	0
0.048245	0	0	0	0	0	0
0.027535	0	0	0	0	0	0
0.031661	0	0	0	0	0	0
0.017509	0	0	0	0	0	0
0.017653	0	0	0	0	0	0
0.040444	0	0	0	0	0	0
0.012956	0	0	0	0	0	0
0.012087	0	0	0	0	0	0
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0.012809	0	0	0	0	0	0
0.026684	0	0	0	0	0	0
0.033641	0	0	0	0	0	0

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0.007443	0	0	0	0	0	0
0.007327	0	0	0	0	0	0
0.084854	0	0	0	0	0	0
0.136187	0	0	0	0	0	0
0.021587	0	0	0	0	0	0
0.00946	0	0	0	0	0	0
0.015379	0	0	0	0	0	0
0.012629	0	0	0	0	0	0
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0.006942	0	0	0	0	0	0
0.032541	0	0	0	0	0	0
0.034114	0	0	0	0	0	0
0.040202	0	0	0	0	0	0
0.014213	0	0	0	0	0	0
0.016271	0	0	0	0	2	2
0.023927	0	2	0	0	0	2
0.070148	0	0	0	0	0	0
0.006575	0	0	0	0	0	0
0.015744	0	0	0	0	0	0
0.013241	0	0	0	0	0	0
0.014724	0	0	0	0	0	0
0.03739	0	0	0	0	0	0
0.01378	0	0	0	0	0	0
0.021181	0	0	0	0	0	0
0.016551	0	0	0	0	0	0
0.010127	0	0	0	0	0	0
0.010659	0	0	0	0	0	0
0.031911	0	0	0	0	0	0
0.02007	0	0	0	0	0	0
0.055769	0	0	0	0	0	0
0.032259	0	0	0	0	0	0
0.027988	0	0	0	0	0	0
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0.038028	0	0	0	0	0	0
0.047239	0	0	0	0	0	0
0.028144	0	0	0	0	0	0
0.047515	0	0	0	0	0	0
0.127027	0	0	0	0	0	0
0.055521	0	0	0	0	0	0
0.023819	0	0	0	0	0	0
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0.32654	0	0	0	0	0	0
0.114206	0	0	0	0	0	0
0.631637	0	0	0	0	0	0
0.019791	0	0	0	0	0	0
0.164592	0	0	0	0	0	0
0.106928	0	0	0	0	0	0
0.054155	0	0	0	0	0	0



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0.02713	0	0	0	0	0	0
0.388719	0	0	0	0	0	0
0.000919	0	0	0	0	0	0
0.004235	0	0	0	0	0	0
0.012195	0	0	0	0	0	0
0.011848	0	0	0	0	0	0
0.089548	0	0	0	0	0	0
0.006111	0	0	0	0	0	0
0.005118	0	0	0	0	0	0
0.006622	0	0	0	0	0	0
0.0057	0	0	0	0	0	0
0.023539	0	0	0	0	0	0
0.014285	0	0	0	0	0	0
0.013288	0	0	0	0	0	0
0.035508	0	0	0	0	0	0
0.021088	0	0	0	0	0	0
0.023397	0	0	0	0	0	0
0.037734	0	0	0	0	0	0
0.017616	0	0	0	0	0	0
0.016683	0	0	0	0	0	0
0.027795	0	0	0	0	0	0
0.008335	0	0	0	0	0	0
0.045164	0	0	0	0	0	0
0.023674	0	0	4	4	0	8
0.007193	0	0	0	0	0	0
0.006557	0	0	0	0	0	0
0.017783	0	0	0	0	0	0
0.009	0	0	0	0	0	0
0.034867	0	0	0	0	0	0
0.049575	0	0	0	0	0	0
0.029742	0	0	0	0	0	0
0.023637	0	0	0	0	0	0
0.0176	0	0	0	0	0	0
0.032025	0	0	0	0	0	0
0.0854	0	0	0	0	0	0
0.040677	0	0	0	0	0	0
0.034103	0	0	0	0	0	0
0.037292	0	0	0	0	0	0
0.034441	0	0	0	0	0	0
0.035301	0	0	0	0	0	0
0.032638	0	0	0	0	0	0
0.032446	0	0	0	0	0	0
0.062201	0	0	0	0	0	0
0.062886	0	0	0	0	0	0
0.051155	0	0	0	0	0	0
0.036426	0	0	0	0	0	0
0.075321	0	0	0	0	0	0
0.121724	0	0	0	0	0	0

0.044904	0	0	0	0	0	0
0.017228	0	0	0	0	0	0
0.025565	0	0	0	0	0	0
0.032078	0	0	0	0	0	0
0.038463	0	0	0	0	0	0
0.033405	0	0	0	0	0	0
0.038449	0	0	0	0	0	0
0.139618	0	0	0	0	0	0
0.034213	0	0	0	0	0	0
0.018709	0	0	0	0	0	0
0.033971	0	0	0	0	0	0
0.0543	0	0	0	0	0	0
0.062515	0	0	0	0	0	0
0.183608	0	0	0	0	0	0
0.019183	0	0	0	0	0	0
0.017773	0	0	0	0	0	0
0.011905	0	0	0	0	0	0
0.01851	0	0	0	0	0	0
0.020363	0	0	0	0	0	0
0.013032	0	0	0	0	0	0
0.009726	0	0	0	0	0	0
0.007318	0	0	0	0	0	0
0.006883	0	0	0	0	0	0
0.005348	0	0	0	0	0	0
0.004514	0	0	0	0	0	0
0.008094	0	0	0	0	0	0
0.231919	0	0	0	0	0	0
0.018705	0	0	0	0	0	0
0.004405	0	0	0	0	0	0
0.007589	0	0	0	0	0	0
0.01309	0	0	0	0	0	0
0.045277	0	0	0	0	0	0
0.008361	0	0	0	0	0	0
0.006679	0	0	0	0	0	0
0.004329	0	0	0	0	0	0
0.006294	0	0	0	0	0	0
0.022931	0	0	0	0	0	0
0.017163	0	0	0	0	0	0
0.036588	0	0	0	0	0	0
0.045431	0	0	0	0	0	0
0.057035	0	0	0	0	0	0
0.04187	0	0	0	0	0	0
0.034853	0	0	0	0	0	0
0.027761	0	0	0	0	0	0
0.033238	0	0	0	0	0	0
0.036728	0	0	0	0	0	0
0.041587	0	0	0	0	0	0
0.042173	0	0	0	0	0	0
0.032576	0	0	0	0	0	0
0.045826	0	0	0	0	0	0

0.262276	0.03	0	0	0	0	0
0.021325	0	0	0	0	0	0
0.066041	0	0	0	0	0	0
0.031726	0	0	0	0	0	0
0.05406	0	0	0	0	0	0
0.049426	0	0	0	0	0	0
0.05307	0	0	0	0	0	0
0.044049	0	0	0	0	0	0
0.083258	0	0	0	0	0	0
0.120974	0	0	0	0	2	2
0.052844	0	2	0	0	0	2
0.033042	0	0	0	0	0	0
0.020922	0	0	0	0	0	0
0.041097	0	0	0	0	0	0
0.023467	0	0	0	0	0	0
0.014336	0	0	0	0	0	0
0.033081	0	0	0	0	0	0
0.034455	0	0	0	0	0	0
0.020485	0	0	0	0	0	0
0.013037	0	0	0	0	0	0
0.06177	0	0	0	0	0	0
0.046264	0	0	0	0	0	0
0.028598	0	0	0	0	0	0
0.031211	0	0	0	0	0	0
0.027696	0	0	0	0	0	0
0.017704	0	0	0	0	0	0
0.035367	0	0	0	0	0	0
0.305409	0	0	0	0	0	0
0.036957	0	0	0	0	0	0
0.134492	0	0	0	0	0	0
0.0302	0	0	0	0	0	0
0.08964	0	0	0	0	0	0
0.031749	0	0	0	0	0	0
0.00714	0	0	0	0	0	0
0.008738	0	0	0	0	0	0
0.009184	0	0	0	0	0	0
0.013797	0	0	0	0	0	0
0.019671	0	0	0	0	0	0
0.012321	0	0	0	0	0	0
0.007428	0	0	0	0	0	0
0.026406	0	0	0	0	0	0
0.051221	0	0	0	0	0	0
0.013756	0	0	0	0	0	0
0.006156	0	0	0	0	0	0
0.006089	0	0	0	0	0	0
0.013487	0	0	0	0	0	0
0.009605	0	0	0	0	0	0
0.040656	0	0	0	0	0	0
0.023564	0	0	0	0	0	0
0.019394	0	0	0	0	0	0

0.014855	0	0	0	0	0	0
0.042869	0	0	0	0	0	0
0.010226	0	0	0	0	0	0
0.013197	0	0	0	0	0	0
0.010322	0	1	0	0	0	1
0.00834	0	0	0	0	0	0
0.019221	0	0	0	0	0	0
0.022467	0	0	0	0	0	0
0.024845	0	0	0	0	0	0
0.002422	0	0	0	0	0	0
0.005512	0	0	0	0	0	0
0.02361	0.01	0	0	0	0	0
0.011272	0.02	0	0	0	0	0
0.006309	0.05	0	0	0	0	0
0.001901	0	0	0	0	0	0
0.00131	0	0	0	0	1	1
0.026919	0	0	0	0	0	0
0.030544	0	0	0	0	0	0
0.04203	0	0	0	0	0	0
0.066734	0	0	0	0	0	0
0.004783	0	0	0	0	0	0
0.027409	0	0	0	0	0	0
0.029086	0	0	0	0	0	0
0.00183	0	0	0	0	0	0
0.01406	0	0	0	0	0	0
0.076005	0	0	0	0	0	0
0.071353	0	0	0	0	0	0
0.04641	0	0	0	0	0	0
0.022106	0	0	0	0	0	0
0.024388	0	0	0	0	0	0
0.027178	0	0	0	0	0	0
0.040386	0	0	0	0	0	0
0.028545	0	0	0	0	0	0
0.087163	0	0	0	0	0	0
0.045934	0	0	0	0	0	0
0.033159	0	0	0	0	0	0
0.047768	0	0	0	0	0	0
0.082234	0	0	0	0	0	0
0.026296	0	0	0	0	0	0
0.084755	0	0	0	0	0	0
0.032786	0	0	0	0	0	0
0.029506	0	0	0	0	0	0
0.011734	0	0	0	0	0	0
0.051057	0	0	0	0	0	0
0.039079	0	0	0	0	0	0
0.100081	0	0	0	0	0	0
0.117923	0	0	0	0	0	0
0.068366	0	0	0	0	0	0
0.053796	0	0	0	0	0	0
0.039554	0	0	0	0	0	0

0.023014	0	0	0	0	0	0
0.031651	0	0	0	0	0	0
0.020361	0	0	0	0	0	0
0.070357	0	0	4	0	0	4
0.080189	0	0	0	0	0	0
0.063444	0.03	0	0	0	0	0
0.002541	0	0	0	0	0	0
0.000615	0	0	0	0	0	0
0.002054	0	0	0	0	0	0
0.005076	0	0	0	0	0	0
0.00509	0	0	0	0	0	0
0.005137	0	0	0	0	0	0
0.006669	0	0	0	0	0	0
0.007346	0	0	0	0	0	0
0.005703	0	0	0	0	0	0
0.027048	0	0	0	0	0	0
0.020609	0	0	0	0	0	0
0.009657	0	0	0	0	0	0
0.041654	0	0	0	0	0	0
0.031642	0	0	0	0	0	0
0.025415	0	0	0	0	0	0
0.039891	0	0	0	0	0	0
0.067903	0	0	0	0	0	0
0.08027	0	0	0	0	0	0
0.074453	0	0	0	0	0	0
0.031848	0.01	0	0	0	0	0
0.024277	0	0	0	0	0	0
0.005968	0.01	0	0	0	0	0
0.037123	0.01	0	0	0	0	0
0.045478	0	0	0	0	0	0
0.184771	0	0	0	0	0	0
0.235352	0	0	0	0	0	0
0.231785	0	0	0	0	0	0
0.012268	0	0	0	0	0	0
0.017638	0	0	0	0	0	0
0.012083	0	0	0	0	0	0
0.00883	0	0	0	0	0	0
0.014433	0	0	0	0	0	0
0.044831	0	0	0	0	0	0
0.004693	0	0	0	0	0	0
0.046168	0	0	0	0	0	0
0.290664	0	0	0	0	0	0
0.018292	0	0	0	0	0	0
0.007903	0	0	0	0	0	0
0.014565	0	0	0	0	0	0
0.034954	0	0	0	0	0	0
0.010335	0	0	0	0	0	0
0.009237	0	0	0	0	0	0
0.028192	0	0	0	0	0	0
0.021364	0	0	0	0	0	0

0.008021	0	0	0	0	0	0
0.025848	0	0	0	0	0	0
0.015365	0	0	0	0	0	0
0.035801	0	0	0	0	0	0
0.038756	0	0	0	0	0	0
0.071299	0	0	0	0	0	0
0.038028	0	0	0	0	0	0
0.044249	0	0	0	0	0	0
0.025031	0	0	0	0	0	0
0.019594	0	0	0	0	0	0
0.005595	0	0	0	0	0	0
0.006711	0	0	0	0	0	0
0.00614	0	0	0	0	0	0
0.09038	0.04	0	0	0	6	6
0.017416	0	6	0	0	0	6
0.047622	0	0	0	0	0	0
0.047689	0	0	0	0	0	0
0.096786	0	0	0	0	0	0
0.001808	0	0	0	0	0	0
0.157578	0	0	0	0	0	0
0.005602	0	0	0	0	0	0
0.00666	0	0	0	0	0	0
0.003293	0	0	0	0	0	0
0.11446	0.01	0	0	0	0	0
0.009835	0	0	0	0	0	0
0.014641	0	0	0	0	0	0
0.007933	0	0	0	0	0	0
0.004462	0	0	0	0	0	0
0.003403	0	0	0	0	0	0
0.009145	0	0	0	0	0	0
0.145095	0	0	0	0	0	0
0.715493	0	0	0	0	0	0
0.338142	0	0	0	0	2	2
0.127571	0	0	0	0	3	3
0.011127	0	3	0	0	0	3
0.023511	0	0	0	0	0	0
0.005247	0	0	0	0	0	0
0.010212	0	0	0	0	0	0
0.012885	0	0	0	0	0	0
0.002757	0	0	0	0	0	0
0.006639	0	0	0	0	0	0
0.003384	0	0	0	0	0	0
0.001682	0	0	0	0	0	0
0.000739	0	0	0	0	0	0
0.000829	0	0	0	0	0	0
0.000736	0	0	0	0	0	0
0.000909	0	0	0	0	0	0
0.000725	0	0	0	0	0	0
0.000605	0	0	0	0	0	0
0.000893	0	0	0	0	0	0

0.000654	0	0	0	0	0	0
0.00117	0	0	0	0	0	0
0.00058	0	0	0	0	0	0
0.000687	0	0	0	0	0	0
0.000642	0	0	0	0	0	0
0.000531	0	0	0	0	0	0
0.000997	0	0	0	0	0	0
0.025467	0	0	0	0	0	0
0.02357	0	0	0	0	0	0
0.033589	0	0	0	0	0	0
0.030711	0	0	0	0	0	0
0.036117	0	0	0	0	0	0
0.020576	0	0	0	0	0	0
0.016804	0	0	0	0	0	0
0.013264	0	0	0	0	0	0
0.095287	0	0	0	0	0	0
0.096579	0	0	0	0	0	0
0.010562	0	0	0	0	0	0
0.010978	0	0	0	0	0	0
0.011651	0	0	0	0	0	0
0.025559	0	0	0	0	0	0
0.0365	0	0	0	0	0	0
0.029713	0	0	0	0	0	0
0.026644	0	0	0	0	0	0
0.030274	0	0	0	0	0	0
0.016957	0	0	0	0	0	0
0.033033	0	0	0	0	0	0
0.010072	0	0	0	0	0	0
0.011174	0	0	0	0	0	0
0.007189	0	0	0	0	0	0
0.010243	0	0	0	0	0	0
0.008023	0	0	0	0	0	0
0.03904	0	0	0	0	0	0
0.060528	0	0	0	0	0	0
0.011417	0	0	0	0	0	0
0.008781	0	0	0	0	0	0
0.00726	0	0	0	0	0	0
0.012923	0	0	0	0	0	0
0.010424	0	0	0	0	0	0
0.008135	0	0	0	0	0	0
0.008825	0	0	0	0	0	0
0.007784	0	0	0	0	0	0
0.012042	0	0	0	0	0	0
0.009104	0	0	0	0	0	0
0.194845	0	0	0	0	0	0
0.278075	0.01	0	0	0	0	0
0.142824	0.02	0	0	0	0	0
0.122734	0	0	0	0	0	0
0.171866	0.02	0	0	0	0	0
0.15203	0	0	0	0	0	0

0.155683	0	0	0	0	0	0
0.237153	0	0	0	0	0	0
0.093484	0	0	0	0	0	0
0.032318	0	0	0	0	0	0
0.097037	0	0	0	0	0	0
0.343497	0.07	0	0	0	0	0
0.031418	0	0	0	0	0	0
0.02225	0	0	0	0	0	0
0.108459	0	0	0	0	0	0
0.033704	0	0	0	0	0	0
0.040535	0	0	0	0	0	0
0.069714	0	0	0	0	0	0
0.022996	0	0	0	0	0	0
0.055358	0	0	0	0	0	0
0.081586	0	0	0	0	0	0
0.092271	0	0	0	0	0	0
0.023603	0	0	0	0	0	0
0.039436	0	0	0	0	0	0
0.771345	0	0	0	0	0	0
0.034489	0	0	0	0	0	0
0.024273	0	0	0	0	0	0
0.022099	0	0	0	0	0	0
0.121828	0	0	0	0	0	0
0.018837	0	0	0	0	0	0
0.010961	0	0	0	0	0	0
0.007849	0	0	0	0	0	0
0.020602	0	0	0	0	0	0
0.02347	0	0	0	0	0	0
0.022419	0	0	0	0	0	0
0.025532	0	0	0	0	0	0
0.010045	0	0	0	0	0	0
0.010997	0	0	0	0	0	0
0.009938	0	0	0	0	0	0
0.012282	0	0	0	0	0	0
0.013147	0	0	0	0	0	0
0.038866	0	0	0	0	0	0
0.053491	0	0	0	0	0	0
0.126124	0	0	0	0	0	0
0.008169	0	0	0	0	0	0
0.011901	0	0	0	0	0	0
0.043067	0	0	0	0	0	0
0.096484	0.04	0	0	0	0	0
0.027458	0	0	0	0	0	0
0.054383	0	0	0	0	0	0
0.015263	0	0	0	0	0	0
0.016961	0	0	0	0	0	0
0.014932	0	0	0	0	0	0
0.016331	0	0	0	0	0	0
0.007521	0	0	0	0	0	0
0.004697	0	0	0	0	0	0



0.017856	0	0	0	0	0	0
0.041788	0	0	0	0	0	0
0.002398	0	5	0	0	0	5
0.004417	0	0	0	0	0	0
0.004963	0	0	0	0	0	0
0.004934	0	0	0	0	0	0
0.004853	0	0	0	0	0	0
0.002088	0	0	0	0	0	0
0.00094	0	0	0	0	0	0
0.002484	0	0	0	0	0	0
0.009368	0	0	0	0	0	0
0.002942	0	0	0	0	0	0
0.040973	0	0	0	0	0	0
0.050508	0	0	0	0	0	0
0.028344	0	0	0	0	0	0
0.048681	0	0	0	0	0	0
0.04378	0	0	0	0	0	0
0.04776	0	0	0	0	0	0
0.021226	0	0	0	0	0	0
0.016122	0	0	0	0	0	0
0.00848	0.02	0	0	0	0	0
0.000389	0	0	0	0	0	0
0.000981	0	0	0	0	0	0
0.000339	0	0	0	0	0	0
0.002561	0	0	0	0	0	0
0.005289	0	0	0	0	0	0
0.002413	0	0	0	0	0	0
0.000439	0	0	0	0	0	0
0.000153	0	10	0	0	0	10
0.004453	0	0	0	0	2	2
0.000497	0	0	0	0	0	0
0.007482	0.02	0	0	0	0	0
0.005134	0	0	0	0	0	0
0.013	0	0	0	0	0	0
0.035681	0.01	0	0	0	1	1
0.084423	0.24	1	0	0	0	1
0.124885	0	0	0	0	0	0
0.047104	0	0	0	0	0	0
0.083402	0	0	0	0	0	0
0.057476	0	0	0	0	0	0
0.102664	0	0	0	0	0	0
0.0449	0	0	0	0	0	0
0.047896	0	0	0	0	0	0
0.029065	0	0	0	0	0	0
0.038029	0	0	0	0	0	0
0.034353	0	0	0	0	0	0
0.029175	0	0	0	0	0	0
0.041824	0	0	0	0	0	0
0.119726	0	0	0	0	0	0
0.062667	0	0	0	0	0	0

0.051454	0	0	0	0	0	0
0.075311	0	0	0	0	0	0
0.074237	0	0	0	0	0	0
0.019302	0	0	0	0	0	0
0.022381	0	0	0	0	0	0
0.057689	0	0	0	0	0	0
0.039225	0	0	0	0	0	0
0.066082	0	0	0	0	0	0
0.044053	0	0	0	0	0	0
0.056594	0	0	0	0	0	0
0.03044	0	0	0	0	0	0
0.058806	0	0	0	0	0	0
0.129925	0	0	0	0	0	0
0.012421	0	0	0	0	0	0
0.013591	0	0	0	0	0	0
0.01256	0	0	0	0	0	0
0.035405	0	0	0	0	0	0
0.015101	0	0	0	0	0	0
0.018382	0	0	0	0	0	0
0.010503	0	0	0	0	0	0
0.011113	0	0	0	0	0	0
0.029975	0.02	0	0	0	0	0
0.03644	0	0	0	0	0	0
0.018974	0	0	0	0	0	0
0.033079	0	0	0	0	0	0
0.034639	0	0	0	0	0	0
0.050552	0	0	0	0	0	0
0.067671	0	0	0	0	0	0
0.010913	0	0	0	0	0	0
0.01269	0	0	0	0	0	0
0.012625	0	0	0	0	0	0
0.016312	0	0	0	0	0	0
0.015065	0	0	0	0	0	0
0.010605	0	0	0	0	0	0
0.008598	0	0	0	0	0	0
0.049696	0	0	0	0	0	0
0.004848	0	0	0	0	0	0
0.003931	0	0	0	0	0	0
0.001826	0	0	0	0	0	0
0.001536	0	0	0	0	0	0
0.002363	0	0	0	0	0	0
0.00804	0	0	0	0	0	0
0.009962	0	0	0	0	0	0
0.018324	0	0	0	0	0	0
0.037311	0	0	0	0	0	0
0.903253	0	0	0	0	0	0
0.009423	0	0	0	0	0	0
0.010101	0	0	0	0	0	0
0.002804	0	0	0	0	0	0
0.013697	0	0	0	0	0	0

0.002523	0	0	0	0	0	0
0.004914	0	0	0	0	0	0
0.006537	0	0	0	0	0	0
0.005533	0	0	0	0	0	0
0.020509	0	0	0	0	0	0
0.16519	0	0	0	0	0	0
0.057529	0	0	0	0	0	0
0.005138	0	0	0	0	0	0
0.003704	0	0	0	0	0	0
0.034166	0	0	0	0	0	0
0.013606	0	0	0	0	0	0
0.020531	0	0	0	0	0	0
0.007642	0	0	0	0	0	0
0.006429	0	0	0	0	0	0
0.017056	0	0	0	0	1	1
0.024551	0	1	0	0	0	1
0.009906	0	0	0	0	0	0
0.024061	0	0	0	0	0	0
0.005349	0	0	0	0	0	0
0.006967	0	0	0	0	0	0
0.008201	0	0	5	0	0	5
0.00326	0	0	0	0	0	0
0.000341	0	0	0	0	0	0
0.001634	0	0	0	0	0	0
0.002142	0	0	0	0	0	0
0.000424	0	0	0	0	0	0
0.048818	0	0	0	0	0	0
0.000032	0	0	0	0	0	0
0.000207	0	0	0	0	0	0
0.004261	0	0	0	0	0	0
0.00432	0	0	0	0	0	0
0.002395	0	0	0	0	0	0
0.0021	0	0	0	0	0	0
0.010517	0	0	0	0	0	0
0.040037	0	0	0	0	0	0
0.058358	0	0	0	0	0	0
0.08903	0	0	0	0	0	0
0.018152	0	0	0	0	0	0
0.074631	0	0	0	0	0	0
0.009461	0	0	0	0	0	0
0.011796	0	0	0	0	0	0
0.070146	0	0	0	0	0	0
0.03444	0	0	0	0	0	0
0.018126	0	0	0	0	0	0
0.015292	0	0	0	0	0	0
0.017921	0	0	0	0	0	0
0.012279	0	0	0	0	0	0
0.00919	0	0	0	0	0	0
0.003113	0	0	0	0	0	0
0.003169	0	0	0	0	0	0

0.468582	0	0	0	0	0	0
0.002836	0	0	0	0	0	0
0.004047	0	0	0	0	0	0
0.002966	0	0	0	0	0	0
0.002658	0	0	0	0	0	0
0.002379	0	0	0	0	0	0
0.003901	0	0	0	0	0	0
0.002321	0	0	0	0	0	0
0.003875	0	0	0	0	0	0
0.004322	0	0	0	0	0	0
0.011621	0	0	0	0	0	0
0.001161	0	0	0	0	0	0
0.000915	0	0	0	0	0	0
0.007092	0	0	0	0	0	0
0.00359	0	0	0	0	0	0
0.003962	0	0	0	0	0	0
0.094004	0	0	0	0	0	0
0.003275	0	0	0	0	0	0
0.004546	0	0	0	0	0	0
0.01402	0	0	0	0	0	0
0.007729	0	0	0	0	0	0
0.020088	0	0	0	0	0	0
0.009021	0	0	0	0	0	0
0.006247	0.02	0	0	0	3	3
0.003044	0.01	3	0	0	0	3
0.00356	0	0	0	0	0	0
0.017076	0	0	0	0	0	0
0.031204	0	0	0	0	0	0
0.009267	0	0	0	0	0	0
0.008098	0	0	0	0	0	0
0.005251	0	0	0	0	0	0
0.005218	0	0	0	0	0	0
0.013927	0	0	0	0	0	0
0.010032	0	0	0	0	0	0
0.010641	0	0	0	0	0	0
0.021613	0	0	0	0	0	0
0.011038	0	0	0	0	0	0
0.014342	0	0	0	0	0	0
0.020337	0	0	0	0	0	0
0.032026	0	0	0	0	0	0
0.015128	0	0	0	0	0	0
0.022022	0	0	0	0	0	0
0.014286	0	0	0	0	0	0
0.023341	0	0	0	0	0	0
0.048469	0	0	0	0	0	0
0.029078	0	0	0	0	0	0
0.020883	0	0	0	0	0	0
0.025365	0	0	0	0	0	0
0.024737	0	0	0	0	0	0
0.014766	0	0	0	0	0	0

0.010986	0	0	0	0	0	0
0.007551	0	0	0	0	0	0
0.016199	0	0	0	0	0	0
0.014858	0	0	0	0	0	0
0.037008	0	0	0	0	0	0
0.017649	0	0	0	0	0	0
0.009189	0	0	0	0	0	0
0.006455	0	0	0	0	6	6
0.068817	0.14	6	0	0	0	6
0.003872	0	0	0	0	0	0
0.008193	0	0	0	0	0	0
0.003695	0	0	0	0	0	0
0.011456	0.01	0	0	0	0	0
0.00774	0	0	0	0	0	0
0.006421	0	0	0	0	0	0
0.126229	0	0	0	0	0	0
0.058488	0	0	2	0	0	2
0.013465	0	0	0	0	0	0
0.01916	0	0	0	0	5	5
0.013517	0	5	0	0	0	5
0.017477	0	0	0	0	0	0
0.00881	0	0	0	0	0	0
0.005715	0	0	0	0	0	0
0.045941	0.01	0	0	0	16	16
0.033096	0	0	0	0	0	0
0.103744	0	0	0	0	0	0
0.034366	0	0	0	0	0	0
0.148067	0	0	0	0	0	0
0.124023	0	0	0	0	0	0
0.123925	0	0	0	0	0	0
0.083696	0	0	0	0	0	0
0.020957	0	0	0	0	0	0
0.041622	0	0	0	0	0	0
0.02325	0	0	0	0	0	0
0.009383	0	0	0	0	0	0
0.082057	0	0	0	0	0	0
0.01219	0	0	0	0	0	0
0.006456	0	0	0	0	0	0
0.009426	0	0	0	0	0	0
0.013642	0	0	0	0	0	0
0.005074	0	0	0	0	0	0
0.004969	0	0	0	0	0	0
0.019325	0.05	0	0	0	0	0
0.001205	0	0	0	0	0	0
0.001496	0	0	0	0	0	0
0.001148	0	0	0	0	4	4
0.000618	0	4	0	0	0	4
0.003456	0	0	2	5	6	13
0.003443	0	6	0	0	0	6
0.003459	0	0	0	12	4	16

0.000798	0	4	0	0	0	4
0.00102	0	0	0	0	0	0
0.000775	0	0	0	0	0	0
0.002579	0	0	0	0	13	13
0.000654	0	0	0	0	0	0
0.002195	0	0	0	0	0	0
0.001174	0	0	0	0	0	0
0.590234	0	0	0	0	0	0
0.007731	0	0	0	4	0	4
0.006982	0	0	0	0	0	0
0.002844	0	13	0	0	1	14
0.001714	0	1	0	0	0	1
0.004003	0	0	0	0	0	0
0.001632	0	0	0	0	0	0
0.001817	0	0	0	0	0	0
0.001692	0	0	0	0	0	0
0.037224	0	0	0	0	0	0
0.610916	0.13	0	0	4	0	4
0.030451	0	0	0	0	0	0
0.128345	0	0	0	0	0	0
0.630805	0	0	0	0	0	0
0.073258	0	0	0	0	0	0
0.02489	0	0	0	0	0	0
0.014705	0	0	0	0	0	0
0.484962	0	0	0	0	0	0
0.113199	0	0	0	0	0	0
0.034671	0	0	0	0	0	0
0.165963	0	0	0	0	0	0
0.01643	0	0	0	0	0	0
0.008363	0	0	0	0	0	0
0.041558	0	0	0	0	0	0
0.288389	0	0	0	0	0	0
0.017992	0	0	0	0	0	0
0.104115	0	0	0	0	0	0
0.056079	0	0	0	0	0	0
0.045899	0	0	0	0	0	0
0.07758	0	0	0	0	0	0
0.018949	0	0	0	0	0	0
0.072668	0	0	0	0	0	0
0.117716	0	0	0	6	0	6
0.13941	0	0	0	0	0	0
0.048032	0	0	0	0	0	0
0.083502	0	0	0	0	0	0
0.046538	0	0	0	0	0	0
0.047565	0	0	0	0	0	0
0.11161	0	0	0	0	0	0
0.05291	0.02	0	0	0	0	0
0.177335	0	0	0	0	0	0
0.175203	0	0	0	0	0	0
0.295622	0.11	0	0	0	0	0

0.06186	0	0	0	0	10	10
0.094814	0	0	0	0	0	0
0.051935	0	0	0	0	0	0
0.224031	0	0	0	0	0	0
0.035701	0	0	0	0	0	0
0.013918	0	0	0	0	0	0
0.023667	0	0	0	0	0	0
0.022087	0	0	0	0	0	0
0.01763	0	0	0	0	0	0
0.021082	0	0	0	0	0	0
0.070393	0	0	0	0	0	0
0.029709	0	0	0	0	0	0
0.017881	0	0	0	0	0	0
0.026755	0	0	0	0	0	0
0.007901	0	0	0	0	0	0
0.017418	0	0	0	0	0	0
0.002819	0	0	0	0	0	0
0.001586	0	0	0	0	0	0
0.001822	0	0	0	0	0	0
0.002477	0	0	0	0	0	0
0.002762	0	0	0	0	0	0
0.069821	0.01	0	0	0	0	0
0.031238	0	4	0	0	0	4
0.112517	0	0	0	0	0	0
0.013343	0	0	0	0	0	0
0.046031	0	0	0	0	0	0
0.044958	0	0	0	0	0	0
0.055546	0	0	0	0	0	0
0.154932	0	0	0	0	0	0
0.013842	0	0	0	0	0	0
0.046031	0	0	0	0	0	0
0.021018	0	0	6	6	0	12
0.015854	0	0	0	0	0	0
0.040828	0	0	0	0	0	0
0.140701	0	0	0	0	0	0
0.094592	0	0	0	0	0	0
0.058792	0	0	0	0	0	0
0.145533	0	0	0	0	0	0
0.144026	0	0	0	0	4	4
0.136115	0	0	0	0	0	0
0.125276	0	0	0	0	0	0
0.014802	0	0	0	0	0	0
0.015638	0	0	0	0	0	0
0.02127	0	0	0	0	0	0
0.040481	0	0	0	0	0	0
0.02087	0	0	0	0	0	0
0.029944	0	0	0	0	0	0
0.034661	0	0	0	0	0	0
0.020998	0	0	0	0	0	0
0.015986	0	0	0	0	0	0

0.018408	0	0	0	0	0	0
0.017595	0	0	0	0	0	0
0.023848	0	0	0	0	0	0
0.015169	0	0	0	0	0	0
0.027795	0	0	0	0	0	0
0.03684	0	0	0	0	0	0
0.017028	0	0	0	0	0	0
0.049223	0	0	0	0	0	0
0.034584	0	0	0	0	0	0
0.024257	0	0	0	0	0	0
0.024726	0	0	0	0	0	0
0.018792	0	0	0	0	0	0
0.021518	0	0	0	0	0	0
0.022191	0	0	0	0	0	0
0.024608	0	0	0	0	0	0
0.009476	0	0	0	5	0	5
0.281953	0.06	0	0	1	0	1
0.056711	0	0	0	0	0	0
0.038085	0	0	0	0	0	0
0.017015	0	0	0	0	0	0
0.000486	0	0	4	0	0	4
0.009057	0	0	0	0	0	0
0.004024	0	0	0	0	0	0
0.004086	0	0	0	0	0	0
0.002719	0	0	0	0	1	1
0.00693	0	1	1	0	0	2
0.018179	0	0	0	0	0	0
0.040469	0	0	0	0	0	0
0.001953	0	0	0	0	0	0
0.001439	0	0	0	0	0	0
0.000935	0	0	0	0	0	0
0.001316	0	0	0	0	0	0
0.006491	0	0	0	0	0	0
0.004239	0	0	5	5	0	10
0.254968	0.03	0	0	0	0	0
0.148269	0	0	0	0	0	0
0.058617	0	0	0	0	0	0
0.069361	0	0	0	0	0	0
0.065912	0	0	0	0	0	0
0.06263	0	0	0	0	0	0
0.039142	0	0	0	0	0	0
0.054995	0	0	0	0	0	0
0.036585	0	0	0	0	0	0
0.041283	0	0	0	0	0	0
0.061674	0	0	0	0	0	0
0.038872	0	0	0	0	0	0
0.046504	0	0	0	0	0	0
0.031228	0	0	0	0	0	0
0.09337	0	0	0	0	0	0
0.054411	0	0	0	0	0	0



0.054447	0	0	0	0	0	0
0.037706	0	0	0	0	0	0
0.050236	0	0	0	0	0	0
0.033938	0	0	0	0	0	0
0.035612	0	0	0	0	0	0
0.041669	0	0	0	0	0	0
0.036311	0	0	0	0	0	0
0.043181	0	0	0	0	0	0
0.03886	0	0	0	0	0	0
0.028275	0	0	0	0	0	0
0.036344	0	0	0	0	0	0
0.039929	0	0	0	0	0	0
0.030192	0	0	0	0	0	0
0.071707	0	0	0	0	0	0
0.047603	0	0	0	0	0	0
0.042465	0	0	0	0	0	0
0.057202	0	0	0	0	0	0
0.044304	0	0	0	0	0	0
0.035252	0	0	0	0	0	0
0.054782	0	0	0	0	0	0
0.087377	0	0	0	0	0	0
0.054908	0	0	0	0	0	0
0.055705	0	0	0	0	0	0
0.043183	0	0	0	0	0	0
0.041905	0	0	0	0	0	0
0.024446	0	0	0	0	0	0
0.029729	0	0	0	0	0	0
0.026622	0	0	0	0	0	0
0.023932	0	0	0	0	0	0
0.03061	0	0	0	0	0	0
0.223968	0	0	0	0	0	0
0.033542	0	0	0	0	0	0
0.014355	0	0	0	0	0	0
0.033054	0	0	0	0	0	0
0.038624	0	0	0	0	0	0
0.018314	0	0	0	0	0	0
0.017406	0	0	0	0	0	0
0.028528	0	0	0	0	0	0
0.018094	0	0	0	0	0	0
0.039121	0	0	0	0	0	0
0.041536	0	0	0	0	0	0
0.026258	0	0	0	0	0	0
0.041718	0	0	0	0	0	0
0.032051	0	0	0	0	0	0
0.031322	0	0	0	0	0	0
0.113536	0	0	0	0	0	0
0.069053	0	0	0	0	0	0
0.09839	0	0	0	0	0	0
0.433637	0	0	0	0	0	0
0.090583	0	0	0	0	0	0

0.047764	0	0	0	0	0	0
0.020028	0	0	0	0	0	0
0.020245	0	0	0	0	0	0
0.013101	0	0	0	0	0	0
0.01957	0	0	0	0	0	0
0.02918	0	0	0	0	0	0
0.08084	0	0	0	0	0	0
0.017652	0	0	0	0	0	0
0.057398	0	0	0	0	0	0
0.026304	0	0	0	0	0	0
0.021464	0	0	0	0	0	0
0.015858	0	0	0	0	0	0
0.034977	0	0	0	0	0	0
0.028597	0	0	0	0	0	0
0.017107	0	0	0	0	0	0
0.100682	0	0	0	0	0	0
0.038651	0	0	0	0	0	0
0.031716	0	0	0	0	0	0
0.024656	0	0	0	0	0	0
0.038195	0	0	0	0	0	0
0.533492	0.04	0	0	0	0	0
0.056238	0	0	0	0	0	0
0.041109	0	0	0	0	0	0
0.035198	0	0	0	0	0	0
0.024887	0	0	0	0	0	0
0.031326	0	0	0	0	0	0
0.051197	0	0	0	0	0	0
0.002092	0	0	0	0	0	0
0.000359	0	0	0	0	0	0
0.001158	0	0	0	0	0	0
0.001587	0	0	0	0	0	0
0.001325	0	0	0	0	0	0
0.003054	0	0	0	0	0	0
0.00082	0	0	0	0	0	0
0.001366	0	0	0	0	0	0
0.001126	0	0	0	0	0	0
0.011784	0	0	0	0	0	0
0.012014	0	0	0	0	0	0
0.000391	0	0	0	0	0	0
0.004576	0	0	6	0	0	6
0.002901	0	0	0	0	0	0
0.002675	0	0	0	0	0	0
0.08675	0	0	0	0	0	0
0.060299	0	0	0	0	0	0
0.068917	0	0	0	0	0	0
0.040287	0	0	0	0	0	0
0.051352	0	0	0	0	0	0
0.052413	0	0	0	0	0	0
0.049862	0	0	0	0	0	0
0.048397	0	0	0	0	0	0

0.039248	0	0	0	0	0	0
0.042828	0	0	0	0	0	0
0.03683	0	0	0	0	0	0
0.036145	0	0	0	0	0	0
0.016526	0	0	0	0	0	0
0.024282	0	0	0	0	0	0
0.014167	0	0	0	0	0	0
0.021426	0	0	0	0	0	0
0.03988	0	0	0	0	0	0
0.040407	0	0	0	0	0	0
0.052173	0	0	0	0	0	0
0.040852	0	0	0	0	0	0
0.055058	0	0	0	0	0	0
0.05877	0	0	0	0	0	0
0.056844	0	0	0	0	0	0
0.028583	0	0	0	0	0	0
0.023997	0	0	0	0	0	0
0.019386	0	0	0	0	0	0
0.020388	0	0	0	0	0	0
0.010416	0	0	0	0	0	0
0.024647	0	0	0	0	0	0
0.019026	0	0	0	0	0	0
0.018076	0	0	0	0	0	0
0.011555	0	0	0	0	0	0
0.010597	0	0	0	0	0	0
0.023593	0	0	0	0	0	0
0.021872	0	0	0	0	0	0
0.013542	0	0	0	0	0	0
0.038496	0	0	0	0	0	0
0.038353	0	0	0	0	0	0
0.028788	0	0	0	0	0	0
0.019198	0	0	0	0	0	0
0.030684	0	0	0	0	0	0
0.01955	0	0	0	0	0	0
0.047534	0	0	0	0	0	0
0.023788	0	0	0	0	0	0
0.02378	0	0	0	0	0	0
0.290819	0	0	0	0	0	0
0.018026	0	0	0	0	0	0
0.042143	0	0	0	0	0	0
0.083097	0	0	0	0	0	0
0.230876	0	0	0	0	0	0
0.213675	0	0	0	0	0	0
0.09076	0	0	5	5	0	10
0.122764	0	0	0	0	0	0
0.287467	0	0	0	0	0	0
0.047509	0	0	0	0	0	0
0.048617	0	0	0	0	0	0
0.116989	0	0	0	0	0	0
0.126226	0	0	0	0	0	0

0.034213	0	0	0	0	0	0
0.253897	0	0	0	0	0	0
0.111138	0	0	0	0	0	0
0.032529	0	4	0	0	0	4
0.046703	0	0	0	0	0	0
0.042006	0	0	0	0	0	0
0.037795	0	0	0	0	0	0
0.04904	0	0	0	0	0	0
0.053773	0	0	0	0	0	0
0.029328	0	0	0	0	0	0
0.140229	0	0	0	0	0	0
0.378555	0	0	0	0	0	0
0.181303	0	0	3	0	4	7
0.099157	0	0	0	0	0	0
0.183066	0	0	0	0	0	0
0.042073	0	0	0	0	0	0
0.064271	0	0	0	0	0	0
0.05179	0	0	0	0	0	0
0.632664	0.04	0	0	0	0	0
0.054992	0	0	0	0	0	0
0.048625	0	0	0	0	0	0
0.568564	0	0	0	0	0	0
0.274756	0	0	0	0	0	0
0.106445	0	0	0	0	0	0
0.044796	0	0	0	0	0	0
0.370851	0.02	0	0	0	0	0
0.075446	0	0	0	0	0	0
0.087702	0	0	0	0	0	0
0.019483	0	0	0	0	0	0
0.026874	0	0	0	0	0	0
0.062709	0	0	0	0	0	0
0.098991	0	0	4	0	0	4
0.025541	0	0	0	0	0	0
0.024138	0	0	0	0	0	0
0.010497	0	0	0	0	0	0
0.016575	0	0	0	0	0	0
0.020403	0	0	0	0	0	0
0.233416	0	0	0	0	0	0
0.018191	0	0	0	0	0	0
0.0165	0	0	0	0	0	0
0.103791	0	0	0	0	0	0
0.058593	0	0	0	0	0	0
0.012676	0	0	0	0	0	0
0.009634	0	0	0	0	0	0
0.039957	0	0	0	0	0	0
0.015264	0	0	0	0	0	0
0.122287	0	0	0	0	0	0
0.005862	0	0	0	0	0	0
0.036196	0	0	0	0	0	0
0.087732	0	0	0	0	0	0

0.026087	0	0	0	0	0	0
0.052071	0.01	0	0	0	0	0
0.042044	0	0	0	0	0	0
0.032446	0	0	0	0	0	0
0.053586	0	0	0	0	0	0
0.035117	0	0	0	0	0	0
0.037717	0	0	0	0	0	0
0.036654	0	0	0	0	0	0
0.035238	0	0	0	0	0	0
0.05115	0	0	0	0	0	0
0.023442	0	0	0	0	0	0
0.029883	0	0	0	0	0	0
0.040875	0	0	0	0	0	0
0.029855	0	0	0	0	0	0
0.028598	0	0	0	0	0	0
0.032417	0	0	0	0	0	0
0.032093	0	0	0	0	0	0
0.030283	0	0	0	0	0	0
0.033132	0	0	0	0	0	0
0.041477	0	0	0	0	0	0
0.021593	0	0	0	0	0	0
0.027796	0	0	0	0	0	0
0.014607	0	0	0	0	0	0
0.021826	0	0	0	0	0	0
0.04734	0	0	0	0	0	0
0.019386	0	0	0	0	0	0
0.02643	0	0	0	0	0	0
0.067992	0	0	0	0	0	0
0.008315	0	0	0	0	0	0
0.008837	0	0	0	0	0	0
0.043639	0	0	0	0	0	0
0.036481	0	0	0	0	0	0
0.039064	0	0	0	0	0	0
0.030211	0	0	0	0	0	0
0.038977	0	0	0	0	0	0
0.213314	0	0	0	0	0	0
0.199867	0.16	0	0	0	0	0
0.015954	0	0	0	0	0	0
0.027145	0	0	0	0	0	0
0.012506	0	0	0	0	0	0
0.019806	0	0	0	0	0	0
0.032226	0	0	0	0	0	0
0.015769	0	0	0	0	0	0
0.04281	0	0	0	0	0	0
0.057665	0	0	0	0	0	0
0.265003	0	0	0	0	0	0
0.034222	0	0	0	0	0	0
0.454129	0	0	0	0	0	0
0.027486	0	0	0	0	0	0
0.107698	0	0	0	0	0	0

0.070255	0	0	0	0	0	0
0.01255	0	0	0	0	0	0
0.016014	0	0	0	0	0	0
0.027921	0	0	0	0	0	0
0.013632	0	0	0	0	0	0
0.04753	0	0	0	0	0	0
0.015687	0	0	0	0	0	0
0.014132	0	0	0	0	0	0
0.868663	0	0	0	0	0	0
0.058848	0	0	0	0	0	0
0.055538	0	0	0	0	0	0
0.058297	0	0	0	0	0	0
0.04366	0	0	0	0	0	0
0.037918	0	0	0	0	0	0
0.057108	0	0	0	0	0	0
0.039848	0	0	0	0	0	0
0.036828	0	0	0	0	0	0
0.048458	0	0	0	0	0	0
0.053113	0	0	0	0	0	0
0.495495	0	0	0	0	0	0
0.03631	0	0	0	0	0	0
0.030934	0	0	0	0	0	0
0.040108	0	0	0	0	0	0
0.030018	0	0	0	0	0	0
0.016893	0	0	0	0	0	0
0.01866	0	0	0	0	0	0
0.027276	0	0	0	0	0	0
0.05953	0	0	0	0	0	0
0.056612	0	0	0	0	0	0
0.048927	0	0	0	0	0	0
0.044666	0	0	0	0	0	0
0.057473	0	0	0	0	0	0
0.052917	0	0	0	0	0	0
0.1595	0	0	0	0	1	1
0.036045	0	0	0	0	0	0
0.04679	0	1	0	0	0	1
0.15524	0	0	0	0	0	0
0.031731	0	0	0	0	0	0
0.021722	0	0	0	0	0	0
0.062083	0	0	1	0	0	1
0.058656	0	0	0	0	0	0
0.018117	0	0	0	0	0	0
0.027816	0	0	0	0	0	0
0.016064	0	0	0	0	0	0
0.009794	0	0	0	0	0	0
0.011701	0	0	0	0	0	0
0.004495	0	0	0	0	0	0
0.004502	0	0	0	0	0	0
0.004846	0	0	0	0	0	0
0.005923	0	0	0	0	0	0

0.018933	0	0	0	0	0	0
0.00528	0	0	0	0	0	0
0.009364	0	0	0	0	0	0
0.00507	0	0	0	0	0	0
0.006309	0	0	0	0	0	0
0.005758	0	0	0	0	0	0
0.012919	0	0	0	0	1	1
0.006576	0	1	0	0	0	1
0.004293	0	0	0	0	0	0
0.00412	0	0	0	0	0	0
0.005706	0	0	0	0	0	0
0.006189	0	0	0	0	0	0
0.004411	0	0	0	0	0	0
0.004625	0	0	0	0	0	0
0.007125	0	0	0	0	0	0
0.009718	0	0	0	0	0	0
0.004401	0	0	0	0	0	0
0.117192	0	0	0	0	0	0
0.013792	0	0	0	0	0	0
0.071314	0	0	0	0	0	0
0.01693	0	0	0	0	0	0
0.015934	0	0	0	0	0	0
0.016351	0	0	0	0	0	0
0.021909	0	0	0	0	0	0
0.019337	0	0	0	0	0	0
0.010152	0	0	0	0	0	0
0.085663	0	0	0	0	0	0
0.019105	0	0	0	0	0	0
0.045626	0	0	0	0	0	0
0.015398	0	0	0	0	0	0
0.029794	0	0	0	0	0	0
0.039076	0	0	0	0	0	0
0.05875	0	0	0	0	0	0
0.042429	0	0	0	0	0	0
0.012903	0	0	0	0	0	0
0.044118	0	0	0	0	0	0
0.045868	0	0	0	0	0	0
0.038484	0	0	0	0	0	0
0.036723	0	0	0	0	0	0
0.093085	0	0	0	0	0	0
0.311773	0.04	0	0	0	0	0
0.084759	0	0	0	0	0	0
0.047972	0	0	0	0	0	0
0.021702	0	0	0	0	0	0
0.034246	0	0	0	0	0	0
0.047961	0	0	0	0	0	0
0.041477	0	0	0	0	0	0
0.01964	0	0	0	0	0	0
0.061737	0	0	0	0	0	0
0.031327	0	0	0	0	0	0

0.062103	0	0	0	0	0	0
0.062264	0	0	0	0	0	0
0.317352	0.03	0	0	0	0	0
0.037642	0	0	0	0	0	0
0.050142	0	0	0	0	0	0
0.066919	0	0	0	0	0	0
0.029438	0	0	0	0	0	0
0.046808	0	0	0	0	0	0
0.034921	0	0	0	0	0	0
0.039551	0	0	0	0	0	0
0.029073	0	0	0	0	0	0
0.039685	0	0	0	0	0	0
0.036166	0	0	0	0	0	0
0.060375	0	0	0	0	0	0
0.022112	0	0	0	0	0	0
0.021367	0	0	0	0	0	0
0.022816	0	0	0	0	0	0
0.015655	0	0	0	0	0	0
0.022365	0	0	0	0	0	0
0.022219	0	0	0	0	0	0
0.011823	0	0	0	0	0	0
0.021077	0	0	0	0	0	0
0.010248	0	0	0	0	0	0
0.009034	0	0	0	0	0	0
0.017032	0	0	0	0	0	0
0.253224	0	0	0	0	0	0
0.027974	0	0	0	0	0	0
0.179638	0	0	0	0	0	0
0.018407	0	0	0	0	0	0
0.013294	0	0	0	0	0	0
0.027087	0	0	0	0	0	0
0.033324	0	0	0	0	0	0
0.07978	0	0	0	0	0	0
0.029412	0	0	0	0	0	0
0.033472	0	0	0	0	0	0
0.046403	0	0	0	0	0	0
0.018001	0	0	0	0	0	0
0.010348	0	0	0	0	0	0
0.010159	0	0	0	0	0	0
0.008559	0	0	0	0	0	0
0.006616	0	0	0	0	0	0
0.02571	0	0	0	0	0	0
0.009712	0	0	0	0	0	0
0.01156	0	0	0	0	0	0
0.046412	0	0	0	0	0	0
0.024562	0	0	0	0	0	0
0.022943	0	0	0	0	0	0
0.010878	0	0	0	0	0	0
0.018856	0	0	0	0	0	0
0.078447	0	0	0	0	0	0



0.057124	0	0	0	0	0	0
0.030575	0	0	0	0	0	0
0.074863	0	0	0	0	0	0
0.052205	0	0	0	0	0	0
0.054699	0	0	0	0	0	0
0.021402	0	0	0	0	0	0
0.032728	0	0	0	0	0	0
0.0278	0	0	0	0	0	0
0.055769	0	0	0	0	0	0
0.033382	0	0	0	0	0	0
0.133849	0	0	0	0	0	0
0.006446	0	0	0	0	0	0
0.051041	0	0	0	0	0	0
0.016197	0	0	0	0	0	0
0.013271	0	0	0	0	0	0
0.010433	0	0	0	0	0	0
0.100236	0.02	0	0	0	0	0
0.126282	0	0	0	0	0	0
0.020396	0	0	0	0	0	0
0.021288	0	0	0	0	0	0
0.008012	0	0	0	0	0	0
0.005547	0	0	0	0	0	0
0.006492	0	0	0	0	0	0
0.004149	0	0	0	0	0	0
0.178398	0.08	0	0	2	0	2
0.000918	0	0	0	0	0	0
0.000474	0	0	0	0	0	0
0.000916	0	0	0	0	0	0
0.008601	0	0	0	0	0	0
0.002325	0	0	0	0	0	0
0.00597	0	0	0	6	0	6
0.007774	0	0	0	0	0	0
0.048691	0	0	0	0	0	0
0.048935	0	0	0	0	0	0
0.063698	0	0	0	0	0	0
0.003514	0	0	0	1	0	1
0.024333	0	0	0	0	0	0
0.005278	0	0	0	0	0	0
0.128165	0.02	0	0	0	0	0
0.002863	0	0	0	0	0	0
0.005407	0	0	0	0	0	0
0.05626	0	0	0	0	0	0
0.039717	0	0	5	5	0	10
0.010826	0	0	0	0	0	0
0.014005	0	0	0	0	0	0
0.028168	0	0	0	0	0	0
0.013041	0	0	0	0	0	0
0.015227	0	0	0	0	0	0
0.149886	0.06	0	0	0	0	0
0.01628	0	0	0	0	0	0

0.008721	0	0	0	0	0	0
0.012438	0	0	0	0	0	0
0.015104	0	0	0	0	0	0
0.015445	0	0	0	0	0	0
0.013616	0	0	0	0	0	0
0.011069	0	0	0	0	0	0
0.009731	0	0	0	0	0	0
0.006621	0	0	0	0	0	0
0.018548	0	0	0	0	0	0
0.006864	0	0	0	0	0	0
0.011509	0	0	0	0	0	0
0.004886	0	0	0	0	0	0
0.013647	0	0	0	0	0	0
0.013033	0	0	0	0	0	0
0.013013	0	0	0	0	0	0
0.011985	0	0	0	0	0	0
0.015277	0	0	0	0	0	0
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0.010478	0	0	0	0	0	0
0.029161	0	0	0	0	0	0
0.003324	0	0	0	0	0	0
0.001893	0	0	0	0	0	0
0.002551	0	0	0	0	0	0
0.006875	0	0	0	0	0	0
0.001902	0	0	0	0	0	0
0.001999	0	0	0	0	0	0
0.00258	0	0	0	0	0	0
0.002674	0	0	0	0	0	0
0.002381	0	0	0	0	0	0
0.002172	0	0	0	0	0	0
0.001977	0	0	0	0	0	0
0.003965	0	0	0	0	0	0
0.001685	0	0	0	0	0	0
0.002127	0	0	0	0	0	0
0.031687	0	0	0	0	0	0
0.05311	0	0	0	0	0	0
0.09915	0	0	0	0	0	0
0.048429	0	0	0	0	0	0
0.087128	0	0	0	0	0	0
0.025971	0	0	0	0	0	0
0.105186	0	2	0	0	0	2
0.77528	0.15	0	5	0	0	5
0.175433	0	0	0	0	0	0
0.199224	0	0	0	0	0	0
0.119573	0	0	0	0	0	0
0.139838	0	0	0	0	0	0
0.073381	0	0	0	0	0	0
0.106908	0	0	5	0	0	5
0.149417	0	0	0	0	0	0
0.041998	0	0	0	0	0	0

0.095515	0	0	0	0	0	0
0.023977	0	0	0	0	0	0
0.024637	0	0	0	0	0	0
0.24655	0	0	0	0	0	0
0.039018	0	0	0	0	0	0
0.137888	0	0	0	0	0	0
0.037167	0	0	0	0	0	0
0.039301	0	0	0	0	0	0
0.0651	0	0	0	0	0	0
0.022797	0	0	0	0	0	0
0.106569	0	0	0	0	0	0
0.035881	0	0	0	0	0	0
0.070127	0	0	0	0	0	0
0.037184	0	0	0	0	0	0
0.038742	0	0	0	0	0	0
0.082946	0	0	0	0	0	0
0.034657	0	0	0	0	0	0
0.074761	0	0	0	0	0	0
0.015414	0	0	0	0	0	0
0.008661	0	0	0	0	0	0
0.012813	0	0	0	0	0	0
0.008098	0	0	0	0	0	0
0.007129	0	0	0	0	0	0
0.008782	0	0	0	0	0	0
0.01395	0	0	0	0	0	0
0.01436	0	0	0	0	0	0
0.007183	0	0	0	0	0	0
0.007209	0	0	0	0	0	0
0.008254	0	0	11	0	0	11
0.004	0	0	0	0	0	0
0.003523	0	0	0	0	0	0
0.00322	0	0	0	0	0	0
0.003448	0	0	0	0	0	0
0.002508	0	0	0	0	0	0
0.014541	0	0	0	0	0	0
0.064678	0	0	0	0	0	0
0.038523	0	0	0	0	0	0
0.068469	0	0	0	0	0	0
0.075427	0	0	0	0	0	0
0.046488	0	0	0	0	0	0
0.049798	0	0	0	0	0	0
0.094427	0	0	0	0	0	0
0.030632	0	0	0	0	0	0
0.079718	0	0	0	0	0	0
0.03102	0	0	0	0	0	0
0.035296	0	0	0	0	0	0
0.021729	0	0	0	0	0	0
0.01189	0	0	0	0	0	0
0.006882	0	0	0	0	0	0
0.018898	0	0	0	0	0	0

0.020273	0	0	0	0	0	0
0.087554	0	0	0	0	0	0
0.024657	0	0	0	0	0	0
0.01523	0	0	0	0	0	0
0.028753	0	0	0	0	0	0
0.009586	0	0	0	0	0	0
0.035347	0	0	0	0	0	0
0.111935	0	0	0	0	0	0
0.04171	0	0	0	0	0	0
0.040173	0	0	0	0	0	0
0.018335	0	0	0	0	0	0
0.027794	0	0	0	0	0	0
0.022033	0	0	0	0	0	0
0.011774	0	0	0	0	0	0
0.225989	0.01	0	0	0	0	0
0.71545	0.13	0	0	0	0	0
0.076143	0	0	0	0	0	0
0.088349	0	0	0	0	0	0
0.052569	0	0	0	0	0	0
0.066409	0	0	0	0	0	0
0.044767	0	0	0	0	0	0
0.023497	0	0	0	0	0	0
0.02985	0	0	0	0	0	0
0.089274	0	0	0	0	0	0
0.190718	0	0	0	0	0	0
0.302346	0	0	0	0	0	0
0.377783	0	0	0	0	0	0
0.477276	0	0	0	0	0	0
0.077593	0	0	0	0	0	0
0.016242	0	0	0	0	0	0
0.02505	0	0	0	0	0	0
0.041065	0	0	0	0	0	0
0.084565	0	0	0	0	0	0
0.030737	0	0	0	0	0	0
0.028629	0	0	0	0	0	0
0.035207	0	0	0	0	0	0
0.024691	0	0	0	0	0	0
0.027978	0	0	0	0	0	0
0.018358	0	0	0	0	0	0
0.012852	0	0	0	0	0	0
0.01292	0	0	0	0	0	0
0.014548	0	0	0	0	0	0
0.012531	0	0	0	0	0	0
0.040926	0	0	0	0	0	0
0.011859	0	0	0	0	0	0
0.009783	0	0	0	0	0	0
0.017853	0	0	0	0	0	0
0.013625	0	0	0	0	0	0
0.011409	0	0	0	0	0	0
0.006689	0	0	0	0	0	0

0.015586	0	0	0	0	0	0
0.007345	0	0	0	0	0	0
0.006426	0	0	0	0	0	0
0.011288	0	0	0	0	0	0
0.042074	0	0	0	0	0	0
0.006976	0	0	0	0	0	0
0.007495	0	0	0	0	0	0
0.005611	0	0	0	0	0	0
0.006293	0	0	0	0	0	0
0.008492	0	0	0	0	0	0
0.010722	0	0	0	0	0	0
0.008421	0	0	0	0	0	0
0.089578	0	0	0	0	0	0
0.028738	0	0	0	0	0	0
0.043114	0	0	0	0	0	0
0.027656	0	0	0	0	0	0
0.036769	0	0	0	0	0	0
0.042011	0	0	0	0	0	0
0.001905	0	0	0	0	0	0
0.001061	0	0	0	0	0	0
0.007347	0	0	0	0	0	0
0.001081	0	0	0	0	0	0
0.001459	0	0	0	0	0	0
0.004773	0	0	0	0	0	0
0.724583	0.41	0	0	0	0	0
0.027117	0	0	0	0	0	0
0.012097	0	0	0	0	0	0
0.026934	0	0	0	0	0	0
0.00717	0	0	0	0	0	0
0.02021	0	0	0	0	0	0
0.032678	0	0	0	0	0	0
0.018701	0	0	0	0	0	0
0.014975	0	0	0	0	0	0
0.014353	0	0	0	0	0	0
0.029173	0	0	0	0	0	0
0.063892	0	0	0	0	0	0
0.083509	0	0	0	0	0	0
0.043875	0	0	0	0	0	0
0.046832	0	0	0	0	0	0
0.20733	0	0	0	0	0	0
0.109942	0	0	0	0	0	0
0.052192	0	0	0	0	0	0
0.027508	0	0	0	0	0	0
0.063062	0	0	0	0	0	0
0.029953	0	0	0	0	0	0
0.03889	0	0	0	0	0	0
0.037829	0	0	0	0	0	0
0.189771	0	0	0	0	0	0
0.046324	0	0	0	0	0	0
0.021655	0	0	0	0	0	0

0.025358	0	0	0	0	0	0
0.025509	0	0	0	0	0	0
0.025201	0	0	0	0	0	0
0.028005	0	0	0	0	0	0
0.033651	0	0	0	0	0	0
0.022722	0	0	0	0	0	0
0.019114	0	0	0	0	0	0
0.01523	0	0	0	0	0	0
0.02109	0	0	0	0	0	0
0.218668	0.06	0	0	0	0	0
0.017738	0	0	0	0	0	0
0.034342	0	0	0	0	0	0
0.015377	0	0	0	0	0	0
0.058419	0	0	0	0	0	0
0.051872	0	0	0	0	0	0
0.056018	0	0	0	0	0	0
0.03056	0	0	0	0	0	0
0.086437	0	0	0	0	0	0
0.056275	0	0	0	0	0	0
0.04714	0	0	0	0	0	0
0.050431	0	0	0	0	0	0
0.052805	0	0	0	0	0	0
0.068645	0	0	0	0	0	0
0.034443	0	0	0	0	0	0
0.060103	0	0	0	0	0	0
0.068389	0	0	0	0	0	0
0.14897	0	0	0	0	0	0
0.11019	0	0	0	0	0	0
0.045393	0	0	0	0	0	0
0.025761	0	0	0	0	0	0
0.042122	0	0	0	0	0	0
0.036175	0	0	0	0	0	0
0.052143	0	0	0	0	0	0
0.068976	0	0	0	0	0	0
0.031577	0	0	0	0	0	0
0.018918	0	0	0	0	0	0
0.027886	0	0	0	0	0	0
0.028365	0	0	0	0	0	0
0.014703	0	0	0	0	0	0
0.010295	0	0	0	0	0	0
0.010356	0	0	0	0	0	0
0.014706	0	0	0	0	0	0
0.009275	0	0	0	0	0	0
0.065025	0	0	0	0	0	0
0.023867	0	0	0	0	0	0
0.008333	0	0	0	0	0	0
0.007014	0	0	0	0	0	0
0.034957	0	0	0	0	0	0
0.065084	0	0	0	0	0	0
0.005267	0	0	0	0	0	0

0.073513	0	0	0	0	0	0
0.048128	0	0	0	0	0	0
0.056784	0	0	0	0	0	0
0.067187	0	0	0	0	0	0
0.040969	0	0	0	0	0	0
0.09722	0	0	0	0	0	0
0.667277	0	0	0	0	0	0
0.178504	0	0	0	0	0	0
0.196245	0	0	0	0	0	0
0.081599	0	0	0	0	0	0
0.058973	0	0	0	0	0	0
0.052286	0	0	0	0	0	0
0.024893	0	0	0	0	0	0
0.022269	0	0	0	0	0	0
0.030045	0	0	0	0	0	0
0.027834	0	0	0	0	0	0
0.047433	0	0	0	0	0	0
0.032047	0	0	0	0	0	0
0.060271	0	0	0	0	0	0
0.086436	0	0	0	0	0	0
0.037452	0	0	0	0	0	0
0.061986	0	0	0	0	0	0
0.032541	0	0	0	0	0	0
0.013544	0	0	0	0	0	0
0.036678	0	0	0	0	0	0
0.02076	0	0	0	0	0	0
0.016934	0	0	0	0	0	0
0.065657	0	0	0	0	0	0
0.0113	0	0	0	0	0	0
0.0124	0	0	0	0	0	0
0.057529	0	0	0	0	0	0
0.145925	0	0	0	0	0	0
0.168434	0	0	0	0	0	0
0.048026	0	0	0	0	0	0
0.027748	0	0	0	0	0	0
0.034107	0	0	0	0	0	0
0.058847	0	0	0	0	0	0
0.065441	0	0	0	0	0	0
0.073066	0	0	0	0	0	0
0.01456	0	0	0	0	0	0
0.029522	0	0	0	0	0	0
0.035104	0	0	0	0	0	0
0.008326	0	0	0	0	0	0
0.055583	0	0	0	0	0	0
0.038457	0	0	0	0	0	0
0.077926	0	0	0	0	0	0
0.029011	0	0	0	0	0	0
0.036081	0	0	0	0	0	0
0.036841	0	0	0	0	0	0
0.034208	0	0	0	0	0	0

0.04951	0	0	0	0	0	0
0.030623	0	0	0	0	0	0
0.035517	0	0	0	0	0	0
0.05245	0	0	0	0	0	0
0.002472	0	0	0	0	0	0
0.002937	0	0	0	0	0	0
0.736322	0	0	2	2	0	4
0.59106	0	0	0	0	0	0
0.150033	0	0	0	0	0	0
0.0498	0	0	0	0	0	0
0.0684	0	0	0	0	0	0
0.331382	0	0	0	0	0	0
0.381307	0.12	0	0	0	0	0
0.052827	0	0	0	0	0	0
0.090271	0	0	0	0	0	0
0.055315	0	0	0	0	0	0
0.174049	0	0	0	0	0	0
0.069555	0	0	0	0	0	0
0.024471	0	0	0	0	0	0
0.03107	0	0	0	0	0	0
0.022721	0	0	0	0	0	0
0.016698	0	0	0	0	0	0
0.016946	0	0	0	0	0	0
0.028881	0	0	0	0	0	0
0.088264	0	0	0	0	0	0
0.013311	0	0	0	0	0	0
0.019559	0	0	0	0	0	0
0.023812	0	0	0	0	0	0
0.049308	0	0	0	0	0	0
0.032247	0	0	0	0	0	0
0.093725	0	0	0	0	0	0
0.018079	0	0	0	0	0	0
0.990585	0	0	0	0	0	0
0.045138	0	0	0	0	0	0
0.057314	0	0	0	0	0	0
0.076672	0	0	0	0	0	0
0.056516	0	0	0	0	0	0
0.053318	0	0	0	0	0	0
0.055205	0	0	0	0	0	0
0.011816	0	0	0	0	0	0
0.017802	0	0	0	0	0	0
0.028583	0	0	0	0	0	0
0.010789	0	0	0	0	0	0
0.008953	0	0	0	0	0	0
0.015088	0	0	0	0	0	0
0.017541	0	0	0	0	0	0
0.006417	0	0	0	0	0	0
0.005743	0	0	0	0	0	0
0.00411	0	0	0	0	0	0
0.029363	0	0	0	0	0	0



0.009323	0	0	0	0	0	0
0.014572	0	0	0	0	0	0
0.021725	0	0	0	0	0	0
0.010581	0	0	0	0	0	0
0.012441	0	0	0	0	0	0
0.019988	0	0	0	0	0	0
0.010009	0	0	0	0	0	0
0.013704	0	0	0	0	0	0
0.015432	0	0	0	0	0	0
0.013068	0	0	0	0	0	0
0.020749	0	0	0	0	0	0
0.009232	0	0	0	0	0	0
0.011867	0	0	0	0	0	0
0.089756	0	0	0	0	0	0
0.006485	0	0	0	0	0	0
0.006835	0	0	0	0	0	0
0.005438	0	0	0	0	0	0
0.005138	0	0	0	0	0	0
0.006381	0	0	0	0	0	0
0.003029	0	0	0	0	0	0
0.087854	0	0	0	0	0	0
0.005617	0	0	0	0	0	0
0.009496	0	0	0	0	0	0
0.00392	0	0	0	0	0	0
0.001134	0	0	0	0	0	0
0.001196	0	0	0	0	0	0
0.00413	0	0	0	0	0	0
0.008249	0	0	0	0	0	0
0.004543	0	0	0	0	0	0
0.004011	0	0	0	0	0	0
0.014162	0.01	0	0	0	0	0
0.044057	0.06	0	0	0	8	8
0.058574	0.07	8	0	8	3	19
0.016091	0	3	0	0	0	3
0.003101	0	0	0	0	0	0
0.00515	0	0	0	0	0	0
0.001637	0	0	0	0	0	0
0.002764	0	0	0	0	0	0
0.002745	0	0	0	0	0	0
0.036513	0	0	0	0	0	0
0.024684	0	0	0	0	0	0
0.032088	0	0	0	0	0	0
0.018182	0	0	0	0	0	0
0.028104	0	0	0	0	0	0
0.07246	0	0	0	0	0	0
0.027998	0	0	0	0	0	0
0.116177	0	0	0	0	0	0
0.016321	0	0	0	0	0	0
0.018495	0	0	0	0	0	0
0.018032	0	0	0	0	0	0

0.029912	0	0	0	0	0	0
0.024871	0	0	0	0	0	0
0.031779	0	0	0	0	0	0
0.021535	0	0	0	0	0	0
0.016613	0	0	0	0	0	0
0.243198	0	0	0	0	0	0
0.049154	0	0	0	0	0	0
0.03465	0	0	0	0	0	0
0.030307	0	0	0	0	0	0
0.020179	0	0	0	0	0	0
0.039811	0	0	0	0	0	0
0.034131	0	0	0	0	0	0
0.013313	0	0	0	0	0	0
0.017479	0	0	0	0	0	0
0.049643	0	0	0	0	0	0
0.026079	0	0	0	0	0	0
0.011223	0	0	0	0	0	0
0.017348	0	0	0	0	0	0
0.020925	0	0	0	0	0	0
0.028869	0	0	0	0	0	0
0.03853	0	0	0	0	0	0
0.037173	0	0	0	0	0	0
0.038232	0	0	0	0	0	0
0.151484	0	0	0	0	0	0
0.06352	0	0	0	0	0	0
0.012467	0	0	0	0	0	0
0.019341	0	0	0	0	0	0
0.044179	0	0	0	0	0	0
0.052937	0	0	0	0	0	0
0.038451	0	0	0	0	0	0
0.02081	0	0	0	0	0	0
0.00956	0	0	0	0	0	0
0.017354	0	0	0	0	0	0
0.095905	0	0	0	0	0	0
0.091681	0	0	0	0	0	0
0.057294	0	0	0	0	0	0
0.056973	0	0	0	0	0	0
0.136418	0	0	0	0	0	0
0.033543	0	0	0	0	0	0
0.077133	0	0	0	0	0	0
0.03464	0	0	0	0	0	0
0.05679	0	0	0	0	0	0
0.058625	0	0	0	0	0	0
0.070981	0	0	0	0	0	0
0.082572	0	0	0	0	0	0
0.14584	0	0	0	0	0	0
0.008424	0	0	0	0	0	0
0.009647	0	0	0	0	0	0
0.013467	0	0	0	0	0	0
0.081551	0	0	0	0	0	0

0.0257	0	0	0	0	0	0
0.078845	0.01	0	0	0	0	0
0.001133	0	0	0	0	0	0
0.001341	0	0	0	0	6	6
0.003006	0	6	0	0	0	6
0.000832	0	0	0	0	0	0
0.00154	0	0	0	0	0	0
0.075575	0	0	0	0	4	4
0.113827	0.03	0	0	2	0	2
0.007602	0	0	0	0	0	0
0.002359	0	0	0	0	0	0
0.00247	0	0	0	0	0	0
0.002226	0	0	0	0	0	0
0.006454	0	0	0	0	0	0
0.002281	0	0	0	0	0	0
0.001797	0	0	0	0	0	0
0.02281	0	0	0	0	0	0
0.009618	0	0	0	0	0	0
0.009199	0	0	0	0	0	0
0.082131	0	0	0	0	0	0
0.079399	0	0	0	0	0	0
0.038859	0	0	0	0	0	0
0.014459	0	0	0	0	0	0
0.002354	0	0	0	0	0	0
0.00722	0	0	0	0	0	0
0.011081	0	0	0	0	0	0
0.003768	0	0	0	0	0	0
0.001137	0	0	0	0	0	0
0.026026	0	0	0	0	0	0
0.029774	0	0	0	0	0	0
0.042433	0	0	0	0	0	0
0.084276	0	0	0	0	0	0
0.019333	0	0	0	0	0	0
0.018796	0	0	0	0	0	0
0.010975	0	0	0	0	0	0
0.016933	0	0	0	0	0	0
0.034813	0	0	0	0	0	0
0.040161	0	0	0	0	0	0
0.050285	0	0	0	0	0	0
0.047894	0	0	0	0	0	0
0.065253	0	0	0	0	0	0
0.075822	0	1	0	0	0	1
0.01369	0	0	0	0	0	0
0.016405	0	0	0	0	0	0
0.011621	0	0	0	0	0	0
0.007377	0	0	0	0	0	0
0.009633	0	0	0	0	0	0
0.004869	0	0	0	0	0	0
0.004921	0	0	0	0	0	0
0.024398	0	0	0	0	0	0

0.023982	0	0	0	0	0	0
0.010072	0	0	0	0	0	0
0.01302	0	0	0	0	0	0
0.01468	0	0	0	0	0	0
0.013374	0	0	0	0	0	0
0.013444	0	0	0	0	0	0
0.012828	0	0	0	0	0	0
0.019851	0	0	0	0	0	0
0.056883	0	0	0	0	0	0
0.029399	0	0	0	0	0	0
0.097061	0	0	0	0	0	0
0.03346	0	0	0	0	0	0
0.033604	0	0	0	0	0	0
0.043127	0	0	0	0	0	0
0.04674	0	0	0	0	0	0
0.022403	0	0	0	0	0	0
0.065535	0	0	0	0	0	0
0.069669	0	0	0	0	0	0
0.020159	0	0	0	0	0	0
0.016087	0	0	0	0	0	0
0.017777	0	0	0	0	0	0
0.018196	0	0	0	0	0	0
0.01433	0	0	0	0	0	0
0.032568	0	0	0	0	0	0
0.018595	0	0	0	0	0	0
0.056714	0	0	0	0	0	0
0.051777	0	0	0	0	0	0
0.045364	0	0	0	0	0	0
0.041012	0	0	0	0	0	0
0.034533	0	0	0	0	0	0
0.040266	0	0	0	0	0	0
0.028978	0	0	0	0	0	0
0.054196	0	0	0	0	0	0
0.133636	0	0	0	0	0	0
0.045016	0	0	0	0	0	0
0.06466	0	0	0	0	0	0
0.055303	0	0	0	0	0	0
0.058895	0	0	0	0	0	0
0.046362	0	0	0	0	0	0
0.055587	0	0	0	0	0	0
0.073176	0	0	0	0	0	0
0.047389	0	0	0	0	4	4
0.057121	0	4	0	0	0	4
0.045739	0	0	0	0	0	0
0.081892	0	0	0	0	0	0
0.043192	0	0	0	0	0	0
0.062791	0	0	0	0	0	0
0.091568	0	0	0	0	0	0
0.087575	0	0	0	0	0	0
0.066688	0	0	0	0	0	0

0.053399	0	0	0	0	0	0
0.141933	0	0	0	0	0	0
0.067832	0	0	0	0	0	0
0.059399	0	0	0	0	0	0
0.110324	0	0	0	0	0	0
0.008267	0	0	0	0	0	0
0.014119	0	0	0	0	0	0
0.011957	0	0	0	0	0	0
0.016366	0	0	0	0	0	0
0.017705	0	0	0	0	0	0
0.007883	0	0	0	0	0	0
0.014131	0	0	0	0	0	0
0.044869	0	0	0	0	0	0
0.167326	0	0	0	0	0	0
0.182474	0	0	0	0	0	0
0.049844	0	0	0	0	0	0
0.027759	0	0	0	0	0	0
0.044254	0	0	0	0	0	0
0.059057	0	0	0	0	0	0
0.050266	0	0	0	0	0	0
0.053589	0	0	0	0	0	0
0.037489	0	0	0	0	0	0
0.033843	0	0	0	0	0	0
0.051875	0	0	0	0	0	0
0.176018	0	0	0	0	0	0
0.057601	0	0	0	0	0	0
0.021139	0	0	0	0	0	0
0.005106	0	0	18	3	0	21
0.000974	0	0	0	0	0	0
0.001212	0	0	0	0	0	0
0.000712	0	0	0	0	0	0
0.000979	0	0	0	0	7	7
0.000902	0	7	0	0	0	7
0.001157	0	0	0	0	0	0
0.003138	0	0	0	0	0	0
0.00182	0	0	5	5	0	10
0.001529	0	0	0	0	0	0
0.002101	0	0	0	0	0	0
0.002295	0	0	0	0	0	0
0.002169	0	7	0	2	5	14
0.000595	0	5	0	0	0	5
0.010234	0	0	0	0	0	0
0.000812	0	0	0	0	0	0
0.00072	0	0	2	0	0	2
0.001455	0	0	0	0	0	0
0.001139	0	0	0	0	0	0
0.000898	0	0	0	0	0	0
0.001132	0	0	0	0	0	0
0.108577	0.07	0	4	14	10	28
0.004225	0	10	0	0	0	10

0.004834	0	0	0	0	2	2
0.000998	0	2	0	0	0	2
0.001257	0	0	0	0	0	0
0.001658	0	0	0	0	0	0
0.000697	0	0	0	0	0	0
0.00136	0	0	0	0	0	0
0.002558	0	0	0	0	0	0
0.000827	0	0	0	0	0	0
0.00119	0	0	0	0	0	0
0.001548	0	0	0	0	0	0
0.001372	0	0	0	0	0	0
0.007536	0	0	0	0	0	0
0.129143	0.45	0	0	0	0	0
0.002142	0	0	0	0	0	0
0.001217	0	0	0	0	0	0
0.001104	0	0	0	0	0	0
0.001424	0	0	0	0	0	0
0.001463	0	0	0	0	0	0
0.009592	0	0	0	0	0	0
0.005439	0	0	0	0	0	0
0.020618	0	0	0	0	0	0
0.11841	0.06	0	0	0	0	0
0.16978	0.03	0	0	0	0	0
0.155121	0.03	0	0	0	0	0
0.055411	0	0	0	0	0	0
0.220086	0	0	0	0	0	0
0.109341	0	0	0	0	0	0
0.102192	0	0	0	0	0	0
0.265148	0.05	0	0	0	0	0
0.12674	0	0	0	0	0	0
0.040852	0	0	0	0	0	0
0.054524	0	0	0	0	0	0
0.063528	0	0	0	0	0	0
0.078573	0	0	0	0	0	0
0.054296	0	0	0	0	0	0
0.085832	0	0	0	0	0	0
0.058339	0	0	0	0	0	0
0.062185	0	0	0	0	0	0
0.049284	0	0	0	0	0	0
0.052762	0	0	0	0	0	0
0.057197	0	0	0	0	0	0
0.251757	0	0	0	0	0	0
0.055637	0	0	0	0	0	0
0.029705	0	0	0	0	0	0
0.059599	0	0	0	0	0	0
0.029028	0	0	0	0	0	0
0.024386	0	0	0	0	0	0
0.034555	0	0	0	0	0	0
0.049163	0	0	0	0	0	0
0.02158	0	0	0	0	0	0

0.052925	0	0	0	0	0	0
0.062779	0	0	0	0	0	0
0.047832	0	0	0	0	0	0
0.179523	0	0	0	0	0	0
0.058845	0	0	0	0	0	0
0.060574	0	0	0	0	0	0
0.063135	0	0	0	0	0	0
0.041254	0	0	0	0	0	0
0.053685	0	0	0	0	0	0
0.61313	0	0	0	0	0	0
0.122288	0	0	0	0	0	0
0.059299	0	0	0	0	0	0
0.026311	0	0	0	0	0	0
0.025035	0	0	0	0	0	0
0.046524	0	0	0	0	8	8
0.008639	0	8	0	0	0	8
0.013104	0	0	0	0	0	0
0.007309	0	0	0	0	0	0
0.007767	0	0	0	0	0	0
0.025132	0	0	0	0	0	0
0.027809	0	0	0	0	0	0
0.058399	0	0	0	0	0	0
0.032268	0	0	0	0	0	0
0.050016	0	0	0	0	0	0
0.021233	0	0	0	0	0	0
0.053631	0	0	0	0	0	0
0.050414	0	0	0	0	0	0
0.084959	0	0	0	0	0	0
0.04551	0	0	0	0	0	0
0.041679	0	0	0	0	0	0
0.04636	0	0	0	0	0	0
0.042954	0	0	0	0	0	0
0.033794	0	0	0	0	0	0
0.335218	0	0	0	0	0	0
0.042573	0	0	0	0	0	0
0.048706	0	0	0	0	0	0
0.049263	0	0	0	0	0	0
0.046792	0	0	0	0	0	0
0.044356	0	0	0	0	0	0
0.035262	0	0	0	0	0	0
0.050661	0	0	0	0	0	0
0.049025	0	0	0	0	0	0
0.078162	0	0	0	0	0	0
0.051117	0	0	0	0	0	0
0.068821	0	0	0	0	0	0
0.031544	0	0	0	0	0	0
0.06235	0	0	0	0	0	0
0.041585	0	0	0	0	0	0
0.189961	0	0	0	0	0	0
0.033724	0	0	0	0	0	0

0.027887	0	0	0	0	0	0
0.087704	0	0	0	0	0	0
0.03368	0	0	0	0	0	0
0.015323	0	0	0	0	0	0
0.054118	0	0	0	0	0	0
0.026369	0	0	0	0	0	0
0.016825	0	0	0	0	0	0
0.035339	0	0	0	0	0	0
0.022057	0	0	0	0	0	0
0.0432	0	0	0	0	0	0
0.01656	0	0	0	0	0	0
0.043788	0	0	0	0	0	0
0.026106	0	0	0	0	0	0
0.024397	0	0	0	0	0	0
0.024059	0	0	0	0	0	0
0.034959	0	0	0	0	0	0
0.027116	0	0	0	0	0	0
0.002429	0	0	0	0	0	0
0.000646	0	0	0	0	0	0
0.000773	0	0	0	0	1	1
0.002397	0	1	0	0	0	1
0.001469	0	0	0	0	0	0
0.000649	0	0	0	0	0	0
0.000279	0	0	0	0	0	0
0.000364	0	0	0	0	0	0
0.000859	0	0	0	0	0	0
0.001473	0	0	0	0	0	0
0.000638	0	0	0	0	0	0
0.00029	0	0	0	0	0	0
0.00738	0	0	0	0	0	0
0.000424	0	0	0	0	0	0
0.000987	0	0	0	0	0	0
0.000511	0	0	0	0	0	0
0.014589	0	0	0	0	0	0
0.000539	0	0	0	0	0	0
0.001221	0	0	0	0	0	0
0.002841	0	0	0	0	0	0
0.008199	0	0	0	0	0	0
0.015232	0	0	0	0	0	0
0.001528	0	0	0	0	0	0
0.001929	0	0	0	0	0	0
0.002866	0	0	0	0	0	0
0.002371	0	7	0	0	0	7
0.00217	0	0	0	0	0	0
0.002998	0	0	0	0	8	8
0.002722	0	0	0	0	0	0
0.003333	0	0	0	0	0	0
0.002117	0	0	0	0	5	5
0.002644	0	5	0	0	0	5
0.0014	0	0	0	0	0	0



0.002327	0	0	0	0	0	0
0.001753	0	0	0	0	0	0
0.001687	0	0	0	0	7	7
0.029663	0	0	0	0	0	0
0.029076	0	0	0	0	0	0
0.025067	0	0	0	0	0	0
0.031329	0	0	0	0	0	0
0.014133	0	0	0	0	0	0
0.033122	0	0	0	0	0	0
0.038471	0	0	0	0	0	0
0.006659	0	0	0	0	0	0
0.054049	0	0	0	0	0	0
0.065594	0	0	0	0	0	0
0.056291	0	0	0	0	0	0
0.044348	0	0	0	0	0	0
0.093996	0	0	0	0	0	0
0.032983	0	0	0	0	0	0
0.02818	0	0	0	0	0	0
0.050984	0	0	0	0	0	0
0.056274	0	0	0	0	0	0
0.048735	0	0	0	0	0	0
0.102828	0	0	0	0	0	0
0.059354	0	0	0	0	0	0
0.005766	0	0	0	0	0	0
0.005047	0	0	0	0	0	0
0.004694	0	0	0	0	0	0
0.007929	0	0	0	0	0	0
0.004324	0	0	0	0	0	0
0.003373	0	0	0	0	0	0
0.00483	0	0	0	0	0	0
0.02646	0	0	0	1	0	1
0.016324	0	0	0	0	0	0
0.0127	0	0	0	0	0	0
0.002015	0	0	0	0	0	0
0.002071	0	0	0	0	0	0
0.033826	0	0	0	0	0	0
0.006391	0	0	0	0	0	0
0.006737	0	0	0	0	0	0
0.004943	0	0	0	0	0	0
0.004098	0	0	0	0	0	0
0.008579	0	0	0	0	0	0
0.021386	0	0	0	0	0	0
0.014655	0	0	0	0	0	0
0.006305	0	0	0	0	0	0
0.01276	0	0	0	0	0	0
0.000633	0	0	0	0	0	0
0.007763	0	0	0	0	0	0
0.001408	0	0	0	0	0	0
0.000706	0	0	0	0	0	0
0.0038	0	0	0	0	0	0

0.000742	0	0	0	0	0	0
0.000823	0	0	0	0	0	0
0.000777	0	0	0	0	0	0
0.000938	0	0	0	0	0	0
0.009936	0	0	0	0	0	0
0.048069	0	0	0	0	0	0
0.064909	0	0	0	0	0	0
0.070114	0	0	0	0	0	0
0.003792	0	0	0	0	0	0
0.009661	0	0	0	0	0	0
0.045156	0.04	0	0	0	0	0
0.002012	0	0	0	0	0	0
0.002919	0	0	0	0	0	0
0.01149	0	0	0	0	0	0
0.005595	0	0	0	0	0	0
0.002338	0	0	0	0	0	0
0.002702	0	0	0	0	0	0
0.007838	0	0	0	0	0	0
0.00142	0	0	0	0	0	0
0.00081	0	0	0	0	0	0
0.049051	0	0	0	0	0	0
0.040172	0	0	0	0	0	0
0.021224	0	0	0	0	0	0
0.012774	0	0	0	0	0	0
0.041491	0	0	0	0	0	0
0.03936	0	0	0	0	0	0
0.062042	0	0	0	0	0	0
0.060402	0	0	0	0	0	0
0.022995	0	0	0	0	0	0
0.032899	0	0	0	0	0	0
0.033463	0	0	0	0	0	0
0.050227	0	0	0	0	0	0
0.024007	0	0	0	0	0	0
0.1102	0	0	0	0	0	0
0.054715	0	0	0	0	0	0
0.000575	0	0	0	0	0	0
0.00267	0	0	0	0	0	0
0.004603	0	0	0	0	0	0
0.005203	0.01	0	0	0	0	0
0.000985	0	0	0	0	11	11
0.000412	0	11	0	0	1	12
0.246323	0	0	0	0	2	2
0.003691	0	2	0	0	0	2
0.008047	0	0	0	0	0	0
0.090822	0	0	0	0	0	0
0.02338	0	0	0	0	0	0
0.030889	0	0	0	0	0	0
0.050614	0	0	0	0	0	0
0.008053	0	0	0	0	0	0
0.006411	0	0	0	0	0	0

0.003099	0.01	0	0	0	0	0
0.004614	0	0	0	0	0	0
0.015873	0	0	0	0	0	0
0.031063	0.01	0	0	0	0	0
0.056748	0.07	0	0	0	3	3
0.029052	0	0	0	0	0	0
0.042123	0	0	0	0	0	0
0.019338	0	0	0	0	0	0
0.022931	0	0	0	0	0	0
0.013713	0	0	0	0	0	0
0.011318	0	0	0	0	0	0
0.014838	0	0	0	0	0	0
0.022594	0	0	0	0	0	0
0.011563	0	0	0	0	0	0
0.014675	0	0	0	0	0	0
0.012156	0	0	0	0	0	0
0.015612	0	0	0	0	0	0
0.014812	0	0	0	0	0	0
0.00852	0	0	0	0	0	0
0.016049	0	0	0	0	0	0
0.012143	0	0	0	0	0	0
0.005013	0	0	0	0	0	0
0.007232	0	0	0	0	0	0
0.005603	0	0	0	0	0	0
0.011102	0	0	0	0	0	0
0.029649	0	0	0	0	0	0
0.025564	0	0	0	0	0	0
0.031054	0	0	0	0	0	0
0.03017	0	0	0	0	0	0
0.035286	0	0	0	0	0	0
0.059962	0	0	0	0	0	0
0.039179	0	0	0	0	0	0
0.021391	0	0	0	0	0	0
0.022908	0	0	0	0	0	0
0.020843	0	0	0	0	0	0
0.018099	0	0	0	0	0	0
0.016884	0	0	0	0	0	0
0.023215	0	0	0	0	0	0
0.025242	0	0	0	0	0	0
0.04697	0	0	0	0	0	0
0.089626	0	0	0	0	0	0
0.027406	0	0	0	0	0	0
0.02438	0	0	0	0	0	0
0.018398	0	0	0	0	0	0
0.018638	0	0	0	0	0	0
0.102761	0	0	0	0	0	0
0.057569	0	0	0	0	0	0
0.021211	0	0	0	0	0	0
0.155381	0	0	0	0	0	0
0.125976	0	0	0	0	0	0

0.029233	0	0	0	0	0	0
0.04768	0	0	0	0	0	0
0.02785	0	0	0	0	0	0
0.033881	0	0	0	0	0	0
0.04693	0	0	0	0	0	0
0.040245	0	0	0	0	0	0
0.052406	0	0	0	0	0	0
0.045259	0	0	0	0	0	0
0.050116	0	0	0	0	0	0
0.031737	0	0	0	0	0	0
0.047417	0	0	0	0	0	0
0.034885	0	0	0	0	0	0
0.070812	0	0	0	0	0	0
0.041294	0	0	0	0	0	0
0.034103	0	0	0	0	0	0
0.038812	0	0	0	0	0	0
0.031396	0	0	0	0	0	0
0.034025	0	0	0	0	0	0
0.046833	0	0	4	0	0	4
0.030101	0	0	0	0	0	0
0.037377	0	0	0	0	0	0
0.024634	0	0	0	0	0	0
0.041849	0	0	0	0	0	0
0.034069	0	0	0	0	0	0
0.040543	0	0	0	0	0	0
0.047892	0	0	0	0	0	0
0.018279	0	0	0	0	0	0
0.12022	0	0	0	0	0	0
0.028202	0	0	0	0	3	3
0.010771	0	3	0	0	0	3
0.011423	0	0	0	0	0	0
0.063074	0	0	0	0	0	0
0.030952	0	0	0	0	0	0
0.053569	0	0	0	0	0	0
0.062695	0	0	0	0	0	0
0.021526	0	0	0	0	0	0
0.050749	0	0	0	0	0	0
0.011998	0	0	0	0	0	0
0.010597	0	0	0	0	0	0
0.01996	0	0	0	0	0	0
0.015236	0	0	0	0	0	0
0.006356	0	0	0	0	0	0
0.061714	0	0	0	0	0	0
0.014492	0	0	0	0	0	0
0.080905	0	0	0	0	0	0
0.013596	0	0	0	0	0	0
0.025462	0	0	0	0	0	0
0.045276	0	0	0	0	0	0
0.013545	0	0	0	0	0	0
0.017177	0	0	0	0	0	0

0.010595	0	0	0	0	0	0
0.004492	0	0	0	0	0	0
0.008117	0	0	0	0	0	0
0.039476	0	0	0	0	0	0
0.00318	0	0	0	0	0	0
0.004285	0	0	0	0	0	0
0.003656	0	0	0	0	0	0
0.004908	0	0	0	0	0	0
0.002184	0	0	0	0	0	0
0.005555	0	0	0	0	0	0
0.007169	0	0	0	0	0	0
0.002338	0	0	0	0	0	0
0.007417	0	0	0	0	0	0
0.011882	0	0	0	0	0	0
0.01603	0	0	0	0	0	0
0.01748	0	0	0	0	0	0
0.004548	0	0	0	0	0	0
0.004545	0	0	0	0	0	0
0.002474	0	0	0	0	0	0
0.005962	0	0	0	0	0	0
0.005605	0	0	0	0	0	0
0.008176	0	0	0	0	0	0
0.012703	0	0	0	0	0	0
0.037387	0	0	0	0	0	0
0.034562	0	0	0	0	0	0
0.039077	0	0	0	0	0	0
0.052621	0	0	0	0	0	0
0.038048	0	0	0	0	0	0
0.018645	0	0	0	0	0	0
0.018212	0	0	0	0	0	0
0.031334	0	0	0	0	0	0
0.036764	0	0	0	0	0	0
0.004756	0	0	0	0	0	0
0.009444	0	0	0	0	0	0
0.005165	0	0	0	0	0	0
0.055603	0	0	0	0	0	0
0.053546	0	0	0	0	0	0
0.101281	0	0	0	0	0	0
0.054558	0	0	0	0	0	0
0.057532	0	0	0	0	0	0
0.044637	0	0	0	0	0	0
0.060183	0	0	0	0	0	0
0.136049	0	0	0	0	0	0
0.04081	0	0	0	0	0	0
0.038762	0	0	0	0	0	0
0.026416	0	0	0	0	0	0
0.03331	0	0	0	0	0	0
0.051757	0	0	0	0	0	0
0.062201	0	0	0	0	0	0
0.367399	0	0	0	0	0	0

0.187366	0	0	0	0	0	0
0.3933	0.04	0	0	0	0	0
0.007984	0	0	0	0	0	0
0.007082	0	0	0	0	0	0
0.01143	0	0	0	0	0	0
0.138796	0	0	0	0	0	0
0.922628	0	0	0	0	0	0
0.963699	0	0	0	0	0	0
0.036953	0	0	0	0	0	0
0.030689	0	0	0	0	0	0
0.022166	0	0	0	0	0	0
0.025221	0	0	0	0	0	0
0.036891	0	0	0	0	0	0
0.024312	0	0	0	0	0	0
0.036536	0	0	0	0	0	0
0.03003	0	0	0	0	0	0
0.015362	0	0	0	0	0	0
0.05079	0	0	0	0	6	6
0.035363	0	6	0	0	0	6
0.044064	0	0	0	0	0	0
0.0325	0	0	0	0	0	0
0.035108	0	0	0	0	0	0
0.032739	0	0	0	0	0	0
0.021803	0	0	0	0	0	0
0.029156	0	0	0	0	0	0
0.088648	0	0	0	0	0	0
0.205054	0	0	0	0	0	0
0.172038	0	0	0	0	0	0
0.219641	0	0	0	0	0	0
0.229738	0	0	0	0	0	0
0.060782	0	0	0	0	0	0
0.011161	0	0	0	0	0	0
0.018868	0	0	0	0	0	0
0.005512	0	0	0	0	0	0
0.050347	0	0	0	0	0	0
0.250573	0	0	0	0	0	0
0.223738	0	0	0	0	0	0
0.097821	0	0	0	0	0	0
0.290925	0	0	0	0	0	0
0.301646	0	0	0	0	0	0
0.006245	0	0	0	0	0	0
0.009168	0	0	0	0	0	0
0.005819	0	0	0	0	0	0
0.006928	0	0	0	0	0	0
0.005133	0	0	0	0	0	0
0.1322	0	0	0	0	0	0
0.004998	0	0	0	0	0	0
0.004765	0	0	0	0	0	0
0.004641	0	0	0	0	0	0
0.004802	0	0	0	0	0	0

0.004371	0	0	0	0	0	0
0.019581	0	0	0	0	0	0
0.003953	0	0	0	0	0	0
0.521112	0	0	0	0	0	0
0.001849	0.01	0	0	0	0	0
0.001309	0	0	0	0	0	0
0.003139	0	0	0	0	0	0
0.001157	0	0	0	0	0	0
0.0143	0	0	0	0	0	0
0.024855	0	0	0	0	0	0
0.014781	0	0	0	0	0	0
0.043341	0	0	0	0	0	0
0.017382	0	0	0	0	0	0
0.026859	0	0	0	0	0	0
0.030472	0	0	0	0	0	0
0.007391	0	0	0	0	0	0
0.013711	0	0	0	0	0	0
0.012009	0	0	0	0	0	0
0.010634	0	0	0	0	0	0
0.049957	0	0	0	0	0	0
0.023052	0	0	0	0	0	0
0.025315	0	0	0	0	0	0
0.119476	0	0	0	5	0	5
0.044988	0	0	0	0	0	0
0.018747	0	0	0	0	0	0
0.057251	0	0	0	0	0	0
0.023453	0	0	0	0	0	0
0.03826	0	0	0	0	0	0
0.025742	0	0	0	0	0	0
0.032574	0	0	0	0	0	0
0.014507	0	0	4	4	0	8
0.011824	0	0	0	0	0	0
0.017163	0	0	0	0	0	0
0.009274	0	0	0	0	0	0
0.021256	0	0	0	0	0	0
0.025168	0	0	0	0	0	0
0.015402	0	0	0	0	0	0
0.00546	0	0	0	0	0	0
0.00474	0	0	0	0	0	0
0.014499	0	0	0	0	0	0
0.019726	0	0	0	0	0	0
0.020352	0	0	0	0	0	0
0.017584	0	0	0	0	0	0
0.030366	0	0	0	0	0	0
0.018551	0	0	0	0	0	0
0.015208	0	0	0	0	0	0
0.042299	0	0	0	0	0	0
0.037457	0	0	0	0	0	0
0.032096	0	0	0	0	0	0
0.037994	0	0	0	0	0	0

0.029406	0	0	0	0	0	0
0.160098	0	0	0	0	0	0
0.02289	0	0	0	0	0	0
0.023083	0	0	0	0	0	0
0.057932	0	0	0	0	0	0
0.014132	0	0	0	0	0	0
0.062057	0	0	0	0	0	0
0.004226	0	0	0	0	0	0
0.012355	0	0	0	0	0	0
0.019097	0	0	0	0	0	0
0.006331	0	0	0	0	0	0
0.007764	0	0	0	0	0	0
0.012768	0	0	0	0	0	0
0.013572	0	0	0	0	0	0
0.012779	0	0	0	0	0	0
0.012173	0	0	0	0	0	0
0.010992	0	0	0	0	0	0
0.011244	0	0	0	0	0	0
0.064984	0	0	0	0	0	0
0.038945	0	0	0	0	0	0
0.019946	0	0	0	0	0	0
0.006983	0	0	0	0	0	0
0.00337	0	0	0	0	0	0
0.042304	0	0	0	0	0	0
0.011824	0	0	0	0	0	0
0.002644	0	0	0	0	0	0
0.031259	0	0	0	0	0	0
0.034309	0	0	0	0	0	0
0.671596	0.39	0	0	0	0	0
0.103696	0	0	0	0	0	0
0.004086	0	0	0	0	0	0
0.084345	0	0	0	0	0	0
0.03684	0	0	0	0	0	0
0.092062	0	0	0	0	0	0
0.004183	0	0	0	0	0	0
0.009277	0	0	0	0	0	0
0.003547	0	0	0	0	0	0
0.016898	0	0	0	0	0	0
0.013966	0	0	0	0	0	0
0.018826	0	0	0	0	0	0
0.004704	0	0	0	0	0	0
0.067668	0	0	0	0	0	0
0.038128	0	0	0	0	0	0
0.202643	0	0	0	0	0	0
0.057853	0	0	0	0	0	0
0.057026	0	0	0	0	0	0
0.131121	0	0	0	0	0	0
0.103154	0	0	0	0	0	0
0.059865	0	0	0	0	0	0
0.061178	0	0	0	0	0	0



0.091082	0	0	0	0	0	0
0.105764	0	0	0	0	0	0
0.667524	0	0	0	0	0	0
0.003387	0	2	0	0	0	2
0.004371	0	0	0	0	0	0
0.005986	0	0	0	0	0	0
0.001011	0	0	0	0	0	0
0.001308	0	0	0	0	0	0
0.003605	0	0	0	0	0	0
0.005305	0	0	0	0	0	0
0.004429	0	0	0	0	0	0
0.004036	0	0	0	0	0	0
0.003553	0	0	0	0	0	0
0.00237	0	0	0	0	0	0
0.006763	0	0	0	0	0	0
0.002235	0	0	0	0	0	0
0.002076	0	0	0	0	0	0
0.00245	0	0	0	0	0	0
0.004384	0	0	0	0	0	0
0.053813	0	0	0	0	0	0
0.055979	0	0	0	0	0	0
0.039651	0	0	0	0	0	0
0.041442	0	0	0	0	0	0
0.083395	0	0	0	0	0	0
0.233694	0	0	0	0	0	0
0.127055	0	0	0	0	0	0
0.35014	0	0	0	0	0	0
0.116889	0	0	0	0	0	0
0.166139	0	0	0	0	0	0
0.332025	0	0	0	0	0	0
0.164264	0	0	0	0	0	0
0.038617	0	0	0	0	0	0
0.053415	0	0	0	0	0	0
0.070369	0	0	0	0	0	0
0.054982	0	0	0	0	0	0
0.189275	0	0	0	0	0	0
0.030669	0	0	0	0	0	0
0.064469	0	0	0	0	0	0
0.055466	0	0	0	0	0	0
0.027853	0	0	0	0	0	0
0.018792	0	0	0	0	0	0
0.061995	0	0	0	0	0	0
0.041371	0	0	0	0	0	0
0.797354	0	0	0	0	0	0
0.024628	0	0	0	0	0	0
0.070217	0	0	0	0	0	0
0.08104	0	0	0	0	0	0
0.022167	0	0	0	0	0	0
0.059448	0	0	0	0	0	0
0.059049	0	0	0	0	0	0

0.500823	0	0	0	0	0	0
0.114044	0	0	0	0	0	0
0.026265	0	0	0	0	0	0
0.049273	0	0	0	0	0	0
0.002926	0	0	0	0	0	0
0.004892	0	0	0	0	0	0
0.017047	0	0	0	0	0	0
0.003571	0	0	0	0	0	0
0.005212	0	0	0	0	0	0
0.015385	0	0	0	0	0	0
0.006216	0	0	0	0	0	0
0.005518	0.01	0	0	0	0	0
0.011422	0.04	0	0	0	0	0
0.025295	0.04	0	0	0	0	0
0.563319	0	0	0	0	0	0
0.051889	0	0	0	0	0	0
0.004486	0	0	0	0	0	0
0.0092	0	0	0	0	0	0
0.007902	0	0	0	0	0	0
0.008268	0	0	0	0	0	0
0.005932	0	0	0	0	0	0
0.012717	0	0	0	0	0	0
0.005507	0	0	0	0	0	0
0.015889	0	0	0	0	0	0
0.002196	0	0	0	0	0	0
0.005914	0	0	0	0	0	0
0.003471	0	0	0	0	0	0
0.004152	0	0	0	0	0	0
0.045979	0	0	0	0	0	0
0.009648	0	0	0	0	0	0
0.011318	0	0	0	0	0	0
0.005402	0	0	0	0	0	0
0.009343	0	0	0	0	0	0
0.005146	0	0	0	0	0	0
0.012816	0	0	0	0	0	0
0.014439	0	0	0	0	0	0
0.020967	0	0	0	0	0	0
0.008428	0	0	0	0	0	0
0.007672	0	0	0	0	0	0
0.004372	0	0	0	0	0	0
0.006418	0	0	0	0	0	0
0.016781	0	0	0	0	0	0
0.015662	0	0	0	0	0	0
0.085901	0	0	0	0	0	0
0.012368	0	0	0	0	0	0
0.021632	0	0	0	0	0	0
0.01098	0	0	0	0	0	0
0.019053	0	0	0	0	0	0
0.018881	0	0	0	0	0	0
0.012169	0	0	0	0	0	0

0.023414	0	0	0	0	0	0
0.016811	0	0	0	0	0	0
0.093324	0	0	0	0	0	0
0.295416	0	0	0	0	0	0
0.018612	0	0	0	0	0	0
0.083269	0	0	0	0	0	0
0.001034	0	0	0	0	0	0
0.001209	0	0	0	0	0	0
0.031183	0	0	0	0	0	0
0.009512	0	0	0	0	0	0
0.00285	0	0	0	0	0	0
0.004464	0	0	0	0	0	0
0.002121	0	0	0	0	0	0
0.004894	0	0	0	0	0	0
0.006682	0	0	0	0	0	0
0.004729	0	0	0	0	0	0
0.007019	0	0	0	0	0	0
0.003726	0	0	0	0	0	0
0.005852	0	0	0	0	0	0
0.010142	0	0	0	0	0	0
0.003639	0	0	0	0	0	0
0.010108	0	0	0	0	0	0
0.00804	0	0	0	0	0	0
0.005891	0	0	0	0	0	0
0.006644	0	0	0	0	0	0
0.006614	0	0	0	0	0	0
0.003768	0	0	0	0	0	0
0.00529	0	0	0	0	0	0
0.01031	0	0	0	0	0	0
0.028285	0	0	0	0	0	0
0.025062	0	0	0	0	0	0
0.019845	0	0	0	0	0	0
0.059251	0	0	0	0	0	0
0.051647	0	0	0	0	0	0
0.118201	0	0	0	0	0	0
0.048887	0	0	0	0	0	0
0.07996	0	0	0	0	0	0
0.087314	0	0	0	0	0	0
0.086707	0	0	0	0	0	0
0.091472	0	0	0	0	0	0
0.3032	0	0	0	0	0	0
0.086042	0	0	0	0	0	0
0.056782	0	0	0	0	0	0
0.039063	0	0	0	0	0	0
0.057922	0	0	0	0	0	0
0.040171	0	0	0	0	0	0
0.056167	0	0	0	0	0	0
0.059853	0	0	0	0	0	0
0.000401	0	0	0	0	0	0
0.000226	0	0	0	0	0	0

0.001931	0	0	0	0	0	0
0.008994	0	0	0	0	0	0
0.001334	0	0	0	0	0	0
0.008258	0	0	0	0	0	0
0.029792	0	0	0	0	0	0
0.013812	0	0	0	0	0	0
0.006262	0	0	0	0	0	0
0.003385	0	0	0	0	0	0
0.000144	0	0	0	0	0	0
0.084357	0	0	0	0	0	0
0.054699	0	0	0	0	0	0
0.056817	0	0	0	0	0	0
0.050563	0	0	0	0	0	0
0.06358	0	0	0	0	0	0
0.062095	0	0	0	0	0	0
0.396589	0	0	0	0	0	0
0.180215	0	0	0	0	0	0
0.045099	0	0	0	0	0	0
0.087042	0	0	0	0	0	0
0.015137	0	0	0	0	0	0
0.016588	0	0	0	0	0	0
0.029588	0	0	0	0	0	0
0.028859	0	0	0	0	0	0
0.026325	0	0	0	0	0	0
0.04	0	0	0	0	0	0
0.02954	0	0	0	0	0	0
0.032352	0	0	0	0	0	0
0.028194	0	0	0	0	0	0
0.047438	0	0	0	0	0	0
0.031333	0	0	0	0	0	0
0.09664	0	0	0	0	2	2
0.041856	0	2	0	0	0	2
0.052492	0	0	0	0	0	0
0.02604	0	0	0	0	0	0
0.039927	0	0	0	0	0	0
0.031768	0	0	0	0	0	0
0.189889	0	0	0	0	0	0
0.062901	0	0	0	0	0	0
0.037156	0	0	0	0	0	0
0.04436	0	0	0	0	0	0
0.03031	0	0	0	0	0	0
0.034233	0	0	0	0	0	0
0.19838	0	0	0	0	0	0
0.119627	0	0	0	0	0	0
0.11223	0	0	0	0	0	0
0.004923	0	0	0	0	0	0
0.003759	0	0	0	0	0	0
0.008016	0	0	0	0	0	0
0.004809	0	0	0	0	0	0
0.017344	0	0	0	0	0	0

0.003704	0	0	0	0	0	0
0.009125	0	0	0	0	0	0
0.001435	0	0	0	0	0	0
0.001702	0	0	0	0	0	0
0.002136	0	0	0	0	0	0
0.003659	0	0	0	0	0	0
0.008723	0	0	0	0	0	0
0.002093	0	0	0	0	0	0
0.001191	0	0	0	0	0	0
0.004583	0	0	0	0	0	0
0.004302	0	0	0	0	0	0
0.004017	0	0	0	0	0	0
0.005922	0	0	0	0	0	0
0.004319	0	0	0	0	0	0
0.073165	0	0	0	0	0	0
0.004109	0	0	0	0	0	0
0.000815	0	0	0	0	0	0
0.002436	0	0	0	0	0	0
0.001751	0	0	0	0	0	0
0.000664	0	0	0	0	0	0
0.00181	0	0	0	6	0	6
0.001298	0	0	0	0	0	0
0.001065	0	0	0	0	3	3
0.000605	0	3	0	0	0	3
0.000662	0	0	0	0	0	0
0.009581	0	0	0	0	0	0
0.003508	0	0	0	0	0	0
0.000789	0	0	0	0	0	0
0.000943	0	0	0	0	0	0
0.002608	0	0	0	0	0	0
0.001939	0	0	0	0	2	2
0.001033	0	2	0	0	0	2
0.006678	0	0	0	4	0	4
0.001003	0	0	0	0	2	2
0.002716	0	2	0	0	5	7
0.00101	0	5	0	0	0	5
0.003904	0	0	0	0	0	0
0.003752	0	0	0	0	0	0
0.002181	0	0	0	0	0	0
0.002051	0	0	0	0	0	0
0.001625	0	0	0	0	0	0
0.002422	0	0	0	0	0	0
0.003452	0	0	0	0	0	0
0.078719	0	0	0	4	0	4
0.007987	0	0	0	0	0	0
0.004467	0	0	0	0	0	0
0.020082	0	0	0	0	0	0
0.005353	0	0	0	0	0	0
0.008495	0	0	0	0	0	0
0.003018	0.01	0	0	0	0	0

0.002614	0	0	0	0	0	0
0.002477	0	0	0	0	0	0
0.003365	0	0	0	0	0	0
0.002763	0	0	0	0	0	0
0.002769	0	0	0	0	0	0
0.002397	0	0	0	0	0	0
0.001534	0	0	0	0	0	0
0.018918	0	0	0	0	0	0
0.000823	0	0	0	0	0	0
0.016004	0	0	0	0	0	0
0.020179	0	0	0	0	0	0
0.00348	0	0	0	0	0	0
0.003841	0	0	0	0	0	0
0.011936	0	0	0	0	0	0
0.006125	0	0	0	0	0	0
0.00353	0	0	0	0	0	0
0.074783	0	0	0	0	0	0
0.119836	0	0	0	0	0	0
0.020597	0	0	0	0	0	0
0.250405	0.1	0	0	0	0	0
0.131998	0	0	0	0	0	0
0.51231	0	0	0	0	0	0
0.020488	0	0	0	0	0	0
0.036401	0	0	0	0	0	0
0.037862	0	0	0	0	0	0
0.054345	0	0	0	0	0	0
0.041352	0	0	0	0	0	0
0.036018	0	0	0	0	0	0
0.020683	0	0	0	0	0	0
0.024018	0	0	0	0	0	0
0.636232	0	0	0	0	0	0
0.01437	0	0	0	0	0	0
0.006653	0	0	0	0	0	0
0.019953	0	0	0	0	0	0
0.007168	0	0	0	0	0	0
0.007917	0	0	0	0	0	0
0.008711	0	0	0	0	0	0
0.013854	0	0	0	0	0	0
0.013455	0	0	0	0	0	0
0.014281	0	0	0	0	0	0
0.007451	0	0	0	0	0	0
0.005139	0	0	0	0	0	0
0.005321	0	0	0	0	0	0
0.008163	0	0	0	0	0	0
0.026794	0	0	0	0	0	0
0.130321	0	0	0	0	0	0
0.004207	0	0	0	0	0	0
0.009683	0	0	0	0	0	0
0.012583	0	0	0	0	0	0
0.02035	0	0	0	0	0	0

0.102147	0	0	0	0	0	0
0.006354	0	0	0	0	0	0
0.05624	0	0	0	0	0	0
0.04479	0	0	0	0	0	0
0.048892	0	0	0	0	0	0
0.011199	0	0	0	0	0	0
0.084306	0	0	0	0	0	0
0.013965	0	0	0	0	0	0
0.01496	0	0	0	0	0	0
0.018955	0	0	0	0	0	0
0.044107	0	0	0	0	0	0
0.010347	0	0	0	0	0	0
0.013222	0	0	0	0	0	0
0.011756	0.02	0	0	0	0	0
0.005614	0	0	0	0	0	0
0.004308	0	0	0	0	0	0
0.009035	0	0	0	0	0	0
0.065442	0	0	0	0	0	0
0.042246	0	0	0	0	0	0
0.022812	0	0	0	0	0	0
0.076897	0	0	0	0	0	0
0.070337	0	0	0	0	0	0
0.044432	0	0	0	0	0	0
0.173268	0	0	0	0	0	0
0.0284	0	0	0	0	0	0
0.025674	0	0	0	0	0	0
0.027774	0	0	0	0	0	0
0.021139	0	0	0	0	0	0
0.006876	0	0	0	0	0	0
0.003478	0	0	0	0	0	0
0.001196	0	0	0	0	0	0
0.000599	0	0	0	0	0	0
0.000961	0	0	0	0	0	0
0.003942	0	0	0	0	0	0
0.001099	0	0	0	0	0	0
0.003231	0	0	0	0	0	0
0.000643	0	0	0	0	0	0
0.003333	0	0	0	0	0	0
0.053226	0	0	0	0	0	0
0.064914	0	0	0	0	0	0
0.061876	0	0	0	0	0	0
0.072616	0	0	0	0	0	0
0.076741	0	0	0	0	0	0
0.034039	0	0	0	0	0	0
0.031911	0	0	0	0	0	0
0.04207	0	0	0	0	0	0
0.049515	0	0	0	0	0	0
0.083081	0	0	0	0	0	0
0.04208	0	0	0	0	0	0
0.043478	0	0	0	0	0	0

0.02805	0	0	0	0	0	0
0.060437	0	0	0	0	0	0
0.084945	0	0	0	0	0	0
0.008712	0	0	0	0	0	0
0.004517	0	0	0	0	0	0
0.007612	0	0	0	0	0	0
0.006101	0	0	0	0	0	0
0.007299	0	0	0	0	0	0
0.025913	0	0	0	0	0	0
0.021051	0	0	0	0	0	0
0.007889	0	0	0	0	0	0
0.005204	0	0	0	0	0	0
0.008608	0	0	0	0	0	0
0.351235	0.07	0	0	0	0	0
0.054713	0	0	0	0	0	0
0.048902	0	0	0	0	0	0
0.025035	0	0	0	0	0	0
0.017292	0	0	0	0	0	0
0.013548	0	0	0	0	0	0
0.005196	0	0	0	0	0	0
0.006818	0	0	0	0	0	0
0.003781	0	0	0	0	0	0
0.013261	0	0	0	0	0	0
0.009503	0	0	0	0	0	0
0.004156	0	0	0	0	0	0
0.003255	0	0	0	0	0	0
0.004997	0	0	0	0	0	0
0.017411	0	0	0	0	0	0
0.078671	0	0	0	0	0	0
0.060915	0	0	0	0	0	0
0.024541	0	0	0	0	0	0
0.006643	0	0	0	0	0	0
0.014419	0	0	0	0	0	0
0.008605	0	0	0	0	0	0
0.012097	0	0	0	0	0	0
0.1362	0	0	0	0	6	6
0.006366	0	6	0	0	0	6
0.016443	0	0	0	0	0	0
0.008436	0	0	0	0	0	0
0.01246	0	0	0	0	0	0
0.016147	0	0	0	0	0	0
0.944256	0	0	0	0	0	0
0.03843	0	0	0	0	0	0
0.078909	0	0	0	0	0	0
0.039533	0	0	0	0	0	0
0.024027	0	0	0	0	0	0
0.028863	0	0	0	0	0	0
0.056033	0	0	0	0	0	0
0.021624	0	0	0	0	0	0
0.019194	0	0	0	0	0	0



0.013812	0	0	0	0	0	0
0.170206	0	0	0	0	0	0
0.053945	0	0	0	0	0	0
0.030848	0	0	0	0	0	0
0.015984	0	0	0	0	0	0
0.004801	0	0	0	0	0	0
0.006086	0	0	0	0	0	0
0.010125	0	0	0	0	0	0
0.00004	0	0	0	0	0	0
0.003002	0	0	0	0	0	0
0.003556	0	0	0	0	4	4
0.003965	0	4	0	0	0	4
0.012367	0	0	0	0	0	0
0.000423	0	0	0	0	0	0
0.004901	0	0	0	0	0	0
0.00223	0	0	0	0	0	0
0.00236	0	0	0	0	0	0
0.051702	0	0	0	0	0	0
0.06049	0	0	0	0	0	0
0.069423	0	0	0	0	0	0
0.028511	0	0	0	0	0	0
0.033619	0	0	0	0	0	0
0.042484	0	23	0	0	1	24
0.051695	0	1	0	0	0	1
0.14009	0	0	1	1	9	11
0.031597	0	9	0	0	0	9
0.02449	0	0	0	0	0	0
0.008643	0	0	0	0	0	0
0.004693	0	0	0	0	0	0
0.007112	0	0	0	0	0	0
0.008523	0	0	0	0	0	0
0.007428	0	0	0	0	0	0
0.093758	0	0	0	0	0	0
0.042854	0	0	0	0	0	0
0.056462	0	0	0	0	0	0
0.059691	0	0	0	0	0	0
0.082352	0	0	0	0	0	0
0.043803	0	0	0	0	0	0
0.049244	0	0	0	0	0	0
0.02202	0	0	0	0	0	0
0.130745	0	0	0	0	0	0
0.281399	0	0	0	0	0	0
0.045809	0	0	0	0	0	0
0.050381	0	0	0	0	0	0
0.02836	0	0	0	0	0	0
0.161126	0	0	0	0	0	0
0.042475	0	0	0	0	0	0
0.136265	0	0	0	0	0	0
0.031179	0	0	0	0	0	0
0.011243	0	0	0	0	0	0

0.038521	0	0	0	0	0	0
0.099384	0	0	0	0	0	0
0.014647	0	0	0	0	0	0
0.043046	0	0	0	0	0	0
0.03237	0	0	0	0	0	0
0.005908	0	0	0	0	0	0
0.007866	0	0	0	0	0	0
0.003351	0	0	0	0	0	0
0.014538	0	0	0	0	0	0
0.005163	0	0	0	0	0	0
0.004785	0	0	0	0	0	0
0.080455	0.1	0	0	0	0	0
0.114401	0	0	1	0	0	1
0.157182	0.01	0	0	0	0	0
0.213088	0	0	0	0	0	0
0.073315	0	0	0	0	0	0
0.046378	0	0	0	0	0	0
0.050106	0	0	0	0	0	0
0.073401	0	0	0	0	0	0
0.026183	0	0	0	0	0	0
0.041493	0	0	0	0	0	0
0.024925	0	0	0	0	0	0
0.028956	0	0	0	0	0	0
0.040733	0	0	0	0	0	0
0.071239	0	0	2	0	0	2
0.271118	0.08	0	0	0	0	0
0.071988	0	0	0	0	0	0
0.078117	0	0	0	0	0	0
0.033725	0	0	0	0	0	0
0.007244	0	0	0	0	0	0
0.001311	0	0	0	0	0	0
0.006807	0	0	0	0	0	0
0.005823	0	0	0	0	0	0
0.005686	0	0	0	0	0	0
0.004468	0	0	0	0	0	0
0.157283	0	0	0	0	0	0
0.009864	0	0	0	0	0	0
0.022347	0	0	0	0	0	0
0.007501	0	0	0	0	0	0
0.004958	0	0	0	0	0	0
0.00539	0	0	0	0	0	0
0.009807	0	0	0	0	0	0
0.076664	0	0	0	0	0	0
0.065142	0	0	0	0	0	0
0.043746	0	0	0	0	0	0
0.042606	0	0	0	0	0	0
0.057276	0	0	0	0	0	0
0.059509	0	0	0	0	0	0
0.161998	0	0	0	0	0	0
0.094562	0	0	0	0	0	0

0.069677	0	0	0	0	0	0
0.093749	0	0	0	0	0	0
0.066203	0	0	0	0	0	0
0.084272	0	0	0	0	0	0
0.038808	0	0	0	0	0	0
0.049833	0	0	0	0	0	0
0.054512	0	0	0	0	0	0
0.048378	0	0	0	0	0	0
0.05228	0	0	0	0	0	0
0.276977	0.03	0	0	0	0	0
0.027279	0	0	0	0	0	0
0.025477	0	0	0	0	0	0
0.012281	0	0	0	0	0	0
0.020414	0	0	0	0	0	0
0.015348	0	0	0	0	0	0
0.030411	0	0	0	0	0	0
0.022568	0	0	0	0	0	0
0.01935	0	0	0	0	0	0
0.01761	0	0	0	0	0	0
0.025243	0	0	0	0	0	0
0.027794	0	0	0	0	0	0
0.031522	0	0	0	0	0	0
0.238862	0.04	0	0	0	0	0
0.026478	0	0	0	0	0	0
0.02573	0	0	0	0	0	0
0.021249	0	0	0	0	0	0
0.033006	0	0	0	0	0	0
0.040324	0	0	0	0	0	0
0.038444	0	0	0	0	0	0
0.028996	0	0	0	0	0	0
0.086211	0	0	0	0	0	0
0.012303	0	0	0	0	0	0
0.006164	0	0	0	0	0	0
0.014898	0	0	0	0	0	0
0.037241	0	0	0	0	0	0
0.040162	0	0	0	0	0	0
0.045077	0	0	0	0	0	0
0.017962	0	0	0	0	0	0
0.017624	0	0	0	0	0	0
0.004236	0	0	0	0	0	0
0.028895	0	0	0	0	0	0
0.116477	0	0	0	6	0	6
0.03473	0	0	0	0	0	0
0.134721	0	0	0	0	0	0
0.397165	0	0	0	0	0	0
0.031455	0	0	0	0	0	0
0.143966	0.01	0	0	0	0	0
0.025251	0	0	0	0	0	0
0.221298	0	0	0	0	0	0
0.032321	0	0	0	0	0	0

0.160909	0.02	0	0	0	0	0
0.017224	0	0	0	0	0	0
0.295962	0.04	0	0	0	0	0
0.011018	0	0	0	0	0	0
0.02038	0	0	0	0	0	0
0.459527	0	0	0	0	0	0
0.066708	0	0	0	0	0	0
0.085706	0	0	0	0	0	0
0.175072	0.05	0	0	0	0	0
0.651274	0.35	0	0	6	0	6
0.024786	0	0	1	0	0	1
0.053372	0	0	0	0	0	0
0.051726	0	0	0	0	0	0
0.060576	0	0	0	0	0	0
0.096559	0	0	0	0	0	0
0.049337	0	0	0	0	0	0
0.027223	0	0	0	0	0	0
0.015915	0	0	0	0	0	0
0.033213	0	0	0	0	0	0
0.042938	0	0	0	0	0	0
0.055792	0	0	0	0	0	0
0.162479	0	0	0	0	0	0
0.019008	0	0	0	0	0	0
0.067122	0	0	0	0	0	0
0.006792	0	0	0	0	0	0
0.032044	0	0	0	0	0	0
0.053982	0	0	0	0	0	0
0.023499	0	0	0	0	0	0
0.039773	0	0	0	0	0	0
0.0186	0	0	0	0	0	0
0.039105	0	0	0	0	0	0
0.029658	0	0	0	0	0	0
0.026933	0	0	0	0	0	0
0.022291	0	0	0	0	0	0
0.024175	0	0	0	0	3	3
0.042657	0	3	0	0	0	3
0.08292	0	0	0	0	0	0
0.000436	0	0	0	0	0	0
0.007557	0	0	0	0	0	0
0.063628	0	0	0	0	0	0
0.165233	0	0	0	0	0	0
0.040139	0	0	0	0	0	0
0.040488	0	0	0	0	0	0
0.023399	0	0	0	0	0	0
0.053084	0	0	0	0	0	0
0.03932	0	0	0	0	0	0
0.033368	0	0	0	0	0	0
0.074236	0	0	0	0	0	0
0.09215	0	0	0	0	0	0
0.07553	0	0	0	0	0	0

0.067961	0	0	0	0	0	0
0.077288	0	0	0	0	0	0
0.034972	0	0	0	0	0	0
0.069533	0	0	0	0	0	0
0.047114	0	0	0	0	0	0
0.119871	0	0	0	0	0	0
0.041461	0	0	0	0	0	0
0.045186	0	0	0	0	0	0
0.039578	0	0	0	0	0	0
0.035394	0	0	0	0	0	0
0.018646	0	0	0	0	0	0
0.017892	0	0	0	0	0	0
0.024501	0	0	0	0	0	0
0.086174	0	0	0	0	0	0
0.039399	0	0	0	0	0	0
0.032735	0	0	0	0	0	0
0.041836	0	0	0	0	0	0
0.055946	0	0	0	0	0	0
0.052246	0	0	0	0	0	0
0.047964	0	0	0	0	0	0
0.037342	0	0	0	0	0	0
0.025711	0	0	0	0	0	0
0.050078	0	0	0	0	0	0
0.042077	0	0	0	0	0	0
0.048726	0	0	0	0	0	0
0.059157	0	0	0	0	0	0
0.048609	0	0	0	0	0	0
0.046963	0	0	0	0	0	0
0.04753	0	0	0	0	0	0
0.048697	0	0	0	0	0	0
0.045393	0	0	0	0	0	0
0.052939	0	0	0	0	0	0
0.054119	0	0	0	0	0	0
0.110067	0	0	0	0	0	0
0.053502	0	0	0	0	0	0
0.043108	0	0	0	0	0	0
0.051986	0	0	0	0	0	0
0.04248	0	0	0	0	0	0
0.063616	0	0	0	0	0	0
0.067944	0	0	0	0	0	0
0.029274	0	0	0	0	0	0
0.038534	0	0	0	0	0	0
0.03874	0	0	0	0	0	0
0.087978	0	0	0	0	0	0
0.040224	0	0	0	0	0	0
0.057561	0	0	0	0	0	0
0.040158	0	0	0	0	0	0
0.03779	0	0	0	0	0	0
0.029593	0	0	0	0	0	0
0.043252	0	0	0	0	0	0

0.019998	0	0	0	0	0	0
0.036795	0	0	0	0	0	0
0.023706	0	0	0	0	0	0
0.023241	0	0	0	0	0	0
0.02618	0	0	0	0	0	0
0.035797	0	0	0	0	0	0
0.017526	0	5	0	0	0	5
0.012994	0	0	0	0	0	0
0.015711	0	0	0	0	0	0
0.018888	0	0	0	0	0	0
0.018637	0	0	0	0	0	0
0.01704	0	0	0	0	0	0
0.01545	0	0	0	0	0	0
0.017672	0	0	0	0	0	0
0.029961	0	0	0	0	0	0
0.018344	0	0	0	0	0	0
0.049623	0	0	0	0	0	0
0.029672	0	0	0	0	0	0
0.013726	0	0	0	0	0	0
0.007287	0	0	0	0	0	0
0.030262	0	0	0	0	0	0
0.041529	0	0	0	0	0	0
0.085826	0	0	0	0	0	0
0.101772	0	0	0	0	0	0
0.028599	0	0	0	0	0	0
0.050555	0	0	0	0	0	0
0.022167	0	0	0	0	0	0
0.027677	0	0	0	0	0	0
0.019432	0	0	0	0	0	0
0.01457	0	0	0	0	0	0
0.015366	0	0	0	0	0	0
0.044051	0	0	0	0	0	0
0.018232	0	0	1	1	0	2
0.025572	0.03	0	0	0	0	0
0.006674	0	0	0	0	0	0
0.007139	0	0	0	0	0	0
0.022861	0	0	0	0	0	0
0.028775	0	0	0	0	0	0
0.006733	0	0	0	0	0	0
0.090712	0	0	4	0	0	4
0.008677	0	0	0	0	0	0
0.038903	0	0	0	0	0	0
0.006103	0	0	0	0	0	0
0.007	0	0	0	0	0	0
0.00587	0	0	0	0	0	0
0.005964	0	0	0	0	0	0
0.028472	0	0	0	0	0	0
0.027826	0	0	0	0	0	0
0.032799	0	0	0	0	0	0
0.00639	0	0	0	0	0	0

0.012448	0	0	0	0	0	0
0.065178	0	0	0	0	7	7
0.089868	0	7	1	0	0	8
0.02002	0	0	0	0	0	0
0.015391	0	0	0	0	0	0
0.030714	0	0	0	0	0	0
0.022266	0	0	0	0	0	0
0.01266	0	0	0	0	0	0
0.01768	0	0	0	0	0	0
0.014112	0	0	0	0	0	0
0.013484	0	0	0	0	0	0
0.009129	0	0	0	0	0	0
0.022815	0	0	0	0	0	0
0.015585	0	0	0	0	0	0
0.012678	0	0	0	0	0	0
0.015487	0	0	0	0	0	0
0.011149	0	0	0	0	0	0
0.007901	0	0	0	0	0	0
0.009302	0	0	0	0	0	0
0.007497	0	0	0	0	0	0
0.005201	0	0	0	0	0	0
0.006829	0	0	0	0	0	0
0.00841	0	0	0	0	0	0
0.007337	0	0	0	0	0	0
0.004547	0	0	0	0	0	0
0.00364	0	0	0	0	0	0
0.003974	0	0	0	0	0	0
0.016491	0	0	0	0	0	0
0.004877	0	0	0	0	0	0
0.003426	0	0	0	0	0	0
0.015379	0	0	0	0	0	0
0.016075	0	0	0	0	0	0
0.015986	0	0	0	0	0	0
0.023026	0	0	0	0	0	0
0.027087	0	0	0	0	0	0
0.025394	0	0	0	0	0	0
0.040318	0	0	0	0	0	0
0.052479	0	0	0	0	0	0
0.060315	0	0	0	0	0	0
0.044239	0.06	0	0	0	0	0
0.061433	0	0	0	0	0	0
0.072651	0	0	0	0	0	0
0.047162	0	0	0	0	0	0
0.228561	0	0	0	0	0	0
0.227318	0	0	0	0	0	0
0.214127	0	0	0	0	0	0
0.022112	0	0	0	0	0	0
0.190631	0	0	0	0	0	0
0.24865	0	0	0	0	0	0
0.089112	0	0	0	0	0	0

0.039931	0	0	0	0	0	0
0.025551	0	0	0	0	0	0
0.16549	0	0	0	0	0	0
0.090645	0	0	0	0	0	0
0.027703	0	0	0	0	0	0
0.00902	0	0	0	0	0	0
0.210614	0	0	0	0	0	0
0.029373	0	0	0	0	0	0
0.014079	0	0	0	0	0	0
0.164215	0.02	0	0	0	3	3
0.062626	0	3	0	0	0	3
0.027489	0	0	0	0	0	0
0.041188	0	0	0	0	0	0
0.110381	0.02	0	0	0	0	0
0.005853	0	0	0	0	0	0
0.005664	0	0	0	0	0	0
0.030696	0	0	0	0	0	0
0.011188	0	0	0	0	0	0
0.036922	0	0	0	0	0	0
0.046229	0	0	0	0	0	0
0.098513	0	0	0	0	0	0
0.01759	0	0	0	0	0	0
0.010411	0	0	0	0	0	0
0.007393	0	0	0	0	0	0
0.009625	0	0	0	0	0	0
0.133898	0	0	0	0	0	0
0.044735	0	10	26	10	0	46
0.105282	0	0	13	0	25	38
0.02672	0	25	0	0	0	25
0.032108	0	0	0	0	0	0
0.026557	0	0	0	0	0	0
0.042996	0	0	0	0	0	0
0.032966	0	0	0	0	0	0
0.059204	0	0	15	0	0	15
0.037423	0	0	3	0	0	3
0.047171	0	0	0	0	0	0
0.036912	0	0	4	4	0	8
0.067684	0	0	5	0	0	5
0.059423	0	0	0	0	12	12
0.047808	0	12	8	0	0	20
0.043994	0	0	0	0	0	0
0.034496	0	0	0	0	0	0
0.053613	0	0	0	0	0	0
0.038549	0	0	0	0	0	0
0.035872	0	0	0	0	0	0
0.029634	0	0	0	0	0	0
0.04069	0	0	0	0	0	0
0.053936	0	0	0	0	0	0
0.048253	0	0	0	0	0	0
0.048326	0	0	0	0	0	0



0.053257	0	0	0	0	0	0
0.037885	0	0	0	0	0	0
0.055836	0	0	0	0	0	0
0.028212	0	0	0	0	0	0
0.046926	0	0	0	0	0	0
0.036099	0	0	0	0	0	0
0.064082	0	0	0	0	0	0
0.009194	0	0	0	0	0	0
0.024746	0	0	0	0	0	0
0.03933	0	0	0	0	0	0
0.029634	0	0	0	0	0	0
0.011531	0	0	0	0	0	0
0.003172	0	0	0	0	0	0
0.058968	0	0	0	0	0	0
0.028244	0	0	0	0	0	0
0.035244	0	0	0	0	0	0
0.039062	0	0	0	0	0	0
0.113113	0	0	0	0	0	0
0.207932	0	0	0	0	0	0
0.187061	0	0	0	0	0	0
0.070627	0	0	0	0	0	0
0.01399	0	0	0	0	0	0
0.045627	0	0	0	0	0	0
0.03677	0	0	0	0	0	0
0.036172	0	0	0	0	0	0
0.163006	0	0	0	0	0	0
0.096351	0	0	0	0	0	0
0.057798	0	0	0	0	0	0
0.048649	0	0	0	0	0	0
0.060137	0	0	0	0	0	0
0.073724	0	0	0	0	0	0
0.025113	0	0	0	0	0	0
0.107931	0	0	0	0	0	0
0.072151	0	0	0	0	0	0
0.048798	0	0	0	0	0	0
0.03815	0	0	0	0	0	0
0.024269	0	0	0	0	0	0
0.031921	0	0	0	0	0	0
0.055406	0	0	0	0	0	0
0.092512	0	0	0	0	0	0
0.086203	0	0	0	0	0	0
0.037179	0	0	0	0	0	0
0.032293	0	0	0	0	0	0
0.023771	0	0	0	0	0	0
0.008025	0	0	0	0	0	0
0.008881	0	0	0	0	0	0
0.009176	0	0	0	0	0	0
0.019223	0	0	0	0	0	0
0.010826	0	0	0	0	0	0
0.006803	0	0	0	0	0	0

0.020755	0	0	0	0	0	0
0.008219	0	0	0	0	0	0
0.029254	0	0	0	0	0	0
0.032537	0	0	0	0	0	0
0.015825	0	0	0	0	0	0
0.009998	0	0	0	0	0	0
0.014274	0	0	0	0	0	0
0.024539	0	0	0	0	0	0
0.034828	0	0	0	0	0	0
0.000624	0	0	0	0	0	0
0.000513	0	0	0	0	0	0
0.000369	0	0	0	0	0	0
0.000331	0	0	0	0	0	0
0.002925	0	0	0	0	3	3
0.000289	0	3	0	0	0	3
0.001965	0	0	0	0	0	0
0.000185	0	0	0	0	0	0
0.419355	0.04	0	0	0	0	0
0.034173	0	0	0	0	0	0
0.078477	0	0	0	0	0	0
0.005382	0	0	0	0	0	0
0.01185	0.11	0	0	0	0	0
0.053872	0.08	0	0	0	0	0
0.017981	0	0	0	0	0	0
0.008486	0	0	0	0	0	0
0.04055	0	0	0	0	0	0
0.117118	0	0	0	0	0	0
0.020217	0	0	0	0	0	0
0.107224	0	0	0	0	0	0
0.101685	0	0	0	0	0	0
0.432763	0	0	0	0	0	0
0.009439	0	0	0	0	0	0
0.014367	0	0	0	0	0	0
0.017062	0	0	0	0	0	0
0.088594	0.09	0	0	0	0	0
0.078416	0.09	0	0	0	0	0
0.108548	0	0	0	0	0	0
0.005779	0	0	0	0	0	0
0.008754	0	0	0	0	0	0
0.013858	0	0	0	0	0	0
0.007029	0	0	0	0	0	0
0.010185	0	0	0	0	0	0
0.028198	0	0	0	0	0	0
0.008526	0	0	0	0	0	0
0.013568	0	0	0	0	0	0
0.055117	0	0	0	0	0	0
0.046636	0	0	0	0	0	0
0.120451	0	0	0	0	0	0
0.132103	0	0	0	0	0	0
0.038365	0	0	0	0	0	0

0.032779	0	0	0	0	0	0
0.029774	0	0	0	0	0	0
0.02196	0	0	0	0	0	0
0.044455	0	0	0	0	0	0
0.031293	0	0	0	0	0	0
0.03569	0	0	0	0	0	0
0.026844	0	0	0	0	0	0
0.020321	0	0	0	0	0	0
0.032533	0	0	0	0	0	0
0.043503	0	0	0	0	0	0
0.029247	0	0	0	0	0	0
0.021373	0	0	0	0	0	0
0.022429	0	0	0	0	0	0
0.02198	0	0	0	0	0	0
0.022385	0	0	0	0	0	0
0.018651	0	0	0	0	0	0
0.049552	0	0	0	0	0	0
0.020647	0	0	0	0	0	0
0.017706	0	0	0	0	0	0
0.016519	0	0	0	0	0	0
0.013271	0	0	0	0	0	0
0.014522	0	0	0	0	0	0
0.018482	0	0	0	0	0	0
0.009412	0	0	0	0	0	0
0.010158	0	0	0	0	0	0
0.009517	0	0	0	0	0	0
0.010122	0	0	0	0	0	0
0.035728	0	0	0	0	0	0
0.01972	0	0	0	0	0	0
0.038293	0	0	0	0	0	0
0.011337	0	0	0	0	0	0
0.014811	0	0	0	0	0	0
0.023244	0	0	0	0	0	0
0.023836	0	0	0	0	0	0
0.020257	0	0	0	0	0	0
0.078154	0	0	0	0	0	0
0.11265	0	0	0	0	0	0
0.032179	0	0	0	0	0	0
0.028323	0	0	0	0	0	0
0.032732	0	0	0	0	0	0
0.11295	0	0	0	0	0	0
0.049615	0	0	0	0	0	0
0.02413	0	0	3	3	0	6
0.013843	0	0	0	0	0	0
0.025386	0	0	0	0	0	0
0.028389	0	0	0	0	0	0
0.19242	0.03	0	0	0	0	0
0.073506	0	0	0	0	0	0
0.050821	0	0	0	0	0	0
0.299661	0	0	0	0	0	0

0.162378	0	0	0	0	0	0
0.033961	0	0	0	0	0	0
0.169881	0	0	0	0	0	0
0.216154	0	0	0	0	0	0
0.217668	0	0	0	0	0	0
0.150154	0.01	0	0	0	0	0
0.148771	0	0	0	0	0	0
0.166214	0	0	0	0	0	0
0.023095	0	0	0	0	0	0
0.008542	0	0	0	0	0	0
0.008155	0	0	0	0	0	0
0.006976	0	0	0	0	0	0
0.065366	0	0	0	0	0	0
0.015446	0	0	0	0	0	0
0.023975	0	0	0	0	0	0
0.020466	0	0	0	0	0	0
0.01749	0	0	0	0	0	0
0.011595	0	0	0	0	0	0
0.013692	0	0	0	0	0	0
0.012368	0	0	0	0	0	0
0.016555	0	0	0	0	0	0
0.006616	0	0	0	0	0	0
0.003648	0	0	0	0	0	0
0.0658	0	0	0	0	0	0
0.013624	0	0	0	0	0	0
0.005533	0	0	0	0	0	0
0.010603	0	0	0	0	0	0
0.015989	0	0	0	0	0	0
0.009173	0	0	0	0	0	0
0.007381	0	0	0	0	0	0
0.016223	0	0	0	0	0	0
0.015685	0	0	5	0	0	5
0.003884	0	0	0	0	0	0
0.902183	0	0	0	0	0	0
0.099122	0	0	0	0	0	0
0.079529	0	0	0	0	0	0
0.056491	0	0	0	0	0	0
0.480356	0	0	0	0	0	0
0.056257	0	0	0	0	0	0
0.07582	0	0	0	0	0	0
0.043914	0	0	0	0	0	0
0.049016	0	0	0	0	0	0
0.035266	0	0	0	0	0	0
0.088568	0	0	0	0	0	0
0.012128	0	0	0	0	0	0
0.018024	0	0	0	0	0	0
0.013432	0	0	0	0	0	0
0.027416	0	0	0	0	0	0
0.012488	0	0	0	0	0	0
0.01637	0	0	0	0	0	0

0.018488	0	0	0	0	0	0
0.020403	0	0	0	0	0	0
0.013178	0	0	0	0	0	0
0.022666	0	0	0	0	0	0
0.053483	0	0	0	0	0	0
0.205074	0.02	0	0	0	0	0
0.125276	0	0	0	0	0	0
0.052508	0	0	0	0	0	0
0.062334	0	0	0	0	0	0
0.050072	0	0	0	0	0	0
0.056671	0	0	0	0	0	0
0.025846	0	0	0	0	0	0
0.052063	0	0	0	0	0	0
0.141828	0	0	0	0	0	0
0.157616	0	0	0	0	0	0
0.074957	0	0	0	0	0	0
0.076186	0	0	0	0	0	0
0.050154	0	0	0	0	0	0
0.002931	0	0	8	0	0	8
0.001896	0	0	0	0	0	0
0.001041	0	0	0	0	15	15
0.081893	0	15	0	0	0	15
0.118099	0	0	0	0	0	0
0.043472	0	0	0	3	0	3
0.001153	0	0	0	0	0	0
0.001073	0	0	0	0	0	0
0.252452	0	0	0	0	0	0
0.266742	0	0	5	0	0	5
0.001252	0	0	0	0	1	1
0.003053	0	0	0	0	0	0
0.013766	0	1	0	0	0	1
0.002367	0	0	0	0	0	0
0.003933	0	0	0	0	0	0
0.001414	0	0	0	0	0	0
0.001385	0	0	0	0	0	0
0.001308	0	0	0	0	0	0
0.002083	0	0	0	0	0	0
0.000681	0	0	0	0	0	0
0.014829	0	0	0	0	0	0
0.010923	0	0	0	0	0	0
0.077566	0.03	0	0	5	0	5
0.024723	0	0	0	0	0	0
0.011974	0	0	0	0	0	0
0.00842	0	0	0	0	0	0
0.010428	0	0	0	0	0	0
0.021401	0	0	0	0	0	0
0.089176	0	0	0	0	0	0
0.022685	0	0	0	0	0	0
0.030656	0	0	0	0	0	0
0.017556	0	0	0	0	0	0

0.03542	0	0	0	0	0	0
0.045866	0	0	0	0	0	0
0.025737	0	0	0	0	0	0
0.470095	0	0	0	0	0	0
0.454524	0	0	0	0	0	0
0.244453	0	0	0	0	0	0
0.661138	0	0	0	0	0	0
0.741395	0	0	0	0	0	0
0.04165	0	0	0	0	0	0
0.064091	0	0	0	0	0	0
0.074059	0	0	0	0	0	0
0.028121	0	0	0	0	0	0
0.03736	0	0	0	0	0	0
0.172436	0.03	0	0	0	0	0
0.358991	0.15	0	0	0	0	0
0.16054	0	0	0	0	0	0
0.026739	0	0	0	0	0	0
0.041296	0	0	0	0	0	0
0.023587	0	0	0	0	0	0
0.025582	0	0	0	0	0	0
0.032897	0	0	0	0	0	0
0.013105	0	0	0	0	0	0
0.019614	0	0	0	0	0	0
0.081307	0	0	0	0	0	0
0.052775	0	0	0	0	0	0
0.008912	0	0	0	0	0	0
0.003623	0	0	0	0	0	0
0.008547	0	0	0	0	0	0
0.004646	0	0	0	0	0	0
0.005393	0	0	0	0	0	0
0.006872	0	0	0	0	0	0
0.006403	0	0	0	0	0	0
0.004016	0	0	0	0	0	0
0.010412	0	0	0	0	0	0
0.003185	0	0	0	0	0	0
0.752693	0.14	0	0	0	0	0
0.042807	0	0	0	0	0	0
0.045825	0	0	0	0	0	0
0.061102	0	0	0	0	0	0
0.040182	0	0	0	0	0	0
0.051548	0	0	0	0	0	0
0.047264	0	0	0	0	0	0
0.266476	0	0	0	0	0	0
0.03589	0	0	0	0	0	0
0.028873	0	0	0	0	0	0
0.041123	0	0	0	0	0	0
0.034557	0	0	0	0	0	0
0.067818	0	0	0	0	0	0
0.031986	0	0	0	0	0	0
0.06014	0	0	0	0	0	0

0.039635	0	0	0	0	0	0
0.120802	0	0	0	0	0	0
0.117008	0	0	0	0	0	0
0.02132	0	0	0	0	0	0
0.045697	0	0	0	0	0	0
0.039592	0	0	0	0	0	0
0.037513	0	0	0	0	0	0
0.041663	0	0	0	0	0	0
0.027745	0	0	0	0	0	0
0.033772	0	0	0	0	0	0
0.035763	0	0	0	0	0	0
0.030378	0	0	0	0	0	0
0.07195	0	0	0	0	0	0
0.111641	0	0	0	0	0	0
0.181486	0.02	0	3	3	0	6
0.09977	0	0	0	0	0	0
0.078271	0	0	0	0	0	0
0.104327	0	0	0	0	0	0
0.03453	0	0	0	0	0	0
0.003221	0	0	0	0	0	0
0.016617	0	0	0	0	0	0
0.015497	0	0	0	0	0	0
0.01944	0	0	0	0	6	6
0.014938	0	6	0	0	0	6
0.199959	0	0	0	0	0	0
0.154938	0	0	0	0	0	0
0.215608	0	0	0	0	0	0
0.141493	0	0	0	0	0	0
0.091969	0	0	0	0	1	1
0.013733	0	1	0	0	0	1
0.017521	0	0	0	0	0	0
0.087604	0	0	0	0	0	0
0.016904	0	0	0	0	0	0
0.009408	0	0	0	0	0	0
0.006028	0	0	0	0	0	0
0.019603	0	0	0	0	0	0
0.01257	0	0	0	0	0	0
0.015824	0	0	0	0	0	0
0.012084	0	0	0	0	0	0
0.008175	0	0	0	0	0	0
0.008763	0	0	0	0	0	0
0.00615	0	0	0	0	0	0
0.011074	0	0	0	0	0	0
0.008335	0	0	0	0	0	0
0.006705	0	0	0	0	0	0
0.021389	0	0	0	0	0	0
0.023968	0	0	0	0	0	0
0.00243	0	0	0	0	0	0
0.02282	0	0	0	0	0	0
0.011885	0	0	0	0	0	0

0.004227	0	0	0	0	0	0
0.020307	0	0	0	0	0	0
0.027631	0	0	0	0	0	0
0.029264	0	0	0	0	0	0
0.018058	0	0	0	0	0	0
0.009686	0	0	0	0	0	0
0.008041	0	0	0	0	0	0
0.011074	0	0	0	0	0	0
0.007994	0.01	0	0	0	0	0
0.006918	0	0	0	0	0	0
0.089266	0	0	0	0	0	0
0.226748	0	0	0	0	0	0
0.074267	0	0	0	0	0	0
0.02368	0	0	0	0	0	0
0.037746	0	0	0	0	0	0
0.055279	0	0	0	0	0	0
0.020677	0	0	0	0	0	0
0.007225	0	0	0	0	0	0
0.006078	0	0	0	0	0	0
0.816204	0	0	0	0	0	0
0.238233	0	0	0	0	0	0
0.003246	0	0	0	0	0	0
0.002748	0	0	0	0	0	0
0.013597	0	0	0	0	0	0
0.01392	0	0	0	0	0	0
0.005202	0	0	0	0	0	0
0.002144	0	0	0	0	0	0
0.006592	0	0	0	0	0	0
0.00265	0	0	0	0	0	0
0.059848	0	0	0	0	0	0
0.058113	0	0	0	0	0	0
0.098528	0	0	0	0	0	0
0.063344	0	0	0	0	0	0
0.053192	0	0	0	0	0	0
0.101495	0	0	0	0	0	0
0.044008	0	0	0	0	0	0
0.052052	0	0	0	0	0	0
0.04481	0	0	0	0	0	0
0.041086	0	0	0	0	0	0
0.100336	0	0	0	0	0	0
0.106411	0	0	0	0	0	0
0.216623	0	0	0	0	0	0
0.04209	0	0	0	0	0	0
0.072041	0	0	0	0	0	0
0.037752	0	0	0	0	0	0
0.0469	0	0	0	0	0	0
0.029493	0	0	0	0	0	0
0.052844	0	0	0	0	0	0
0.023177	0	0	0	0	0	0
0.061112	0	0	0	0	0	0



0.0653	0	0	0	0	0	0
0.050526	0	0	0	0	0	0
0.05119	0	0	0	0	0	0
0.603495	0	0	0	0	0	0
0.102262	0	0	0	0	0	0
0.134302	0	0	0	0	0	0
0.058666	0	0	0	0	0	0
0.066302	0	0	0	0	0	0
0.06428	0	0	0	0	0	0
0.074691	0	0	0	0	0	0
0.059558	0	0	0	0	0	0
0.294577	0	0	0	0	0	0
0.084217	0	0	0	0	0	0
0.053509	0	0	0	0	0	0
0.10615	0	0	0	0	0	0
0.181994	0	0	0	0	0	0
0.035943	0	0	0	0	0	0
0.039125	0	0	0	0	0	0
0.042367	0	0	0	0	0	0
0.054884	0	0	0	0	0	0
0.049426	0	0	0	0	0	0
0.068304	0	0	0	0	0	0
0.06377	0	0	0	0	0	0
0.057005	0	0	0	0	0	0
0.061105	0	0	0	0	0	0
0.055954	0	0	0	0	0	0
0.074611	0	0	0	0	0	0
0.044265	0	0	0	0	0	0
0.028508	0	0	0	0	0	0
0.041798	0	0	0	0	0	0
0.031368	0	0	0	0	0	0
0.054717	0	0	0	0	0	0
0.038315	0	0	0	0	0	0
0.032702	0	0	0	0	0	0
0.038742	0	0	0	0	0	0
0.025227	0	0	0	0	0	0
0.026	0	0	0	0	0	0
0.039425	0	0	0	0	0	0
0.028293	0	0	0	0	0	0
0.032523	0	0	0	0	0	0
0.019439	0	0	0	0	0	0
0.026245	0	0	0	0	0	0
0.016599	0	0	0	0	0	0
0.031153	0	0	0	0	0	0
0.011325	0	0	0	0	0	0
0.036329	0	0	0	0	0	0
0.042572	0	0	0	0	0	0
0.057586	0	0	0	0	0	0
0.064361	0	0	0	0	0	0
0.064073	0	0	0	0	0	0

0.060754	0	0	0	0	0	0
0.035745	0	0	0	0	0	0
0.011971	0	0	0	0	0	0
0.006742	0	0	0	0	0	0
0.008555	0	0	0	0	0	0
0.006011	0	0	0	0	0	0
0.011363	0	0	0	0	0	0
0.012946	0	0	0	0	0	0
0.019632	0	0	0	0	0	0
0.008374	0	0	0	0	0	0
0.014961	0	0	0	0	0	0
0.007614	0	0	0	0	0	0
0.004551	0	0	0	0	0	0
0.011785	0	0	0	0	0	0
0.009031	0	0	0	0	0	0
0.024998	0	0	0	0	0	0
0.012784	0	0	0	0	0	0
0.012617	0	0	0	0	0	0
0.006884	0	0	0	0	0	0
0.021072	0	0	0	0	0	0
0.007108	0	0	0	0	0	0
0.090075	0	0	0	0	0	0
0.021344	0	0	0	0	0	0
0.021279	0	0	0	0	0	0
0.019263	0	0	0	0	0	0
0.014455	0	0	0	0	0	0
0.021616	0	0	0	0	0	0
0.017758	0	0	0	0	0	0
0.016851	0	0	0	0	0	0
0.027378	0	0	0	0	0	0
0.014389	0	0	0	0	0	0
0.036018	0	0	0	0	0	0
0.013846	0	0	0	0	0	0
0.021043	0	0	0	0	0	0
0.066922	0	0	0	0	0	0
0.016422	0	0	0	0	0	0
0.0238	0	0	0	0	0	0
0.023895	0	0	0	0	0	0
0.022	0	0	0	0	0	0
0.029508	0	0	0	0	0	0
0.019718	0	0	0	0	0	0
0.191886	0	0	0	0	0	0
0.083478	0	0	0	0	0	0
0.109656	0	0	0	0	0	0
0.153565	0	0	0	0	0	0
0.067842	0	0	0	0	0	0
0.313663	0.07	0	0	0	0	0
0.201268	0.07	0	0	0	0	0
0.089161	0	0	0	0	0	0
0.042965	0	0	0	0	0	0

0.125159	0.02	0	0	0	0	0
0.043188	0	0	0	0	0	0
0.017712	0	0	0	0	0	0
0.01211	0	0	0	0	0	0
0.015356	0	0	0	0	0	0
0.016647	0	0	0	0	0	0
0.013379	0	0	0	0	0	0
0.030455	0	0	0	0	0	0
0.030594	0	0	0	0	0	0
0.034322	0	0	0	0	0	0
0.017909	0	0	0	0	0	0
0.023564	0	0	0	0	0	0
0.024914	0	0	0	0	0	0
0.022934	0	0	0	0	0	0
0.024854	0	0	0	0	0	0
0.022374	0	0	0	0	0	0
0.766639	0.4	0	0	0	0	0
0.076596	0	0	0	0	0	0
0.021245	0	0	0	0	0	0
0.029679	0	0	0	0	0	0
0.03491	0	0	0	0	0	0
0.036168	0	0	0	0	0	0
0.052947	0	0	0	0	0	0
0.13232	0	0	0	0	0	0
0.092097	0	0	0	0	0	0
0.138584	0	0	0	0	0	0
0.048173	0	0	0	0	0	0
0.154451	0	0	0	0	0	0
0.052098	0	0	0	0	0	0
0.121813	0	0	0	0	0	0
0.040801	0	0	0	0	0	0
0.055282	0	0	0	0	0	0
0.047173	0	0	0	0	0	0
0.027746	0	0	0	0	0	0
0.032602	0	0	0	0	0	0
0.039749	0	0	0	0	0	0
0.056581	0	0	0	0	0	0
0.042879	0	0	0	0	0	0
0.038501	0	0	0	0	0	0
0.048701	0	0	0	0	0	0
0.080556	0	0	0	0	0	0
0.037021	0	0	0	0	0	0
0.046221	0	0	0	0	0	0
0.031007	0	0	0	0	0	0
0.02772	0	0	0	0	0	0
0.018691	0	0	0	0	0	0
0.045008	0	0	0	0	0	0
0.029776	0	0	0	0	0	0
0.036573	0	0	0	0	0	0
0.057677	0	0	0	0	0	0

0.025026	0	0	0	0	0	0
0.06169	0	0	0	0	0	0
0.040871	0	0	0	0	0	0
0.050828	0	0	0	0	0	0
0.070484	0	0	0	0	0	0
0.0406	0	0	0	0	0	0
0.058476	0	0	0	0	0	0
0.047969	0	0	0	0	0	0
0.031329	0	0	0	0	0	0
0.049295	0	0	0	0	0	0
0.326092	0	0	0	0	0	0
0.265934	0	0	0	0	0	0
0.093969	0	0	0	0	0	0
0.108156	0	0	0	0	0	0
0.523019	0.04	0	0	0	0	0
0.308726	0	0	0	0	0	0
0.156286	0	0	0	0	0	0
0.195995	0	0	0	0	0	0
0.066408	0	0	0	0	0	0
0.027335	0	0	0	0	0	0
0.04543	0	0	0	0	0	0
0.034916	0	0	0	0	0	0
0.050412	0	0	0	0	0	0
0.082369	0	0	0	0	0	0
0.05961	0	0	0	0	0	0
0.054799	0	0	0	0	0	0
0.056257	0	0	0	0	0	0
0.048683	0	0	0	0	0	0
0.05125	0	0	0	0	0	0
0.046917	0	0	0	0	0	0
0.036781	0	0	0	0	0	0
0.029458	0	0	0	0	0	0
0.025331	0	0	0	0	0	0
0.037537	0	0	0	0	0	0
0.021173	0	0	0	0	0	0
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0.068376	0	0	0	0	0	0
0.062567	0	0	0	0	0	0
0.06882	0	0	0	0	0	0
0.075313	0	0	0	0	0	0
0.01879	0	0	4	0	0	4
0.019637	0	0	0	0	0	0
0.016371	0	0	0	0	0	0
0.023876	0	0	0	0	0	0
0.035432	0	0	0	0	0	0
0.08475	0	0	0	0	0	0
0.027039	0	0	0	0	0	0
0.00809	0	0	0	0	0	0
0.000507	0	0	0	0	0	0

0.000781	0	0	0	0	0	0
0.006116	0	0	0	0	0	0
0.002644	0	0	0	0	0	0
0.002417	0	0	0	0	0	0
0.000889	0	0	0	0	0	0
0.001261	0	0	0	0	0	0
0.000632	0	0	0	0	0	0
0.000469	0	0	0	0	0	0
0.033241	0	0	0	0	0	0
0.036675	0	0	0	0	0	0
0.029463	0	0	0	0	0	0
0.033266	0	0	0	0	0	0
0.041819	0	0	0	0	0	0
0.044676	0	0	0	0	0	0
0.03885	0	0	0	0	0	0
0.692838	0.21	0	0	0	0	0
0.094619	0	0	0	0	0	0
0.079752	0	0	0	0	0	0
0.055699	0	0	0	0	0	0
0.071627	0	0	0	0	0	0
0.040344	0	0	0	0	0	0
0.052103	0	0	0	0	0	0
0.038371	0	0	0	0	0	0
0.022407	0	0	0	0	0	0
0.064141	0	0	0	0	0	0
0.023537	0	0	0	0	0	0
0.046489	0	0	0	0	0	0
0.028355	0	0	0	0	0	0
0.025219	0	0	0	0	0	0
0.024838	0	0	0	0	0	0
0.029125	0	0	0	0	0	0
0.023889	0	0	0	0	0	0
0.029999	0	0	0	0	0	0
0.020238	0	0	0	0	0	0
0.019978	0	0	0	0	0	0
0.013212	0	0	0	0	0	0
0.008147	0	0	0	0	0	0
0.011259	0	0	0	0	0	0
0.016919	0	0	0	0	0	0
0.019751	0	0	0	0	0	0
0.01017	0	0	0	0	0	0
0.008693	0	0	0	0	0	0
0.010489	0	0	0	0	0	0
0.009605	0	0	0	0	0	0
0.061945	0	0	0	0	0	0
0.055332	0	0	0	0	0	0
0.028249	0	0	0	0	0	0
0.021909	0	0	0	0	0	0
0.022237	0	0	0	0	0	0
0.022245	0	0	0	0	0	0

0.008539	0	0	0	0	0	0
0.011711	0	0	0	0	0	0
0.00725	0	0	0	0	0	0
0.010152	0	0	0	0	0	0
0.013222	0	0	0	0	0	0
0.219111	0.05	0	0	0	0	0
0.043831	0	0	0	0	0	0
0.017019	0	0	0	0	0	0
0.020531	0	0	0	0	0	0
0.021234	0	0	0	0	0	0
0.072661	0	0	0	0	0	0
0.028721	0	0	0	0	0	0
0.038553	0	0	0	0	0	0
0.021719	0	0	0	0	0	0
0.023984	0	0	0	0	0	0
0.023474	0	0	0	0	0	0
0.036835	0	0	0	0	0	0
0.023769	0	0	0	0	0	0
0.046921	0	0	0	0	0	0
0.042193	0	0	0	0	0	0
0.14295	0	0	0	0	0	0
0.047008	0	0	0	0	0	0
0.056895	0	0	0	0	0	0
0.017193	0	0	0	0	0	0
0.062668	0	0	0	0	0	0
0.044357	0	0	0	0	0	0
0.244675	0	0	0	0	0	0
0.161792	0	0	0	0	0	0
0.028598	0	0	0	0	0	0
0.045233	0	0	0	0	0	0
0.022174	0	0	0	0	0	0
0.074282	0	0	0	0	0	0
0.088225	0	0	0	0	0	0
0.104872	0	0	0	0	0	0
0.091882	0	0	0	0	0	0
0.100809	0	0	0	0	0	0
0.029726	0	0	0	0	0	0
0.009131	0	0	0	0	0	0
0.007138	0	0	0	0	0	0
0.010185	0	0	0	0	0	0
0.006351	0	0	0	0	0	0
0.015143	0	0	0	0	0	0
0.011344	0	0	0	0	0	0
0.0117	0	0	0	0	0	0
0.005712	0	0	0	0	0	0
0.051061	0	0	0	0	0	0
0.009459	0	0	0	0	0	0
0.007329	0	0	0	0	0	0
0.071226	0	0	0	0	0	0
0.004702	0	0	0	0	0	0

0.014946	0	0	0	0	0	0
0.000678	0	0	0	0	0	0
0.004327	0	0	0	0	0	0
0.019125	0	0	0	0	0	0
0.001933	0	0	0	0	0	0
0.006715	0	0	0	0	0	0
0.002032	0	0	0	0	0	0
0.003112	0	0	0	0	0	0
0.003779	0	0	0	0	0	0
0.011066	0	0	0	0	0	0
0.051368	0	0	0	0	0	0
0.080527	0	0	0	0	0	0
0.004409	0	0	0	0	0	0
0.007313	0	0	0	0	0	0
0.006316	0	0	0	0	0	0
0.01515	0	0	0	0	0	0
0.009503	0	0	0	0	0	0
0.008512	0	0	0	0	0	0
0.013698	0	0	0	0	0	0
0.008347	0	0	0	0	0	0
0.214571	0	0	0	0	0	0
0.005518	0	0	0	0	0	0
0.014309	0	0	0	0	0	0
0.010491	0	0	0	0	0	0
0.019234	0	0	0	0	0	0
0.038626	0	0	0	0	0	0
0.077903	0	0	0	0	0	0
0.086185	0	0	0	0	0	0
0.217146	0	0	0	0	0	0
0.025427	0	0	0	0	0	0
0.0505	0	0	0	0	0	0
0.068199	0	0	0	0	0	0
0.135574	0	0	0	0	0	0
0.053737	0	0	0	0	3	3
0.04323	0	3	0	0	0	3
0.150835	0.01	0	0	0	0	0
0.043162	0	0	0	0	0	0
0.030039	0	0	0	0	0	0
0.078542	0	0	0	0	0	0
0.132113	0	0	0	0	0	0
0.01726	0	0	0	0	0	0
0.031483	0	0	0	0	0	0
0.037129	0	0	0	0	0	0
0.054479	0	0	0	0	0	0
0.041105	0	0	0	0	0	0
0.055497	0	0	0	0	0	0
0.046288	0	0	0	0	0	0
0.366991	0	0	0	0	0	0
0.009396	0	0	0	0	0	0
0.061997	0	0	0	0	0	0

0.055527	0	0	0	0	0	0
0.073336	0	0	0	0	0	0
0.02556	0	0	0	0	0	0
0.038375	0	0	0	0	0	0
0.082398	0	0	0	0	0	0
0.305103	0.15	0	0	0	0	0
0.047418	0	0	0	0	0	0
0.061096	0	0	0	0	0	0
0.005385	0	0	0	0	0	0
0.083021	0	0	0	0	0	0
0.065263	0	0	0	0	0	0
0.03807	0	0	0	0	0	0
0.020323	0	0	0	0	0	0
0.008422	0	0	0	0	0	0
0.00962	0	0	0	0	0	0
0.003055	0	0	0	0	0	0
0.001971	0	0	0	0	0	0
0.003176	0	0	0	0	0	0
0.002201	0	0	0	0	0	0
0.341747	0.13	0	0	0	0	0
0.082073	0	0	0	0	0	0
0.007809	0	0	0	0	0	0
0.010616	0	0	0	0	0	0
0.013702	0	0	0	0	0	0
0.008667	0	0	0	0	0	0
0.006673	0	0	0	0	0	0
0.025448	0	0	0	0	0	0
0.004852	0	0	0	0	0	0
0.00659	0	0	0	0	0	0
0.009745	0	0	0	0	0	0
0.004414	0	0	0	0	0	0
0.018072	0	0	0	0	0	0
0.002834	0	0	0	0	0	0
0.006818	0	0	0	0	0	0
0.022356	0	0	0	0	0	0
0.014369	0	0	0	0	0	0
0.006001	0	0	0	0	0	0
0.013228	0	0	0	0	0	0
0.007381	0	0	0	0	0	0
0.036972	0	0	0	0	0	0
0.023418	0	0	0	0	0	0
0.013555	0	0	0	0	0	0
0.019885	0	0	0	0	0	0
0.037554	0	0	0	0	0	0
0.018467	0	0	0	0	0	0
0.012637	0	0	0	0	0	0
0.090768	0	0	0	0	0	0
0.978039	0	0	0	0	0	0
0.002169	0	0	0	0	0	0
0.04999	0.01	0	0	0	0	0



0.004462	0	0	0	0	0	0
0.013295	0	0	0	0	0	0
0.002372	0	0	0	0	0	0
0.080897	0	0	0	0	0	0
0.082167	0	0	0	0	0	0
0.150461	0	0	0	0	0	0
0.06508	0	0	0	0	0	0
0.050885	0	0	0	0	0	0
0.03376	0	0	0	0	0	0
0.068334	0	0	0	0	0	0
0.049703	0	0	0	0	0	0
0.057928	0	0	0	0	0	0
0.036015	0	0	0	0	0	0
0.056202	0	0	0	0	0	0
0.047233	0	0	0	0	0	0
0.178674	0	0	0	0	0	0
0.161767	0	0	0	0	0	0
0.053797	0	0	0	0	0	0
0.06918	0	0	0	0	0	0
0.141994	0	0	0	0	0	0
0.210975	0	0	0	0	0	0
0.063386	0	0	0	0	0	0
0.095975	0	0	0	0	0	0
0.120744	0	0	0	0	0	0
0.083335	0	0	0	0	0	0
0.031445	0	0	0	0	0	0
0.101488	0	0	0	0	0	0
0.10946	0	0	0	0	0	0
0.07162	0	0	0	0	0	0
0.125512	0	0	0	0	0	0
0.051893	0	0	0	0	0	0
0.984487	0	0	0	0	0	0
0.981375	0	0	0	0	0	0
0.958395	0	0	0	0	0	0
0.023179	0	0	0	0	0	0
0.023199	0	0	0	0	0	0
0.070427	0	0	0	0	0	0
0.060852	0	0	0	0	0	0
0.087202	0	0	0	0	0	0
0.067617	0	0	0	0	0	0
0.049357	0	0	0	0	0	0
0.054403	0	0	0	0	0	0
0.043452	0	0	0	0	0	0
0.04727	0	0	0	0	0	0
0.051182	0	0	0	0	0	0
0.083733	0	0	0	0	0	0
0.166396	0	0	6	0	0	6
0.023622	0	0	0	0	0	0
0.05326	0.02	0	0	0	0	0
0.023682	0.06	0	0	0	0	0

0.048916	0	0	0	0	0	0
0.268538	0	0	0	0	0	0
0.062294	0	0	0	0	0	0
0.018094	0	0	0	0	0	0
0.054538	0	0	0	0	0	0
0.047784	0	0	0	0	0	0
0.049493	0	0	0	0	0	0
0.05568	0	0	0	0	0	0
0.033147	0	0	0	0	0	0
0.070058	0	0	0	0	0	0
0.022112	0	0	0	0	0	0
0.011462	0	0	0	0	0	0
0.008578	0	0	0	0	0	0
0.950427	0	0	0	0	0	0
0.020805	0	0	0	0	0	0
0.012177	0	0	0	0	0	0
0.005256	0	0	0	0	0	0
0.000679	0	0	13	0	0	13
0.005558	0.03	0	14	34	16	64
0.349444	0	0	0	0	0	0
0.144912	0.05	0	0	0	0	0
0.09503	0	0	0	0	0	0
0.155331	0.19	0	0	0	0	0
0.643965	0.09	0	0	0	0	0
0.014724	0	0	0	0	0	0
0.007066	0	0	0	0	0	0
0.006305	0	0	0	0	5	5
0.017994	0	5	0	0	0	5
0.080982	0	0	0	0	0	0
0.009842	0	0	0	0	0	0
0.041346	0	0	0	0	0	0
0.038255	0	0	0	0	0	0
0.04213	0	0	0	0	0	0
0.041776	0	0	0	0	0	0
0.037753	0	0	0	0	0	0
0.007939	0	0	0	0	0	0
0.011564	0	0	0	0	0	0
0.02926	0	0	0	0	0	0
0.007557	0	0	0	0	0	0
0.008333	0	0	0	0	0	0
0.008913	0	0	0	0	0	0
0.017673	0	0	0	0	0	0
0.009382	0	0	0	0	0	0
0.005744	0	0	0	0	0	0
0.007728	0	0	0	0	0	0
0.009895	0	0	0	0	0	0
0.009874	0	0	0	0	0	0
0.006166	0	0	0	0	0	0
0.004851	0	0	0	0	0	0
0.003863	0	0	0	0	0	0

0.005283	0	0	0	0	0	0
0.004509	0	0	0	0	0	0
0.005974	0	0	0	0	0	0
0.004018	0	0	0	0	0	0
0.016607	0	0	0	0	0	0
0.074324	0	0	0	0	0	0
0.006703	0	0	0	0	0	0
0.031345	0	0	0	0	0	0
0.007036	0	0	0	0	0	0
0.005424	0	0	0	0	0	0
0.006612	0	0	0	0	0	0
0.00495	0	0	0	0	0	0
0.005776	0	0	0	0	0	0
0.084794	0	0	0	0	0	0
0.008686	0	0	0	0	0	0
0.007057	0	0	0	0	0	0
0.053803	0	0	0	0	0	0
0.112509	0	0	0	0	0	0
0.028871	0	0	0	0	0	0
0.185413	0	0	0	0	0	0
0.043948	0	0	0	0	0	0
0.061378	0	0	0	0	0	0
0.072887	0	0	0	0	0	0
0.047097	0	0	0	0	0	0
0.160557	0	0	0	0	0	0
0.285818	0	0	0	0	0	0
0.061885	0	0	0	0	0	0
0.042622	0	0	0	0	0	0
0.055185	0	0	0	0	0	0
0.020303	0	0	0	0	0	0
0.615369	0	0	0	0	0	0
0.027996	0	0	0	0	0	0
0.027763	0	0	0	0	0	0
0.053436	0	0	0	0	0	0
0.180844	0	0	0	0	0	0
0.107942	0	0	0	0	0	0
0.208384	0	0	0	0	0	0
0.042689	0	0	0	0	0	0
0.056416	0	0	0	0	0	0
0.033853	0	0	0	0	0	0
0.024417	0	0	0	0	0	0
0.049641	0	0	0	0	0	0
0.062375	0	0	0	0	0	0
0.054494	0	0	0	0	0	0
0.033722	0	0	0	0	0	0
0.02188	0	0	0	0	0	0
0.844112	0.22	0	0	0	0	0
0.004787	0	0	0	0	0	0
0.000712	0	0	0	0	0	0
0.003192	0	0	0	0	1	1

0.007195	0	1	0	0	0	1
0.004331	0	0	0	0	0	0
0.009057	0	0	0	0	2	2
0.000734	0	2	0	4	0	6
0.003995	0	0	5	0	0	5
0.01191	0	0	0	0	0	0
0.000905	0	0	0	0	0	0
0.00998	0	0	0	0	0	0
0.004381	0	0	21	0	0	21
0.014296	0	0	0	0	0	0
0.002487	0	0	0	0	0	0
0.01105	0	0	0	0	0	0
0.004303	0	0	0	0	0	0
0.003694	0	0	0	0	0	0
0.003859	0	0	0	0	0	0
0.002111	0	0	0	0	0	0
0.004736	0	0	0	0	0	0
0.009401	0	0	0	0	0	0
0.00422	0	0	0	0	0	0
0.025451	0	0	0	0	0	0
0.013908	0	0	0	0	0	0
0.010296	0	0	0	0	0	0
0.004844	0	0	0	0	0	0
0.00408	0	0	0	0	0	0
0.004901	0	0	0	0	0	0
0.01016	0	0	0	0	0	0
0.007819	0	0	0	0	0	0
0.005361	0	0	0	0	0	0
0.00325	0	0	0	0	0	0
0.04008	0	0	0	0	0	0
0.111921	0	0	0	0	0	0
0.022422	0	0	0	0	0	0
0.05426	0	0	0	0	0	0
0.241758	0	0	0	0	0	0
0.030081	0	0	0	0	0	0
0.019399	0	0	0	0	0	0
0.040324	0	0	0	0	0	0
0.086008	0	0	0	0	0	0
0.003595	0	0	0	0	0	0
0.001873	0	0	0	0	0	0
0.003395	0	0	0	0	0	0
0.116072	0	0	0	0	0	0
0.051824	0	0	0	0	0	0
0.109702	0	0	0	0	0	0
0.042922	0.01	0	0	0	0	0
0.001576	0	0	0	0	0	0
0.000588	0	0	0	0	0	0
0.001146	0	0	0	0	0	0
0.946706	0	0	0	0	0	0
0.363831	0	0	0	0	0	0

0.34353	0	0	0	0	0	0
0.638516	0.14	0	0	0	0	0
0.733478	0.08	0	0	0	0	0
0.579402	0.17	0	0	0	0	0
0.432699	0.06	0	0	0	0	0
0.454473	0	0	0	0	0	0
0.190051	0	0	0	0	0	0
0.024873	0	0	0	0	0	0
0.02743	0	0	0	0	0	0
0.017224	0	0	0	0	0	0
0.017496	0	0	0	0	0	0
0.008818	0	0	0	0	0	0
0.012546	0	0	0	0	0	0
0.008913	0	0	0	0	0	0
0.021071	0	0	0	0	0	0
0.013506	0	0	0	0	0	0
0.029268	0	0	0	0	0	0
0.015269	0	0	0	0	0	0
0.015444	0	0	0	0	0	0
0.021499	0	0	0	0	0	0
0.013392	0	0	0	0	0	0
0.017796	0	0	0	0	0	0
0.019991	0	0	0	0	0	0
0.014694	0	0	0	0	0	0
0.01434	0	0	0	0	0	0
0.010494	0	0	0	0	0	0
0.009833	0	0	0	0	0	0
0.082685	0	0	0	0	0	0
0.049792	0	0	0	0	0	0
0.035372	0	0	0	0	0	0
0.040567	0	0	0	0	0	0
0.060653	0	0	0	0	0	0
0.005172	0	0	0	0	0	0
0.012846	0	0	0	0	0	0
0.011406	0	0	0	0	0	0
0.047184	0	0	0	0	0	0
0.011083	0	0	0	0	0	0
0.007771	0	0	0	0	0	0
0.00606	0	0	0	0	0	0
0.00448	0	0	0	0	0	0
0.00209	0	0	0	0	0	0
0.006718	0	0	0	0	0	0
0.003321	0	0	0	0	0	0
0.002862	0	0	0	0	0	0
0.009112	0	0	0	0	0	0
0.023159	0	0	0	0	0	0
0.001518	0	0	0	0	0	0
0.001889	0	0	0	0	0	0
0.007697	0	0	0	0	0	0
0.147333	0	0	0	0	0	0

0.036655	0	0	0	0	0	0
0.023782	0	0	0	0	0	0
0.016588	0	0	0	0	0	0
0.016231	0	0	0	0	0	0
0.012394	0	0	0	0	0	0
0.051023	0	0	0	0	0	0
0.035391	0	0	0	0	0	0
0.022265	0	0	0	0	0	0
0.026218	0	0	0	0	0	0
0.044858	0	0	0	0	0	0
0.046241	0	0	0	0	0	0
0.024497	0	0	0	0	0	0
0.024547	0	0	0	0	0	0
0.056878	0	0	0	0	0	0
0.081242	0	0	0	0	0	0
0.034518	0	0	0	0	0	0
0.014769	0	0	0	0	0	0
0.015137	0	0	0	0	0	0
0.033549	0	0	0	0	0	0
0.070921	0	0	0	0	0	0
0.065329	0	0	0	0	0	0
0.162529	0	0	0	0	0	0
0.006585	0	0	0	0	0	0
0.007839	0	0	0	0	0	0
0.005232	0	0	0	0	0	0
0.006349	0	0	0	0	0	0
0.004572	0	0	0	0	0	0
0.002975	0	0	0	0	0	0
0.007099	0	0	0	0	0	0
0.029821	0	0	0	0	0	0
0.012266	0	0	0	0	0	0
0.005523	0	0	0	0	0	0
0.004407	0	0	0	0	0	0
0.015803	0	0	0	0	0	0
0.00481	0	0	0	0	0	0
0.00539	0	0	0	0	0	0
0.005714	0	0	0	0	0	0
0.019176	0	0	0	0	0	0
0.006861	0	0	0	0	0	0
0.011773	0	0	0	0	0	0
0.007494	0	0	0	0	0	0
0.004394	0	0	0	0	0	0
0.011089	0	0	0	0	0	0
0.06102	0	0	0	0	0	0
0.066412	0	0	0	0	0	0
0.06117	0	0	0	0	0	0
0.079676	0	0	0	0	0	0
0.04936	0	0	0	0	0	0
0.05922	0	0	0	0	0	0
0.042166	0	0	0	0	0	0

0.117915	0	0	0	0	0	0
0.034311	0	0	0	0	0	0
0.088209	0	0	0	0	0	0
0.142258	0	0	0	0	0	0
0.035181	0	0	0	0	0	0
0.026854	0	0	0	0	0	0
0.059055	0	0	0	0	0	0
0.064899	0	0	0	0	0	0
0.027822	0	0	0	0	0	0
0.04737	0	0	0	0	0	0
0.027445	0	0	0	0	0	0
0.025541	0	0	0	0	0	0
0.038559	0	0	0	0	0	0
0.078153	0	0	0	0	0	0
0.081154	0	0	0	0	0	0
0.042806	0	0	0	0	0	0
0.091077	0	0	0	0	0	0
0.237113	0	0	0	0	0	0
0.053064	0	0	0	0	0	0
0.09357	0	0	0	0	0	0
0.097343	0	0	0	0	0	0
0.073695	0	0	0	0	0	0
0.061622	0	0	0	0	0	0
0.028547	0	0	0	0	0	0
0.100721	0	0	0	0	0	0
0.037312	0	0	0	0	0	0
0.052072	0	0	0	0	0	0
0.085232	0	0	0	0	0	0
0.029433	0	0	0	0	0	0
0.02512	0	0	0	0	0	0
0.038833	0	0	0	0	0	0
0.052483	0	0	0	0	0	0
0.023808	0	0	0	0	0	0
0.025533	0	0	0	0	0	0
0.025481	0	0	0	0	0	0
0.07631	0	0	0	0	0	0
0.059325	0	0	0	0	0	0
0.02478	0	0	0	0	0	0
0.033394	0	0	0	0	0	0
0.030265	0	0	0	0	0	0
0.030758	0	0	0	0	0	0
0.024844	0	0	0	0	0	0
0.013961	0	0	0	0	0	0
0.012846	0	0	0	0	0	0
0.015864	0	0	0	0	0	0
0.020591	0	0	0	0	0	0
0.031517	0	0	0	0	0	0
0.051012	0	0	0	0	0	0
0.017515	0	0	0	0	0	0
0.038794	0	0	0	0	0	0

0.007527	0	0	0	0	0	0
0.007989	0	0	0	0	0	0
0.014683	0	0	0	0	0	0
0.011628	0	0	0	0	0	0
0.705996	0	0	0	0	0	0
0.067861	0	0	0	0	0	0
0.059595	0	0	0	0	0	0
0.039491	0	0	0	0	0	0
0.035014	0	0	0	0	0	0
0.048823	0	0	0	0	0	0
0.039585	0	0	0	0	0	0
0.0215	0	0	0	0	0	0
0.0202	0	0	0	0	0	0
0.032806	0	0	0	0	0	0
0.015959	0	0	0	0	0	0
0.06922	0	0	0	0	0	0
0.012205	0	0	0	0	0	0
0.021515	0	0	0	0	0	0
0.066338	0	0	0	0	0	0
0.036484	0	0	0	0	0	0
0.064907	0	0	0	0	0	0
0.027629	0	0	0	0	0	0
0.057121	0	0	0	0	0	0
0.013541	0	0	0	0	0	0
0.258771	0	0	0	0	0	0
0.030838	0	1	0	0	0	1
0.017781	0	0	0	0	0	0
0.0126	0	0	0	0	0	0
0.065036	0	0	0	0	0	0
0.007957	0	0	0	0	0	0
0.017835	0	0	0	0	0	0
0.039008	0	0	0	0	0	0
0.077211	0	0	0	0	0	0
0.026387	0	0	0	0	0	0
0.083154	0	0	0	0	0	0
0.012906	0	0	0	0	0	0
0.035808	0.07	0	0	0	0	0
0.047984	0	0	0	0	0	0
0.17172	0	0	0	0	0	0
0.057603	0	0	0	0	0	0
0.059952	0	0	0	0	0	0
0.055998	0	0	0	0	0	0
0.069425	0	0	0	0	0	0
0.053139	0	0	0	0	0	0
0.053918	0	0	0	0	0	0
0.044533	0	0	0	0	0	0
0.058067	0	0	0	0	0	0
0.059242	0	0	0	0	0	0
0.031952	0	0	0	0	0	0
0.0218	0	0	0	0	0	0



0.022428	0	0	0	0	0	0
0.104083	0	0	0	0	0	0
0.020122	0	0	0	0	0	0
0.014399	0	0	0	0	0	0
0.05742	0	0	0	0	0	0
0.073258	0	0	0	0	0	0
0.05975	0	0	0	0	0	0
0.036797	0	0	0	0	0	0
0.037184	0	0	0	0	0	0
0.028549	0	0	0	0	0	0
0.047411	0	0	0	0	0	0
0.045442	0	0	0	0	0	0
0.068186	0	0	0	0	0	0
0.137098	0	0	0	0	0	0
0.020627	0	0	0	0	0	0
0.032647	0	0	0	0	0	0
0.043211	0	0	0	0	0	0
0.032698	0	0	0	0	0	0
0.013027	0	0	0	0	0	0
0.057355	0	0	0	0	0	0
0.052267	0	0	0	0	0	0
0.023225	0	0	0	0	0	0
0.034395	0	0	0	0	0	0
0.033241	0	0	0	0	0	0
0.059939	0	0	0	0	0	0
0.006704	0	0	0	0	0	0
0.008381	0	0	0	0	0	0
0.027373	0	0	0	0	0	0
0.022208	0	0	0	0	0	0
0.076421	0	0	0	0	0	0
0.046944	0	0	0	0	0	0
0.301052	0.1	0	0	0	0	0
0.278867	0.08	0	0	0	0	0
0.255818	0	0	0	0	0	0
0.282804	0	0	0	0	0	0
0.163567	0.03	0	0	0	0	0
0.055444	0	0	0	0	0	0
0.060649	0	0	0	0	0	0
0.065101	0	0	0	0	0	0
0.04428	0	0	0	0	0	0
0.029764	0	0	0	0	0	0
0.04677	0	0	0	0	0	0
0.042764	0	0	0	0	0	0
0.081881	0	0	0	0	0	0
0.038462	0	0	0	0	0	0
0.043579	0	0	0	0	0	0
0.048871	0	0	0	0	0	0
0.044208	0	0	0	0	0	0
0.041571	0	0	0	0	0	0
0.039142	0	0	0	0	0	0

0.037313	0	0	0	0	0	0
0.030231	0	0	0	0	0	0
0.020726	0	0	0	0	0	0
0.020994	0	0	0	0	0	0
0.026278	0	0	0	0	0	0
0.027265	0	0	0	0	0	0
0.041004	0	0	0	0	0	0
0.051285	0	0	0	0	0	0
0.012538	0	0	0	0	0	0
0.019481	0	0	0	0	0	0
0.025567	0	0	0	0	0	0
0.057528	0	0	0	0	0	0
0.040266	0	0	0	0	0	0
0.062358	0	0	0	0	0	0
0.061374	0	0	0	0	0	0
0.063485	0	0	0	0	0	0
0.059508	0	0	0	0	0	0
0.03978	0	0	0	0	0	0
0.092684	0	0	0	0	0	0
0.018922	0	0	0	0	0	0
0.02501	0	0	0	0	0	0
0.046284	0	0	0	0	0	0
0.057616	0	0	0	0	0	0
0.476935	0	0	0	0	0	0
0.054448	0	0	0	0	0	0
0.088928	0	0	0	0	0	0
0.038885	0	0	0	0	0	0
0.039837	0	0	0	0	0	0
0.060223	0	0	0	0	0	0
0.024724	0	0	0	0	0	0
0.034505	0	0	0	0	0	0
0.263027	0	0	0	0	0	0
0.023594	0	0	0	0	0	0
0.040734	0	0	0	0	0	0
0.257588	0	0	0	0	0	0
0.13859	0	0	0	0	0	0
0.060534	0	0	0	0	0	0
0.072209	0	0	0	0	0	0
0.048375	0	0	0	0	0	0
0.039498	0	0	0	0	0	0
0.04433	0	0	0	0	0	0
0.044448	0	0	0	0	0	0
0.06515	0	0	0	0	0	0
0.075965	0	0	0	0	0	0
0.058501	0	0	0	0	0	0
0.089421	0	0	0	0	0	0
0.004886	0	0	0	0	0	0
0.011143	0	0	0	0	0	0
0.003073	0	0	0	0	0	0
0.002815	0	0	0	0	0	0

0.039692	0	0	0	0	0	0
0.008611	0	0	0	0	0	0
0.006221	0	0	0	0	0	0
0.007821	0	0	0	0	0	0
0.007669	0	0	0	0	0	0
0.006289	0	0	0	0	0	0
0.007023	0	0	0	0	0	0
0.021655	0	0	0	0	0	0
0.112073	0	0	0	0	0	0
0.061367	0	0	0	0	0	0
0.050652	0	0	0	0	0	0
0.249423	0	0	0	0	0	0
0.03041	0	0	0	0	0	0
0.016205	0	0	0	0	0	0
0.396902	0	0	0	0	0	0
0.100951	0	0	0	0	0	0
0.028039	0	0	0	0	0	0
0.0088	0	0	0	0	0	0
0.019005	0	0	0	0	0	0
0.049151	0	0	0	0	0	0
0.029293	0	0	0	0	0	0
0.006971	0	0	0	0	0	0
0.038655	0	0	0	0	0	0
0.025697	0	0	0	0	0	0
0.036307	0	0	0	0	1	1
0.023544	0	1	0	0	0	1
0.028033	0	0	0	0	0	0
0.027419	0	0	0	0	0	0
0.052364	0	0	0	0	0	0
0.025244	0	0	0	0	0	0
0.029759	0	0	0	0	0	0
0.030767	0	0	0	0	0	0
0.034679	0	0	0	0	0	0
0.027201	0	0	0	0	0	0
0.020579	0	0	0	0	0	0
0.032901	0	0	0	0	0	0
0.019705	0	0	0	0	0	0
0.014158	0	0	0	0	0	0
0.019411	0	0	0	0	0	0
0.030861	0	0	0	0	0	0
0.030757	0	0	0	0	0	0
0.01607	0	0	0	0	0	0
0.016176	0	0	0	0	0	0
0.027345	0	0	0	0	10	10
0.018108	0	0	0	0	0	0
0.014998	0	0	0	0	0	0
0.135578	0	0	0	0	0	0
0.012836	0	0	0	0	0	0
0.032983	0	0	0	0	0	0
0.033333	0	0	0	0	0	0

0.072508	0	0	0	1	0	1
0.033587	0	0	0	0	0	0
0.103951	0	0	0	0	0	0
0.004566	0	0	0	0	0	0
0.03044	0	0	0	6	3	9
0.013566	0	3	0	0	0	3
0.006131	0	0	0	0	0	0
0.013153	0	0	0	0	0	0
0.016257	0	0	0	0	0	0
0.93434	0	0	0	0	8	8
0.082806	0	0	0	0	0	0
0.058495	0	0	0	0	0	0
0.03886	0	0	0	0	0	0
0.047252	0	0	0	0	0	0
0.029758	0	0	0	0	0	0
0.021087	0	0	0	0	0	0
0.028625	0	0	0	0	0	0
0.044916	0	0	0	0	0	0
0.044128	0	0	0	0	0	0
0.053223	0	0	0	0	0	0
0.046595	0	0	0	0	0	0
0.012947	0	0	0	0	0	0
0.012699	0	0	0	0	0	0
0.015952	0	0	0	0	0	0
0.044813	0	0	0	0	0	0
0.026367	0	0	0	0	0	0
0.013284	0	0	0	0	0	0
0.129465	0	0	0	0	0	0
0.063625	0	0	0	0	0	0
0.054401	0	0	0	0	0	0
0.063252	0	0	0	0	0	0
0.165152	0	0	0	0	0	0
0.03711	0	0	0	0	0	0
0.042158	0	0	0	0	0	0
0.068865	0	0	0	0	0	0
0.077585	0	0	0	0	0	0
0.028486	0	0	0	0	0	0
0.062323	0	0	0	0	0	0
0.024706	0	0	0	0	0	0
0.028755	0	0	0	0	0	0
0.035822	0	0	0	0	0	0
0.537317	0	0	0	0	0	0
0.026865	0	0	0	0	0	0
0.018599	0	0	0	0	0	0
0.028258	0	0	0	0	0	0
0.021548	0	0	0	0	0	0
0.024499	0	0	0	0	0	0
0.03194	0	0	0	0	0	0
0.056324	0	0	0	0	0	0
0.109417	0	0	0	0	0	0

0.064568	0.18	0	72	16	0	88
0.042754	0	0	0	0	0	0
0.047615	0	0	0	0	0	0
0.028012	0	0	0	0	0	0
0.028812	0	0	0	0	8	8
0.055197	0	8	0	0	0	8
0.025792	0	0	0	0	0	0
0.028745	0	0	0	0	0	0
0.022336	0	0	0	0	0	0
0.017252	0	0	0	0	0	0
0.031991	0	0	0	0	0	0
0.015377	0	0	0	0	0	0
0.050225	0	0	0	6	0	6
0.030962	0	0	0	0	0	0
0.051772	0	0	0	0	0	0
0.061653	0	0	0	0	0	0
0.030346	0	14	0	5	9	28
0.117277	0.2	9	0	16	0	25
0.114656	0	0	7	2	0	9
0.024115	0	0	0	0	0	0
0.005888	0	0	0	0	0	0
0.003194	0	0	0	0	0	0
0.000549	0	0	0	0	0	0
0.004862	0	0	0	0	0	0
0.006565	0	0	0	0	0	0
0.00519	0	0	0	0	0	0
0.008336	0	0	0	0	0	0
0.009765	0	0	0	0	0	0
0.005023	0	0	0	0	0	0
0.005344	0	0	0	0	0	0
0.007843	0	0	0	0	0	0
0.011763	0	0	0	0	0	0
0.002715	0	0	0	0	0	0
0.002317	0	0	0	0	0	0
0.004168	0	0	0	0	0	0
0.004659	0	0	0	0	0	0
0.003394	0	0	0	0	0	0
0.0046	0	0	0	0	0	0
0.071716	0	0	0	0	0	0
0.072553	0	0	0	0	0	0
0.018271	0	0	0	0	0	0
0.39166	0	0	0	0	0	0
0.090698	0	0	0	0	0	0
0.130158	0	0	0	0	0	0
0.041941	0	0	0	0	0	0
0.049786	0	0	0	0	0	0
0.02586	0	0	0	0	0	0
0.059158	0	0	0	0	0	0
0.131729	0	0	0	0	0	0
0.222637	0	0	0	0	0	0

0.470637	0	0	0	0	0	0
0.023433	0	0	0	0	0	0
0.56034	0	0	0	0	0	0
0.089902	0	0	0	0	0	0
0.053188	0	0	0	0	0	0
0.107504	0	0	0	0	0	0
0.117536	0	0	0	0	0	0
0.052394	0	0	0	0	0	0
0.079946	0	0	0	0	0	0
0.797528	0	0	0	0	0	0
0.035932	0	0	0	0	0	0
0.068633	0	0	0	0	0	0
0.066798	0	0	0	0	0	0
0.052284	0	0	0	0	0	0
0.060468	0	0	0	0	0	0
0.049692	0	0	0	0	0	0
0.06399	0	0	0	0	0	0
0.043047	0	0	0	0	0	0
0.219292	0	0	0	0	0	0
0.089086	0	0	0	0	0	0
0.160652	0	0	0	0	0	0
0.032696	0	0	0	0	0	0
0.106799	0.03	0	0	0	0	0
0.026868	0	0	0	0	0	0
0.092216	0	0	0	0	0	0
0.023636	0	0	0	0	0	0
0.021375	0	0	0	0	0	0
0.037741	0	0	0	0	0	0
0.039957	0	0	0	0	0	0
0.046782	0	0	0	0	0	0
0.084444	0	0	0	0	0	0
0.083608	0	0	0	0	0	0
0.111213	0	0	0	0	0	0
0.041263	0	0	0	0	0	0
0.028683	0	0	0	0	0	0
0.021999	0	0	0	0	0	0
0.920993	0	0	0	0	0	0
0.079997	0	0	0	0	0	0
0.079306	0	0	0	0	0	0
0.07252	0	0	0	0	0	0
0.142513	0	0	0	0	0	0
0.043772	0	0	0	0	0	0
0.148304	0	0	0	0	0	0
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0.046394	0	0	0	0	0	0
0.055925	0	0	0	0	0	0
0.035136	0	0	0	0	0	0
0.025025	0	0	0	0	0	0
0.042339	0	0	0	0	0	0
0.077264	0	0	0	0	0	0

0.023471	0	0	0	0	0	0
0.015708	0	0	0	0	0	0
0.052953	0	0	0	0	0	0
0.191986	0.02	0	0	0	0	0
0.425763	0	0	0	0	0	0
0.023385	0	0	0	0	0	0
0.082418	0	0	0	0	0	0
0.064166	0	0	0	0	0	0
0.047703	0	0	0	0	0	0
0.041556	0	0	0	0	0	0
0.05508	0	0	0	0	0	0
0.029257	0	0	0	0	0	0
0.02496	0	0	0	0	0	0
0.038828	0	0	0	0	0	0
0.022001	0	0	0	0	0	0
0.029512	0	0	0	0	0	0
0.072765	0	0	0	0	0	0
0.047503	0	0	5	0	0	5
0.033399	0	0	0	0	0	0
0.038968	0	0	0	0	0	0
0.031793	0	0	0	0	0	0
0.031651	0	0	0	0	0	0
0.046011	0	0	0	0	0	0
0.033819	0	0	0	0	0	0
0.005476	0	0	0	0	0	0
0.065821	0	0	0	0	0	0
0.071193	0	0	0	0	0	0
0.056227	0	0	0	0	0	0
0.059492	0	0	0	0	0	0
0.059818	0	0	0	0	0	0
0.015518	0	0	0	0	0	0
0.017458	0	0	0	0	0	0
0.026379	0	0	0	0	0	0
0.090983	0	0	0	0	0	0
0.087307	0	0	0	0	0	0
0.039229	0	0	0	0	0	0
0.004849	0	0	0	0	0	0
0.028281	0	0	0	0	0	0
0.060752	0	0	0	0	0	0
0.051939	0	0	0	0	0	0
0.047276	0	0	0	0	0	0
0.085069	0	0	0	0	0	0
0.04896	0.08	0	0	0	0	0
0.053854	0	0	0	0	0	0
0.049896	0	0	0	0	0	0
0.862111	0	0	0	0	0	0
0.063776	0.27	0	0	0	0	0
0.692483	0.03	0	0	0	0	0
0.117188	0.16	0	0	0	0	0
0.071958	0	0	0	0	0	0

0.023688	0.01	0	0	0	0	0
0.008078	0	0	0	0	0	0
0.025353	0.02	0	0	0	0	0
0.037015	0	0	0	0	0	0
0.015941	0	0	0	0	0	0
0.012448	0	0	0	0	0	0
0.0179	0	0	0	0	0	0
0.03822	0	0	0	0	0	0
0.057771	0	0	0	0	0	0
0.057486	0	0	0	0	0	0
0.056627	0	0	0	0	0	0
0.004662	0	0	0	0	0	0
0.001603	0	0	0	0	0	0
0.006725	0	0	0	0	0	0
0.002333	0	0	0	0	0	0
0.001213	0	0	0	0	0	0
0.003541	0	0	0	0	0	0
0.036621	0	0	0	0	0	0
0.007178	0	0	0	0	0	0
0.004198	0	0	0	0	0	0
0.007413	0.01	0	0	0	0	0
0.005179	0	0	0	0	0	0
0.006057	0	0	0	0	0	0
0.03058	0.03	0	0	0	0	0
0.04412	0	0	0	0	0	0
0.02574	0	0	0	0	0	0
0.01169	0	0	0	0	0	0
0.256429	0	0	0	0	0	0
0.108529	0.01	0	0	0	0	0
0.172642	0.03	0	0	0	0	0
0.310772	0	0	0	0	0	0
0.009322	0	0	0	0	0	0
0.013882	0	0	0	0	0	0
0.00717	0	0	0	0	0	0
0.007286	0	0	0	0	0	0
0.003964	0	0	0	0	0	0
0.142119	0.05	0	0	0	0	0
0.00576	0	0	0	0	0	0
0.003061	0	0	0	0	0	0
0.004994	0	0	0	0	0	0
0.020983	0	0	0	0	0	0
0.010852	0	0	0	0	0	0
0.010736	0	0	0	0	0	0
0.005009	0	0	0	0	0	0
0.017755	0	0	0	0	0	0
0.017848	0	0	0	0	0	0
0.010652	0	0	0	0	0	0
0.006147	0	0	0	0	0	0
0.013563	0	0	0	0	0	0
0.004074	0	0	0	0	0	0



0.005105	0	0	0	0	0	0
0.007125	0	0	0	0	0	0
0.00542	0	0	0	0	0	0
0.01861	0	0	0	0	0	0
0.005941	0	0	0	0	0	0
0.023298	0	0	0	0	0	0
0.022283	0	0	0	0	0	0
0.031467	0	0	0	0	0	0
0.012637	0	0	5	5	0	10
0.008956	0	0	0	0	7	7
0.018212	0	7	0	0	0	7
0.004985	0	0	0	0	0	0
0.013653	0	0	0	0	0	0
0.017813	0	0	0	0	0	0
0.014545	0	0	0	0	0	0
0.032166	0.01	0	0	0	0	0
0.02602	0	0	0	0	0	0
0.252787	0	0	0	0	0	0
0.245132	0	0	0	0	0	0
0.032171	0	0	0	0	0	0
0.020958	0	0	0	0	0	0
0.065245	0	0	0	0	0	0
0.128073	0	0	0	0	0	0
0.055826	0	0	0	0	0	0
0.073595	0	0	0	0	0	0
0.094821	0	0	0	0	0	0
0.342865	0	0	0	0	0	0
0.015735	0	0	0	0	0	0
0.042735	0	0	0	0	0	0
0.007051	0	1	0	0	0	1
0.008381	0	0	0	0	0	0
0.024625	0	0	0	0	0	0
0.019525	0	0	0	0	0	0
0.009268	0	0	0	0	0	0
0.007598	0	0	0	0	0	0
0.009919	0	0	0	0	0	0
0.033787	0	0	0	0	0	0
0.045878	0	0	0	0	0	0
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0.013026	0	0	0	0	0	0
0.031458	0	0	0	0	0	0
0.006627	0	0	0	0	0	0
0.009864	0	0	0	0	0	0
0.007296	0	0	0	0	0	0
0.040109	0	0	0	0	0	0
0.01582	0	0	0	0	0	0
0.01072	0	0	0	0	0	0
0.008416	0	0	0	0	0	0
0.082914	0	0	0	0	0	0
0.026344	0	0	0	0	0	0

0.029076	0	0	0	0	0	0
0.072629	0	0	0	0	0	0
0.286151	0	0	0	0	0	0
0.225667	0	0	0	0	0	0
0.045832	0	0	0	0	0	0
0.106161	0	0	0	0	0	0
0.066208	0	0	0	0	0	0
0.054003	0	0	0	0	0	0
0.018075	0	0	0	0	0	0
0.050416	0	0	0	0	0	0
0.032621	0	0	0	0	0	0
0.03346	0	0	0	0	0	0
0.037448	0	0	0	0	0	0
0.03718	0	0	0	0	0	0
0.040517	0	0	0	0	0	0
0.287628	0	0	0	0	0	0
0.056687	0	0	0	0	0	0
0.013762	0	0	0	0	0	0
0.008376	0	0	0	0	0	0
0.02392	0	0	0	0	0	0
0.005397	0	0	0	0	0	0
0.010672	0	0	0	0	0	0
0.024265	0	0	0	0	0	0
0.035703	0	0	0	0	0	0
0.022364	0	0	0	0	0	0
0.070036	0	0	0	0	0	0
0.013962	0	0	0	0	0	0
0.019913	0	0	0	0	0	0
0.009972	0	0	0	0	0	0
0.013132	0	0	0	0	0	0
0.045465	0	0	0	0	0	0
0.032436	0	0	0	0	0	0
0.01483	0	0	0	0	0	0
0.028954	0	0	0	0	0	0
0.005588	0	0	0	0	0	0
0.012078	0	0	0	0	0	0
0.0087	0	0	0	0	0	0
0.017397	0	0	0	0	0	0
0.014574	0	0	0	0	0	0
0.00459	0	0	0	0	0	0
0.006658	0	0	0	0	0	0
0.013366	0	0	0	0	0	0
0.00912	0	0	0	0	0	0
0.00954	0	0	0	0	0	0
0.009954	0	0	0	0	0	0
0.005124	0	0	0	0	0	0
0.00503	0	0	0	0	0	0
0.006425	0	0	0	0	0	0
0.004263	0	0	0	0	0	0
0.004712	0	0	0	0	0	0

0.004702	0	0	0	0	0	0
0.005795	0	0	0	0	0	0
0.007326	0	0	0	0	0	0
0.00843	0	0	0	0	0	0
0.008628	0	0	0	0	0	0
0.005076	0	0	0	0	0	0
0.008031	0	0	0	0	0	0
0.006081	0	0	0	0	0	0
0.008207	0	0	0	0	0	0
0.005104	0	0	0	0	0	0
0.01121	0	0	0	0	0	0
0.00444	0	0	0	0	0	0
0.002832	0	0	0	0	0	0
0.002787	0	0	0	0	0	0
0.023334	0	0	0	0	0	0
0.205812	0	0	0	0	0	0
0.152615	0.1	0	0	0	0	0
0.001522	0	0	0	0	0	0
0.006474	0.02	0	0	0	0	0
0.007118	0.01	0	0	0	0	0
0.037985	0	0	0	0	0	0
0.006478	0	0	0	0	0	0
0.034189	0	0	0	0	0	0
0.006568	0	0	0	0	0	0
0.042312	0	0	0	0	0	0
0.004677	0	0	0	0	0	0
0.096455	0	0	0	0	0	0
0.069644	0	0	0	0	0	0
0.246027	0	0	0	0	0	0
0.208246	0	0	0	0	0	0
0.074381	0	0	0	0	0	0
0.040182	0	0	0	0	0	0
0.10624	0	0	0	0	0	0
0.029693	0	0	0	0	0	0
0.032633	0	0	0	0	0	0
0.294974	0.09	0	0	0	0	0
0.347825	0.09	0	0	0	0	0
0.198327	0	0	0	0	0	0
0.034258	0	0	0	0	0	0
0.046073	0	0	0	0	0	0
0.052975	0	0	0	0	0	0
0.056865	0	0	0	0	0	0
0.053388	0	0	0	0	0	0
0.05483	0	0	0	0	0	0
0.091934	0	0	0	0	0	0
0.056892	0	0	0	0	0	0
0.018008	0	0	0	0	0	0
0.019117	0	0	0	0	0	0
0.0722	0	0	0	0	0	0
0.021477	0	0	0	0	0	0

0.063083	0	0	0	0	0	0
0.05937	0	0	0	0	0	0
0.036762	0	0	0	0	0	0
0.038727	0	0	0	0	0	0
0.050055	0	0	0	0	0	0
0.036943	0	0	0	0	0	0
0.044863	0	0	0	0	0	0
0.055099	0	0	0	0	0	0
0.051478	0	0	0	0	0	0
0.06431	0	0	0	0	0	0
0.059907	0	0	0	0	0	0
0.050407	0	0	0	0	0	0
0.052342	0	0	0	0	0	0
0.046348	0	0	0	0	0	0
0.041056	0	0	0	0	0	0
0.100451	0	0	0	0	0	0
0.06164	0	0	0	0	0	0
0.068143	0	0	0	0	0	0
0.044057	0	0	0	0	0	0
0.049569	0	0	0	0	0	0
0.037368	0	0	0	0	0	0
0.047067	0	0	0	0	0	0
0.064174	0	0	0	0	0	0
0.023598	0	0	0	0	0	0
0.031801	0	0	0	0	0	0
0.025525	0	0	0	0	0	0
0.038349	0	0	0	0	0	0
0.040944	0	0	0	0	0	0
0.030237	0	0	0	0	0	0
0.040184	0	0	0	0	0	0
0.031739	0	0	0	0	0	0
0.039384	0	0	0	0	0	0
0.023153	0	0	0	0	0	0
0.058339	0	0	0	0	0	0
0.019622	0	0	0	0	0	0
0.01975	0	0	0	0	0	0
0.065259	0	0	0	0	0	0
0.046144	0	0	0	0	0	0
0.051686	0	0	0	0	0	0
0.078258	0	0	4	0	0	4
0.276712	0	0	0	0	0	0
0.061493	0	0	0	0	0	0
0.067287	0	0	0	0	0	0
0.051951	0	0	0	0	0	0
0.047896	0	0	0	0	0	0
0.036182	0	0	0	0	0	0
0.051105	0	0	0	0	0	0
0.038875	0	0	0	0	0	0
0.032279	0	0	0	0	0	0
0.025764	0	0	0	0	0	0

0.023782	0	0	0	0	0	0
0.050442	0	0	0	0	0	0
0.035234	0	0	0	0	0	0
0.021888	0	0	0	0	0	0
0.043071	0	0	0	0	0	0
0.077009	0	0	0	0	0	0
0.02498	0	0	0	0	0	0
0.04313	0	0	0	0	0	0
0.021435	0	0	0	0	0	0
0.014378	0	0	0	0	0	0
0.014232	0	0	0	0	0	0
0.062479	0	0	0	0	0	0
0.05266	0	0	0	0	0	0
0.02629	0	0	0	0	0	0
0.052253	0	0	0	0	0	0
0.062148	0	0	0	0	0	0
0.054507	0	0	0	0	0	0
0.060748	0	0	0	0	0	0
0.040924	0	0	0	0	0	0
0.052201	0	0	0	0	0	0
0.062783	0	0	0	0	0	0
0.062452	0	0	0	0	0	0
0.047543	0	0	0	0	0	0
0.060129	0	0	0	0	0	0
0.07707	0	0	0	0	0	0
0.147987	0	0	0	0	0	0
0.058108	0	0	0	0	0	0
0.05247	0	0	0	0	0	0
0.046096	0	0	0	0	0	0
0.052312	0	0	0	0	0	0
0.036497	0	0	0	0	0	0
0.042451	0	0	0	0	0	0
0.045136	0	0	0	0	0	0
0.035734	0	0	0	0	0	0
0.042404	0	0	0	0	0	0
0.03178	0	0	0	0	0	0
0.028064	0	0	0	0	0	0
0.059597	0	0	0	0	0	0
0.034384	0	0	0	0	0	0
0.043154	0	0	0	0	0	0
0.06011	0	0	0	0	0	0
0.054428	0	0	0	0	0	0
0.025181	0	0	0	0	0	0
0.068635	0	0	0	0	0	0
0.055496	0	0	0	0	0	0
0.038185	0	0	0	0	0	0
0.026312	0	0	0	0	0	0
0.028512	0	0	0	0	0	0
0.031713	0	0	0	0	0	0
0.03572	0	0	0	0	0	0

0.041047	0	0	0	0	0	0
0.039727	0	0	0	0	0	0
0.021046	0	0	0	0	0	0
0.04313	0	0	0	0	0	0
0.057236	0	0	0	0	0	0
0.06894	0	0	0	0	0	0
0.011434	0	0	0	0	0	0
0.00742	0	0	0	0	0	0
0.00769	0	0	0	0	0	0
0.006752	0	0	0	0	0	0
0.010205	0	0	0	0	0	0
0.005461	0	0	0	0	0	0
0.004441	0	0	0	0	0	0
0.004822	0	0	0	0	0	0
0.007362	0	0	0	0	0	0
0.005324	0	0	0	0	0	0
0.005528	0	0	0	0	0	0
0.014475	0	0	0	0	0	0
0.014263	0	0	0	0	0	0
0.005941	0	0	0	0	0	0
0.004921	0	0	0	0	0	0
0.005896	0	0	0	0	0	0
0.00667	0	0	0	0	0	0
0.024651	0	0	0	0	0	0
0.004132	0	0	0	0	0	0
0.008062	0	0	0	0	0	0
0.002465	0	0	0	0	0	0
0.013845	0	0	0	0	0	0
0.002568	0	0	0	0	0	0
0.002147	0	0	0	0	0	0
0.018304	0	0	0	0	0	0
0.013258	0	0	0	0	0	0
0.005381	0	0	0	0	0	0
0.005695	0	0	0	0	0	0
0.008591	0	0	0	0	0	0
0.005872	0	0	0	0	0	0
0.016733	0	0	0	0	0	0
0.007732	0	0	0	0	0	0
0.009281	0	0	0	0	0	0
0.006536	0	0	0	0	0	0
0.038142	0	0	0	0	0	0
0.042636	0	0	0	0	0	0
0.025958	0	0	0	0	0	0
0.038998	0	0	0	0	0	0
0.047148	0	0	0	0	0	0
0.026437	0	0	0	0	0	0
0.054965	0	0	0	0	0	0
0.027786	0	0	0	0	0	0
0.030304	0	0	0	0	0	0
0.0251	0	0	0	0	0	0

0.065696	0	0	0	0	0	0
0.049294	0	0	0	0	0	0
0.037768	0	0	0	0	0	0
0.075583	0	0	0	0	0	0
0.017879	0	0	0	0	0	0
0.021993	0	0	0	0	0	0
0.022167	0	0	0	0	0	0
0.014714	0	0	0	0	0	0
0.014073	0	0	0	0	0	0
0.109101	0.01	0	0	0	0	0
0.025272	0	0	0	0	0	0
0.014427	0	0	0	0	0	0
0.046932	0	0	0	0	0	0
0.012532	0	0	0	0	0	0
0.010745	0	0	0	0	0	0
0.042147	0	0	0	0	0	0
0.058279	0	0	0	0	0	0
0.005843	0	0	0	0	0	0
0.006837	0	0	0	0	0	0
0.043895	0	0	0	0	0	0
0.040451	0	0	0	0	0	0
0.035464	0	0	0	0	0	0
0.038025	0	0	0	0	0	0
0.030647	0	0	0	0	0	0
0.032535	0	0	0	0	0	0
0.052907	0	0	0	0	0	0
0.040526	0	0	0	0	0	0
0.067605	0	0	0	0	0	0
0.02481	0	0	0	0	0	0
0.063689	0	0	0	0	0	0
0.048243	0	0	0	0	0	0
0.053951	0	0	0	0	0	0
0.08309	0	0	0	0	0	0
0.067481	0	0	0	0	0	0
0.044517	0	0	0	0	0	0
0.061733	0	0	0	0	0	0
0.075251	0	0	0	0	0	0
0.017304	0	0	0	0	0	0
0.009048	0	0	0	0	0	0
0.016564	0	0	0	0	0	0
0.011268	0	0	0	0	0	0
0.025323	0	0	0	0	0	0
0.014233	0	0	0	0	0	0
0.013573	0	0	0	0	0	0
0.013971	0	0	0	0	1	1
0.007278	0	0	0	0	0	0
0.021529	0	0	0	0	0	0
0.011645	0	0	0	0	0	0
0.02082	0	0	0	0	0	0
0.06391	0	0	0	0	0	0

0.059796	0	0	0	0	0	0
0.156163	0	0	0	0	0	0
0.222236	0	0	0	0	0	0
0.091186	0	0	0	0	0	0
0.108114	0	0	0	0	0	0
0.506075	0	0	0	0	0	0
0.006194	0	0	0	0	0	0
0.005198	0	0	0	0	0	0
0.002762	0	0	0	0	0	0
0.00455	0	0	0	0	0	0
0.041398	0.04	0	0	0	0	0
0.00757	0	0	0	0	0	0
0.004836	0	0	0	0	0	0
0.006751	0	0	0	0	0	0
0.040477	0	0	0	0	0	0
0.053982	0	0	0	0	0	0
0.030277	0	0	0	0	0	0
0.00619	0	0	0	0	0	0
0.026467	0	0	0	0	0	0
0.018386	0	0	0	0	0	0
0.045323	0	0	0	0	0	0
0.014623	0	0	0	0	0	0
0.012094	0	0	0	0	0	0
0.010214	0	0	0	0	0	0
0.027157	0	0	0	0	0	0
0.006544	0	0	0	0	6	6
0.001828	0	0	0	0	0	0
0.01866	0	0	0	0	0	0
0.005377	0	0	0	0	0	0
0.002578	0	6	0	0	2	8
0.002316	0	2	0	0	0	2
0.008586	0	0	0	0	0	0
0.006721	0	0	0	0	0	0
0.011987	0	0	0	0	0	0
0.020583	0	0	0	0	0	0
0.001922	0	0	0	0	0	0
0.001768	0	0	0	0	0	0
0.001704	0	0	0	0	0	0
0.001991	0	0	0	0	0	0
0.008222	0	0	0	0	0	0
0.002742	0	0	0	0	0	0
0.000729	0	0	0	0	0	0
0.000952	0	0	0	0	0	0
0.002633	0	0	0	0	0	0
0.001074	0	0	0	0	0	0
0.004841	0	0	0	0	0	0
0.010497	0	0	0	0	3	3
0.000899	0	3	0	0	0	3
0.002426	0	0	0	0	0	0
0.071497	0	0	0	0	0	0



0.098975	0	0	0	0	0	0
0.060705	0	0	0	0	0	0
0.079859	0	0	0	0	0	0
0.127691	0	0	0	0	0	0
0.033006	0	0	0	0	0	0
0.064664	0	0	0	0	0	0
0.048991	0	0	0	0	0	0
0.233828	0.02	0	0	0	0	0
0.071545	0	0	0	0	0	0
0.014068	0	0	0	0	0	0
0.009858	0	0	0	0	0	0
0.006408	0	0	0	0	0	0
0.05366	0	0	0	0	0	0
0.034628	0	0	0	0	0	0
0.099548	0	0	0	0	0	0
0.055679	0	0	0	0	0	0
0.051542	0	0	0	0	0	0
0.058251	0	0	0	0	0	0
0.081993	0	0	0	0	0	0
0.05022	0	0	0	0	0	0
0.049156	0	0	0	0	0	0
0.047869	0	0	0	0	0	0
0.029132	0	0	0	0	0	0
0.029489	0	0	0	0	0	0
0.031348	0	0	0	0	0	0
0.03627	0	0	0	0	0	0
0.02275	0	0	0	0	0	0
0.012375	0	0	0	0	0	0
0.015116	0	0	0	0	0	0
0.002975	0	0	0	0	0	0
0.01057	0.01	0	0	0	0	0
0.011816	0	0	0	0	0	0
0.025187	0	0	0	0	0	0
0.002856	0	0	0	0	0	0
0.005753	0	0	0	0	0	0
0.008619	0	0	0	0	0	0
0.008722	0	0	0	0	0	0
0.015604	0	0	0	0	0	0
0.015375	0	0	0	0	0	0
0.018939	0	0	0	0	0	0
0.032444	0	0	0	0	0	0
0.027318	0	0	0	0	0	0
0.054604	0	0	0	0	0	0
0.020144	0	0	0	0	0	0
0.017869	0	0	0	0	0	0
0.04857	0.13	0	0	0	0	0
0.008443	0	0	0	0	0	0
0.019932	0	0	0	0	0	0
0.014937	0	0	0	0	0	0
0.009646	0	0	0	0	0	0

0.020114	0	0	0	0	0	0
0.027218	0	0	0	0	0	0
0.014474	0	0	0	0	0	0
0.006308	0	0	0	0	0	0
0.002309	0	0	0	0	0	0
0.003493	0	0	0	0	0	0
0.006931	0	0	0	0	0	0
0.005027	0	0	0	0	0	0
0.008521	0	0	0	0	0	0
0.004206	0	0	0	0	0	0
0.00667	0	0	0	0	0	0
0.012141	0	0	0	0	0	0
0.001795	0	0	0	0	0	0
0.012388	0	0	0	0	0	0
0.007713	0	0	0	0	0	0
0.005691	0	0	0	0	0	0
0.005918	0	0	0	0	0	0
0.085257	0	0	0	0	0	0
0.099859	0	0	0	0	0	0
0.054857	0	0	0	0	0	0
0.047894	0	0	0	0	0	0
0.090084	0	0	0	0	0	0
0.07751	0	0	0	0	0	0
0.264132	0	0	0	0	0	0
0.044866	0	0	0	0	0	0
0.049646	0	0	0	0	0	0
0.053146	0	0	0	0	0	0
0.060768	0	0	0	0	0	0
0.03563	0	0	0	0	0	0
0.167835	0	0	0	0	0	0
0.087108	0	0	0	0	0	0
0.029243	0	0	0	0	0	0
0.033734	0	0	0	0	0	0
0.192443	0	0	0	0	0	0
0.184295	0.05	0	0	0	0	0
0.015652	0	0	0	0	0	0
0.027228	0	0	0	0	0	0
0.020085	0	0	0	0	0	0
0.027523	0	0	0	0	0	0
0.049924	0	0	0	0	0	0
0.058566	0	0	0	0	0	0
0.093692	0	0	0	0	0	0
0.061619	0	0	0	0	0	0
0.053652	0	0	0	0	0	0
0.046615	0	0	0	0	0	0
0.067542	0	0	0	0	0	0
0.067376	0	0	0	0	0	0
0.057376	0	0	0	0	0	0
0.054724	0	0	0	0	0	0
0.039791	0	0	0	0	0	0

0.071281	0	0	0	0	0	0
0.049539	0	0	0	0	0	0
0.067553	0	0	0	0	0	0
0.047109	0	0	0	0	0	0
0.046668	0	0	0	0	0	0
0.053929	0	0	0	0	0	0
0.038787	0	0	0	0	0	0
0.021713	0	0	0	0	0	0
0.132623	0	0	0	0	0	0
0.093334	0	0	0	0	0	0
0.067809	0	0	0	0	0	0
0.119498	0	0	0	0	0	0
0.126033	0	0	0	0	0	0
0.062645	0	0	0	0	0	0
0.14025	0	0	0	0	0	0
0.008674	0	0	0	0	0	0
0.001192	0	0	0	0	0	0
0.002389	0	0	0	0	0	0
0.00227	0	0	0	0	0	0
0.011354	0	0	0	0	0	0
0.001245	0	0	0	0	0	0
0.003245	0	0	0	0	0	0
0.002438	0	0	0	0	0	0
0.002707	0	0	0	0	0	0
0.021341	0	0	0	0	0	0
0.01166	0	0	0	0	0	0
0.037082	0	0	0	0	0	0
0.008578	0	0	0	0	0	0
0.019472	0	0	0	0	0	0
0.037998	0	0	0	0	0	0
0.119934	0	0	0	0	0	0
0.040699	0	0	0	0	0	0
0.04221	0	0	0	0	0	0
0.027605	0	0	0	0	0	0
0.026445	0	0	0	0	0	0
0.079513	0	0	0	0	0	0
0.137748	0	0	0	0	0	0
0.02707	0	0	0	0	0	0
0.038628	0	0	0	0	0	0
0.036105	0	0	0	0	0	0
0.085856	0	0	0	0	0	0
0.068791	0	0	0	0	0	0
0.032063	0	0	0	0	0	0
0.016831	0	0	0	0	0	0
0.012543	0	0	0	0	0	0
0.028375	0	0	0	0	0	0
0.014036	0	0	0	0	0	0
0.011778	0	0	0	0	0	0
0.01905	0	0	0	0	0	0
0.011602	0	0	0	0	0	0

0.074337	0	0	0	0	0	0
0.056957	0	0	0	0	0	0
0.05944	0	0	0	0	0	0
0.028147	0	0	0	0	0	0
0.056474	0	0	0	0	0	0
0.017832	0	0	0	0	0	0
0.032226	0	0	0	0	0	0
0.041194	0	0	0	0	0	0
0.064724	0	0	0	0	0	0
0.011237	0	0	0	0	0	0
0.026373	0	0	0	0	0	0
0.049765	0	0	0	0	0	0
0.043978	0	0	0	0	0	0
0.050455	0	0	0	0	0	0
0.050317	0	0	0	0	0	0
0.070364	0	0	0	0	0	0
0.058893	0	0	0	0	0	0
0.041342	0	0	0	0	0	0
0.043321	0	0	0	0	0	0
0.814223	0	0	0	0	0	0
0.04408	0	0	0	0	0	0
0.044723	0	0	0	0	0	0
0.203364	0	0	0	0	0	0
0.050136	0	0	0	0	0	0
0.050077	0	0	0	0	0	0
0.035095	0	0	0	0	0	0
0.059003	0	0	0	0	0	0
0.05185	0	0	0	0	0	0
0.048045	0	0	0	0	0	0
0.055381	0	0	0	0	0	0
0.035679	0	0	0	0	0	0
0.029248	0	0	0	0	0	0
0.048002	0	0	0	0	0	0
0.054235	0	0	0	0	0	0
0.02854	0	0	0	0	0	0
0.04169	0	0	0	0	0	0
0.033751	0	0	0	0	0	0
0.038718	0	0	0	0	0	0
0.019535	0	0	0	0	0	0
0.061439	0	0	0	0	0	0
0.023502	0	0	0	0	0	0
0.024117	0	0	0	0	0	0
0.063077	0	0	0	0	0	0
0.057669	0	0	0	0	0	0
0.112386	0	0	0	0	0	0
0.067906	0	0	0	0	0	0
0.058243	0	0	0	0	0	0
0.021381	0	0	0	0	0	0
0.014072	0	0	0	0	0	0
0.008684	0	0	0	0	0	0

0.014013	0	0	0	0	0	0
0.021547	0	0	0	0	0	0
0.032995	0	0	0	0	0	0
0.018199	0	0	0	0	0	0
0.039593	0	0	0	0	0	0
0.011193	0	0	0	0	0	0
0.017755	0	0	0	0	0	0
0.022912	0	0	0	0	0	0
0.031754	0	0	0	0	0	0
0.018373	0	0	0	0	0	0
0.260006	0.01	0	0	0	0	0
0.020025	0	0	0	0	3	3
0.022856	0	3	0	0	0	3
0.063277	0	0	0	0	0	0
0.021166	0	0	0	0	0	0
0.014729	0	0	0	0	0	0
0.009286	0	0	0	0	0	0
0.010279	0	0	0	0	0	0
0.007482	0	0	0	0	0	0
0.008732	0	0	0	0	0	0
0.019739	0	0	0	0	0	0
0.023149	0	0	0	0	0	0
0.01179	0	0	0	0	0	0
0.04092	0	0	0	0	0	0
0.083349	0	0	0	0	0	0
0.062345	0	0	0	0	0	0
0.044326	0	0	0	0	0	0
0.080808	0	0	0	0	0	0
0.020603	0	0	0	0	0	0
0.112505	0	0	0	0	0	0
0.479416	0.25	0	0	0	0	0
0.024072	0	0	0	0	0	0
0.023771	0	0	0	0	0	0
0.019431	0	0	0	0	0	0
0.032989	0	0	0	0	0	0
0.021586	0	0	0	0	0	0
0.083596	0	0	0	0	0	0
0.021295	0	0	0	0	0	0
0.018066	0	0	0	0	0	0
0.062228	0	0	0	0	0	0
0.115988	0	0	0	0	0	0
0.045081	0	0	0	0	0	0
0.088004	0	0	0	0	0	0
0.097977	0	0	0	0	0	0
0.117539	0	0	0	0	0	0
0.104954	0	0	0	0	0	0
0.04253	0	0	0	0	0	0
0.115895	0	0	0	0	0	0
0.066038	0	0	0	0	0	0
0.059724	0	0	0	0	0	0

0.040913	0	0	0	0	0	0
0.048228	0	0	0	0	0	0
0.056971	0	0	0	0	0	0
0.055331	0	0	0	0	0	0
0.064625	0	0	0	0	0	0
0.0464	0	0	0	0	0	0
0.107246	0	6	0	0	0	6
0.052057	0	0	0	0	0	0
0.120099	0	0	0	0	0	0
0.147555	0	0	0	0	0	0
0.01246	0	0	0	0	0	0
0.031579	0	0	0	0	0	0
0.021529	0	0	0	0	0	0
0.039991	0	0	0	0	0	0
0.397204	0	0	0	0	0	0
0.203067	0	0	0	0	0	0
0.075584	0	0	0	0	0	0
0.071109	0	0	0	0	0	0
0.022131	0	0	0	0	0	0
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0.003974	0	0	0	0	0	0
0.01911	0	0	0	0	0	0
0.05235	0	0	0	0	0	0
0.020508	0	0	0	0	0	0
0.01906	0	0	0	0	0	0
0.005201	0	0	0	0	0	0
0.009115	0	0	0	0	0	0
0.006503	0	0	0	0	0	0
0.010161	0	0	0	0	0	0
0.006408	0	0	0	0	0	0
0.004441	0	0	0	0	0	0
0.005357	0	0	0	0	0	0
0.067178	0	0	0	0	0	0
0.053069	0	0	0	0	0	0
0.186339	0	0	0	0	0	0
0.047619	0	0	0	0	0	0
0.032434	0	0	0	0	0	0
0.036204	0	0	0	0	0	0
0.063621	0	0	0	0	0	0
0.066075	0	0	0	0	0	0
0.045367	0	0	0	0	0	0
0.028585	0	0	0	0	0	0
0.095841	0	0	0	0	0	0
0.044295	0	0	0	0	0	0
0.154443	0	0	0	0	0	0
0.060229	0	0	0	0	0	0
0.022548	0	0	0	0	0	0
0.078273	0	0	0	0	0	0
0.022656	0	0	0	0	0	0
0.047523	0	0	0	0	0	0

0.049646	0	0	0	0	0	0
0.086164	0	0	0	0	0	0
0.077479	0	0	0	0	0	0
0.056676	0	0	0	0	0	0
0.064234	0	0	0	0	0	0
0.039344	0	0	0	0	0	0
0.021209	0	0	0	0	0	0
0.020218	0	0	0	0	0	0
0.023309	0	0	0	0	0	0
0.0116	0	0	0	0	0	0
0.011913	0	0	0	0	0	0
0.026612	0	0	0	0	0	0
0.014713	0	0	0	0	0	0
0.018862	0	0	0	0	0	0
0.044906	0	0	0	0	0	0
0.021599	0	0	0	0	0	0
0.037281	0	0	0	0	0	0
0.025893	0	0	0	0	0	0
0.061313	0	0	0	0	0	0
0.026904	0	0	0	0	0	0
0.091542	0	0	0	0	0	0
0.054091	0	0	0	0	0	0
0.090338	0	0	0	0	0	0
0.030476	0	0	0	0	0	0
0.098032	0	0	0	0	0	0
0.003767	0	0	0	0	0	0
0.001839	0	0	0	0	0	0
0.001662	0	0	0	0	0	0
0.003084	0	0	0	0	0	0
0.002151	0	0	0	0	0	0
0.001551	0	0	0	0	0	0
0.003847	0	0	0	0	0	0
0.006439	0	0	0	0	0	0
0.002195	0	0	0	0	0	0
0.00482	0	0	0	0	0	0
0.009449	0	0	0	0	0	0
0.02329	0	0	0	0	0	0
0.070076	0	0	0	0	0	0
0.006614	0	0	0	0	0	0
0.011977	0	0	0	0	0	0
0.025054	0	0	0	0	0	0
0.022226	0	0	0	0	0	0
0.01142	0	0	0	0	0	0
0.011786	0	0	0	0	0	0
0.021688	0	0	0	0	0	0
0.006223	0	0	0	0	0	0
0.003649	0	0	0	0	0	0
0.024622	0	0	0	0	0	0
0.010524	0	0	0	0	0	0
0.026505	0	0	0	0	0	0

0.026697	0	0	0	0	0	0
0.023305	0	0	0	0	0	0
0.01582	0	0	0	0	0	0
0.011109	0	0	0	0	0	0
0.072432	0	0	0	0	0	0
0.012962	0	0	0	0	0	0
0.100112	0	0	0	0	0	0
0.007077	0	0	0	0	0	0
0.011474	0	0	0	0	0	0
0.063306	0	0	0	0	0	0
0.011555	0	0	0	0	0	0
0.01268	0	0	0	0	0	0
0.015003	0	0	0	0	0	0
0.01519	0	0	0	0	0	0
0.009289	0	0	0	0	0	0
0.008183	0	0	0	0	0	0
0.008883	0	0	0	0	0	0
0.008773	0	0	0	0	0	0
0.010737	0	0	0	0	0	0
0.006145	0	0	0	0	0	0
0.071548	0	0	0	0	0	0
0.049468	0	0	0	0	0	0
0.095912	0	0	0	0	0	0
0.072509	0	0	0	0	0	0
0.105218	0	0	0	0	0	0
0.302679	0	0	0	0	0	0
0.025962	0	0	0	0	0	0
0.027162	0	0	0	0	0	0
0.022985	0	0	0	0	0	0
0.03175	0	0	0	0	0	0
0.051482	0	0	0	0	0	0
0.015942	0	0	0	0	0	0
0.024907	0	0	0	0	0	0
0.016756	0	0	0	0	0	0
0.030846	0	0	0	0	0	0
0.033943	0	0	0	0	0	0
0.085215	0	0	0	0	0	0
0.100202	0	0	0	0	0	0
0.082034	0	0	0	0	0	0
0.062414	0	0	0	0	0	0
0.072427	0	0	0	0	0	0
0.055489	0	0	0	0	0	0
0.022976	0	0	0	0	0	0
0.187465	0	0	0	0	0	0
0.180099	0	0	0	0	0	0
0.049557	0	0	0	0	0	0
0.053332	0	0	0	0	0	0
0.023658	0	0	0	0	0	0
0.030632	0	0	0	0	0	0
0.016838	0	0	0	0	0	0



0.013975	0	0	0	0	0	0
0.049111	0	0	0	0	0	0
0.018189	0	0	0	0	0	0
0.075134	0	0	0	0	0	0
0.310899	0	0	0	0	0	0
0.067638	0	0	0	0	0	0
0.104601	0	0	0	0	0	0
0.074535	0	0	0	0	0	0
0.063486	0	0	0	0	0	0
0.191573	0	0	0	0	0	0
0.056245	0	0	0	0	0	0
0.064816	0	0	0	0	0	0
0.027335	0	0	0	0	0	0
0.052313	0	0	0	0	0	0
0.046673	0	0	0	0	0	0
0.042784	0	0	0	0	0	0
0.044408	0	0	0	0	0	0
0.026747	0	0	0	0	0	0
0.034889	0	0	0	0	0	0
0.02543	0	0	0	0	0	0
0.022313	0	0	0	0	0	0
0.03219	0	0	0	0	0	0
0.022833	0	0	0	0	0	0
0.026795	0	0	0	0	0	0
0.029559	0	0	0	0	0	0
0.041509	0	0	0	0	0	0
0.033949	0	0	0	0	0	0
0.233297	0.05	0	0	0	0	0
0.030174	0	0	0	0	0	0
0.014501	0	0	0	0	0	0
0.014273	0	0	0	0	0	0
0.014675	0	0	0	0	0	0
0.013467	0	0	0	0	0	0
0.009086	0	0	0	0	0	0
0.008662	0	0	0	0	0	0
0.009551	0	0	0	0	0	0
0.014051	0	0	0	0	0	0
0.055926	0	0	0	0	0	0
0.035322	0	0	0	0	0	0
0.015073	0	0	0	0	0	0
0.008931	0	0	0	0	0	0
0.034992	0	0	0	0	0	0
0.047984	0	0	0	0	0	0
0.050715	0	0	0	0	0	0
0.041814	0	0	0	0	0	0
0.066791	0	0	0	0	0	0
0.036675	0	0	0	0	0	0
0.041371	0	0	0	0	0	0
0.040951	0	0	0	0	0	0
0.159705	0	0	0	0	0	0

0.218275	0	0	0	0	0	0
0.021185	0	0	0	0	0	0
0.017003	0	0	0	0	0	0
0.013642	0	0	0	0	0	0
0.040777	0	0	0	0	0	0
0.061811	0	0	0	0	0	0
0.035085	0	0	0	0	0	0
0.023347	0	0	0	0	0	0
0.035268	0	0	0	0	0	0
0.034569	0	0	0	0	0	0
0.02357	0	0	0	0	0	0
0.044815	0	0	0	0	0	0
0.026529	0	0	0	0	0	0
0.016039	0	0	0	0	0	0
0.038345	0	0	0	0	0	0
0.014616	0	0	0	0	0	0
0.026145	0	0	0	0	0	0
0.106732	0	0	0	0	0	0
0.021734	0	0	0	0	0	0
0.001982	0	0	0	0	0	0
0.02345	0	0	0	0	0	0
0.033033	0	0	0	0	0	0
0.012922	0	0	0	0	0	0
0.009447	0	0	0	0	0	0
0.009193	0	0	0	0	0	0
0.014689	0	0	0	0	0	0
0.010555	0	0	0	0	0	0
0.009085	0	0	0	0	0	0
0.015239	0	0	0	0	0	0
0.029809	0	0	0	0	0	0
0.01485	0	0	8	0	0	8
0.030826	0	0	0	0	0	0
0.024434	0	0	0	0	0	0
0.018491	0	0	0	0	0	0
0.015534	0	0	0	0	0	0
0.012567	0	0	0	0	0	0
0.031449	0	0	0	0	0	0
0.012328	0	0	0	0	0	0
0.022869	0	0	0	0	0	0
0.029409	0	0	0	0	0	0
0.00916	0	0	0	0	0	0
0.00776	0	0	0	0	0	0
0.030379	0	0	0	0	0	0
0.008339	0	0	0	0	0	0
0.007118	0	0	0	0	0	0
0.009627	0	0	0	0	0	0
0.006567	0	0	0	0	0	0
0.003745	0	0	0	0	0	0
0.01679	0	0	0	0	0	0
0.022822	0	0	0	0	0	0

0.022117	0	0	0	0	0	0
0.027533	0	0	0	0	0	0
0.026058	0	0	0	0	0	0
0.03289	0	0	0	0	0	0
0.01557	0	0	0	0	0	0
0.01974	0	0	0	0	0	0
0.019105	0	0	0	0	0	0
0.013183	0	0	0	0	0	0
0.009176	0	0	0	0	0	0
0.013196	0	0	0	0	0	0
0.009755	0	0	0	0	0	0
0.005334	0	0	0	0	0	0
0.009933	0	0	0	0	0	0
0.006826	0	0	0	0	0	0
0.008611	0	0	0	0	0	0
0.005163	0	0	0	0	0	0
0.010315	0	0	0	0	0	0
0.00656	0	0	0	0	0	0
0.021672	0	0	0	0	0	0
0.018906	0	0	0	0	0	0
0.055493	0	0	0	0	0	0
0.104854	0.02	0	0	0	0	0
0.078973	0	0	0	0	0	0
0.183535	0	0	0	0	0	0
0.016294	0	0	0	0	0	0
0.00977	0	0	0	0	0	0
0.012124	0	0	0	0	0	0
0.014795	0	0	0	0	0	0
0.008705	0	0	0	0	0	0
0.01107	0	0	0	0	0	0
0.010633	0	0	0	0	0	0
0.016094	0	0	0	0	0	0
0.007541	0	0	0	0	0	0
0.00046	0	0	0	0	0	0
0.006626	0	0	0	0	0	0
0.006994	0	0	0	0	0	0
0.012605	0.01	0	0	0	0	0
0.005755	0	0	0	0	0	0
0.005731	0	0	0	0	0	0
0.001922	0	0	0	0	0	0
0.00068	0	0	0	0	0	0
0.006656	0	0	0	0	0	0
0.01234	0	0	0	0	0	0
0.038931	0	0	0	0	0	0
0.013316	0	0	0	0	0	0
0.007869	0	0	0	0	0	0
0.007692	0	0	0	0	0	0
0.014651	0	0	0	0	0	0
0.015765	0	0	0	0	0	0
0.021772	0	0	0	0	0	0

0.018717	0	0	0	0	0	0
0.227035	0	0	0	0	0	0
0.005312	0	0	0	0	0	0
0.027001	0	0	0	0	0	0
0.037271	0	0	0	0	0	0
0.013941	0	0	0	0	0	0
0.002513	0	0	0	0	0	0
0.004405	0	0	0	6	0	6
0.006056	0	0	0	0	0	0
0.05844	0	0	0	0	0	0
0.103902	0	0	0	0	0	0
0.063965	0	0	0	0	0	0
0.049033	0	0	0	0	0	0
0.070597	0	0	0	0	0	0
0.039499	0	0	0	0	0	0
0.05507	0	0	0	0	0	0
0.058325	0	0	0	0	0	0
0.061266	0	0	0	0	0	0
0.045208	0	0	0	0	0	0
0.064671	0	0	0	0	0	0
0.124924	0	0	0	0	0	0
0.053698	0	0	0	0	0	0
0.03399	0	0	0	0	0	0
0.044573	0	0	0	0	0	0
0.030292	0	0	0	0	0	0
0.049043	0	0	0	0	0	0
0.061935	0	0	0	0	0	0
0.154095	0	0	0	0	0	0
0.043194	0	0	0	0	0	0
0.064579	0	0	0	0	0	0
0.012655	0	0	0	0	0	0
0.035064	0	0	0	0	0	0
0.050078	0	0	0	0	0	0
0.035654	0	0	0	0	0	0
0.044102	0	0	0	0	0	0
0.103123	0	0	0	0	0	0
0.076594	0	0	0	0	0	0
0.24473	0	0	0	0	0	0
0.028335	0	0	0	4	0	4
0.020276	0	0	0	0	0	0
0.050166	0	0	0	0	0	0
0.026111	0	0	0	0	0	0
0.01682	0	0	0	0	0	0
0.018761	0	0	0	0	0	0
0.031627	0	0	0	0	0	0
0.054198	0	0	0	0	0	0
0.029544	0	0	0	0	0	0
0.019364	0	0	0	0	0	0
0.057225	0	0	0	0	0	0
0.020445	0	0	0	0	0	0

0.019396	0	0	0	0	0	0
0.008797	0	0	0	0	0	0
0.02065	0	0	0	0	0	0
0.011658	0	0	0	0	0	0
0.032408	0	0	0	0	0	0
0.009772	0	0	0	0	0	0
0.06773	0	0	0	0	0	0
0.067832	0	0	0	0	0	0
0.096185	0	0	0	0	0	0
0.03818	0	0	0	0	0	0
0.038306	0	0	0	0	0	0
0.027051	0	0	0	0	0	0
0.021648	0	0	0	0	0	0
0.030133	0	0	0	0	0	0
0.063455	0	0	0	0	0	0
0.025537	0	0	0	0	0	0
0.023806	0	0	0	0	0	0
0.005038	0	0	0	0	0	0
0.005711	0	0	0	0	0	0
0.004485	0	0	0	0	0	0
0.01603	0	0	0	0	0	0
0.026723	0	0	0	0	0	0
0.004565	0	0	0	0	0	0
0.004402	0	0	0	0	0	0
0.020119	0	0	0	0	0	0
0.024185	0	0	0	0	0	0
0.017702	0	0	0	0	0	0
0.018328	0	0	0	0	0	0
0.050689	0	0	0	0	0	0
0.04091	0	0	0	0	0	0
0.011744	0	0	0	0	0	0
0.034874	0	0	0	0	0	0
0.069163	0	0	0	0	0	0
0.083807	0	0	0	0	0	0
0.068508	0	0	0	0	0	0
0.013718	0	0	0	0	0	0
0.012962	0	0	0	0	0	0
0.018963	0	0	0	0	0	0
0.015913	0	0	0	0	0	0
0.021811	0	0	0	0	0	0
0.013343	0	0	0	0	0	0
0.008817	0	0	0	0	0	0
0.00856	0	0	0	0	0	0
0.015913	0	0	0	0	0	0
0.004938	0	0	0	0	0	0
0.025768	0	0	0	0	0	0
0.009804	0	0	0	0	0	0
0.019808	0	0	0	0	0	0
0.027332	0	0	0	0	0	0
0.0113	0	0	0	0	0	0

0.009145	0	0	0	0	0	0
0.026271	0	0	0	0	0	0
0.052318	0	0	0	0	0	0
0.084905	0	0	0	0	0	0
0.080957	0	0	0	0	0	0
0.048319	0	0	0	0	0	0
0.160383	0	0	0	0	0	0
0.039474	0	0	0	0	0	0
0.07472	0	0	0	0	0	0
0.033447	0	0	0	0	0	0
0.035556	0	0	0	0	0	0
0.025251	0	0	0	0	0	0
0.071212	0	0	0	0	0	0
0.058712	0	0	0	0	0	0
0.046812	0	0	0	0	0	0
0.043328	0	0	0	0	0	0
0.020526	0	0	0	0	0	0
0.027757	0.01	0	0	0	0	0
0.005549	0	0	0	0	0	0
0.041708	0	0	0	0	0	0
0.064058	0.05	0	0	0	0	0
0.086488	0	0	0	0	0	0
0.082556	0	0	0	0	0	0
0.031128	0	0	0	0	0	0
0.02323	0	0	0	0	0	0
0.034385	0	0	0	0	0	0
0.021943	0	0	0	0	0	0
0.033418	0	0	0	0	0	0
0.010467	0	0	0	0	0	0
0.024163	0	0	0	0	0	0
0.04678	0	0	0	0	0	0
0.097172	0	0	0	0	0	0
0.03168	0	0	0	0	0	0
0.007449	0	0	0	0	0	0
0.048083	0	0	0	0	0	0
0.100361	0	0	0	0	0	0
0.075381	0	0	0	0	0	0
0.0117	0	0	0	0	0	0
0.009324	0	0	0	0	0	0
0.022339	0	0	0	0	0	0
0.037964	0	0	0	0	0	0
0.033896	0	0	0	0	0	0
0.031423	0	0	0	0	0	0
0.016109	0	0	0	0	0	0
0.01915	0	0	0	0	0	0
0.018392	0	0	0	0	0	0
0.035203	0	0	0	0	0	0
0.048449	0	0	0	0	0	0
0.052781	0	0	0	0	0	0
0.048375	0	0	0	0	0	0

0.109581	0	0	0	0	0	0
0.073455	0	0	0	0	0	0
0.036251	0	0	0	0	0	0
0.02714	0	0	0	0	0	0
0.022479	0	0	0	0	0	0
0.037824	0	0	0	0	0	0
0.034244	0	0	0	0	0	0
0.07994	0	0	0	0	0	0
0.030548	0	0	0	0	0	0
0.037922	0	0	0	0	0	0
0.159606	0	0	0	0	0	0
0.020677	0	0	0	0	0	0
0.005416	0	0	0	0	0	0
0.030695	0	0	0	0	0	0
0.036658	0	0	0	0	0	0
0.008157	0	0	0	0	0	0
0.003203	0	0	0	0	0	0
0.00512	0	0	0	0	0	0
0.033152	0	0	0	0	0	0
0.039615	0	0	0	0	0	0
0.005924	0	0	0	0	0	0
0.010191	0	0	0	0	0	0
0.002961	0	0	0	0	0	0
0.007223	0	0	0	0	0	0
0.005877	0	0	0	0	0	0
0.005059	0	0	0	0	0	0
0.012738	0	0	0	0	0	0
0.009506	0	0	0	0	0	0
0.00642	0	0	0	0	0	0
0.003933	0	0	0	0	0	0
0.000525	0	0	0	0	0	0
0.000158	0	0	0	0	0	0
0.000367	0	0	0	0	0	0
0.002081	0	0	0	0	0	0
0.000391	0	0	0	0	0	0
0.054967	0	0	0	0	0	0
0.049335	0	0	0	0	0	0
0.0954	0	0	0	0	0	0
0.061389	0	0	0	0	0	0
0.035491	0	0	0	0	0	0
0.055624	0	0	0	0	0	0
0.061975	0	0	0	0	0	0
0.079754	0	0	0	0	0	0
0.06695	0	0	0	0	0	0
0.06764	0	0	0	0	0	0
0.038733	0	0	0	0	0	0
0.091515	0	0	0	0	0	0
0.06545	0	0	0	0	0	0
0.071594	0	0	0	0	0	0
0.058691	0	0	0	0	0	0

0.057638	0	0	0	0	0	0
0.346233	0.06	0	0	0	0	0
0.24892	0	0	0	0	0	0
0.035	0	0	0	0	0	0
0.029729	0	0	0	0	0	0
0.017022	0	0	0	0	0	0
0.037487	0	0	0	0	0	0
0.0311	0	0	0	0	0	0
0.027267	0	0	0	0	0	0
0.034437	0	0	0	0	0	0
0.059589	0	0	0	0	0	0
0.093273	0	0	0	0	0	0
0.037577	0	0	0	0	0	0
0.031756	0	0	0	0	0	0
0.031177	0	0	0	0	0	0
0.014212	0	0	0	0	0	0
0.040976	0	0	0	0	0	0
0.028017	0	0	0	0	0	0
0.04201	0	0	0	0	0	0
0.028666	0	0	0	0	0	0
0.034738	0	0	0	0	0	0
0.042108	0	0	0	0	0	0
0.02288	0	0	0	0	0	0
0.007523	0	0	0	0	0	0
0.011502	0	0	0	0	0	0
0.008814	0	0	0	0	0	0
0.004328	0	0	0	0	0	0
0.004591	0	0	0	0	0	0
0.013711	0	0	0	0	0	0
0.006181	0	0	0	0	0	0
0.004425	0	0	0	0	0	0
0.047392	0	0	0	0	0	0
0.057118	0	0	0	0	0	0
0.04775	0	0	0	0	0	0
0.018406	0	0	0	0	0	0
0.077499	0	0	0	0	0	0
0.03823	0	0	0	0	0	0
0.017379	0	0	0	0	0	0
0.016172	0	0	0	0	0	0
0.061808	0	0	0	0	0	0
0.264724	0	0	0	0	0	0
0.065158	0	0	0	0	0	0
0.005717	0	0	0	0	0	0
0.032887	0	0	0	0	0	0
0.004637	0	0	0	0	0	0
0.02598	0	0	0	0	0	0
0.010773	0	0	0	0	0	0
0.017824	0	0	0	0	0	0
0.06521	0	0	0	0	0	0
0.016586	0	0	0	0	0	0



0.033297	0	0	0	0	0	0
0.054158	0	0	0	0	0	0
0.124542	0	0	0	0	0	0
0.012079	0	0	6	0	14	20
0.056405	0	0	0	0	0	0
0.009768	0	0	0	0	0	0
0.003412	0	0	0	0	0	0
0.012873	0	0	0	0	0	0
0.0233	0	0	0	0	0	0
0.016775	0	0	0	0	0	0
0.011099	0	0	0	0	0	0
0.011785	0	0	0	0	0	0
0.007107	0	0	0	0	0	0
0.024803	0	0	0	0	0	0
0.032785	0	0	0	0	0	0
0.007517	0	0	0	0	0	0
0.00535	0	0	0	0	0	0
0.00417	0	0	0	0	0	0
0.005325	0	0	0	0	0	0
0.022698	0	0	0	0	0	0
0.015576	0	0	0	0	0	0
0.03058	0	0	0	0	0	0
0.096965	0	0	0	0	0	0
0.204784	0	0	0	0	0	0
0.046679	0	0	0	0	0	0
0.166047	0	0	0	0	0	0
0.018535	0	0	0	0	0	0
0.006649	0	0	0	0	0	0
0.005989	0	0	0	0	0	0
0.005161	0	0	0	0	0	0
0.00658	0	0	0	0	0	0
0.009254	0	0	0	0	0	0
0.009297	0	0	0	0	0	0
0.075056	0	0	0	0	0	0
0.008612	0	0	0	0	0	0
0.011763	0	0	0	0	0	0
0.023929	0	0	0	0	0	0
0.008704	0	0	0	0	0	0
0.01776	0	0	0	0	0	0
0.012199	0	0	0	0	0	0
0.011044	0	0	0	0	0	0
0.012424	0	0	0	0	0	0
0.007749	0	0	0	0	0	0
0.011884	0	0	0	0	0	0
0.007183	0	0	0	0	0	0
0.035548	0	0	0	0	0	0
0.103558	0	0	0	0	0	0
0.054498	0	0	0	0	0	0
0.030374	0	0	0	0	0	0
0.029641	0	0	0	0	0	0

0.04941	0	0	0	0	0	0
0.079109	0	0	0	0	0	0
0.016187	0	0	0	0	0	0
0.046275	0	0	0	0	0	0
0.052826	0	0	0	0	0	0
0.04092	0	0	0	0	0	0
0.050334	0	0	0	0	0	0
0.058173	0	0	0	0	0	0
0.030262	0	0	0	0	0	0
0.06763	0	0	0	0	3	3
0.306306	0	0	0	0	0	0
0.096309	0	0	0	0	0	0
0.067892	0	0	0	0	0	0
0.048173	0	0	0	0	0	0
0.03726	0	0	0	0	0	0
0.027239	0	0	0	0	0	0
0.131723	0	0	0	0	0	0
0.059538	0	0	0	0	0	0
0.003196	0	0	0	0	0	0
0.002012	0	0	0	0	0	0
0.00133	0	0	0	0	0	0
0.002683	0	0	0	0	1	1
0.003293	0	1	0	0	0	1
0.002642	0	0	0	0	0	0
0.001467	0	0	0	0	0	0
0.001634	0	0	0	0	0	0
0.002299	0	0	0	0	0	0
0.001748	0	0	0	0	0	0
0.002387	0	0	0	0	2	2
0.001738	0	0	0	0	0	0
0.003121	0	0	0	0	0	0
0.002849	0	2	0	0	0	2
0.003932	0	0	0	0	0	0
0.002278	0	0	0	0	0	0
0.005753	0	0	0	0	0	0
0.007958	0	0	0	0	0	0
0.000929	0	0	0	0	0	0
0.000853	0	0	0	0	0	0
0.001078	0	0	0	0	0	0
0.086184	0	0	0	0	0	0
0.015613	0	0	0	0	0	0
0.077594	0	0	0	0	0	0
0.248108	0	0	0	0	0	0
0.023075	0	0	0	0	0	0
0.119329	0	0	0	0	0	0
0.051677	0	0	0	0	0	0
0.0823	0	0	0	0	0	0
0.159982	0	0	0	0	0	0
0.078637	0	0	0	0	0	0
0.004197	0	0	0	0	0	0

0.004618	0	0	0	0	0	0
0.007129	0	0	0	0	0	0
0.034164	0	0	0	0	0	0
0.013244	0	0	0	0	0	0
0.007475	0	0	0	0	0	0
0.009957	0	0	0	0	0	0
0.01323	0	0	0	0	0	0
0.020205	0	0	0	0	0	0
0.057651	0	0	0	0	0	0
0.036777	0	0	0	0	0	0
0.1324	0	0	0	0	0	0
0.346152	0	0	0	0	0	0
0.048617	0	0	0	0	0	0
0.031255	0	0	0	0	0	0
0.530828	0	0	0	0	0	0
0.086264	0.1	0	0	0	0	0
0.027005	0	0	0	0	0	0
0.11	0	0	0	0	0	0
0.051783	0	0	0	0	0	0
0.037752	0	0	0	0	0	0
0.033994	0	0	0	0	0	0
0.026248	0	0	0	0	0	0
0.022425	0	0	0	0	0	0
0.425125	0.12	0	0	0	0	0
0.014867	0	0	0	0	0	0
0.011965	0	0	1	0	0	1
0.011431	0	0	0	0	0	0
0.068274	0	0	0	0	0	0
0.016566	0	0	0	0	0	0
0.073623	0	0	0	0	0	0
0.041016	0	0	0	0	0	0
0.039339	0	0	0	0	0	0
0.017098	0	0	0	0	0	0
0.015604	0	0	0	0	0	0
0.013219	0	0	0	0	0	0
0.01074	0	0	0	0	0	0
0.008775	0	0	0	0	0	0
0.040579	0	0	0	0	0	0
0.013196	0	0	0	0	0	0
0.023669	0	0	0	0	0	0
0.012102	0	0	0	0	0	0
0.022393	0	0	0	0	0	0
0.066101	0	0	0	0	0	0
0.02021	0	0	0	0	0	0
0.021447	0	0	0	0	0	0
0.013205	0	0	0	0	0	0
0.010314	0	0	0	0	0	0
0.059436	0	0	0	0	0	0
0.110211	0	0	0	0	0	0
0.048256	0	0	0	0	0	0

0.726572	0.39	0	0	0	0	0
0.062384	0	0	0	0	0	0
0.067121	0	0	0	0	0	0
0.007292	0	0	0	0	0	0
0.012981	0	0	0	0	0	0
0.007089	0	0	0	0	0	0
0.006656	0	0	0	0	0	0
0.009056	0	0	0	0	0	0
0.022699	0	0	0	0	0	0
0.012835	0	0	0	0	0	0
0.008553	0	0	0	0	0	0
0.006948	0	0	0	0	0	0
0.008141	0	0	0	0	0	0
0.011503	0	0	0	0	0	0
0.025824	0	0	0	0	0	0
0.023981	0	0	0	0	0	0
0.601505	0.14	0	0	0	0	0
0.016172	0	0	0	0	0	0
0.001845	0	0	0	0	0	0
0.315125	0	0	0	0	0	0
0.00289	0	0	0	0	0	0
0.029195	0	0	0	0	0	0
0.008791	0	0	0	0	0	0
0.01003	0	0	0	0	0	0
0.016368	0	0	0	0	0	0
0.014301	0	0	0	0	0	0
0.011098	0.01	0	0	0	0	0
0.006903	0	0	0	0	0	0
0.222572	0.28	0	0	7	0	7
0.522197	0	0	0	0	0	0
0.035168	0	0	0	0	0	0
0.005036	0	0	0	0	5	5
0.008067	0	0	0	0	0	0
0.011328	0	5	0	0	0	5
0.004959	0	0	0	0	0	0
0.137051	0	0	0	0	0	0
0.004726	0	0	0	0	0	0
0.003261	0	0	0	0	0	0
0.012124	0	0	0	0	0	0
0.037443	0	0	0	0	0	0
0.071279	0.01	0	0	0	0	0
0.024582	0	0	0	0	0	0
0.010776	0	0	0	0	0	0
0.020662	0	0	0	0	0	0
0.045592	0	0	0	0	2	2
0.010062	0	2	0	0	0	2
0.008241	0	0	0	0	0	0
0.010476	0	0	0	0	0	0
0.117389	0	0	0	0	0	0
0.12057	0	0	0	0	0	0

0.031583	0	0	0	0	0	0
0.023111	0	0	0	0	0	0
0.008547	0	0	0	0	0	0
0.007348	0	0	0	0	0	0
0.009238	0	0	0	0	0	0
0.015803	0	0	0	0	0	0
0.020468	0	0	0	0	0	0
0.051154	0	0	0	0	0	0
0.004858	0	0	0	0	0	0
0.006196	0	0	0	0	0	0
0.005403	0	0	0	0	0	0
0.011063	0	0	0	0	0	0
0.006472	0	0	0	0	0	0
0.008291	0	0	0	0	0	0
0.07427	0	0	0	0	0	0
0.008053	0	0	0	0	0	0
0.005621	0	0	0	0	0	0
0.016447	0	0	0	0	0	0
0.006183	0	0	0	0	0	0
0.008988	0	0	0	0	0	0
0.008613	0	0	0	0	0	0
0.007255	0	0	0	0	0	0
0.013068	0	0	0	0	0	0
0.006589	0	0	0	0	0	0
0.045027	0	0	0	0	0	0
0.027732	0	0	0	0	0	0
0.064819	0	0	0	0	0	0
0.035824	0	0	0	0	0	0
0.05069	0	0	0	0	0	0
0.045384	0	0	0	0	0	0
0.046719	0	0	0	0	0	0
0.021257	0	0	0	0	0	0
0.017104	0	0	0	0	0	0
0.074845	0	0	0	0	0	0
0.060196	0	0	0	0	0	0
0.034972	0	0	0	0	0	0
0.077126	0	0	0	0	0	0
0.044134	0	0	0	0	0	0
0.014331	0	0	0	0	0	0
0.018677	0	0	0	0	0	0
0.079933	0	0	0	0	0	0
0.062598	0	0	0	0	0	0
0.034673	0	0	0	0	0	0
0.04866	0	0	0	0	0	0
0.07856	0	0	0	0	0	0
0.050992	0	0	0	0	0	0
0.058082	0	0	0	0	0	0
0.079248	0	0	0	0	0	0
0.010751	0	0	0	0	0	0
0.013398	0	0	0	0	0	0

0.006686	0	0	0	0	0	0
0.005413	0	0	0	0	0	0
0.003976	0	0	0	0	0	0
0.005836	0	0	0	0	0	0
0.0022	0	0	0	0	0	0
0.0077	0	0	0	0	0	0
0.007307	0	0	0	0	0	0
0.022323	0	0	0	0	0	0
0.047166	0	0	0	0	0	0
0.091985	0	0	0	0	0	0
0.014306	0	0	0	0	0	0
0.000205	0	0	0	0	0	0
0.018834	0	0	0	0	0	0
0.007362	0	0	0	0	0	0
0.007801	0	0	0	0	0	0
0.09171	0	0	0	0	0	0
0.015311	0	0	0	0	0	0
0.007685	0	0	0	0	0	0
0.004261	0	0	0	0	0	0
0.016513	0	0	0	0	0	0
0.006873	0	0	0	0	0	0
0.015155	0.01	0	0	0	0	0
0.006092	0	0	0	0	0	0
0.038393	0.01	0	0	0	0	0
0.070397	0	0	0	0	0	0
0.005131	0	0	0	0	0	0
0.00661	0	0	0	0	0	0
0.031177	0	0	0	0	0	0
0.007053	0	0	0	0	0	0
0.017564	0	0	0	0	0	0
0.008056	0	0	0	0	0	0
0.005696	0	0	0	0	0	0
0.007863	0	0	0	0	0	0
0.009541	0	0	0	4	0	4
0.009161	0	0	0	0	0	0
0.008753	0	0	0	0	0	0
0.039313	0	0	0	0	0	0
0.068475	0.02	0	0	0	0	0
0.015188	0	0	0	0	0	0
0.011061	0	0	0	0	0	0
0.017245	0	0	0	0	0	0
0.007435	0	0	0	0	0	0
0.022172	0	0	0	0	0	0
0.0503	0	0	0	0	0	0
0.002907	0	0	0	0	0	0
0.004237	0	0	0	0	0	0
0.00309	0.01	0	0	0	0	0
0.009423	0	0	0	0	0	0
0.003778	0	0	0	0	0	0
0.015543	0	0	0	0	0	0

0.077159	0	0	0	0	0	0
0.947425	0	0	0	0	0	0
0.012362	0	0	0	0	0	0
0.011384	0	0	0	0	0	0
0.002997	0	0	0	0	0	0
0.004224	0	0	0	0	0	0
0.001441	0	0	0	0	0	0
0.137944	0	0	0	0	0	0
0.012107	0	0	0	0	0	0
0.006669	0	0	0	0	0	0
0.007122	0	0	0	0	0	0
0.048238	0	0	0	0	0	0
0.020903	0	0	0	0	0	0
0.050087	0	0	0	0	0	0
0.062494	0	0	0	0	0	0
0.044428	0	0	0	0	0	0
0.032943	0	0	0	0	0	0
0.113865	0	0	0	0	0	0
0.032707	0	0	0	0	0	0
0.015808	0	0	0	0	0	0
0.039158	0	0	0	0	0	0
0.038098	0	0	0	0	0	0
0.027837	0	0	0	0	0	0
0.038161	0	0	0	0	0	0
0.006748	0	0	0	0	0	0
0.006443	0	0	0	0	0	0
0.00616	0	0	0	0	0	0
0.00617	0	0	0	0	0	0
0.008447	0	0	0	0	0	0
0.004952	0	0	0	0	0	0
0.005797	0	0	0	0	0	0
0.012286	0	0	0	0	0	0
0.002384	0	0	0	0	0	0
0.005345	0	0	0	0	0	0
0.005843	0	0	0	0	0	0
0.04748	0	0	0	0	0	0
0.007695	0	0	0	0	0	0
0.002782	0	0	0	0	0	0
0.02652	0	0	0	0	0	0
0.040672	0	0	0	0	0	0
0.027628	0.07	0	0	0	0	0
0.04599	0.11	0	0	0	0	0
0.024791	0	0	0	0	0	0
0.025559	0	0	0	0	0	0
0.005972	0	0	0	0	0	0
0.030527	0	0	0	0	0	0
0.016354	0	0	0	0	0	0
0.005164	0	0	0	0	0	0
0.049017	0	0	0	0	0	0
0.004123	0	0	0	0	0	0

0.142638	0.03	0	0	0	0	0
0.038361	0	0	0	0	0	0
0.016855	0	0	0	0	0	0
0.018802	0	0	0	0	0	0
0.021143	0	0	0	0	0	0
0.0245	0	0	0	0	0	0
0.016849	0	0	0	0	0	0
0.015689	0	0	0	0	0	0
0.015101	0	0	0	0	0	0
0.018584	0	0	0	0	0	0
0.007609	0	0	0	0	0	0
0.010729	0	0	0	0	0	0
0.017638	0	0	0	0	0	0
0.014518	0	0	0	0	0	0
0.007396	0	0	0	0	0	0
0.006928	0	0	0	0	0	0
0.008051	0	0	0	0	0	0
0.189339	0.18	0	0	0	0	0
0.114106	0	0	0	0	0	0
0.023698	0	0	0	0	0	0
0.015406	0	0	0	0	0	0
0.014119	0	0	0	0	0	0
0.017814	0	0	0	0	0	0
0.015224	0	0	0	0	0	0
0.015068	0	0	0	0	0	0
0.006507	0	0	0	0	0	0
0.002069	0	0	0	0	0	0
0.024094	0	0	0	0	0	0
0.008415	0	0	0	0	0	0
0.009415	0	0	6	0	5	11
0.002001	0	0	0	0	0	0
0.083903	0	0	0	0	0	0
0.03868	0	0	0	0	0	0
0.017553	0	0	0	0	0	0
0.0409	0	0	0	0	0	0
0.036102	0	0	0	0	0	0
0.025618	0	0	0	0	0	0
0.129315	0	0	0	0	0	0
0.036528	0	0	0	0	0	0
0.065077	0	0	0	0	0	0
0.048718	0	0	0	0	0	0
0.051337	0	0	0	0	0	0
0.018782	0	0	0	0	0	0
0.07107	0	0	0	0	0	0
0.036794	0	0	0	0	0	0
0.049689	0	0	0	0	0	0
0.022265	0	0	0	0	0	0
0.038321	0	0	0	0	0	0
0.059654	0	0	0	0	0	0
0.063074	0	0	0	0	0	0



0.006494	0	0	0	0	0	0
0.008044	0	0	0	0	0	0
0.011594	0	0	0	0	0	0
0.002794	0	0	0	0	0	0
0.014166	0	0	0	0	0	0
0.009947	0	0	0	0	0	0
0.015377	0	0	0	0	0	0
0.020323	0	0	0	0	0	0
0.006453	0	0	0	0	0	0
0.168875	0	0	0	0	0	0
0.082883	0	0	0	0	0	0
0.058305	0	0	0	0	0	0
0.03549	0	0	0	0	0	0
0.06336	0	0	0	0	0	0
0.041384	0	0	0	0	0	0
0.183336	0	0	0	0	0	0
0.051696	0	0	0	0	0	0
0.046747	0	0	0	0	0	0
0.027965	0	0	0	0	0	0
0.016001	0	0	0	0	0	0
0.057109	0	0	0	0	0	0
0.043129	0	0	0	0	0	0
0.050109	0	0	0	0	0	0
0.084346	0	0	0	0	0	0
0.037047	0	0	0	0	0	0
0.036341	0	0	0	0	0	0
0.048229	0	0	0	0	0	0
0.028798	0	0	0	0	0	0
0.027098	0	0	0	0	0	0
0.041179	0	0	0	0	0	0
0.048496	0	0	0	0	0	0
0.047612	0	0	0	0	0	0
0.044408	0	0	0	0	0	0
0.042942	0	0	0	0	0	0
0.309182	0	0	0	0	0	0
0.205925	0	0	0	0	0	0
0.147351	0	0	0	0	0	0
0.279368	0	0	0	0	0	0
0.093451	0	0	0	0	0	0
0.178198	0.04	0	0	0	0	0
0.133599	0	0	0	0	0	0
0.010549	0	0	0	0	0	0
0.019232	0	0	0	0	0	0
0.011317	0	0	0	0	0	0
0.039263	0	0	0	0	0	0
0.035038	0	0	0	0	0	0
0.118718	0.04	0	0	0	0	0
0.004255	0	0	0	0	0	0
0.005402	0	0	0	0	0	0
0.007418	0	0	0	0	0	0

0.009419	0	0	0	0	0	0
0.005659	0	0	0	0	0	0
0.004682	0	0	0	0	0	0
0.020143	0	0	0	0	0	0
0.031625	0	0	0	0	0	0
0.027099	0	0	0	0	0	0
0.005419	0	0	0	0	0	0
0.016029	0	0	0	0	0	0
0.02864	0	0	0	0	0	0
0.186661	0.07	0	0	0	0	0
0.209489	0	0	0	0	0	0
0.303802	0	0	0	0	0	0
0.009213	0	0	0	0	0	0
0.30015	0	0	0	0	0	0
0.057468	0	0	0	0	0	0
0.031417	0	0	0	0	0	0
0.001237	0	0	0	0	0	0
0.000938	0	0	0	0	0	0
0.002951	0	0	0	0	0	0
0.003655	0	0	0	0	0	0
0.000626	0	0	0	0	0	0
0.006599	0	0	0	0	0	0
0.00086	0	0	0	0	0	0
0.000628	0	0	0	0	0	0
0.001972	0	0	0	0	0	0
0.000727	0	0	0	0	0	0
0.000523	0	0	0	0	0	0
0.001781	0	0	0	0	0	0
0.003055	0	0	0	0	4	4
0.053669	0	0	0	0	0	0
0.008971	0	0	0	0	0	0
0.0122	0	0	0	0	0	0
0.046262	0	0	0	0	0	0
0.054713	0	0	0	0	0	0
0.041794	0	0	0	0	0	0
0.076123	0	0	0	0	0	0
0.011442	0	0	0	0	0	0
0.010832	0	0	0	0	0	0
0.005591	0	0	0	0	0	0
0.009881	0	0	0	0	0	0
0.008895	0	0	0	0	0	0
0.016686	0	0	0	0	0	0
0.006541	0	0	0	0	0	0
0.025402	0	0	0	0	0	0
0.025495	0	0	0	0	23	23
0.00123	0	0	0	0	0	0
0.000625	0	0	0	0	0	0
0.013676	0	0	0	0	0	0
0.008683	0	0	0	0	0	0
0.008266	0	0	0	0	0	0

0.025166	0	0	0	0	0	0
0.032673	0	0	0	0	1	1
0.011127	0	1	0	0	0	1
0.01227	0	0	0	0	0	0
0.042098	0	0	0	0	20	20
0.062304	0	20	0	0	0	20
0.037362	0	0	0	0	0	0
0.06101	0	0	0	0	0	0
0.007107	0	0	0	0	0	0
0.032779	0	0	0	0	0	0
0.002341	0	0	0	0	0	0
0.003339	0	0	0	0	0	0
0.012064	0.07	0	0	0	0	0
0.011062	0	0	0	0	0	0
0.023611	0	0	0	0	0	0
0.013316	0	0	0	0	0	0
0.008996	0	0	0	0	0	0
0.005482	0	0	0	0	0	0
0.006494	0	0	0	0	9	9
0.008808	0	9	0	0	0	9
0.009786	0	0	0	0	0	0
0.005195	0	0	0	0	0	0
0.006021	0	0	0	0	0	0
0.005391	0	0	0	0	0	0
0.020742	0	0	0	0	0	0
0.005949	0	0	0	0	0	0
0.003884	0	0	0	0	0	0
0.003448	0	0	0	0	0	0
0.003993	0	0	0	0	0	0
0.007839	0	0	0	0	0	0
0.007382	0	0	0	0	0	0
0.003617	0	0	0	0	0	0
0.003962	0	0	0	0	0	0
0.005622	0	0	0	0	0	0
0.006104	0	0	0	0	0	0
0.055625	0	0	0	0	0	0
0.010652	0	0	0	0	0	0
0.008339	0	0	0	0	0	0
0.005824	0	0	0	0	0	0
0.006219	0	0	0	0	0	0
0.014565	0	0	0	0	0	0
0.061424	0	0	0	0	0	0
0.085617	0	0	0	0	0	0
0.051581	0	0	0	0	0	0
0.082134	0	0	0	0	0	0
0.030847	0	0	0	0	0	0
0.060601	0	0	0	0	0	0
0.023774	0	0	0	0	0	0
0.095156	0	0	0	0	0	0
0.053266	0	0	0	0	0	0

0.028967	0	0	0	0	0	0
0.005818	0	0	0	0	0	0
0.021851	0	0	0	0	0	0
0.055895	0	0	0	0	0	0
0.004466	0	0	0	0	0	0
0.072136	0	0	0	0	0	0
0.033695	0	0	0	0	0	0
0.181147	0	0	0	0	0	0
0.057566	0	0	0	0	0	0
0.125831	0	0	0	0	0	0
0.142966	0	0	0	0	0	0
0.033745	0	0	0	0	0	0
0.129653	0	0	0	0	0	0
0.033299	0	0	0	0	0	0
0.032377	0	0	0	0	0	0
0.014449	0	0	0	0	0	0
0.024693	0	0	0	0	0	0
0.012962	0	0	0	0	0	0
0.063683	0	0	0	0	0	0
0.046126	0	0	0	0	0	0
0.047429	0	0	0	0	0	0
0.029799	0	0	0	0	0	0
0.029387	0	0	0	0	0	0
0.036598	0	0	0	0	0	0
0.042369	0	0	0	0	0	0
0.016458	0	0	0	0	0	0
0.004712	0	0	0	0	0	0
0.008831	0	0	0	0	0	0
0.017751	0	0	0	0	0	0
0.013748	0	0	0	0	0	0
0.013305	0	0	0	0	0	0
0.013459	0	0	0	0	0	0
0.058281	0	0	0	0	0	0
0.047247	0	0	0	0	0	0
0.01819	0	0	0	0	0	0
0.031618	0	0	0	0	0	0
0.006899	0	0	0	0	0	0
0.039831	0	0	0	0	0	0
0.062828	0	0	0	0	0	0
0.048242	0	0	0	0	0	0
0.011195	0.01	0	0	0	0	0
0.000682	0	0	0	0	0	0
0.00154	0	0	0	0	0	0
0.047723	0	0	0	0	0	0
0.016293	0.02	0	0	0	0	0
0.026866	0	0	0	0	0	0
0.019798	0	0	0	0	0	0
0.016862	0	0	0	0	0	0
0.022152	0	0	0	0	0	0
0.01321	0	0	0	0	0	0

0.032627	0	0	0	0	0	0
0.028868	0	0	0	0	0	0
0.044315	0	0	0	0	0	0
0.039377	0	0	0	0	0	0
0.039473	0	0	0	0	0	0
0.004973	0	0	0	0	0	0
0.083264	0	0	0	0	0	0
0.112902	0	0	0	0	0	0
0.004832	0	0	0	0	0	0
0.003822	0	0	0	0	0	0
0.02308	0	0	0	0	0	0
0.022521	0	0	0	0	0	0
0.105413	0	0	0	0	0	0
0.060109	0	0	0	0	0	0
0.03838	0	0	0	0	0	0
0.005669	0	0	0	0	0	0
0.003833	0	0	0	0	0	0
0.006638	0	0	0	0	0	0
0.007936	0	0	0	0	0	0
0.002953	0	0	0	0	0	0
0.004002	0	0	0	0	0	0
0.003538	0	0	0	0	0	0
0.005197	0	0	0	0	0	0
0.002523	0	0	0	0	0	0
0.054907	0	0	5	0	0	5
0.03765	0	0	0	0	0	0
0.010115	0	0	0	0	0	0
0.01009	0	0	0	0	0	0
0.033864	0	0	0	0	0	0
0.009255	0	0	0	0	0	0
0.013956	0	0	0	0	0	0
0.008512	0	0	0	0	0	0
0.006239	0	0	0	0	0	0
0.00885	0	0	0	0	0	0
0.016613	0	0	0	0	0	0
0.015784	0	0	0	0	0	0
0.020753	0	0	0	0	0	0
0.009754	0	0	0	0	0	0
0.00392	0	0	0	0	0	0
0.002388	0	0	0	0	0	0
0.003365	0	0	0	0	0	0
0.001005	0	0	0	0	0	0
0.001384	0	0	0	0	0	0
0.001129	0	0	0	0	0	0
0.001781	0	0	0	0	0	0
0.008485	0	0	0	0	0	0
0.005402	0	0	0	0	0	0
0.002383	0	0	0	0	0	0
0.009654	0	0	0	0	0	0
0.01388	0	0	0	0	0	0

0.004961	0	0	0	0	0	0
0.003791	0	0	0	0	0	0
0.000812	0	0	0	0	0	0
0.005168	0	0	0	0	0	0
0.000333	0	0	0	0	0	0
0.0013	0	0	0	0	0	0
0.002711	0	0	0	0	0	0
0.003293	0	0	0	0	0	0
0.003846	0	0	0	0	0	0
0.001853	0	0	0	0	0	0
0.002339	0	0	0	0	0	0
0.000631	0	0	0	0	0	0
0.941826	0	0	0	0	0	0
0.969702	0	0	0	0	0	0
0.051363	0	0	0	0	0	0
0.045252	0	0	0	0	0	0
0.033636	0	0	0	0	0	0
0.150418	0	0	0	0	0	0
0.087813	0	0	0	0	0	0
0.043564	0	0	0	0	0	0
0.070305	0	0	0	0	0	0
0.051697	0	0	3	3	0	6
0.059372	0	0	0	0	0	0
0.157615	0	0	0	0	0	0
0.098331	0	0	0	0	0	0
0.004422	0	0	0	0	0	0
0.004133	0	0	0	0	0	0
0.00851	0	0	0	0	0	0
0.006872	0	0	0	0	0	0
0.001278	0	0	0	0	0	0
0.029654	0	0	0	0	0	0
0.020952	0	0	0	0	0	0
0.056329	0	0	0	0	0	0
0.009497	0	0	0	0	0	0
0.018383	0	0	0	0	0	0
0.028062	0	0	0	0	0	0
0.024122	0	0	0	0	0	0
0.008245	0.02	0	0	0	0	0
0.00791	0.01	0	0	0	0	0
0.002064	0	0	0	0	0	0
0.004991	0	0	0	0	0	0
0.006617	0	0	0	0	0	0
0.044352	0	0	0	0	0	0
0.005334	0	0	0	4	0	4
0.007342	0	0	0	0	0	0
0.004421	0	0	0	0	0	0
0.015675	0.01	0	0	0	0	0
0.007634	0	0	0	0	0	0
0.005786	0	0	0	0	0	0
0.005044	0	0	0	0	0	0

0.116722	0	0	0	0	0	0
0.008333	0	0	0	0	0	0
0.004743	0	0	0	0	0	0
0.007048	0	0	0	0	0	0
0.028421	0	0	0	0	0	0
0.023842	0	0	0	0	0	0
0.012359	0	0	0	0	0	0
0.004474	0	0	0	0	0	0
0.005926	0	0	0	0	0	0
0.004774	0	0	0	0	0	0
0.014719	0	0	0	0	0	0
0.005359	0	0	0	0	0	0
0.017689	0	0	0	0	0	0
0.030742	0	0	0	0	0	0
0.030429	0	0	0	0	0	0
0.018674	0	0	0	0	0	0
0.018077	0	0	0	0	0	0
0.008877	0	0	0	0	0	0
0.054136	0	0	0	0	0	0
0.016406	0	0	0	0	0	0
0.026066	0	0	0	0	0	0
0.012044	0	0	0	0	0	0
0.012407	0	0	0	0	2	2
0.032386	0	2	0	0	0	2
0.008894	0	0	0	0	0	0
0.009863	0	0	0	0	0	0
0.016195	0	0	0	0	0	0
0.01437	0	0	0	0	0	0
0.037872	0	0	0	0	0	0
0.012785	0	0	0	0	0	0
0.02266	0	0	1	1	0	2
0.037565	0	0	0	0	0	0
0.021412	0	0	0	0	0	0
0.017501	0	0	0	0	0	0
0.008709	0	0	0	0	0	0
0.00515	0	0	0	0	0	0
0.002397	0	0	0	0	0	0
0.080144	0	0	0	0	0	0
0.004736	0	0	0	0	0	0
0.0057	0	0	0	0	0	0
0.004149	0	0	0	0	0	0
0.004718	0	0	0	0	0	0
0.006774	0	0	0	0	0	0
0.00353	0	0	0	0	0	0
0.004826	0	0	0	0	0	0
0.004227	0	0	0	0	0	0
0.040851	0	0	0	0	0	0
0.032673	0	0	0	0	0	0
0.031217	0	0	0	0	0	0
0.034986	0	0	0	0	0	0

0.025335	0	0	0	0	0	0
0.031945	0	0	0	0	0	0
0.032381	0	0	0	0	0	0
0.048919	0	0	0	0	0	0
0.046559	0	0	0	0	0	0
0.098175	0	0	0	0	0	0
0.095676	0	0	0	0	0	0
0.027044	0	0	0	0	0	0
0.070854	0	0	0	0	0	0
0.020377	0	1	0	0	0	1
0.015698	0	0	0	0	0	0
0.01231	0	0	0	0	0	0
0.009177	0	0	0	0	0	0
0.024338	0	0	0	0	0	0
0.012265	0	0	0	0	0	0
0.186326	0.05	0	0	0	0	0
0.021014	0	0	0	0	0	0
0.021966	0	0	0	0	0	0
0.021889	0	0	0	0	0	0
0.016703	0	0	0	0	0	0
0.011939	0	0	5	0	0	5
0.014891	0	0	0	0	0	0
0.010515	0	0	0	0	0	0
0.009832	0	0	0	0	0	0
0.005444	0	0	0	0	0	0
0.032707	0	0	0	0	0	0
0.087447	0	0	0	0	0	0
0.006624	0	0	0	0	0	0
0.00597	0	0	0	0	0	0
0.008361	0	0	0	0	0	0
0.006656	0	0	0	0	0	0
0.008522	0	0	0	0	0	0
0.008033	0	0	0	0	0	0
0.006416	0	0	0	0	0	0
0.005442	0	0	0	0	0	0
0.0213	0	0	0	0	0	0
0.008654	0	0	0	0	0	0
0.007554	0	0	0	0	0	0
0.14237	0	0	0	0	0	0
0.033465	0	0	0	0	0	0
0.005137	0	0	0	0	0	0
0.006161	0	0	0	0	0	0
0.007939	0	0	0	0	0	0
0.005523	0	0	0	0	0	0
0.00632	0	0	0	0	0	0
0.01184	0	0	0	0	0	0
0.01293	0	0	0	0	0	0
0.005591	0	0	0	0	0	0
0.015361	0	0	0	0	0	0
0.015092	0	0	0	0	0	0



0.013022	0	0	0	0	0	0
0.036983	0	0	0	0	0	0
0.037162	0	0	0	0	0	0
0.0057	0	0	0	0	0	0
0.01146	0	0	0	0	0	0
0.011727	0	0	0	0	0	0
0.008609	0	0	0	0	0	0
0.007471	0	0	0	0	0	0
0.008868	0	0	0	0	0	0
0.007425	0	0	0	0	0	0
0.00538	0	0	0	0	0	0
0.009611	0	0	0	0	0	0
0.006894	0	0	0	0	0	0
0.004259	0	0	0	0	0	0
0.005605	0	0	0	0	0	0
0.015204	0	0	0	0	0	0
0.140956	0	0	0	0	0	0
0.061191	0	0	0	0	0	0
0.051531	0	0	0	0	0	0
0.049566	0	0	0	0	0	0
0.069732	0	0	0	0	0	0
0.010497	0	0	0	0	0	0
0.007376	0	0	0	0	0	0
0.016015	0	0	0	0	0	0
0.034833	0	0	0	0	0	0
0.006244	0	0	0	0	0	0
0.018918	0	0	0	0	0	0
0.007691	0	0	0	0	0	0
0.012992	0	0	0	0	0	0
0.017886	0	0	0	0	4	4
0.011302	0	4	0	0	0	4
0.03595	0	0	0	0	0	0
0.044557	0	0	0	0	0	0
0.028386	0	0	0	0	0	0
0.028872	0	0	0	0	0	0
0.011361	0	0	0	0	0	0
0.017847	0	0	0	0	0	0
0.012488	0	0	0	0	0	0
0.013001	0	0	0	0	0	0
0.046372	0	0	0	0	0	0
0.021736	0	0	0	0	0	0
0.033138	0	0	0	0	0	0
0.576347	0	0	0	0	0	0
0.044943	0	0	0	0	0	0
0.064226	0	0	0	0	0	0
0.981512	0.02	0	0	0	0	0
0.453631	0	0	0	0	0	0
0.669515	0	0	0	0	0	0
0.088751	0	0	0	0	0	0
0.002875	0	0	0	0	0	0

0.0065	0	0	0	0	0	0
0.013295	0	0	0	0	0	0
0.007202	0	0	0	0	0	0
0.002811	0	0	0	0	0	0
0.002361	0	0	0	0	0	0
0.003717	0	0	0	0	0	0
0.060733	0	0	0	0	0	0
0.024145	0	0	0	0	0	0
0.002909	0	0	0	0	0	0
0.015224	0	0	0	0	0	0
0.004485	0	0	0	0	0	0
0.002649	0	0	0	0	0	0
0.005564	0	0	0	0	0	0
0.004028	0	0	0	0	0	0
0.003461	0	0	0	0	0	0
0.002486	0	0	0	0	0	0
0.028091	0	0	0	0	0	0
0.027422	0	0	0	0	0	0
0.035643	0	0	0	0	0	0
0.014881	0	0	0	0	0	0
0.006598	0	0	0	0	0	0
0.007692	0	0	0	0	0	0
0.004526	0	0	0	0	0	0
0.006619	0	0	0	0	0	0
0.112983	0.01	0	0	0	0	0
0.005402	0	0	0	0	0	0
0.005135	0	0	0	0	0	0
0.008492	0	0	0	0	0	0
0.011556	0	0	0	0	0	0
0.007261	0	0	0	0	5	5
0.002743	0	5	0	0	0	5
0.014737	0	0	0	0	0	0
0.019399	0	0	0	0	0	0
0.00689	0	0	0	0	0	0
0.006242	0	0	0	0	0	0
0.005279	0	0	0	0	0	0
0.015022	0	0	0	0	0	0
0.016288	0	0	0	0	0	0
0.012121	0	0	0	0	0	0
0.025495	0	0	0	0	0	0
0.061459	0	0	0	0	0	0
0.031174	0	0	0	0	0	0
0.058324	0	0	0	0	0	0
0.013107	0	0	0	0	0	0
0.021954	0	0	0	0	0	0
0.02073	0	0	0	0	0	0
0.010522	0	0	0	0	0	0
0.010792	0	0	0	0	0	0
0.006954	0	0	0	0	0	0
0.014856	0	0	0	0	0	0

0.027381	0	0	0	0	0	0
0.049137	0	0	0	0	0	0
0.083533	0	0	0	0	0	0
0.068189	0	0	0	0	0	0
0.035606	0	0	0	0	0	0
0.039503	0	0	0	0	0	0
0.012035	0	0	0	0	0	0
0.036198	0	0	0	0	0	0
0.013595	0	0	0	0	0	0
0.032471	0	0	0	0	0	0
0.039305	0	0	0	0	0	0
0.032286	0	0	0	0	0	0
0.005657	0	0	0	0	0	0
0.007171	0	0	0	0	0	0
0.006131	0	0	0	0	0	0
0.004024	0	0	0	0	0	0
0.057169	0	0	0	0	0	0
0.004913	0	0	0	0	0	0
0.004779	0	0	0	0	0	0
0.003238	0	0	0	0	0	0
0.002243	0	0	0	0	0	0
0.017549	0	0	0	0	0	0
0.001928	0	0	0	0	0	0
0.003221	0	0	0	0	0	0
0.006931	0	0	0	0	0	0
0.009837	0	0	0	0	0	0
0.020098	0	0	0	0	0	0
0.009651	0	0	0	0	0	0
0.006744	0	0	0	0	0	0
0.091888	0	0	0	0	0	0
0.009158	0	0	0	0	0	0
0.006169	0	0	0	0	0	0
0.074053	0	0	0	0	0	0
0.011901	0	0	0	0	0	0
0.034397	0	0	0	0	0	0
0.024157	0	0	0	0	0	0
0.007794	0	0	0	0	0	0
0.024801	0	0	0	0	0	0
0.013286	0	0	0	0	0	0
0.010138	0	0	0	0	0	0
0.009789	0	0	0	0	0	0
0.040137	0	0	0	0	0	0
0.045354	0	0	0	0	0	0
0.019284	0	0	0	0	0	0
0.176828	0	0	4	4	0	8
0.088962	0	0	0	0	0	0
0.050566	0	0	0	0	0	0
0.027164	0	0	0	0	0	0
0.06839	0	0	0	0	0	0
0.009315	0	0	0	0	0	0

0.138705	0	0	4	0	0	4
0.503389	0	0	5	0	0	5
0.10962	0	0	0	0	0	0
0.175436	0	0	0	0	0	0
0.005269	0	0	0	0	0	0
0.00554	0	0	0	0	0	0
0.009745	0	0	0	0	0	0
0.010395	0	0	0	0	0	0
0.013867	0	0	0	0	0	0
0.012982	0	0	0	0	0	0
0.004961	0	0	0	0	0	0
0.009146	0	0	0	0	0	0
0.012487	0	0	0	0	0	0
0.01143	0	0	0	0	0	0
0.010019	0	0	0	0	0	0
0.014163	0	0	0	0	0	0
0.008711	0	0	0	0	0	0
0.010846	0	0	0	0	0	0
0.021275	0	0	0	0	0	0
0.032774	0	0	0	0	0	0
0.012292	0	0	0	0	0	0
0.017972	0	0	0	0	0	0
0.013121	0	0	0	0	0	0
0.007421	0	0	0	0	0	0
0.766117	0.21	0	0	0	0	0
0.041093	0	0	0	0	0	0
0.039995	0	0	0	0	0	0
0.059223	0	0	0	0	0	0
0.037152	0	0	0	0	0	0
0.207777	0	0	0	0	0	0
0.151792	0	0	0	0	0	0
0.074332	0	0	0	0	0	0
0.028883	0	0	0	0	0	0
0.029883	0	0	0	0	0	0
0.022394	0	0	0	0	0	0
0.009035	0	0	0	0	0	0
0.006216	0	0	0	0	0	0
0.009376	0	0	0	0	0	0
0.020279	0	0	0	0	0	0
0.244821	0	0	0	0	0	0
0.141676	0.03	0	0	0	0	0
0.070171	0	0	0	0	0	0
0.070267	0.46	3	0	0	0	3
0.022304	0	0	0	0	0	0
0.014997	0	0	0	0	0	0
0.013321	0	0	0	0	0	0
0.018719	0	0	0	0	0	0
0.037134	0	0	0	0	0	0
0.016747	0	0	0	0	0	0
0.021739	0	0	0	0	0	0

0.034177	0	0	0	0	0	0
0.069384	0	0	0	0	0	0
0.772285	0.09	0	0	0	0	0
0.184105	0	0	0	0	0	0
0.277857	0	0	0	0	0	0
0.191593	0	0	0	0	0	0
0.01308	0	0	0	0	0	0
0.023496	0	0	0	0	0	0
0.152911	0	0	0	0	0	0
0.041597	0	0	0	0	0	0
0.028303	0	0	0	0	0	0
0.037219	0	0	0	0	0	0
0.009125	0	0	0	0	0	0
0.012752	0	0	0	0	0	0
0.004132	0	0	0	0	0	0
0.008662	0	0	0	0	0	0
0.003272	0	0	0	0	0	0
0.004534	0	0	0	0	0	0
0.03087	0	0	0	0	0	0
0.03834	0	0	0	0	0	0
0.050531	0	0	0	0	0	0
0.041823	0	0	0	0	0	0
0.024753	0	0	0	0	0	0
0.048056	0	0	0	0	0	0
0.027857	0	0	0	0	0	0
0.01253	0	0	0	0	0	0
0.056054	0	0	0	0	0	0
0.084571	0	0	0	0	0	0
0.071432	0	0	0	0	0	0
0.070245	0	0	0	0	0	0
0.050787	0	0	0	0	0	0
0.07629	0	0	0	0	0	0
0.094465	0	0	0	0	0	0
0.501415	0.27	0	0	0	0	0
0.032137	0	0	0	0	0	0
0.511001	0.28	0	0	0	0	0
0.008639	0	0	0	0	0	0
0.061431	0	0	0	0	0	0
0.027284	0	0	0	0	0	0
0.022657	0	0	0	0	0	0
0.029928	0	0	0	0	0	0
0.042235	0	0	0	0	0	0
0.110363	0	0	0	0	0	0
0.0452	0	0	0	0	0	0
0.024262	0	0	0	0	0	0
0.069189	0	0	0	0	0	0
0.074234	0	0	0	0	0	0
0.040309	0	0	0	0	0	0
0.05296	0	0	0	0	0	0
0.106384	0	0	0	0	0	0

0.035679	0	0	0	0	0	0
0.36243	0	0	0	0	0	0
0.055867	0	0	0	0	0	0
0.070414	0	0	0	0	0	0
0.140261	0.05	0	0	0	0	0
0.084048	0	0	0	0	0	0
0.03894	0	0	0	0	0	0
0.045411	0	0	0	0	0	0
0.072042	0	0	0	0	0	0
0.000111	0	0	0	0	0	0
0.021908	0.02	0	0	0	0	0
0.000215	0	0	0	0	5	5
0.000097	0	5	0	0	0	5
0.000417	0	0	0	0	0	0
0.000855	0	0	0	0	0	0
0.000603	0	0	0	0	0	0
0.000927	0	0	0	0	0	0
0.000898	0	0	0	0	0	0
0.001029	0	0	0	0	0	0
0.013068	0	0	0	0	0	0
0.003217	0	0	0	0	0	0
0.001852	0	0	0	0	0	0
0.001385	0	0	0	0	0	0
0.009052	0	0	0	0	0	0
0.001218	0	0	0	0	0	0
0.001294	0	0	0	0	0	0
0.001485	0	0	0	0	0	0
0.001751	0	0	0	0	0	0
0.000661	0	0	0	0	0	0
0.004469	0	0	0	0	0	0
0.000969	0	0	0	0	0	0
0.000353	0	0	0	0	0	0
0.002911	0	0	0	0	0	0
0.01808	0	0	0	0	0	0
0.156251	0	0	0	0	0	0
0.039047	0	0	5	5	0	10
0.02685	0	0	0	0	0	0
0.071254	0	0	0	0	0	0
0.040732	0	0	0	0	0	0
0.097463	0	0	0	0	0	0
0.043443	0	0	0	0	0	0
0.003162	0	0	0	0	0	0
0.005495	0	0	0	0	0	0
0.049546	0	0	0	0	0	0
0.035992	0	0	0	0	0	0
0.032495	0	0	0	0	0	0
0.028118	0	0	0	0	0	0
0.02894	0	0	0	0	0	0
0.061003	0	0	0	0	0	0
0.048328	0	0	0	0	0	0

0.012161	0	0	0	0	0	0
0.005363	0	0	0	0	0	0
0.011591	0	0	0	0	0	0
0.013273	0	0	0	0	0	0
0.003921	0	0	0	0	0	0
0.00389	0	0	0	0	0	0
0.011007	0	0	0	0	0	0
0.009804	0	0	0	0	0	0
0.010663	0	0	0	0	0	0
0.007746	0	0	0	0	0	0
0.010665	0	0	0	0	0	0
0.003999	0	0	0	0	0	0
0.005914	0	0	0	0	0	0
0.009563	0	0	0	0	0	0
0.007869	0	0	0	0	0	0
0.013392	0	0	0	0	0	0
0.008991	0	0	0	0	0	0
0.019269	0	0	0	0	0	0
0.010631	0	0	0	0	0	0
0.015623	0	0	0	0	0	0
0.010183	0	0	0	0	0	0
0.005154	0	0	0	0	0	0
0.043003	0	0	0	0	0	0
0.005043	0	0	0	0	0	0
0.004047	0	0	0	0	0	0
0.002251	0	0	0	0	0	0
0.076371	0	0	0	0	0	0
0.047241	0	0	0	0	0	0
0.050529	0	0	0	0	0	0
0.053735	0	0	0	0	0	0
0.06185	0	0	0	0	0	0
0.062121	0	0	0	0	0	0
0.143402	0	0	0	0	0	0
0.047262	0	0	0	0	0	0
0.060556	0	0	0	0	0	0
0.040291	0	0	0	0	0	0
0.042737	0	0	0	0	0	0
0.044252	0	0	0	0	0	0
0.050294	0	0	0	0	0	0
0.045524	0	0	0	0	0	0
0.04222	0	0	0	0	0	0
0.034039	0	0	0	0	2	2
0.088553	0	0	0	0	0	0
0.434944	0.15	0	0	0	0	0
0.110353	0	0	0	0	0	0
0.044526	0	0	0	0	0	0
0.062422	0	0	0	0	0	0
0.061928	0	0	0	0	0	0
0.06402	0	0	0	0	0	0
0.007429	0	0	0	0	0	0

0.069392	0	0	0	0	0	0
0.961694	0	0	0	0	0	0
0.021591	0	0	0	0	0	0
0.008009	0	0	0	0	0	0
0.106277	0	0	0	0	0	0
0.139443	0	0	0	0	0	0
0.155011	0	0	0	0	0	0
0.051479	0	0	0	0	0	0
0.043453	0	0	0	0	0	0
0.232174	0	0	0	0	0	0
0.028438	0	0	0	0	0	0
0.048226	0	0	0	0	0	0
0.057813	0	0	0	0	0	0
0.139316	0	0	0	0	0	0
0.189268	0	0	0	0	0	0
0.01431	0	0	0	0	0	0
0.049921	0	0	0	0	0	0
0.065219	0	0	0	0	0	0
0.037696	0	0	0	0	0	0
0.011207	0	0	0	0	0	0
0.059348	0	0	0	0	0	0
0.014508	0	0	0	0	0	0
0.02157	0	0	0	0	0	0
0.015442	0	0	0	0	0	0
0.008351	0	0	0	0	0	0
0.008059	0	0	0	0	0	0
0.007341	0	0	0	0	0	0
0.00718	0	0	0	0	0	0
0.006083	0	0	0	0	0	0
0.006892	0	0	0	0	0	0
0.007563	0	0	0	0	0	0
0.005687	0	0	0	0	0	0
0.003111	0	0	0	0	0	0
0.005068	0	0	0	0	0	0
0.074606	0.02	0	0	0	0	0
0.026171	0	0	0	0	0	0
0.020025	0	0	0	0	0	0
0.016959	0	0	0	0	0	0
0.06974	0	0	0	0	0	0
0.04931	0	0	0	0	0	0
0.028946	0	0	0	0	0	0
0.057014	0.05	0	0	0	0	0
0.014297	0	0	0	0	0	0
0.026656	0	0	0	0	0	0
0.009407	0	0	0	0	0	0
0.041566	0	0	0	6	1	7
0.030815	0	1	0	0	0	1
0.050413	0	0	0	0	3	3
0.003027	0	0	0	0	0	0
0.001623	0	0	0	0	0	0



0.000771	0	0	0	0	0	0
0.000656	0	0	0	0	0	0
0.004411	0	0	0	0	0	0
0.000714	0	0	0	0	0	0
0.001059	0	0	0	0	0	0
0.000402	0	0	0	0	0	0
0.008702	0	0	0	0	0	0
0.010683	0	0	0	0	0	0
0.015842	0	0	0	0	0	0
0.030058	0	0	0	0	0	0
0.009978	0	0	0	0	0	0
0.007156	0	0	0	0	0	0
0.009121	0	0	0	0	0	0
0.013871	0	0	0	0	0	0
0.009364	0	0	0	0	0	0
0.025962	0	0	0	0	0	0
0.008037	0	0	0	0	0	0
0.021731	0	0	0	0	0	0
0.013125	0	0	0	0	0	0
0.025779	0	0	0	0	0	0
0.043325	0	0	0	0	0	0
0.025291	0	0	0	0	0	0
0.022812	0	0	0	0	0	0
0.009898	0	0	0	0	0	0
0.238266	0.03	0	0	0	0	0
0.035535	0	0	0	0	0	0
0.029483	0	0	0	0	4	4
0.017492	0	4	0	0	0	4
0.01877	0	0	0	0	0	0
0.028303	0	0	0	0	0	0
0.057093	0	0	0	0	0	0
0.068225	0	0	0	0	0	0
0.021189	0	0	0	0	0	0
0.024152	0	0	0	0	0	0
0.023174	0	0	0	0	0	0
0.051147	0	0	0	0	0	0
0.069746	0	0	0	0	0	0
0.060901	0	0	0	0	0	0
0.053767	0	0	0	0	0	0
0.042496	0	0	0	0	0	0
0.05372	0	0	0	0	0	0
0.042848	0	0	0	0	0	0
0.043784	0	0	0	0	0	0
0.114785	0	0	0	3	0	3
0.032779	0	0	0	0	0	0
0.004802	0	0	0	0	0	0
0.003446	0	0	0	0	0	0
0.001467	0	0	0	0	0	0
0.000692	0	0	0	0	0	0
0.00076	0	0	0	0	0	0

0.005289	0	0	0	0	0	0
0.004444	0.01	0	0	0	0	0
0.004632	0	0	0	0	0	0
0.001007	0	0	0	7	0	7
0.001105	0	0	0	0	0	0
0.04057	0	0	0	0	0	0
0.008121	0	0	0	0	0	0
0.011748	0	0	0	0	0	0
0.014518	0	0	0	0	0	0
0.007905	0	0	0	0	0	0
0.007361	0	0	0	0	0	0
0.006517	0	0	0	0	0	0
0.007624	0	0	0	0	0	0
0.012424	0	0	0	0	0	0
0.008745	0	0	0	0	0	0
0.053223	0	0	0	0	0	0
0.035218	0	0	0	0	0	0
0.031663	0	0	0	0	0	0
0.048318	0	0	0	0	0	0
0.081518	0	0	0	0	0	0
0.029173	0	0	0	0	0	0
0.045031	0	0	0	0	0	0
0.019604	0	0	0	0	0	0
0.04932	0	0	0	0	0	0
0.123001	0	0	0	0	0	0
0.025209	0	0	0	0	0	0
0.04053	0	0	0	0	0	0
0.016641	0	0	0	0	0	0
0.017824	0	0	0	0	0	0
0.027119	0	0	0	0	0	0
0.015074	0	0	0	0	0	0
0.024638	0	0	0	0	0	0
0.049421	0	0	0	0	0	0
0.043761	0	0	0	0	0	0
0.025065	0	0	0	0	0	0
0.020967	0	0	0	0	0	0
0.025885	0	0	0	0	0	0
0.025637	0	0	0	0	0	0
0.05374	0	0	0	0	0	0
0.033232	0	0	0	0	0	0
0.028509	0	0	0	0	0	0
0.196882	0.18	0	0	0	0	0
0.02995	0	0	0	0	0	0
0.027123	0	0	0	0	0	0
0.026292	0	0	0	0	0	0
0.062006	0	0	0	0	0	0
0.246887	0	0	0	0	0	0
0.054586	0	0	0	0	0	0
0.03428	0	0	0	0	0	0
0.028354	0	0	0	0	0	0

0.033793	0	0	0	0	0	0
0.023023	0	0	0	0	0	0
0.025688	0	0	0	0	0	0
0.186775	0	0	0	0	0	0
0.245337	0	0	0	0	0	0
0.020016	0	0	0	0	0	0
0.017023	0	0	0	0	0	0
0.038244	0	0	0	0	0	0
0.045124	0	0	0	0	0	0
0.051703	0	0	0	0	0	0
0.033505	0	0	0	0	0	0
0.042998	0	0	0	0	0	0
0.026403	0	0	0	0	0	0
0.025567	0	0	0	0	0	0
0.037494	0	0	0	0	0	0
0.054389	0	0	0	0	0	0
0.052483	0	0	0	0	0	0
0.050721	0	0	0	0	0	0
0.054194	0	0	0	0	0	0
0.038196	0	0	0	0	0	0
0.036883	0	0	0	0	0	0
0.018391	0	0	0	0	0	0
0.008196	0	0	0	0	0	0
0.042881	0	0	0	0	0	0
0.045825	0	0	0	0	0	0
0.034465	0	0	0	0	0	0
0.02064	0	0	0	0	0	0
0.030371	0	0	0	0	0	0
0.021591	0	0	0	0	0	0
0.019798	0	0	0	0	0	0
0.018491	0	0	0	0	0	0
0.020479	0	0	0	0	0	0
0.058997	0	0	0	0	0	0
0.021131	0	0	0	0	0	0
0.010622	0	0	0	0	0	0
0.011418	0	0	0	0	0	0
0.010547	0	0	0	0	0	0
0.012593	0	0	0	0	0	0
0.038064	0	0	0	0	0	0
0.015473	0	0	0	0	0	0
0.010339	0	0	0	0	0	0
0.010719	0	0	0	0	0	0
0.017924	0	0	0	0	0	0
0.02099	0	0	0	0	0	0
0.044659	0	0	0	0	0	0
0.019083	0	0	0	0	0	0
0.013758	0	0	0	0	0	0
0.013128	0	0	0	0	0	0
0.018281	0	0	0	0	0	0
0.006294	0	0	0	0	0	0

0.004999	0	0	0	0	0	0
0.024389	0	0	0	0	0	0
0.152454	0	0	0	0	0	0
0.009933	0	0	0	0	0	0
0.020977	0	0	0	0	0	0
0.016815	0	0	0	0	0	0
0.009201	0	0	0	0	0	0
0.005395	0	0	0	0	0	0
0.020813	0	0	0	0	0	0
0.003167	0	0	0	0	1	1
0.00437	0	1	0	0	0	1
0.004453	0	0	0	0	0	0
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0.003466	0	0	0	0	0	0
0.002899	0	0	0	0	0	0
0.005353	0	0	0	0	0	0
0.030491	0	0	0	0	0	0
0.046954	0	0	0	0	0	0
0.021607	0	0	0	0	0	0
0.15746	0	0	0	0	0	0
0.070565	0	0	0	0	0	0
0.070294	0	0	0	0	0	0
0.035326	0	0	0	0	0	0
0.043302	0	0	0	0	0	0
0.025399	0	0	0	0	5	5
0.045549	0	5	0	0	0	5
0.034998	0	0	0	0	0	0
0.069231	0	0	0	0	0	0
0.061562	0	0	0	0	0	0
0.039459	0	0	0	0	0	0
0.075555	0	0	0	0	0	0
0.138645	0	0	0	0	0	0
0.037286	0	0	0	0	0	0
0.083014	0	0	0	0	0	0
0.044776	0	0	0	0	0	0
0.065806	0	0	0	0	0	0
0.039417	0	0	0	0	0	0
0.054001	0	0	0	0	0	0
0.027554	0	0	0	0	0	0
0.028159	0	0	0	0	0	0
0.051565	0	0	0	0	0	0
0.06543	0	0	0	0	0	0
0.070804	0	0	0	0	0	0
0.066653	0	0	0	0	0	0
0.032331	0	0	0	0	0	0
0.061663	0	0	0	0	0	0
0.072122	0	0	0	0	0	0
0.061274	0	0	0	0	0	0
0.033887	0	0	0	0	0	0
0.085003	0	0	0	0	0	0

0.061819	0	0	0	0	0	0
0.128189	0	0	0	0	0	0
0.046276	0	0	0	0	0	0
0.17891	0	0	0	0	0	0
0.061833	0	0	0	0	0	0
0.050097	0	0	0	0	0	0
0.14192	0	0	0	0	0	0
0.093123	0	0	0	0	0	0
0.053569	0	0	0	0	0	0
0.108727	0	0	0	0	0	0
0.043758	0	0	0	0	0	0
0.037745	0	0	0	0	0	0
0.044807	0	0	0	0	0	0
0.037153	0	0	0	0	0	0
0.020483	0	0	0	0	0	0
0.026682	0	0	0	0	0	0
0.035848	0	0	0	0	0	0
0.014268	0	0	0	0	0	0
0.014667	0	0	0	0	0	0
0.014568	0	0	0	0	0	0
0.009785	0	0	0	0	0	0
0.009311	0	0	0	0	0	0
0.012248	0	0	0	0	0	0
0.01887	0	0	0	0	0	0
0.011866	0	0	0	0	0	0
0.021871	0	0	0	0	0	0
0.269214	0.05	0	0	0	0	0
0.022007	0	0	0	0	0	0
0.043303	0	0	0	0	0	0
0.020456	0	0	0	0	0	0
0.032076	0	0	0	0	0	0
0.023844	0	0	0	0	0	0
0.028765	0	0	0	0	0	0
0.031	0	0	0	0	0	0
0.037123	0	0	0	0	0	0
0.059654	0	0	0	0	0	0
0.034099	0	0	0	0	0	0
0.021544	0	0	0	0	0	0
0.032014	0	0	0	0	0	0
0.058054	0	0	0	0	0	0
0.00238	0	0	0	0	0	0
0.021671	0	0	0	0	0	0
0.000331	0	0	0	0	0	0
0.011084	0	0	0	0	0	0
0.005732	0	0	0	0	0	0
0.005765	0	0	0	0	0	0
0.008822	0	0	0	0	0	0
0.004226	0	0	0	0	0	0
0.019742	0	0	0	0	0	0
0.013477	0	0	0	0	0	0

0.018393	0	0	0	0	0	0
0.017927	0	0	0	0	0	0
0.027426	0	0	0	0	0	0
0.033652	0	0	0	0	0	0
0.053051	0	0	0	0	0	0
0.023294	0	0	0	0	0	0
0.017604	0	0	0	0	0	0
0.018971	0	0	0	0	0	0
0.008662	0	0	0	0	0	0
0.028669	0	0	0	0	0	0
0.001758	0	0	0	0	0	0
0.001306	0	0	0	0	0	0
0.018249	0	0	0	0	0	0
0.011606	0	0	0	0	0	0
0.00563	0	0	0	0	0	0
0.00326	0	0	0	0	0	0
0.048327	0	0	0	0	0	0
0.054934	0	0	0	0	0	0
0.013274	0	0	0	0	0	0
0.015829	0	0	0	0	0	0
0.023002	0	0	0	0	0	0
0.037039	0	0	0	0	0	0
0.023502	0	0	0	0	0	0
0.018912	0	0	0	0	0	0
0.015984	0	0	0	0	0	0
0.019652	0	0	0	0	0	0
0.025576	0	0	0	0	0	0
0.067821	0	0	0	0	0	0
0.045269	0	0	0	0	0	0
0.012235	0	0	0	0	0	0
0.011315	0	0	0	0	0	0
0.009298	0	0	0	0	0	0
0.019264	0	0	0	0	0	0
0.009574	0	0	0	0	0	0
0.009497	0	0	0	0	0	0
0.043411	0	0	0	0	0	0
0.035526	0	0	0	0	0	0
0.015352	0	0	0	0	0	0
0.014751	0	0	0	0	0	0
0.029664	0	0	0	0	0	0
0.019598	0	0	0	0	0	0
0.024344	0	0	0	0	0	0
0.005464	0	0	0	0	0	0
0.022342	0	0	0	0	0	0
0.057571	0	0	0	0	0	0
0.023352	0	0	0	0	0	0
0.078808	0	0	0	0	0	0
0.006472	0	0	0	0	0	0
0.0321	0	0	0	0	0	0
0.014228	0	0	0	0	0	0

0.01605	0	0	0	0	0	0
0.019396	0	0	0	0	0	0
0.008467	0	0	0	0	0	0
0.00446	0	0	0	0	0	0
0.016843	0	0	0	0	0	0
0.008194	0	0	0	0	0	0
0.007072	0	0	0	0	0	0
0.007359	0	0	0	0	0	0
0.015369	0	0	0	0	0	0
0.02326	0	0	0	0	0	0
0.008068	0	0	0	0	0	0
0.004041	0	0	0	0	0	0
0.007716	0	0	0	0	0	0
0.021098	0	0	0	0	0	0
0.012146	0	0	0	0	0	0
0.005605	0	0	0	0	0	0
0.009692	0	0	0	0	0	0
0.554474	0	0	0	0	0	0
0.004596	0	0	0	0	0	0
0.008189	0	0	0	0	0	0
0.007491	0	0	0	0	0	0
0.005806	0	0	0	0	0	0
0.004038	0	0	0	0	0	0
0.001396	0	0	0	0	0	0
0.001521	0	0	0	0	0	0
0.002299	0	0	0	0	0	0
0.005686	0	0	0	0	0	0
0.004592	0	0	0	0	0	0
0.00277	0	0	0	0	0	0
0.003013	0	0	0	0	0	0
0.003938	0	0	0	0	0	0
0.003782	0	0	0	0	0	0
0.002594	0	0	0	0	0	0
0.01451	0	0	0	0	0	0
0.002089	0	0	0	0	0	0
0.607966	0	0	0	0	0	0
0.036124	0	0	0	0	0	0
0.001764	0	0	4	0	0	4
0.17119	0	0	0	0	0	0
0.038174	0	0	0	0	0	0
0.019646	0.02	0	0	0	0	0
0.036785	0	0	0	0	0	0
0.06019	0	0	0	0	0	0
0.044447	0	0	0	0	0	0
0.181564	0	0	0	0	0	0
0.035115	0	0	0	0	0	0
0.103771	0	0	0	0	0	0
0.055896	0.06	0	0	0	0	0
0.01706	0	0	0	0	0	0
0.031662	0	0	0	0	0	0

0.024706	0.09	0	0	0	0	0
0.067846	0	0	0	0	0	0
0.011056	0	0	0	0	0	0
0.023919	0	0	0	0	0	0
0.014067	0	0	0	0	0	0
0.010984	0	0	0	0	0	0
0.018742	0	0	0	0	0	0
0.016728	0	0	0	0	0	0
0.052163	0	0	0	0	0	0
0.023919	0	0	0	0	0	0
0.05849	0	0	0	0	0	0
0.02462	0	0	0	0	0	0
0.03803	0	0	0	0	0	0
0.027085	0	0	0	0	0	0
0.036517	0	0	0	0	0	0
0.021099	0	0	0	0	0	0
0.019586	0	0	0	0	0	0
0.057044	0	0	0	0	0	0
0.057586	0	0	0	0	0	0
0.226518	0.02	0	0	0	0	0
0.005731	0	0	0	0	0	0
0.007531	0	0	0	0	0	0
0.015714	0	0	0	0	0	0
0.033846	0	0	0	0	0	0
0.034468	0	0	0	0	0	0
0.053957	0	0	0	0	0	0
0.067191	0	0	0	0	0	0
0.019183	0	0	0	0	0	0
0.024043	0	0	0	0	0	0
0.005673	0	0	0	0	0	0
0.00985	0	0	0	0	0	0
0.005412	0	0	0	0	0	0
0.008598	0	0	0	0	0	0
0.019383	0	0	0	0	0	0
0.008066	0	0	0	0	0	0
0.00668	0	0	0	0	0	0
0.007	0	0	0	0	0	0
0.00252	0	0	0	0	0	0
0.000445	0	0	0	0	0	0
0.00095	0	0	0	0	0	0
0.007483	0	0	0	0	0	0
0.002173	0	0	0	0	0	0
0.001405	0	0	0	0	0	0
0.000407	0	0	0	0	0	0
0.000357	0	0	0	0	0	0
0.000491	0	0	0	0	0	0
0.00438	0	0	2	2	0	4
0.002763	0	0	0	0	0	0
0.002486	0	0	0	0	0	0
0.003671	0	0	0	0	0	0



0.001718	0	0	0	0	0	0
0.061757	0	0	0	0	0	0
0.048821	0	0	0	0	0	0
0.026714	0	0	0	0	0	0
0.100224	0	0	0	0	0	0
0.008589	0	0	0	0	0	0
0.019709	0	0	0	0	0	0
0.015304	0	0	0	0	0	0
0.01978	0	0	0	0	0	0
0.006409	0	0	0	0	0	0
0.02805	0	0	0	0	0	0
0.01094	0	0	0	0	0	0
0.002347	0	0	0	0	0	0
0.010585	0	0	0	0	0	0
0.017638	0	0	0	0	0	0
0.028086	0	0	0	0	0	0
0.008017	0	0	0	0	0	0
0.007719	0	0	0	0	0	0
0.013348	0	0	0	0	0	0
0.262489	0	0	0	0	0	0
0.041516	0	0	0	0	0	0
0.014765	0	0	0	0	0	0
0.04119	0	0	0	0	0	0
0.016979	0	0	0	0	0	0
0.036698	0	0	0	0	0	0
0.008694	0	0	0	0	0	0
0.011112	0	0	0	0	0	0
0.000592	0	0	0	0	0	0
0.005157	0	0	0	0	0	0
0.012842	0	0	0	0	0	0
0.003556	0	0	0	0	0	0
0.003384	0	0	0	0	0	0
0.002722	0	0	0	0	0	0
0.152099	0.01	5	0	0	0	5
0.087257	0	0	0	0	0	0
0.029051	0	0	0	0	0	0
0.486074	0.06	0	0	0	0	0
0.006402	0	0	0	0	0	0
0.058969	0	0	0	6	0	6
0.01346	0	0	0	0	0	0
0.017129	0	0	0	0	0	0
0.006938	0	0	0	0	0	0
0.027978	0	0	0	0	0	0
0.222968	0.03	0	0	0	0	0
0.344173	0	0	7	11	0	18
0.026119	0	0	0	0	0	0
0.10824	0	0	0	0	0	0
0.013009	0	0	0	0	0	0
0.095817	0	0	0	0	0	0
0.184357	0	0	1	1	0	2

0.023132	0	0	0	0	0	0
0.028539	0	0	0	0	0	0
0.041653	0	0	0	0	0	0
0.097352	0	0	0	0	0	0
0.02436	0	0	0	0	0	0
0.031256	0	0	0	0	0	0
0.026976	0	0	0	0	0	0
0.0468	0	0	0	0	0	0
0.04275	0	0	0	0	0	0
0.032967	0	0	0	0	0	0
0.057242	0	0	0	0	0	0
0.054474	0	0	0	0	0	0
0.03352	0	0	0	0	0	0
0.025719	0	0	0	0	0	0
0.060474	0	0	0	0	0	0
0.007749	0	0	0	0	0	0
0.0085	0	0	0	0	0	0
0.004099	0	0	0	0	0	0
0.005837	0	0	0	0	0	0
0.003926	0	0	0	0	0	0
0.008863	0	0	0	0	0	0
0.098531	0	0	0	0	0	0
0.003392	0	0	0	0	0	0
0.003157	0	0	0	0	0	0
0.022066	0	0	0	0	0	0
0.011125	0	0	0	0	0	0
0.01676	0	0	0	0	0	0
0.004804	0	0	0	0	0	0
0.003067	0	0	0	0	0	0
0.002813	0	0	0	0	0	0
0.002789	0	0	0	0	0	0
0.008787	0	0	0	0	0	0
0.008828	0	0	0	0	0	0
0.006819	0	0	0	0	0	0
0.008973	0	0	0	0	0	0
0.011084	0	0	0	0	0	0
0.008557	0	0	0	0	0	0
0.121861	0	0	0	0	0	0
0.007059	0	0	0	0	0	0
0.025501	0	0	0	0	0	0
0.010874	0	0	0	0	0	0
0.015737	0	0	0	0	0	0
0.006238	0	0	0	0	0	0
0.008691	0	0	0	0	0	0
0.011561	0	0	0	0	0	0
0.197039	0	0	0	0	0	0
0.03616	0	0	0	0	0	0
0.012597	0	0	0	0	0	0
0.028648	0	0	0	0	0	0
0.103289	0	0	0	0	0	0

0.040951	0	0	0	0	0	0
0.010149	0	0	0	0	0	0
0.06736	0	0	0	0	0	0
0.018371	0	0	0	0	0	0
0.017688	0	0	0	0	0	0
0.036314	0.09	0	0	0	0	0
0.018159	0	0	0	0	0	0
0.015212	0	0	0	0	0	0
0.014761	0	0	0	0	0	0
0.009607	0	0	0	0	0	0
0.007616	0	0	0	0	0	0
0.039431	0	0	0	0	0	0
0.008359	0	0	0	0	0	0
0.012406	0	0	0	0	0	0
0.032374	0	0	0	0	0	0
0.004745	0	0	0	0	0	0
0.01778	0	0	0	0	4	4
0.009281	0	0	0	0	0	0
0.007266	0	0	0	0	0	0
0.007275	0	0	0	0	0	0
0.004291	0	0	0	0	0	0
0.011613	0	0	0	0	0	0
0.008075	0	0	0	0	0	0
0.008108	0	0	0	0	0	0
0.009393	0	0	0	0	0	0
0.008294	0	0	0	0	0	0
0.004338	0	0	0	0	0	0
0.002505	0	0	0	0	0	0
0.003712	0	0	0	0	0	0
0.00746	0	0	0	0	0	0
0.003232	0	0	0	0	0	0
0.018918	0	0	0	0	0	0
0.002915	0	0	0	0	0	0
0.016933	0	0	0	0	0	0
0.00778	0	0	0	0	0	0
0.011543	0	0	0	0	0	0
0.003446	0	0	0	0	0	0
0.004179	0	0	0	0	0	0
0.004514	0	0	0	0	0	0
0.005455	0	0	0	0	0	0
0.003382	0	0	0	0	0	0
0.004496	0	0	0	0	0	0
0.003452	0	0	0	0	0	0
0.003328	0	0	0	0	0	0
0.00287	0	0	0	0	0	0
0.040966	0	0	0	0	0	0
0.023307	0	0	0	0	0	0
0.030251	0	0	0	0	0	0
0.048353	0	0	0	0	0	0
0.011257	0	0	0	0	0	0

0.021145	0	0	0	0	0	0
0.014289	0	0	0	0	0	0
0.013476	0	0	0	0	0	0
0.015811	0	0	0	0	0	0
0.019818	0	0	0	0	0	0
0.013063	0	0	0	0	0	0
0.040117	0	0	0	0	0	0
0.009249	0	0	0	0	1	1
0.010154	0	1	0	0	0	1
0.008969	0	0	0	0	0	0
0.011263	0	0	0	0	0	0
0.007607	0	0	0	0	0	0
0.00572	0	0	0	0	0	0
0.005971	0	0	0	0	0	0
0.007451	0	0	0	0	0	0
0.006153	0	0	0	0	0	0
0.0139	0	0	0	0	0	0
0.032762	0	0	0	0	0	0
0.007033	0	0	0	0	0	0
0.00793	0	0	0	0	0	0
0.006582	0	0	0	0	0	0
0.008144	0	0	0	0	0	0
0.007022	0	0	0	0	0	0
0.005215	0	0	0	0	0	0
0.011755	0	0	0	0	0	0
0.003382	0	0	0	0	0	0
0.004392	0	0	0	0	0	0
0.005934	0	0	0	0	0	0
0.026907	0	0	0	0	0	0
0.004387	0	0	0	0	0	0
0.003707	0	0	0	0	0	0
0.021813	0	0	0	0	0	0
0.021539	0	0	0	0	0	0
0.02667	0	0	0	0	0	0
0.03497	0	0	0	0	0	0
0.029981	0	0	0	0	0	0
0.004105	0	0	0	0	0	0
0.062886	0	0	0	0	0	0
0.057882	0	0	0	0	0	0
0.043162	0	0	0	0	0	0
0.059005	0	0	0	0	0	0
0.0467	0	0	0	0	0	0
0.022148	0	0	0	0	0	0
0.045444	0	0	0	0	0	0
0.073029	0	0	0	0	0	0
0.089554	0	0	0	0	0	0
0.128431	0	0	0	6	0	6
0.03203	0	0	0	0	0	0
0.192092	0	0	0	0	0	0
0.06757	0	0	0	0	0	0

0.017709	0	0	0	0	0	0
0.025952	0	0	0	0	0	0
0.022864	0	0	0	0	0	0
0.033276	0	0	0	0	0	0
0.01989	0	0	0	0	0	0
0.011954	0	0	0	0	0	0
0.072513	0	0	0	0	0	0
0.056925	0	0	0	0	0	0
0.034748	0	0	0	0	0	0
0.040548	0	0	0	0	0	0
0.035459	0	0	0	0	0	0
0.024409	0	0	0	0	0	0
0.152103	0	0	0	0	0	0
0.023117	0	0	0	0	0	0
0.005813	0	0	0	0	0	0
0.166995	0	0	0	0	0	0
0.138562	0	0	0	0	0	0
0.028606	0	0	0	0	0	0
0.029581	0	0	0	0	0	0
0.037718	0	0	0	0	0	0
0.043216	0	0	0	0	0	0
0.031044	0	0	0	0	0	0
0.124096	0	0	0	0	0	0
0.123929	0	0	0	0	0	0
0.036132	0	0	0	0	0	0
0.377945	0	0	0	0	0	0
0.15923	0	0	0	0	0	0
0.067484	0	0	0	0	0	0
0.032385	0	0	0	0	0	0
0.009936	0	0	0	0	0	0
0.004138	0	0	0	0	0	0
0.002121	0	0	0	0	0	0
0.002363	0	0	0	0	0	0
0.002729	0	0	0	0	0	0
0.002611	0	0	0	0	0	0
0.003529	0	0	0	0	0	0
0.036416	0	0	0	0	0	0
0.063918	0	0	0	0	0	0
0.160413	0	0	0	0	0	0
0.040111	0	0	0	0	0	0
0.121004	0	0	0	0	0	0
0.032466	0	0	0	0	0	0
0.019885	0	0	0	0	0	0
0.457571	0	0	0	0	0	0
0.953643	0	0	0	0	0	0
0.01422	0	0	0	0	0	0
0.011524	0	0	0	0	0	0
0.078324	0	0	0	0	0	0
0.195959	0	0	0	0	0	0
0.004667	0	0	0	0	0	0

0.828798	0.27	0	0	0	0	0
0.076157	0	0	0	0	0	0
0.020644	0	0	0	0	0	0
0.012897	0	0	0	0	0	0
0.008746	0	0	0	0	0	0
0.011547	0	0	0	0	0	0
0.00889	0	0	0	0	0	0
0.015927	0	0	0	0	0	0
0.011666	0	0	0	0	0	0
0.032261	0.05	0	0	0	0	0
0.020272	0	0	0	0	0	0
0.014526	0	0	0	0	0	0
0.017259	0	0	0	0	0	0
0.033416	0	0	0	0	0	0
0.086439	0	0	0	0	0	0
0.420432	0	0	0	0	0	0
0.002124	0	0	0	0	0	0
0.001979	0	0	0	0	0	0
0.0045	0	0	0	0	0	0
0.00209	0	0	0	0	0	0
0.601078	0.17	0	0	0	0	0
0.035152	0	0	0	0	0	0
0.019454	0	0	0	0	0	0
0.006399	0	0	0	0	0	0
0.000604	0	0	0	0	0	0
0.00068	0	0	0	0	0	0
0.001591	0	0	0	0	0	0
0.000618	0	0	0	0	0	0
0.000262	0	0	0	0	0	0
0.000687	0	0	0	0	0	0
0.004739	0	0	0	0	0	0
0.006545	0	0	0	0	0	0
0.001951	0	0	0	0	0	0
0.013586	0	0	0	0	2	2
0.01151	0	2	0	0	0	2
0.012203	0	0	0	0	0	0
0.575009	0.12	0	0	0	0	0
0.749845	0	0	0	0	0	0
0.584548	0.12	0	0	0	0	0
0.517335	0.13	0	0	0	0	0
0.437994	0.21	0	0	0	0	0
0.354039	0.23	0	0	0	0	0
0.050207	0	0	0	0	0	0
0.056538	0	0	0	0	0	0
0.06628	0	0	0	0	0	0
0.099848	0	0	0	0	0	0
0.009956	0	0	0	0	0	0
0.085064	0	0	0	0	0	0
0.016788	0	0	0	0	0	0
0.006313	0	0	0	0	0	0

0.011538	0	0	0	0	0	0
0.011839	0	0	0	0	0	0
0.012293	0	0	0	0	0	0
0.035616	0	0	0	0	0	0
0.006728	0	0	0	0	0	0
0.006116	0	0	0	0	0	0
0.039341	0	0	0	0	0	0
0.046174	0	0	0	0	0	0
0.110621	0	0	0	0	0	0
0.027892	0	0	0	0	0	0
0.023743	0	0	0	0	0	0
0.017227	0	0	0	0	0	0
0.081031	0	0	0	0	0	0
0.089943	0	0	0	0	0	0
0.08727	0	0	0	0	0	0
0.097162	0	0	0	0	0	0
0.078152	0	0	0	0	1	1
0.003693	0	1	0	0	0	1
0.015991	0	0	0	0	0	0
0.002532	0	0	0	0	0	0
0.011849	0	0	0	0	0	0
0.025564	0	0	0	0	0	0
0.102962	0	0	0	0	0	0
0.030054	0	0	0	0	0	0
0.020427	0	0	0	0	0	0
0.016914	0	0	0	0	0	0
0.067478	0	0	0	0	0	0
0.01191	0	0	0	0	0	0
0.002473	0	0	0	0	0	0
0.001046	0	0	0	0	0	0
0.000763	0	0	0	0	0	0
0.00356	0	0	0	0	0	0
0.003679	0.01	0	0	0	0	0
0.001181	0	0	0	0	0	0
0.003796	0	0	0	0	0	0
0.011145	0	0	0	0	0	0
0.000259	0	0	0	0	0	0
0.000843	0	0	0	0	0	0
0.00049	0	0	0	0	0	0
0.000913	0	0	0	0	0	0
0.002291	0	0	0	0	0	0
0.001592	0	0	0	0	0	0
0.002033	0	0	0	0	0	0
0.00095	0	0	0	0	0	0
0.000439	0	0	0	0	0	0
0.000415	0	0	0	0	0	0
0.000427	0	0	0	0	0	0
0.000897	0	0	0	0	0	0
0.003214	0	0	0	0	0	0
0.006273	0	0	0	0	0	0

0.008341	0	0	0	0	0	0
0.00173	0	0	0	0	0	0
0.002001	0	0	0	0	0	0
0.003632	0	0	0	0	0	0
0.009753	0	0	0	0	0	0
0.061363	0	0	0	0	0	0
0.000314	0	0	0	0	0	0
0.000514	0	0	0	0	0	0
0.002724	0	0	0	0	0	0
0.054732	0	0	0	0	0	0
0.044347	0	0	0	0	0	0
0.06484	0	0	0	0	0	0
0.040273	0	0	0	0	0	0
0.118049	0	0	0	0	0	0
0.020537	0	0	0	0	0	0
0.01367	0	0	0	0	0	0
0.000729	0	0	0	0	0	0
0.000803	0	0	0	0	0	0
0.001105	0	0	0	0	0	0
0.001241	0	0	0	0	0	0
0.010118	0	0	0	0	0	0
0.004657	0	0	0	0	0	0
0.002449	0	0	0	0	0	0
0.002296	0	0	0	0	0	0
0.002028	0	0	0	0	0	0
0.005585	0	0	0	0	0	0
0.005706	0	0	0	0	0	0
0.002991	0	0	0	0	0	0
0.003786	0	0	0	0	0	0
0.000087	0	0	0	0	0	0
0.003304	0	0	0	0	0	0
0.001231	0	0	0	0	0	0
0.000555	0	0	0	0	0	0
0.000342	0	0	0	0	0	0
0.000353	0	0	0	0	0	0
0.000241	0	0	0	0	0	0
0.000876	0	0	0	0	0	0
0.000958	0	0	0	0	0	0
0.031881	0	0	0	0	0	0
0.054047	0	0	0	0	0	0
0.034142	0	0	0	0	0	0
0.056056	0	0	0	0	0	0
0.003987	0	0	0	0	0	0
0.061985	0	0	0	0	0	0
0.073872	0	0	0	0	0	0
0.139615	0	0	0	0	0	0
0.15517	0	0	0	0	0	0
0.103032	0	0	0	0	0	0
0.000091	0	0	0	0	0	0
0.000707	0	0	0	0	0	0



0.008215	0	0	0	0	0	0
0.001859	0	0	0	0	0	0
0.005414	0	0	0	0	0	0
0.001505	0	0	0	0	0	0
0.001854	0	0	0	0	0	0
0.001141	0	0	0	0	0	0
0.001621	0	0	0	0	0	0
0.001337	0	0	0	0	0	0
0.001164	0	0	0	0	0	0
0.001137	0	0	0	0	0	0
0.004295	0	0	0	0	0	0
0.002224	0	0	0	0	0	0
0.001856	0	0	0	0	0	0
0.002563	0	0	0	0	0	0
0.001605	0	0	0	0	0	0
0.001524	0	0	0	0	0	0
0.001712	0	0	0	0	0	0
0.00365	0	0	0	0	0	0
0.002063	0	0	0	0	0	0
0.003693	0	0	0	0	0	0
0.007211	0	0	0	0	0	0
0.001863	0	0	0	0	0	0
0.041153	0	0	0	0	0	0
0.047412	0	0	0	0	0	0
0.166764	0	0	0	0	0	0
0.110111	0	0	0	0	0	0
0.179928	0	0	0	0	0	0
0.267624	0.02	0	0	0	0	0
0.002068	0	0	0	0	0	0
0.001807	0	0	0	0	0	0
0.001394	0	0	0	0	0	0
0.001499	0	0	0	0	0	0
0.001325	0	0	0	0	0	0
0.000802	0	0	0	0	0	0
0.001294	0	0	0	0	0	0
0.035391	0.03	0	0	0	0	0
0.010333	0	0	0	0	0	0
0.001976	0	0	0	0	0	0
0.003976	0	0	0	0	0	0
0.003069	0	0	0	0	0	0
0.003711	0	0	0	0	0	0
0.003173	0	0	0	0	0	0
0.003719	0	0	0	0	0	0
0.002398	0	0	0	0	0	0
0.001506	0	0	0	0	0	0
0.014904	0.01	0	0	0	0	0
0.00248	0	0	0	0	0	0
0.003309	0.02	0	0	0	0	0
0.004631	0	0	0	0	0	0
0.000631	0	0	0	0	0	0

0.002137	0	0	0	0	0	0
0.002627	0	0	0	0	0	0
0.002227	0	0	0	0	0	0
0.001509	0	0	0	0	0	0
0.003814	0	0	0	0	0	0
0.000878	0	0	0	0	0	0
0.0024	0	0	0	0	0	0
0.031706	0	0	0	0	0	0
0.018845	0	0	0	0	0	0
0.003911	0	0	0	0	0	0
0.00313	0	0	0	0	0	0
0.00182	0	0	0	0	0	0
0.003216	0	0	0	0	0	0
0.001985	0	0	0	0	0	0
0.000952	0	0	0	0	0	0
0.001381	0	0	0	0	0	0
0.002947	0	0	0	0	0	0
0.00247	0	0	0	0	0	0
0.001066	0	0	0	0	0	0
0.002868	0	0	0	0	0	0
0.006364	0	0	0	0	0	0
0.004331	0	0	0	0	0	0
0.003987	0	0	0	0	0	0
0.003035	0	0	0	0	0	0
0.001837	0	0	0	0	0	0
0.001766	0	0	0	0	0	0
0.001939	0	0	0	0	0	0
0.004192	0	0	0	0	0	0
0.001605	0	0	0	0	0	0
0.001567	0	0	0	0	0	0
0.001999	0	0	0	0	0	0
0.001564	0	0	0	0	0	0
0.001665	0	0	0	0	0	0
0.002378	0	0	0	0	0	0
0.005424	0	0	0	0	0	0
0.005466	0	0	0	0	0	0
0.004454	0	0	0	0	0	0
0.015953	0	0	0	0	0	0
0.008802	0	0	0	0	0	0
0.00393	0	0	0	0	0	0
0.001715	0	0	0	0	0	0
0.000886	0	0	0	0	0	0
0.000771	0	0	0	0	0	0
0.00082	0	0	0	0	0	0
0.000921	0	0	0	0	0	0
0.001067	0	0	0	0	0	0
0.004959	0	0	0	0	0	0
0.009983	0.01	0	0	0	0	0
0.003232	0	0	0	0	0	0
0.003275	0.01	0	0	0	0	0

0.014549	0	0	0	0	0	0
0.025865	0	0	0	0	0	0
0.001544	0	0	0	0	0	0
0.003451	0	0	0	0	0	0
0.002187	0	0	0	0	0	0
0.00091	0	0	0	0	0	0
0.004147	0	0	0	0	0	0
0.004368	0.01	0	0	0	0	0
0.003883	0	0	0	0	0	0
0.001642	0	0	0	0	0	0
0.005478	0	0	0	0	0	0
0.003246	0	0	0	0	0	0
0.002221	0	0	0	0	0	0
0.009202	0	0	0	0	0	0
0.007682	0	0	0	0	0	0
0.00255	0	0	0	0	0	0
0.001013	0	0	0	0	0	0
0.001742	0	0	0	0	0	0
0.009973	0	0	0	0	0	0
0.001049	0	0	0	0	0	0
0.00217	0	0	0	0	0	0
0.001707	0	0	0	0	0	0
0.001924	0	0	0	0	0	0
0.000439	0	0	0	0	0	0
0.001074	0	0	0	0	0	0
0.000283	0	0	0	0	0	0
0.000065	0	0	0	0	0	0
0.003385	0	0	0	0	0	0
0.011313	0	0	0	0	0	0
0.009095	0	0	0	0	0	0
0.000816	0	0	0	0	0	0
0.002103	0	0	0	6	0	6
0.001168	0	0	0	0	0	0
0.056759	0	0	0	0	0	0
0.012224	0.01	0	0	0	0	0
0.003082	0	0	0	0	0	0
0.001117	0	0	0	0	0	0
0.01234	0	0	0	0	0	0
0.002749	0	0	0	0	0	0
0.003614	0	0	0	0	0	0
0.006229	0	0	0	0	0	0
0.005201	0	0	0	0	0	0
0.005032	0	0	0	0	0	0
0.004481	0	0	0	0	0	0
0.117965	0	0	0	0	0	0
0.008311	0	0	0	0	0	0
0.030401	0	0	0	0	0	0
0.006674	0	0	0	0	0	0
0.016681	0	0	0	0	0	0
0.015328	0	0	0	0	0	0

0.008834	0	0	0	0	0	0
0.012579	0	0	0	0	0	0
0.01329	0	0	0	0	0	0
0.008908	0	0	0	0	0	0
0.002539	0	0	0	0	0	0
0.005859	0	0	0	0	0	0
0.01314	0	0	0	0	0	0
0.022029	0	0	0	0	0	0
0.003757	0	0	0	0	0	0
0.001532	0	0	0	0	0	0
0.001916	0	0	0	0	0	0
0.004771	0	0	0	0	0	0
0.001862	0	0	0	0	0	0
0.00272	0	0	0	0	0	0
0.003735	0	0	0	0	0	0
0.003172	0.02	0	0	0	0	0
0.004365	0.01	0	0	0	0	0
0.003986	0	0	0	0	0	0
0.015327	0.02	0	0	0	0	0
0.000984	0	0	0	0	0	0
0.00092	0	0	0	0	0	0
0.003604	0	0	0	0	0	0
0.008174	0.01	0	0	0	0	0
0.003804	0	0	0	0	0	0
0.004785	0	0	0	0	0	0
0.004608	0	0	0	0	0	0
0.00355	0	0	0	0	0	0
0.017312	0	0	0	0	0	0
0.009112	0	0	0	0	0	0
0.015565	0	0	0	0	0	0
0.001037	0	0	0	0	0	0
0.007451	0	0	0	0	0	0
0.007953	0	0	0	0	0	0
0.002948	0	0	0	0	0	0
0.004993	0	0	0	0	0	0
0.003855	0	0	0	0	0	0
0.004777	0	0	0	0	0	0
0.001716	0	0	0	0	0	0
0.005698	0	0	0	0	0	0
0.002396	0	0	0	0	0	0
0.004314	0	0	0	0	0	0
0.002603	0	0	0	0	0	0
0.003144	0	0	0	0	0	0
0.004913	0	0	0	0	0	0
0.004989	0	0	0	0	0	0
0.002259	0	0	0	0	0	0
0.003896	0	0	0	0	0	0
0.005308	0	0	0	0	0	0
0.295707	0.17	0	0	0	0	0
0.005617	0	0	0	0	0	0

0.006569	0	0	0	0	0	0
0.005474	0	0	0	0	0	0
0.007085	0	0	0	0	0	0
0.007056	0	0	0	0	0	0
0.007117	0	0	0	0	0	0
0.00535	0	0	0	0	0	0
0.004192	0	0	0	0	0	0
0.006234	0	0	0	0	0	0
0.003087	0	0	0	0	0	0
0.009026	0	0	0	0	0	0
0.012757	0	0	0	0	0	0
0.006841	0	0	0	0	0	0
0.005571	0	0	0	0	0	0
0.005012	0	0	0	0	0	0
0.007659	0	0	0	0	0	0
0.004155	0	0	0	0	0	0
0.003153	0	0	0	0	0	0
0.002778	0	0	0	0	0	0
0.002992	0	0	0	0	0	0
0.005549	0	0	0	0	0	0
0.003222	0	0	0	0	0	0
0.002494	0	0	0	0	0	0
0.002107	0	0	0	0	0	0
0.003081	0	0	0	0	0	0
0.0023	0	0	0	0	0	0
0.003033	0	0	0	0	0	0
0.001785	0	0	0	0	0	0
0.002028	0	0	0	0	0	0
0.002294	0	0	0	0	0	0
0.001614	0	0	0	0	4	4
0.004731	0	0	0	0	0	0
0.003337	0	4	0	0	0	4
0.004021	0	0	0	0	0	0
0.002302	0	0	0	0	0	0
0.027322	0	0	0	0	0	0
0.008473	0	0	0	0	0	0
0.002233	0	0	0	0	0	0
0.023678	0	0	0	0	0	0
0.010037	0	0	0	0	0	0
0.003455	0	0	0	0	0	0
0.002974	0	0	0	0	0	0
0.192845	0.11	0	0	0	0	0
0.051579	0.02	0	0	0	0	0
0.003866	0	0	2	0	0	2
0.002881	0	0	0	0	0	0
0.002916	0	0	0	0	0	0
0.007169	0	0	0	0	0	0
0.004841	0	0	0	0	0	0
0.003426	0	0	0	0	0	0
0.036908	0	0	0	0	0	0

0.013203	0	0	0	0	0	0
0.009591	0	0	0	0	0	0
0.016304	0	0	0	0	0	0
0.013263	0	0	0	0	0	0
0.023047	0	0	0	0	0	0
0.024282	0	0	0	0	0	0
0.009591	0	0	0	0	0	0
0.051418	0	0	0	0	0	0
0.004929	0	0	0	0	0	0
0.004984	0	0	0	0	0	0
0.006598	0	0	0	0	0	0
0.041645	0	0	0	0	0	0
0.013524	0	0	0	0	0	0
0.010791	0	0	0	0	0	0
0.015745	0	0	0	0	0	0
0.027234	0	0	0	0	0	0
0.006459	0	0	0	0	0	0
0.007041	0	0	0	0	0	0
0.00635	0	0	0	0	0	0
0.040512	0	0	0	0	0	0
0.036413	0	0	0	0	0	0
0.050474	0	0	0	0	0	0
0.050302	0	0	0	0	0	0
0.031642	0	0	0	0	0	0
0.056686	0	0	0	0	0	0
0.013456	0	0	0	0	0	0
0.013225	0	0	0	0	0	0
0.02173	0	0	0	0	0	0
0.026305	0	0	0	0	0	0
0.012397	0	0	0	0	0	0
0.010621	0.02	0	0	0	0	0
0.002172	0	0	0	0	0	0
0.011833	0.01	0	0	0	0	0
0.009418	0.02	0	0	0	0	0
0.016977	0	0	0	0	0	0
0.078779	0	0	0	0	0	0
0.035614	0	0	0	0	0	0
0.047329	0	0	0	0	0	0
0.067009	0	0	0	0	0	0
0.144694	0	0	0	0	0	0
0.042255	0	0	0	0	0	0
0.059067	0	0	0	0	0	0
0.046541	0	0	0	0	0	0
0.044771	0	0	0	0	0	0
0.043438	0	0	0	0	0	0
0.038205	0	0	0	0	0	0
0.052407	0	0	0	0	0	0
0.045971	0	0	0	0	0	0
0.022939	0	0	0	0	0	0
0.014773	0	0	0	0	0	0

0.019097	0	0	0	0	0	0
0.008811	0	0	0	0	0	0
0.01769	0	0	0	0	0	0
0.008365	0	0	0	0	0	0
0.005678	0	0	0	0	0	0
0.008131	0	0	0	0	0	0
0.044614	0	0	0	0	0	0
0.318941	0.08	0	0	0	0	0
0.0461	0	0	0	0	0	0
0.006506	0	0	0	0	0	0
0.014154	0	0	0	0	0	0
0.007375	0	0	0	0	0	0
0.033566	0	0	0	0	0	0
0.086776	0	0	0	0	0	0
0.024204	0	0	0	0	7	7
0.016219	0	7	0	0	0	7
0.156003	0	0	0	0	0	0
0.179354	0	0	3	0	0	3
0.498525	0.15	0	0	5	0	5
0.041307	0	0	0	0	0	0
0.089773	0	0	0	0	0	0
0.064621	0	0	0	0	0	0
0.059714	0	0	0	0	0	0
0.0841	0	0	0	0	0	0
0.034774	0	0	0	0	0	0
0.118106	0.01	0	0	0	0	0
0.101299	0	0	0	0	0	0
0.009698	0	0	0	0	0	0
0.009742	0	0	0	0	0	0
0.005138	0	0	0	0	0	0
0.007447	0	0	0	0	0	0
0.007997	0	0	0	0	0	0
0.004172	0	0	0	0	0	0
0.006753	0	0	0	0	0	0
0.007569	0	0	0	0	0	0
0.004273	0	0	0	0	0	0
0.002799	0	0	0	0	0	0
0.00446	0	0	0	0	0	0
0.003433	0	0	0	0	0	0
0.001716	0	0	0	0	0	0
0.027423	0	0	0	0	0	0
0.034513	0	0	0	0	0	0
0.00183	0	0	0	0	0	0
0.002674	0	0	0	0	0	0
0.00532	0	0	0	0	0	0
0.003656	0	0	0	0	0	0
0.002254	0	0	0	0	0	0
0.00414	0	0	0	0	0	0
0.016435	0	0	0	0	0	0
0.005944	0	0	0	0	0	0

0.002927	0	0	0	0	0	0
0.001402	0	0	0	0	0	0
0.006647	0	0	0	0	0	0
0.003667	0	0	0	0	0	0
0.002718	0	0	0	0	0	0
0.003586	0	0	0	0	0	0
0.007849	0	0	0	0	0	0
0.001587	0	0	0	0	0	0
0.001896	0	0	0	0	0	0
0.066849	0	0	0	0	0	0
0.055752	0	0	0	0	0	0
0.045099	0	0	0	0	0	0
0.05043	0	0	0	0	0	0
0.039593	0	0	0	0	0	0
0.146608	0	0	0	0	0	0
0.03708	0	0	0	0	0	0
0.034844	0	0	0	0	0	0
0.068993	0	0	0	0	0	0
0.063623	0	0	0	0	0	0
0.059241	0	0	0	0	0	0
0.006233	0	0	0	0	0	0
0.003827	0	0	0	0	0	0
0.009462	0	0	0	0	0	0
0.007028	0	0	0	0	0	0
0.008415	0	0	0	0	0	0
0.006445	0	0	0	0	0	0
0.00391	0	0	0	0	0	0
0.004018	0	0	0	0	0	0
0.005128	0	0	0	0	0	0
0.005686	0	0	0	0	0	0
0.004314	0	0	0	0	0	0
0.009635	0	0	0	0	0	0
0.012339	0	0	0	0	0	0
0.042595	0	0	0	0	0	0
0.008751	0	0	0	0	0	0
0.011696	0	0	0	0	0	0
0.015839	0	0	0	0	0	0
0.010348	0	0	0	0	0	0
0.016705	0	0	0	0	0	0
0.013212	0	0	0	0	0	0
0.012746	0	0	0	0	0	0
0.100672	0	0	0	0	0	0
0.014121	0	0	0	0	0	0
0.017924	0	0	0	0	0	0
0.014372	0	0	0	0	0	0
0.01494	0	0	0	0	0	0
0.004573	0	0	0	0	0	0
0.013553	0	0	0	0	0	0
0.00537	0	0	0	0	0	0
0.00274	0	0	0	0	0	0



0.00248	0	0	0	0	0	0
0.052731	0	0	0	0	0	0
0.04381	0	0	0	0	0	0
0.057138	0	0	0	0	0	0
0.047692	0.01	0	0	0	0	0
0.001607	0	0	0	0	0	0
0.000939	0	0	0	0	0	0
0.000855	0	0	0	0	0	0
0.000531	0.02	0	0	0	0	0
0.004767	0.13	0	0	0	0	0
0.994466	0	0	0	0	0	0
0.990979	0	0	0	0	0	0
0.010933	0	0	0	0	0	0
0.006855	0	0	0	0	0	0
0.010525	0	0	0	0	0	0
0.004926	0	0	0	0	0	0
0.004171	0	0	0	0	0	0
0.00536	0	0	0	0	0	0
0.04484	0	0	0	0	0	0
0.033378	0	0	0	0	0	0
0.024029	0	0	0	0	0	0
0.031562	0	0	0	0	0	0
0.027816	0	0	0	0	0	0
0.01738	0	0	0	0	0	0
0.046123	0	0	0	0	0	0
0.016319	0	0	0	0	0	0
0.028664	0	0	0	0	0	0
0.022493	0	0	0	0	0	0
0.027482	0	0	0	0	0	0
0.014421	0	0	0	0	0	0
0.012863	0	0	0	0	0	0
0.022871	0	0	0	0	0	0
0.029488	0	0	0	0	0	0
0.006839	0	0	0	0	0	0
0.016663	0	0	0	0	0	0
0.058656	0	0	0	0	0	0
0.06125	0	0	0	0	0	0
0.054221	0	0	0	0	0	0
0.045096	0	0	0	0	0	0
0.04815	0	0	0	0	0	0
0.039732	0	0	0	0	0	0
0.100057	0	0	0	0	0	0
0.022239	0	0	0	0	0	0
0.029642	0	0	0	0	0	0
0.002801	0	0	0	0	0	0
0.001547	0	0	0	0	0	0
0.002985	0	0	0	0	0	0
0.001198	0	0	0	0	0	0
0.003796	0	0	0	0	0	0
0.006039	0	0	0	0	4	4

0.00217	0	4	0	0	0	4
0.008641	0	0	0	0	0	0
0.055097	0	0	0	0	0	0
0.104428	0	0	0	0	0	0
0.051415	0	0	0	0	0	0
0.170789	0	0	0	0	0	0
0.070705	0	0	0	0	0	0
0.403943	0	0	0	0	0	0
0.055495	0	0	0	0	0	0
0.037517	0	0	0	0	0	0
0.050325	0	0	0	0	0	0
0.030724	0	0	0	0	0	0
0.038373	0	0	0	0	0	0
0.036037	0	0	0	0	0	0
0.131976	0	0	0	0	0	0
0.055625	0	0	0	0	0	0
0.057369	0	0	0	0	0	0
0.061991	0	0	0	0	0	0
0.175691	0	0	0	0	0	0
0.060489	0	0	0	0	0	0
0.049596	0	0	0	0	0	0
0.032319	0	0	0	0	0	0
0.02999	0	4	0	0	0	4
0.020573	0	0	0	0	0	0
0.011365	0	0	0	0	0	0
0.014756	0	0	0	0	0	0
0.01549	0	0	0	0	0	0
0.05809	0	0	0	0	0	0
0.017061	0	0	0	0	0	0
0.022192	0	0	0	0	0	0
0.009604	0	0	0	0	0	0
0.015594	0	0	0	0	0	0
0.015898	0	0	0	0	0	0
0.013663	0	0	0	0	0	0
0.010464	0	0	0	0	0	0
0.009404	0	0	0	0	0	0
0.007926	0	0	0	0	0	0
0.00597	0	0	0	0	0	0
0.005453	0	0	0	0	0	0
0.026362	0	0	0	0	0	0
0.011767	0	0	0	0	0	0
0.014689	0	0	0	0	0	0
0.023676	0	0	0	0	0	0
0.02243	0	0	0	0	0	0
0.019039	0	0	0	0	0	0
0.054618	0	0	0	0	0	0
0.023568	0	0	0	0	4	4
0.022365	0	0	0	0	0	0
0.00898	0	0	0	0	0	0
0.058623	0	0	0	0	0	0

0.059509	0	0	0	0	0	0
0.054514	0	0	0	0	0	0
0.041874	0	0	0	0	0	0
0.034712	0	0	0	0	0	0
0.04782	0	0	0	0	0	0
0.279648	0	0	0	0	0	0
0.044599	0	0	0	0	0	0
0.047925	0	0	0	0	0	0
0.024094	0	0	0	0	0	0
0.068106	0	0	0	0	0	0
0.052212	0	0	0	0	0	0
0.025189	0	0	0	0	0	0
0.057149	0	0	0	0	0	0
0.075671	0	0	0	0	0	0
0.110586	0	0	0	0	0	0
0.144972	0	0	0	0	0	0
0.086939	0	0	0	0	0	0
0.102565	0	0	0	0	0	0
0.054949	0	0	0	0	0	0
0.012145	0	0	0	0	0	0
0.024761	0	0	0	0	0	0
0.011009	0	0	0	0	0	0
0.024238	0.02	0	0	0	5	5
0.012752	0	5	0	0	0	5
0.003109	0	0	0	0	0	0
0.015693	0	0	0	0	0	0
0.005273	0	0	0	0	0	0
0.007386	0	0	0	0	0	0
0.020099	0	0	0	0	0	0
0.042699	0	0	0	0	0	0
0.009436	0	0	0	0	0	0
0.007691	0	0	0	0	0	0
0.012169	0	0	0	0	0	0
0.000548	0	0	0	0	0	0
0.011644	0.01	0	0	0	0	0
0.009225	0	0	0	0	0	0
0.010203	0	0	0	0	0	0
0.23327	0	0	0	0	0	0
0.049676	0	0	0	0	0	0
0.08154	0	0	0	0	0	0
0.002379	0	0	0	0	0	0
0.002512	0	0	0	0	0	0
0.007784	0	0	0	0	0	0
0.036606	0	0	0	0	0	0
0.096101	0	0	0	0	0	0
0.06936	0	0	0	0	0	0
0.029276	0	0	0	0	0	0
0.027266	0	0	0	0	0	0
0.052235	0	0	0	0	0	0
0.07224	0	0	0	0	0	0

0.030241	0	0	0	0	0	0
0.035777	0	0	0	0	0	0
0.049461	0	0	0	0	0	0
0.062073	0	0	0	0	0	0
0.046666	0	0	0	0	0	0
0.05964	0	0	0	0	0	0
0.226155	0	0	0	0	0	0
0.025841	0	0	0	0	0	0
0.023211	0	0	0	0	0	0
0.007838	0	0	0	0	0	0
0.009674	0	0	0	0	0	0
0.017823	0	0	0	0	0	0
0.008314	0	0	0	0	0	0
0.028884	0	0	0	0	0	0
0.044941	0	0	0	0	0	0
0.018833	0	0	0	0	0	0
0.04468	0	0	0	0	0	0
0.006235	0	0	0	0	0	0
0.007654	0	0	0	0	0	0
0.0021	0	0	0	0	0	0
0.002072	0	0	0	0	0	0
0.003637	0	0	0	0	0	0
0.00552	0	0	0	0	0	0
0.002266	0	0	0	0	0	0
0.006185	0	0	0	0	0	0
0.003098	0	0	0	0	0	0
0.001893	0	0	0	0	0	0
0.001594	0	0	0	0	0	0
0.012607	0	0	0	0	0	0
0.001325	0	0	0	0	0	0
0.002279	0	0	0	0	0	0
0.042388	0	0	0	0	0	0
0.008842	0	0	0	0	0	0
0.010581	0	0	0	0	0	0
0.013262	0	0	0	0	1	1
0.036677	0	1	0	0	0	1
0.006892	0	0	0	0	0	0
0.012437	0	0	0	0	0	0
0.027019	0	0	0	0	0	0
0.014215	0	0	0	0	0	0
0.006168	0	0	0	0	0	0
0.008508	0	0	0	0	0	0
0.017231	0	0	0	0	0	0
0.016459	0	0	0	0	0	0
0.013397	0	0	0	0	0	0
0.017033	0	0	0	0	0	0
0.006217	0	0	0	0	0	0
0.007498	0	0	0	0	0	0
0.050103	0	0	0	0	0	0
0.095586	0	0	0	0	0	0

0.062485	0	0	0	0	0	0
0.166941	0	0	0	0	0	0
0.02532	0	0	0	0	0	0
0.442995	0.21	0	0	0	0	0
0.00692	0	0	0	0	0	0
0.005465	0	0	0	0	0	0
0.00876	0	0	0	0	0	0
0.027887	0	0	0	0	0	0
0.047341	0	0	0	0	0	0
0.0378	0	0	0	0	0	0
0.055729	0	0	0	0	0	0
0.059036	0	0	0	0	0	0
0.0426	0	0	0	0	0	0
0.053083	0	0	0	0	0	0
0.045957	0	0	0	0	0	0
0.025506	0	0	0	0	0	0
0.077498	0	0	0	0	0	0
0.009507	0	0	0	0	0	0
0.018471	0	0	0	0	0	0
0.009563	0	0	0	0	0	0
0.012612	0	0	0	0	0	0
0.006164	0	0	0	0	0	0
0.00455	0	0	0	0	0	0
0.004689	0	0	0	0	0	0
0.084942	0.06	0	0	0	0	0
0.03496	0	0	0	0	0	0
0.050454	0	0	0	0	0	0
0.052314	0	0	0	0	0	0
0.014251	0	0	0	0	0	0
0.012096	0	0	0	0	0	0
0.008772	0	0	0	0	0	0
0.039077	0	0	0	0	0	0
0.025504	0	0	0	0	0	0
0.019562	0	0	0	0	0	0
0.077616	0	0	0	0	0	0
0.040383	0	0	0	0	0	0
0.062173	0	0	0	0	0	0
0.059459	0	0	0	0	0	0
0.02958	0	0	0	0	0	0
0.029825	0	0	0	0	0	0
0.030915	0	0	0	0	0	0
0.030189	0	0	0	0	0	0
0.013578	0	0	0	0	0	0
0.017169	0	0	0	0	0	0
0.026355	0	0	0	0	0	0
0.013715	0	0	0	0	0	0
0.008019	0	0	0	0	0	0
0.014653	0	0	0	0	0	0
0.009236	0	0	0	0	0	0
0.07594	0	0	0	0	0	0

0.0206	0	0	0	0	0	0
0.006173	0	0	0	0	0	0
0.050731	0	0	0	0	0	0
0.007957	0	0	0	0	0	0
0.029053	0	0	0	0	0	0
0.030835	0	0	0	0	0	0
0.018002	0	0	0	0	0	0
0.020393	0.03	0	0	0	0	0
0.034761	0	0	0	0	0	0
0.007709	0	0	0	0	0	0
0.036781	0	0	0	0	0	0
0.012614	0	0	0	0	0	0
0.022333	0	0	0	0	0	0
0.032417	0	0	0	0	0	0
0.057492	0	0	0	0	0	0
0.051137	0	0	0	0	0	0
0.044791	0	0	0	0	0	0
0.057915	0	0	0	0	0	0
0.05025	0	0	0	0	0	0
0.050212	0	0	0	0	0	0
0.040967	0	0	0	0	0	0
0.042096	0	0	0	0	0	0
0.06033	0	0	0	0	0	0
0.042499	0	0	0	0	0	0
0.05177	0	0	0	0	0	0
0.042481	0	0	0	0	0	0
0.094584	0	0	0	0	0	0
0.110132	0	0	0	0	0	0
0.042958	0	0	0	0	0	0
0.060386	0	0	0	0	0	0
0.050453	0	0	0	0	0	0
0.01848	0	0	0	0	0	0
0.015956	0	0	0	0	0	0
0.012677	0	0	0	0	0	0
0.017192	0	0	0	0	0	0
0.016361	0	0	0	0	0	0
0.041085	0	0	0	0	0	0
0.008688	0	0	0	0	0	0
0.010188	0	0	0	0	0	0
0.016591	0	0	0	0	0	0
0.010063	0	0	0	0	0	0
0.013708	0	0	0	0	0	0
0.00694	0	0	0	0	0	0
0.006213	0	0	0	0	0	0
0.006784	0	0	0	0	0	0
0.005178	0	0	0	0	0	0
0.005442	0	0	0	0	0	0
0.013794	0	0	0	0	0	0
0.022401	0	0	0	0	0	0
0.053509	0	0	0	0	0	0

0.066138	0	0	0	0	0	0
0.068706	0	0	0	0	0	0
0.020679	0	0	0	0	0	0
0.031357	0	0	0	0	0	0
0.025081	0	0	0	0	0	0
0.98578	0	0	0	0	0	0
0.031585	0	0	0	0	0	0
0.040144	0.02	0	0	0	0	0
0.039401	0	0	0	0	0	0
0.100816	0	0	0	0	0	0
0.039215	0	0	0	0	0	0
0.10819	0	0	0	0	0	0
0.02815	0	0	0	0	0	0
0.029061	0	0	0	0	0	0
0.05627	0	0	0	0	0	0
0.017384	0	0	0	0	0	0
0.109425	0	0	0	0	0	0
0.061327	0	0	0	0	0	0
0.025586	0	0	0	0	0	0
0.025044	0	0	0	0	0	0
0.062187	0	0	0	0	0	0
0.090054	0	0	0	0	0	0
0.038376	0	0	0	0	0	0
0.030364	0	0	0	0	0	0
0.045161	0	0	0	0	0	0
0.056072	0	0	0	0	0	0
0.035983	0	0	0	0	0	0
0.023216	0	0	0	0	0	0
0.048126	0	0	0	0	0	0
0.022527	0	0	0	0	0	0
0.036023	0	0	0	0	0	0
0.054737	0	0	0	0	0	0
0.049986	0	0	0	0	0	0
0.018077	0	0	0	0	0	0
0.010231	0	0	0	0	0	0
0.01582	0	0	0	0	0	0
0.013166	0	0	0	0	0	0
0.017107	0	0	0	0	0	0
0.010004	0	0	0	0	0	0
0.017443	0	0	0	0	0	0
0.061588	0	0	0	0	0	0
0.025326	0	0	5	0	0	5
0.016866	0	0	0	0	0	0
0.038218	0	0	0	0	0	0
0.008569	0	0	0	0	0	0
0.00489	0	0	0	0	0	0
0.063077	0	0	0	0	0	0
0.032253	0	0	0	0	0	0
0.023414	0	0	0	0	0	0
0.010483	0	0	0	0	0	0

0.014915	0	0	0	0	0	0
0.049196	0	0	0	0	0	0
0.043464	0	0	0	0	0	0
0.031084	0	0	0	0	0	0
0.018809	0	0	0	0	0	0
0.011964	0	0	0	0	0	0
0.013034	0	0	0	0	0	0
0.047941	0	0	0	0	0	0
0.023348	0	0	0	0	0	0
0.013465	0	0	0	0	0	0
0.01305	0	0	0	0	0	0
0.011939	0	0	0	0	0	0
0.042513	0	0	0	0	0	0
0.012345	0	0	0	0	0	0
0.025285	0	0	0	0	0	0
0.024903	0	0	0	0	0	0
0.009876	0	0	0	0	0	0
0.018242	0	0	0	0	0	0
0.015271	0	0	0	0	0	0
0.01391	0	0	0	0	0	0
0.018148	0	0	0	0	0	0
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0.008937	0	0	0	0	0	0
0.037091	0	0	0	0	0	0
0.008013	0	0	0	0	0	0
0.058882	0	0	0	0	0	0
0.026433	0	0	0	0	0	0
0.042334	0	0	0	0	0	0
0.045024	0	0	0	0	0	0
0.024663	0	0	0	0	0	0
0.054482	0	0	0	0	0	0
0.045925	0	0	0	0	0	0
0.044229	0	0	0	0	0	0
0.025084	0	0	0	0	0	0
0.016992	0	0	0	0	0	0
0.021621	0	0	0	0	0	0
0.013375	0	0	0	0	0	0
0.013782	0	0	0	0	0	0
0.035729	0	0	0	0	0	0
0.069323	0	0	0	0	0	0
0.051173	0	0	0	0	0	0
0.048912	0	0	0	0	0	0
0.044629	0	0	0	0	0	0
0.136591	0	0	0	0	0	0
0.046815	0	0	0	0	0	0
0.068869	0	0	0	0	0	0
0.059932	0	0	0	0	0	0
0.050346	0	0	0	0	0	0
0.094299	0	0	0	0	0	0
0.049267	0	0	0	0	0	0



0.071613	0	0	0	0	0	0
0.047874	0	0	0	0	0	0
0.042767	0	0	0	0	0	0
0.030982	0	0	0	0	0	0
0.063857	0	0	0	0	0	0
0.032436	0	0	0	0	0	0
0.031598	0	0	0	0	0	0
0.023494	0	0	0	0	0	0
0.02649	0	0	0	0	0	0
0.059825	0	0	0	0	0	0
0.099007	0	0	0	0	0	0
0.074824	0	0	0	0	0	0
0.060455	0	0	0	0	0	0
0.05465	0	0	0	0	0	0
0.056246	0	0	0	0	0	0
0.038718	0	0	0	0	0	0
0.023889	0	0	0	0	0	0
0.051479	0	0	0	0	0	0
0.030741	0	0	0	0	0	0
0.027929	0	0	0	0	0	0
0.026562	0	0	0	0	0	0
0.027838	0	0	0	0	0	0
0.029369	0	0	0	0	0	0
0.028308	0	0	0	0	0	0
0.024151	0	0	0	0	0	0
0.024392	0	0	0	0	0	0
0.021575	0	0	0	0	0	0
0.013844	0	0	0	0	0	0
0.058092	0	0	0	0	0	0
0.053574	0	0	0	0	0	0
0.06272	0	0	0	0	0	0
0.066479	0	0	0	0	0	0
0.048149	0	0	0	0	0	0
0.04189	0	0	0	0	0	0
0.05596	0	0	0	0	0	0
0.060734	0	0	0	0	0	0
0.020539	0	0	0	0	0	0
0.025303	0	0	0	0	0	0
0.122997	0	0	0	0	0	0
0.065781	0	0	0	0	0	0
0.055329	0	0	0	0	0	0
0.021487	0	0	0	0	0	0
0.026056	0	0	0	0	0	0
0.024173	0	0	0	0	0	0
0.034332	0	0	0	0	0	0
0.021842	0	0	0	0	0	0
0.024769	0	0	0	0	0	0
0.019881	0	0	0	0	0	0
0.019418	0	0	0	0	0	0
0.013705	0	0	0	0	0	0

0.016211	0	0	0	0	0	0
0.014808	0	0	0	0	0	0
0.011648	0	0	0	0	0	0
0.011473	0	0	0	0	0	0
0.010894	0	0	0	0	0	0
0.008341	0	0	0	0	0	0
0.008268	0	0	0	0	0	0
0.010029	0	0	0	0	0	0
0.256202	0	0	0	0	0	0
0.009595	0	0	0	0	0	0
0.006301	0	0	0	0	0	0
0.030903	0	0	0	0	0	0
0.040372	0	0	0	0	0	0
0.049518	0	0	0	0	0	0
0.029717	0	0	0	0	0	0
0.026444	0	0	0	0	0	0
0.025842	0	0	0	0	0	0
0.055178	0	0	0	0	0	0
0.012575	0	0	0	0	0	0
0.013075	0	0	0	0	0	0
0.013902	0	0	0	0	0	0
0.015924	0	0	0	0	0	0
0.013172	0	0	0	0	0	0
0.056793	0	0	0	0	0	0
0.017113	0	0	0	0	0	0
0.01865	0	0	0	0	0	0
0.010335	0	0	0	0	0	0
0.020168	0	0	0	0	0	0
0.011014	0	0	0	0	0	0
0.012148	0	0	0	0	0	0
0.017141	0	0	0	0	0	0
0.01383	0	0	0	0	0	0
0.007299	0	0	0	0	0	0
0.007601	0	0	0	0	0	0
0.008803	0	0	0	0	0	0
0.00607	0	0	0	0	0	0
0.004519	0	0	0	0	0	0
0.004979	0	0	0	0	0	0
0.055017	0	0	0	0	0	0
0.010394	0	0	0	0	0	0
0.020425	0	0	0	0	0	0
0.020316	0	0	0	0	0	0
0.012822	0	0	0	0	0	0
0.022574	0	0	0	0	0	0
0.015143	0	0	0	0	0	0
0.015148	0	0	0	0	0	0
0.93153	0	0	0	0	0	0
0.027769	0	0	0	0	0	0
0.1554	0	0	0	0	0	0
0.075004	0	0	0	0	0	0

0.056013	0	0	0	0	0	0
0.10459	0	0	0	0	0	0
0.059516	0	0	0	0	0	0
0.037435	0	0	0	0	0	0
0.045492	0	0	0	0	0	0
0.029892	0	0	0	0	0	0
0.029009	0	0	0	0	0	0
0.010718	0	0	0	0	0	0
0.055744	0	0	0	0	0	0
0.016381	0	0	0	0	0	0
0.021417	0	0	0	0	0	0
0.011996	0	0	0	0	0	0
0.018443	0	0	0	0	0	0
0.019277	0	0	0	0	0	0
0.02209	0	0	0	0	0	0
0.017593	0	0	0	0	0	0
0.017495	0	0	0	0	0	0
0.032104	0	0	0	0	0	0
0.028985	0	0	0	0	0	0
0.01048	0	0	0	0	0	0
0.011752	0	0	0	0	0	0
0.046198	0	0	0	0	0	0
0.045936	0	0	0	0	0	0
0.056288	0	0	0	0	0	0
0.055241	0	0	0	0	0	0
0.058382	0	0	0	0	0	0
0.011252	0	0	0	0	0	0
0.006757	0	0	0	0	0	0
0.018791	0	0	0	0	0	0
0.014153	0	0	0	0	0	0
0.008331	0	0	0	0	0	0
0.042349	0	0	0	0	0	0
0.060949	0	0	0	0	0	0
0.111943	0	0	0	0	0	0
0.0347	0	0	0	0	0	0
0.025957	0	0	0	0	0	0
0.0199	0	0	0	0	0	0
0.001461	0	0	0	0	0	0
0.005616	0	2	0	0	0	2
0.01547	0	0	0	0	0	0
0.012727	0	0	0	0	0	0
0.004348	0	0	0	0	0	0
0.0051	0	0	0	0	0	0
0.003829	0	0	0	0	0	0
0.004118	0	0	0	0	0	0
0.013549	0	0	0	0	0	0
0.046824	0	0	0	0	0	0
0.009409	0	0	0	0	0	0
0.005087	0	0	0	0	0	0
0.011335	0	0	0	0	0	0

0.029413	0	0	0	0	0	0
0.012183	0	0	0	0	0	0
0.031454	0	0	0	0	5	5
0.02165	0	0	0	0	0	0
0.025729	0	0	0	0	0	0
0.022577	0	0	0	0	0	0
0.023068	0	0	0	0	5	5
0.026568	0	5	0	0	0	5
0.016177	0	0	0	0	0	0
0.020854	0	0	0	0	0	0
0.009307	0	0	0	0	0	0
0.019519	0	0	0	2	0	2
0.040741	0	5	0	0	0	5
0.022438	0	0	0	0	0	0
0.014873	0	0	0	0	0	0
0.036384	0	0	0	0	0	0
0.023584	0	0	0	0	0	0
0.018351	0	0	0	0	0	0
0.027931	0	0	0	2	0	2
0.025807	0	0	0	0	0	0
0.035055	0	0	0	0	0	0
0.011725	0	2	0	0	0	2
0.020136	0	0	0	0	0	0
0.003511	0	0	0	0	0	0
0.004758	0	0	0	0	0	0
0.003928	0	0	0	0	0	0
0.012415	0	0	0	0	0	0
0.003028	0	0	0	0	0	0
0.002874	0	0	0	0	0	0
0.00569	0	0	0	0	0	0
0.004913	0	0	0	0	0	0
0.056988	0	0	0	0	0	0
0.002976	0	0	0	0	0	0
0.010062	0	0	0	0	0	0
0.074194	0	0	0	0	0	0
0.005911	0	0	0	0	0	0
0.006205	0	0	0	0	0	0
0.006364	0	0	0	0	0	0
0.03762	0	0	0	0	0	0
0.181472	0.05	0	0	0	0	0
0.093083	0	0	0	0	0	0
0.951095	0.03	0	0	0	0	0
0.073183	0	0	0	0	0	0
0.010824	0	0	0	0	0	0
0.030985	0	0	0	0	0	0
0.005223	0	0	0	0	0	0
0.025626	0	0	0	0	0	0
0.250848	0.04	0	0	0	0	0
0.166908	0	0	0	0	0	0
0.184904	0	0	0	0	0	0

0.217448	0	0	0	0	0	0
0.134857	0	0	0	0	0	0
0.210105	0	0	0	0	0	0
0.195255	0	0	0	0	0	0
0.126103	0	0	0	0	0	0
0.047767	0	0	0	0	0	0
0.110008	0	0	0	0	0	0
0.084186	0	0	0	0	0	0
0.25978	0	0	0	0	0	0
0.284057	0	0	0	0	0	0
0.35697	0	0	0	0	0	0
0.230666	0	0	0	0	0	0
0.02284	0	0	0	0	0	0
0.231696	0	0	0	0	0	0
0.049535	0	0	0	0	0	0
0.040722	0	0	0	0	0	0
0.008811	0	0	0	0	0	0
0.032489	0	0	0	0	0	0
0.028548	0	0	0	0	0	0
0.009668	0	0	0	0	0	0
0.032894	0	0	0	0	0	0
0.020412	0	0	0	0	0	0
0.002833	0	0	0	0	0	0
0.031191	0	0	0	0	0	0
0.060509	0	0	0	0	0	0
0.093857	0	0	0	0	0	0
0.240066	0	0	0	0	0	0
0.491856	0	0	0	0	0	0
0.189631	0	0	0	0	0	0
0.075948	0	0	0	0	0	0
0.21451	0	0	0	0	0	0
0.116316	0	0	0	0	0	0
0.043839	0	0	0	0	0	0
0.010186	0	0	0	0	0	0
0.055207	0	0	0	0	0	0
0.018506	0	0	0	0	0	0
0.0589	0	0	0	0	0	0
0.019619	0	0	0	0	0	0
0.055545	0	0	0	0	0	0
0.020689	0	0	0	0	0	0
0.020526	0	0	0	0	0	0
0.009852	0	0	0	0	0	0
0.005356	0	0	0	0	0	0
0.025737	0	0	0	0	0	0
0.722693	0.17	0	0	0	0	0
0.078219	0	0	0	0	0	0
0.067359	0	0	0	0	0	0
0.070226	0	0	0	0	0	0
0.042243	0	0	0	0	0	0
0.042006	0	0	0	0	0	0

0.035577	0	0	0	0	0	0
0.018262	0	0	0	0	0	0
0.020545	0	0	0	0	0	0
0.034816	0	0	0	0	0	0
0.014704	0	0	0	0	0	0
0.016479	0	0	0	0	0	0
0.013138	0	0	0	0	0	0
0.022974	0	0	0	0	0	0
0.020445	0	0	0	0	0	0
0.016311	0	0	0	0	0	0
0.011675	0	0	0	0	0	0
0.013627	0	0	0	0	0	0
0.019122	0	0	0	0	0	0
0.021912	0	0	0	0	0	0
0.006449	0	0	0	0	0	0
0.064423	0	0	0	0	0	0
0.013754	0	0	0	0	0	0
0.014128	0	0	0	0	0	0
0.021495	0	0	0	0	0	0
0.009082	0	0	0	0	0	0
0.010735	0	0	0	0	0	0
0.015024	0	0	0	0	0	0
0.011723	0	0	0	0	0	0
0.016335	0	0	0	0	0	0
0.008837	0	0	0	0	0	0
0.01844	0	0	0	0	0	0
0.031434	0	0	0	0	0	0
0.032322	0	0	0	0	0	0
0.07389	0	0	0	0	0	0
0.017591	0	0	0	0	0	0
0.014713	0	0	0	0	0	0
0.025679	0	0	0	0	0	0
0.021737	0	0	0	0	0	0
0.015964	0	0	0	0	0	0
0.016153	0	0	0	0	0	0
0.566668	0.02	0	0	0	0	0
0.400611	0	0	0	0	0	0
0.036801	0	0	0	0	5	5
0.111113	0	5	0	0	0	5
0.070046	0	0	0	0	0	0
0.035572	0	0	0	0	0	0
0.041006	0	0	0	0	0	0
0.090261	0	0	0	0	0	0
0.040225	0	0	0	0	0	0
0.018255	0	0	0	0	0	0
0.0137	0	0	0	0	0	0
0.026452	0	0	0	0	0	0
0.011649	0	0	0	0	0	0
0.018778	0	0	0	0	0	0
0.026365	0	0	0	0	0	0

0.059868	0	0	0	0	0	0
0.038683	0	0	0	0	0	0
0.064045	0	0	0	0	0	0
0.113002	0	0	0	0	0	0
0.025101	0	0	0	0	0	0
0.011745	0	0	0	0	0	0
0.010286	0	0	0	0	0	0
0.025667	0	0	0	0	0	0
0.007245	0	0	0	0	0	0
0.012468	0	0	0	0	0	0
0.00743	0	0	0	0	0	0
0.061314	0	0	0	0	0	0
0.024156	0	0	0	0	0	0
0.027302	0	0	0	0	0	0
0.009839	0	0	0	0	0	0
0.018723	0	0	0	0	0	0
0.025126	0	0	0	0	0	0
0.013339	0	0	0	0	0	0
0.007429	0	0	0	0	0	0
0.011246	0	0	0	0	0	0
0.001673	0	0	0	0	0	0
0.00609	0	0	0	0	0	0
0.001314	0	0	0	0	0	0
0.002271	0	0	0	0	0	0
0.185956	0	0	0	0	0	0
0.16586	0	0	0	0	0	0
0.026956	0	0	0	0	0	0
0.054552	0	0	0	0	0	0
0.005494	0	0	0	0	0	0
0.008127	0	0	0	0	0	0
0.012424	0	0	0	0	0	0
0.010758	0	0	0	0	0	0
0.026078	0	0	0	0	0	0
0.011385	0	0	0	0	0	0
0.01285	0	0	0	0	0	0
0.011449	0	0	0	0	0	0
0.006255	0	0	0	0	0	0
0.057744	0	0	0	0	0	0
0.025292	0	0	0	0	0	0
0.064896	0	0	0	0	0	0
0.044055	0	0	0	0	0	0
0.005312	0	0	0	0	0	0
0.007991	0	0	0	0	0	0
0.033549	0	0	0	0	0	0
0.025922	0	0	0	0	0	0
0.031412	0	0	0	0	0	0
0.040947	0	0	0	0	0	0
0.009591	0	0	0	0	0	0
0.009164	0	0	0	0	0	0
0.071888	0	0	0	0	0	0

0.015536	0	0	0	0	0	0
0.007953	0	0	0	0	0	0
0.058932	0	0	0	0	0	0
0.039855	0	0	0	0	0	0
0.003127	0	0	7	0	0	7
0.002355	0	0	0	0	0	0
0.000618	0	0	0	0	0	0
0.000876	0	0	0	0	0	0
0.002021	0	0	0	0	0	0
0.002823	0	0	0	0	0	0
0.00179	0	0	0	0	0	0
0.001774	0	0	0	0	0	0
0.000691	0	0	0	0	0	0
0.001079	0	0	0	0	0	0
0.004952	0	0	0	0	0	0
0.002757	0	0	0	0	0	0
0.001576	0	0	0	0	0	0
0.001993	0	0	0	0	0	0
0.002265	0	0	0	0	0	0
0.003339	0	0	0	0	0	0
0.001914	0	0	0	0	0	0
0.001952	0	0	0	0	0	0
0.025497	0	0	0	0	0	0
0.026076	0	0	0	0	0	0
0.013664	0	0	0	0	0	0
0.023659	0	0	0	0	0	0
0.01895	0	0	0	0	0	0
0.026976	0	0	0	0	0	0
0.01546	0	0	0	0	0	0
0.021275	0	0	0	0	0	0
0.01279	0	0	0	0	0	0
0.027319	0	0	0	0	0	0
0.028898	0	0	0	0	0	0
0.046309	0	0	0	0	0	0
0.028197	0	0	0	0	0	0
0.01949	0	0	0	0	0	0
0.017811	0	0	0	0	0	0
0.015479	0	0	0	0	0	0
0.016284	0	0	0	0	0	0
0.017706	0	0	0	0	0	0
0.002052	0	0	0	0	0	0
0.000553	0	0	0	0	0	0
0.000381	0	0	0	0	0	0
0.000293	0	0	0	0	6	6
0.002378	0.01	6	0	0	0	6
0.00073	0	0	0	0	0	0
0.000288	0	0	0	0	0	0
0.002193	0	0	0	0	7	7
0.000841	0	7	0	0	0	7
0.000264	0	0	0	0	0	0



0.000722	0	0	0	0	0	0
0.000831	0	0	0	0	0	0
0.000726	0	0	0	0	0	0
0.000789	0	0	0	0	0	0
0.000472	0	0	0	0	0	0
0.000552	0	0	0	0	4	4
0.00046	0	4	0	0	0	4
0.000602	0	0	0	0	0	0
0.951739	0	0	0	0	0	0
0.06775	0	0	0	0	0	0
0.014084	0	0	0	0	0	0
0.019101	0	0	0	0	0	0
0.034158	0	0	0	0	0	0
0.016237	0	0	0	0	0	0
0.015666	0	0	0	0	0	0
0.016696	0	0	0	0	0	0
0.082061	0	0	0	0	0	0
0.023995	0	0	0	0	0	0
0.243862	0.05	0	0	0	0	0
0.187436	0	0	0	0	0	0
0.13021	0	0	0	0	0	0
0.060644	0	0	0	0	0	0
0.069608	0	0	0	0	0	0
0.045458	0	0	0	0	0	0
0.016422	0	0	0	0	0	0
0.009377	0	0	0	0	0	0
0.033094	0	0	0	0	0	0
0.021256	0	0	0	0	0	0
0.022839	0	0	0	0	0	0
0.023738	0	0	0	0	0	0
0.047948	0	0	0	0	0	0
0.009177	0	0	0	0	0	0
0.009691	0	0	0	0	0	0
0.003694	0	0	0	0	0	0
0.004445	0	0	0	0	0	0
0.01248	0	0	0	0	0	0
0.00461	0	0	0	0	0	0
0.019185	0	0	0	0	0	0
0.039825	0	0	0	0	0	0
0.047259	0.02	0	0	0	0	0
0.023307	0	0	0	0	0	0
0.009691	0	0	0	0	0	0
0.008299	0	0	0	0	0	0
0.009601	0	0	0	0	0	0
0.008267	0	0	0	0	0	0
0.006141	0	0	0	0	0	0
0.005457	0	0	0	0	0	0
0.00178	0	0	0	0	0	0
0.001293	0	0	0	0	0	0
0.002216	0	0	0	0	0	0

0.001823	0	0	0	0	0	0
0.003405	0	0	0	0	0	0
0.001318	0	0	5	0	0	5
0.002385	0	0	3	0	0	3
0.018667	0	0	0	5	2	7
0.063674	0	0	0	0	0	0
0.045134	0	0	0	0	0	0
0.085881	0	0	0	0	0	0
0.150312	0	0	0	0	0	0
0.18414	0	0	0	0	0	0
0.076023	0	0	0	0	0	0
0.087218	0	0	0	0	0	0
0.065903	0	0	0	0	0	0
0.835068	0	0	0	0	0	0
0.020408	0	0	0	0	0	0
0.005681	0	0	0	0	0	0
0.068407	0	0	0	0	0	0
0.025265	0	0	0	0	0	0
0.009075	0	0	0	0	0	0
0.006391	0	0	0	0	0	0
0.020652	0	0	0	0	0	0
0.062567	0	0	0	0	0	0
0.041014	0	0	0	0	0	0
0.013469	0	0	0	0	0	0
0.044974	0	0	0	0	0	0
0.011546	0	0	0	0	0	0
0.018368	0	0	0	0	0	0
0.017921	0	0	0	0	0	0
0.083486	0.01	0	0	0	0	0
0.015329	0	0	0	0	0	0
0.019611	0	0	0	0	0	0
0.043109	0	0	0	0	0	0
0.255159	0	0	0	0	0	0
0.027309	0	0	0	0	0	0
0.018444	0	0	0	0	0	0
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0.027585	0	0	0	0	1	1
0.011418	0	1	0	0	0	1
0.008418	0	0	0	0	0	0
0.005989	0	0	0	0	0	0
0.124711	0	0	0	0	0	0
0.193117	0	0	0	0	0	0
0.02333	0	0	0	0	0	0
0.002215	0	0	0	0	0	0
0.004393	0	0	0	0	0	0
0.016376	0	0	0	0	0	0
0.079969	0.37	0	0	0	0	0
0.011776	0	0	0	0	0	0
0.005402	0	0	0	0	0	0
0.062429	0	0	0	0	0	0

0.007354	0	0	0	0	0	0
0.003013	0	0	0	0	5	5
0.007391	0	5	0	0	0	5
0.002623	0	0	0	0	0	0
0.003279	0	0	0	0	0	0
0.04431	0	0	0	0	0	0
0.018795	0	0	0	0	0	0
0.011673	0	0	0	0	0	0
0.344583	0.16	0	0	0	0	0
0.03495	0	0	0	0	0	0
0.044566	0	0	0	0	0	0
0.040315	0	0	0	0	0	0
0.036937	0	0	0	0	0	0
0.03729	0	0	0	0	0	0
0.021961	0	0	0	0	0	0
0.012566	0	0	0	0	0	0
0.036108	0	0	0	0	0	0
0.21413	0	0	0	0	0	0
0.096277	0	0	0	0	0	0
0.107629	0	0	0	0	0	0
0.054023	0	0	0	0	0	0
0.124353	0	0	0	0	0	0
0.271826	0	0	0	0	0	0
0.109907	0	0	0	0	0	0
0.202265	0	0	0	0	0	0
0.168264	0	0	0	0	0	0
0.075675	0	0	0	0	0	0
0.451656	0	0	0	0	0	0
0.208172	0	0	0	0	0	0
0.27422	0	0	0	0	0	0
0.036533	0	0	0	0	1	1
0.234607	0	0	0	0	0	0
0.009303	0	0	0	0	0	0
0.008038	0	0	0	0	0	0
0.008454	0	0	0	0	0	0
0.009059	0	0	0	0	0	0
0.009621	0	0	0	0	0	0
0.027294	0	0	0	0	0	0
0.022132	0	0	0	0	0	0
0.016224	0	0	0	0	0	0
0.024773	0	0	0	0	0	0
0.020997	0	0	0	0	0	0
0.014015	0	0	0	0	0	0
0.649041	0.46	0	0	0	1	1
0.073207	0	1	0	0	0	1
0.242212	0	0	0	0	2	2
0.110847	0	2	0	0	0	2
0.084287	0	0	0	0	14	14
0.010351	0	14	0	0	0	14
0.020142	0	0	0	0	0	0

0.020121	0	0	0	0	0	0
0.01273	0	0	0	0	0	0
0.009549	0	0	0	0	0	0
0.01062	0	0	0	0	0	0
0.046367	0	0	0	0	0	0
0.05377	0	0	0	0	0	0
0.010814	0	0	0	0	0	0
0.051334	0	0	0	0	0	0
0.05719	0	0	0	0	0	0
0.047164	0	0	0	0	0	0
0.019785	0	0	0	0	0	0
0.040364	0	0	0	0	0	0
0.033312	0	0	0	0	0	0
0.029275	0	0	0	0	0	0
0.02095	0	0	0	0	0	0
0.031686	0	0	0	0	0	0
0.434798	0.26	0	0	0	0	0
0.031889	0	0	0	0	0	0
0.13553	0.03	0	0	0	0	0
0.019697	0.02	0	0	0	0	0
0.008676	0.01	0	0	0	0	0
0.041355	0	0	0	0	0	0
0.00755	0	0	0	0	0	0
0.006288	0	0	0	0	0	0
0.009429	0	0	0	0	0	0
0.059577	0.02	0	0	0	0	0
0.071875	0.03	0	0	0	0	0
0.025984	0	0	0	0	0	0
0.012675	0	0	0	0	0	0
0.010632	0	0	0	0	0	0
0.003289	0	0	0	0	0	0
0.010633	0	0	0	0	0	0
0.006471	0	0	0	0	0	0
0.052153	0	0	0	0	0	0
0.006879	0	0	0	0	0	0
0.001995	0	0	0	0	0	0
0.005553	0	0	0	0	0	0
0.00356	0	0	0	0	0	0
0.003034	0	0	0	0	0	0
0.004369	0	0	0	0	0	0
0.003329	0	0	0	0	0	0
0.006075	0	0	0	0	0	0
0.001917	0	0	0	0	0	0
0.123875	0.05	0	0	0	0	0
0.000547	0	0	0	0	0	0
0.004192	0.01	0	0	0	0	0
0.015117	0	0	0	0	0	0
0.000622	0	0	0	0	0	0
0.784358	0	0	0	0	0	0
0.038836	0	0	0	0	0	0

0.05229	0	0	0	0	0	0
0.152297	0.01	0	0	0	0	0
0.037797	0	0	0	0	0	0
0.011819	0	0	0	0	0	0
0.031679	0	0	0	0	0	0
0.012814	0	0	0	0	0	0
0.02704	0	0	0	0	0	0
0.029701	0	0	0	0	0	0
0.048211	0	0	0	0	0	0
0.034764	0	0	0	0	0	0
0.022287	0	0	0	0	0	0
0.022206	0	0	0	0	0	0
0.024434	0	0	0	0	0	0
0.008949	0	0	0	0	0	0
0.010093	0	0	0	0	0	0
0.018637	0	0	0	0	0	0
0.014168	0	0	0	0	0	0
0.004453	0	0	0	0	0	0
0.017432	0.01	0	0	0	0	0
0.006159	0	0	0	0	0	0
0.012238	0	0	0	0	0	0
0.009508	0	0	0	0	0	0
0.01845	0	0	0	0	0	0
0.043548	0	0	0	0	0	0
0.045661	0	0	0	0	0	0
0.026595	0	0	0	0	0	0
0.033497	0	0	0	0	0	0
0.062795	0	0	0	0	0	0
0.036037	0	0	0	0	0	0
0.024129	0	0	6	0	0	6
0.020577	0	0	0	0	0	0
0.002972	0	0	0	0	0	0
0.0044	0	0	0	0	0	0
0.010788	0	0	0	0	0	0
0.004886	0	0	0	0	0	0
0.051604	0	0	0	0	0	0
0.006232	0	0	0	0	0	0
0.001885	0	0	0	0	0	0
0.004004	0	0	0	0	0	0
0.001878	0	0	0	0	0	0
0.00186	0	0	0	0	0	0
0.002044	0	0	0	0	0	0
0.00221	0	0	0	0	0	0
0.001294	0	0	0	0	0	0
0.001034	0	0	0	0	0	0
0.002997	0	0	0	0	0	0
0.320382	0.02	0	0	0	0	0
0.230763	0.12	0	0	0	0	0
0.003885	0	0	0	0	0	0
0.01247	0	0	0	0	0	0

0.006402	0	0	0	0	0	0
0.002645	0	0	0	0	0	0
0.004933	0	0	0	0	0	0
0.005514	0	0	0	0	0	0
0.016151	0	0	0	0	0	0
0.004911	0	0	0	0	0	0
0.00905	0	0	0	0	0	0
0.005151	0	0	0	0	0	0
0.01816	0	0	0	0	0	0
0.04789	0	0	0	0	0	0
0.095617	0	0	0	0	0	0
0.091361	0	0	0	0	0	0
0.046995	0	0	0	0	0	0
0.041595	0	3	0	0	0	3
0.057395	0	0	0	0	0	0
0.046091	0	0	0	0	0	0
0.029922	0	0	0	0	0	0
0.243828	0	0	0	0	4	4
0.035427	0	4	0	0	0	4
0.052191	0	0	0	0	0	0
0.003752	0	0	0	0	0	0
0.002238	0	0	0	0	0	0
0.003584	0	0	0	0	0	0
0.001957	0	0	0	0	0	0
0.002198	0	0	0	0	0	0
0.169164	0	0	0	0	0	0
0.001315	0	0	0	0	0	0
0.000024	0	0	0	0	0	0
0.000385	0	0	0	0	0	0
0.000027	0	0	0	0	0	0
0.000187	0	0	0	0	0	0
0.000162	0	0	0	0	0	0
0.02305	0	0	0	0	0	0
0.064252	0	0	0	0	0	0
0.081941	0	0	0	0	0	0
0.022174	0	0	0	0	0	0
0.11299	0	0	0	0	0	0
0.153182	0	0	0	0	0	0
0.031506	0	0	0	0	0	0
0.026514	0	0	0	0	0	0
0.035335	0	0	0	0	0	0
0.113738	0	0	0	0	0	0
0.023721	0	0	0	0	0	0
0.01371	0	0	0	0	0	0
0.021021	0	0	0	0	0	0
0.032612	0	0	0	0	0	0
0.01542	0	0	0	0	0	0
0.035319	0	0	0	0	0	0
0.021011	0	0	0	0	0	0
0.088429	0	0	0	0	0	0

0.04942	0	0	0	0	0	0
0.082864	0	0	0	0	0	0
0.186115	0	0	0	0	0	0
0.206057	0	0	0	0	0	0
0.14116	0	0	0	0	0	0
0.102958	0	0	0	0	0	0
0.030048	0	0	0	0	0	0
0.016005	0	0	0	0	0	0
0.00743	0	0	0	0	0	0
0.003609	0	0	0	0	0	0
0.011885	0	0	0	0	0	0
0.008912	0	0	0	0	0	0
0.019709	0	0	0	0	0	0
0.022754	0	0	0	0	0	0
0.042548	0	0	0	0	0	0
0.03275	0	0	0	0	0	0
0.047093	0	0	0	0	0	0
0.040011	0	0	0	0	0	0
0.07387	0	0	0	0	0	0
0.01942	0	0	0	0	0	0
0.017213	0	0	0	6	0	6
0.009705	0	0	0	0	0	0
0.014555	0	0	0	0	0	0
0.011714	0	0	0	0	0	0
0.01443	0	0	0	0	0	0
0.007789	0	0	0	0	0	0
0.00764	0	0	0	0	0	0
0.006566	0	0	0	0	0	0
0.006241	0	0	0	0	0	0
0.022167	0	0	0	0	0	0
0.005161	0	0	0	0	0	0
0.003786	0	0	0	0	0	0
0.005931	0	0	0	0	0	0
0.033685	0	0	0	0	0	0
0.012132	0	0	0	0	0	0
0.017155	0	0	0	0	0	0
0.012888	0	0	0	0	0	0
0.007526	0	0	0	0	0	0
0.010392	0	0	0	0	0	0
0.009287	0	0	0	0	0	0
0.0117	0	0	0	0	0	0
0.009352	0	0	0	0	0	0
0.009929	0	0	0	0	0	0
0.014936	0	0	0	0	0	0
0.00541	0	0	0	0	0	0
0.008412	0	0	0	0	0	0
0.032921	0	0	0	0	0	0
0.005841	0	0	0	0	0	0
0.008498	0	0	0	0	0	0
0.016801	0	0	0	0	0	0

0.015611	0	0	0	0	0	0
0.01676	0	0	0	0	0	0
0.012218	0	0	0	0	0	0
0.006118	0	0	0	0	0	0
0.006385	0	0	0	0	0	0
0.005582	0	0	0	0	0	0
0.004378	0	0	0	0	0	0
0.003997	0	0	0	0	0	0
0.027969	0	0	0	0	0	0
0.004883	0	0	0	0	0	0
0.005426	0	0	0	0	0	0
0.005738	0	0	0	0	0	0
0.036544	0	0	0	0	0	0
0.007946	0	0	0	0	0	0
0.049121	0	0	0	0	0	0
0.02504	0	0	0	0	0	0
0.041727	0	0	0	0	0	0
0.010547	0	0	0	0	0	0
0.003265	0	0	0	0	0	0
0.018652	0	0	0	0	0	0
0.016861	0	0	0	0	0	0
0.011483	0	0	0	0	0	0
0.010748	0	0	0	0	0	0
0.010169	0	0	0	0	0	0
0.022365	0	0	0	0	0	0
0.110537	0	0	0	0	0	0
0.034028	0	0	0	0	0	0
0.047414	0	0	0	0	0	0
0.127981	0	0	0	0	0	0
0.212839	0	0	0	0	0	0
0.024622	0	0	0	0	0	0
0.060734	0	0	0	0	0	0
0.054862	0	0	0	0	0	0
0.080119	0	0	0	0	0	0
0.017556	0	0	0	0	0	0
0.000619	0	0	0	0	0	0
0.046534	0	0	0	0	0	0
0.002817	0	0	0	0	0	0
0.001077	0	0	0	0	0	0
0.001769	0	0	0	0	0	0
0.001147	0	0	0	0	0	0
0.005486	0.01	0	0	0	0	0
0.01711	0	0	0	0	0	0
0.010206	0	0	0	0	0	0
0.026871	0.04	0	0	0	0	0
0.011497	0	0	0	0	0	0
0.022134	0	0	0	0	0	0
0.14218	0	0	0	0	0	0
0.053576	0	0	0	0	0	0
0.027694	0	0	0	0	0	0



0.026602	0	0	0	0	0	0
0.019766	0	0	0	0	0	0
0.012781	0	0	0	0	0	0
0.016395	0	0	0	0	0	0
0.014184	0	0	0	0	0	0
0.01843	0	0	0	0	0	0
0.189728	0	0	0	0	0	0
0.029611	0	0	0	0	0	0
0.009444	0	0	0	0	0	0
0.009315	0	0	0	0	0	0
0.004041	0	0	0	0	0	0
0.058611	0.05	0	0	0	0	0
0.006063	0	0	0	0	0	0
0.001613	0	0	0	0	0	0
0.00087	0	0	0	0	0	0
0.001459	0	0	0	0	0	0
0.004555	0	0	0	0	0	0
0.031363	0	0	0	0	0	0
0.008561	0	0	0	0	1	1
0.002733	0	1	0	0	0	1
0.022838	0	0	0	0	0	0
0.06118	0	0	0	0	0	0
0.004425	0	0	0	0	0	0
0.012375	0	0	0	0	0	0
0.001796	0	0	0	0	0	0
0.008995	0	0	0	0	0	0
0.004337	0	0	0	0	0	0
0.006719	0	0	0	0	0	0
0.000297	0	0	0	0	0	0
0.001217	0	0	0	0	3	3
0.870332	0	0	0	0	0	0
0.067402	0	0	0	0	0	0
0.047501	0	0	0	0	0	0
0.078456	0	0	0	0	0	0
0.015686	0	0	0	0	0	0
0.004019	0	0	0	0	0	0
0.016254	0	0	0	0	0	0
0.011588	0	0	0	0	0	0
0.004539	0	0	0	0	0	0
0.010703	0	0	0	0	0	0
0.007105	0	0	0	0	0	0
0.021756	0	0	0	0	0	0
0.02505	0	0	0	0	0	0
0.069842	0	0	0	0	0	0
0.018933	0	0	0	0	0	0
0.02209	0	0	0	0	0	0
0.010479	0	0	0	0	0	0
0.004172	0	0	0	0	0	0
0.004218	0	0	0	0	0	0
0.004521	0	0	0	0	0	0

0.003252	0	0	0	0	0	0
0.035162	0	0	0	0	0	0
0.026632	0	0	0	0	0	0
0.009299	0	0	0	0	0	0
0.009271	0	0	0	0	0	0
0.008618	0	0	0	0	0	0
0.018603	0	0	0	0	0	0
0.021432	0	0	0	0	0	0
0.010176	0	0	0	0	0	0
0.098702	0.01	0	0	0	0	0
0.014204	0	0	0	0	0	0
0.009952	0	0	0	0	0	0
0.013893	0	0	0	0	0	0
0.225494	0.07	0	0	0	0	0
0.009426	0	0	0	0	0	0
0.010539	0	0	0	0	0	0
0.019687	0	0	0	0	0	0
0.018821	0	0	0	0	0	0
0.100985	0	0	0	0	0	0
0.064936	0	0	0	0	0	0
0.22195	0	0	0	0	0	0
0.059503	0	0	0	0	0	0
0.025088	0	0	0	0	0	0
0.102737	0	0	0	0	0	0
0.081727	0	0	0	0	0	0
0.017382	0	0	0	0	0	0
0.066734	0	0	0	0	0	0
0.026942	0	0	0	0	0	0
0.013128	0	0	0	0	0	0
0.023881	0	0	0	0	0	0
0.024157	0	0	0	0	0	0
0.027381	0	0	0	0	0	0
0.005324	0	0	0	0	0	0
0.011012	0	0	0	0	0	0
0.022391	0	0	0	0	0	0
0.006347	0	0	0	0	0	0
0.012538	0	0	0	0	0	0
0.076751	0	0	0	0	0	0
0.011125	0	0	0	0	0	0
0.013692	0	0	0	0	0	0
0.020655	0	0	0	0	0	0
0.060908	0	0	0	0	0	0
0.046018	0	0	0	0	0	0
0.02781	0	0	0	0	0	0
0.029474	0	0	0	0	0	0
0.029998	0	0	0	0	0	0
0.025749	0	0	0	0	0	0
0.027824	0	0	0	0	0	0
0.019215	0	0	0	0	0	0
0.032375	0	0	0	0	0	0

0.038931	0	0	0	0	0	0
0.024534	0	0	0	0	0	0
0.027148	0	0	0	0	0	0
0.019568	0	0	0	0	0	0
0.010588	0	0	0	0	0	0
0.015839	0	0	0	0	0	0
0.015305	0	0	0	0	0	0
0.013321	0	0	0	0	0	0
0.014351	0	0	0	0	0	0
0.010859	0	0	0	0	0	0
0.010353	0	0	0	0	0	0
0.118797	0	0	0	0	0	0
0.018609	0	0	0	0	0	0
0.023582	0	0	0	0	0	0
0.020907	0	0	0	0	0	0
0.02026	0	0	0	0	0	0
0.040347	0	0	0	0	0	0
0.026309	0	0	0	0	0	0
0.008538	0	0	0	0	0	0
0.016582	0	0	0	0	0	0
0.010777	0	0	0	0	0	0
0.029005	0	0	0	0	0	0
0.016327	0	0	0	0	0	0
0.017927	0	0	0	0	0	0
0.012304	0	0	0	0	0	0
0.018134	0	0	0	0	0	0
0.021868	0	0	0	0	0	0
0.015928	0	0	0	0	0	0
0.013351	0	0	0	0	0	0
0.031914	0	0	0	0	0	0
0.019835	0	0	0	0	0	0
0.015502	0	0	0	0	0	0
0.012929	0	0	0	0	0	0
0.011157	0	0	0	0	0	0
0.004729	0	0	0	0	0	0
0.008209	0	0	0	0	0	0
0.012513	0	0	0	0	0	0
0.010372	0	0	0	0	0	0
0.019327	0	0	0	0	0	0
0.037602	0	0	0	0	0	0
0.030354	0	0	0	0	0	0
0.030535	0	0	0	0	0	0
0.015231	0	0	0	0	0	0
0.012013	0	0	0	0	0	0
0.024582	0	0	0	0	0	0
0.006603	0	0	0	0	0	0
0.015007	0	0	0	0	0	0
0.010724	0	0	0	0	0	0
0.021118	0	0	0	0	0	0
0.009437	0	0	0	0	0	0

0.008318	0	0	0	0	0	0
0.01151	0	0	0	0	0	0
0.012475	0	0	0	0	0	0
0.0112	0	0	0	0	0	0
0.052363	0	0	0	0	0	0
0.13013	0	0	0	0	0	0
0.060257	0	0	0	0	0	0
0.018353	0	0	0	0	0	0
0.040424	0	0	0	0	0	0
0.03854	0	0	0	0	0	0
0.022437	0	0	0	0	0	0
0.024179	0	0	0	0	0	0
0.052442	0	0	0	0	0	0
0.304043	0	0	0	0	0	0
0.12086	0	0	0	0	0	0
0.142829	0	0	0	0	0	0
0.029162	0	0	0	0	0	0
0.075558	0	0	0	0	0	0
0.03251	0	0	0	0	0	0
0.028851	0	0	0	0	0	0
0.158629	0	0	0	0	0	0
0.073068	0	0	0	0	0	0
0.08885	0	0	0	0	0	0
0.036661	0	0	0	0	0	0
0.027874	0	0	0	0	0	0
0.032698	0	0	0	0	0	0
0.086371	0	0	0	0	0	0
0.005765	0	0	0	0	0	0
0.004924	0	0	0	0	0	0
0.006797	0	0	0	0	0	0
0.003898	0	0	0	0	0	0
0.019642	0	0	0	0	0	0
0.023144	0	0	0	0	0	0
0.020708	0	0	0	0	0	0
0.034488	0	0	0	0	0	0
0.158209	0	0	0	0	0	0
0.321177	0	0	0	0	0	0
0.42657	0	0	0	0	0	0
0.084444	0	0	0	0	0	0
0.01757	0	0	0	0	0	0
0.040364	0	0	0	0	0	0
0.008317	0	0	0	0	0	0
0.206017	0	0	0	0	0	0
0.037842	0	0	0	0	0	0
0.03244	0	0	0	0	0	0
0.031894	0	0	0	0	0	0
0.049387	0	0	0	0	0	0
0.008759	0	0	0	0	0	0
0.008847	0	0	0	0	0	0
0.017935	0	0	0	0	0	0

0.007162	0	0	0	0	0	0
0.022695	0	0	0	0	0	0
0.015309	0	0	0	0	0	0
0.012631	0	0	0	0	0	0
0.024402	0	0	0	0	0	0
0.011377	0	0	0	0	0	0
0.014717	0	0	0	0	0	0
0.019941	0	0	0	0	0	0
0.013213	0	0	0	0	0	0
0.015089	0	0	0	0	0	0
0.012382	0	0	0	0	0	0
0.009595	0	0	0	0	0	0
0.011202	0	0	0	0	0	0
0.01019	0	0	0	0	0	0
0.005912	0	0	0	0	0	0
0.006187	0	0	0	0	0	0
0.007494	0	0	0	0	0	0
0.004155	0	0	0	0	0	0
0.004429	0	0	0	0	0	0
0.002488	0	0	0	0	0	0
0.005421	0	0	0	0	0	0
0.109357	0.05	0	0	0	0	0
0.003608	0	0	0	0	0	0
0.004359	0	0	0	0	0	0
0.010604	0	0	0	0	0	0
0.004973	0	0	0	0	0	0
0.017114	0.01	0	0	0	0	0
0.004177	0.01	0	0	0	0	0
0.004893	0	0	0	0	0	0
0.002822	0	0	0	0	0	0
0.02628	0	0	0	0	0	0
0.017348	0	0	0	0	0	0
0.010032	0	0	0	0	0	0
0.003737	0	0	0	0	0	0
0.005957	0	0	0	0	0	0
0.002371	0	0	0	0	0	0
0.004082	0	0	0	0	0	0
0.039805	0	0	0	0	0	0
0.039172	0	0	0	0	0	0
0.058462	0	0	0	0	0	0
0.051301	0	0	0	0	0	0
0.050015	0	0	0	0	0	0
0.059786	0	0	0	0	0	0
0.050195	0	0	0	0	0	0
0.038484	0	0	0	0	0	0
0.060482	0	0	0	0	0	0
0.03982	0	0	0	0	0	0
0.05354	0	0	0	0	0	0
0.041581	0	0	0	0	0	0
0.056657	0	0	0	0	0	0

0.058553	0	0	0	0	0	0
0.03682	0	0	0	0	0	0
0.046347	0	0	0	0	0	0
0.222705	0	0	0	0	0	0
0.900612	0	0	0	0	0	0
0.264371	0	0	0	0	0	0
0.038312	0	0	0	0	0	0
0.045233	0	0	0	0	0	0
0.068189	0	0	0	0	0	0
0.031248	0	0	0	0	0	0
0.034698	0	0	0	0	0	0
0.034392	0	0	0	0	0	0
0.029706	0	0	0	0	0	0
0.034335	0	0	0	0	0	0
0.043929	0	0	0	0	0	0
0.023458	0	0	0	0	0	0
0.367423	0	0	0	0	0	0
0.074254	0.03	0	0	0	0	0
0.108758	0	0	0	0	0	0
0.108202	0	0	0	0	0	0
0.202423	0	0	0	0	0	0
0.052828	0	0	0	0	0	0
0.07077	0	0	0	0	0	0
0.116893	0	0	0	0	0	0
0.675938	0	0	0	0	0	0
0.015208	0	0	0	0	0	0
0.010422	0	0	0	0	0	0
0.010281	0	0	0	0	0	0
0.081432	0	0	0	0	0	0
0.008575	0	0	0	0	0	0
0.008418	0	0	0	0	0	0
0.0089	0	0	0	0	0	0
0.006167	0	0	0	0	0	0
0.008939	0	0	0	0	0	0
0.008636	0	0	0	0	0	0
0.005311	0	0	0	0	0	0
0.016481	0	0	0	0	0	0
0.01152	0	0	0	0	0	0
0.010218	0	0	0	0	0	0
0.01001	0	0	0	0	0	0
0.030792	0	0	0	0	0	0
0.013342	0	0	0	0	0	0
0.012508	0	0	0	0	0	0
0.017032	0	0	0	0	0	0
0.010918	0	0	0	0	0	0
0.047994	0	0	0	0	0	0
0.012786	0	0	0	0	0	0
0.08286	0	0	0	0	0	0
0.060304	0	0	0	0	0	0
0.037622	0	0	0	0	0	0

0.074732	0	0	0	0	0	0
0.07548	0	0	0	0	0	0
0.122907	0	0	0	0	0	0
0.031813	0	0	0	0	0	0
0.046648	0	0	0	0	0	0
0.101511	0	0	1	0	0	1
0.031079	0	0	0	0	0	0
0.041403	0	0	0	0	0	0
0.028377	0	0	0	0	0	0
0.02299	0	0	0	0	0	0
0.016886	0	0	0	0	0	0
0.018553	0	0	0	0	0	0
0.030673	0	0	0	0	0	0
0.028183	0	0	0	0	0	0
0.013588	0	0	0	0	0	0
0.004259	0	0	0	0	0	0
0.00508	0	0	0	0	0	0
0.003897	0	0	0	0	0	0
0.00788	0	0	0	0	0	0
0.003822	0	0	0	0	0	0
0.008021	0	0	0	0	0	0
0.022184	0.01	0	0	0	0	0
0.002179	0	0	0	0	3	3
0.292295	0.01	0	0	0	0	0
0.027989	0	0	0	0	0	0
0.03847	0	0	0	0	6	6
0.031976	0	6	0	0	0	6
0.129945	0	0	0	0	0	0
0.100766	0	0	0	0	0	0
0.046309	0	0	0	0	0	0
0.019921	0	0	0	0	0	0
0.006211	0	0	0	0	0	0
0.006471	0	0	0	0	0	0
0.005302	0	0	0	0	0	0
0.019447	0	0	0	0	0	0
0.017295	0	0	0	4	0	4
0.064318	0	0	0	0	0	0
0.025028	0	0	0	0	0	0
0.018219	0	0	0	0	0	0
0.433106	0.13	0	0	0	0	0
0.087608	0	0	0	0	0	0
0.229719	0	0	0	0	0	0
0.068211	0	0	0	0	0	0
0.002181	0	0	0	0	0	0
0.031779	0	0	0	0	0	0
0.00975	0	0	0	0	0	0
0.00398	0	0	0	0	0	0
0.004744	0	0	0	0	0	0
0.21381	0.02	0	0	0	0	0
0.045366	0	0	0	0	0	0

0.030586	0	0	0	0	0	0
0.020689	0	0	0	0	0	0
0.060058	0	0	0	0	0	0
0.057334	0	0	0	0	0	0
0.027554	0	0	0	0	0	0
0.044468	0	0	0	0	0	0
0.05312	0	0	0	0	0	0
0.001437	0	0	0	0	0	0
0.001152	0	0	0	0	0	0
0.000867	0	0	0	0	0	0
0.002994	0	0	0	0	0	0
0.013944	0	0	0	0	0	0
0.006947	0	0	0	0	0	0
0.008358	0	0	0	0	0	0
0.013964	0	0	0	0	0	0
0.00358	0	0	0	0	0	0
0.003692	0	0	0	0	0	0
0.00637	0	0	0	0	0	0
0.026252	0	0	0	0	0	0
0.004966	0	0	0	0	0	0
0.023707	0	0	0	0	0	0
0.017192	0	0	0	0	0	0
0.005148	0	0	0	0	0	0
0.555688	0.08	0	0	0	0	0
0.049607	0	0	0	0	0	0
0.029219	0	0	0	0	0	0
0.033136	0	0	0	0	0	0
0.036274	0	0	0	0	0	0
0.062072	0	0	0	0	0	0
0.020403	0	0	0	0	0	0
0.134079	0.57	0	1	0	0	1
0.021808	0	0	0	0	0	0
0.020588	0	0	0	0	0	0
0.041163	0	0	0	0	0	0
0.025067	0	0	0	0	0	0
0.200019	0	0	0	0	0	0
0.068218	0	0	0	0	0	0
0.044499	0	0	0	0	0	0
0.092452	0	0	0	0	0	0
0.027382	0	0	0	0	0	0
0.050422	0	0	0	0	0	0
0.040385	0	0	0	0	0	0
0.034754	0	0	0	0	0	0
0.035797	0	0	0	0	0	0
0.078873	0	0	0	0	0	0
0.01883	0	0	0	0	0	0
0.015963	0	0	0	0	0	0
0.017051	0	0	0	0	0	0
0.015243	0	0	0	0	0	0
0.025706	0	0	0	0	0	0



0.017698	0	0	0	0	0	0
0.013041	0	0	0	0	0	0
0.019194	0	0	0	0	0	0
0.048548	0	0	0	0	0	0
0.082419	0	0	0	0	0	0
0.630315	0	0	0	0	0	0
0.049777	0	0	0	0	0	0
0.028726	0	0	0	0	0	0
0.057893	0	0	0	0	0	0
0.028095	0	0	0	0	0	0
0.043806	0	0	0	0	0	0
0.040769	0	0	0	0	0	0
0.017663	0	0	0	0	0	0
0.013853	0	0	0	0	0	0
0.018029	0	0	0	0	0	0
0.021152	0	0	0	0	0	0
0.018151	0	0	0	0	0	0
0.033847	0	0	0	0	0	0
0.043429	0	0	0	0	0	0
0.044522	0	0	0	0	0	0
0.014038	0	0	0	0	0	0
0.015375	0	0	0	0	0	0
0.017968	0	0	0	0	0	0
0.020452	0	0	0	0	0	0
0.01602	0	0	0	0	0	0
0.019837	0	0	0	0	0	0
0.023472	0	0	0	0	0	0
0.076185	0	0	0	0	0	0
0.024364	0	0	0	0	0	0
0.020417	0	0	0	0	0	0
0.072178	0	0	0	0	0	0
0.03153	0	0	0	0	0	0
0.013854	0	0	0	0	0	0
0.011133	0	0	0	0	0	0
0.01866	0	0	0	0	0	0
0.015882	0	0	0	0	0	0
0.007853	0	0	0	0	0	0
0.008224	0	0	0	0	0	0
0.006286	0	0	0	0	0	0
0.061707	0	0	0	0	0	0
0.012006	0	0	0	0	0	0
0.069512	0	0	0	0	0	0
0.01464	0	0	0	0	0	0
0.031023	0	0	0	0	0	0
0.034486	0	0	0	0	0	0
0.056275	0	0	0	0	0	0
0.023606	0	0	0	0	0	0
0.018416	0	0	0	0	0	0
0.058506	0	0	0	0	0	0
0.064137	0	0	0	0	0	0

0.099439	0.01	0	0	0	0	0
0.016374	0	0	0	0	0	0
0.017619	0	0	0	0	0	0
0.012772	0	0	0	0	0	0
0.090645	0	0	0	0	0	0
0.012325	0	0	0	0	0	0
0.006427	0	0	0	0	0	0
0.012479	0	0	0	0	0	0
0.007601	0	0	0	0	0	0
0.021873	0	0	0	0	0	0
0.009681	0	0	0	0	0	0
0.006362	0	0	0	0	0	0
0.005402	0	0	0	0	0	0
0.017885	0	0	0	0	0	0
0.014134	0	0	0	0	0	0
0.006194	0	0	0	0	0	0
0.008895	0	0	0	0	0	0
0.037984	0	0	0	0	0	0
0.005642	0	0	0	0	0	0
0.003645	0	0	0	0	0	0
0.030746	0	0	0	0	0	0
0.018817	0	0	0	0	0	0
0.018696	0	0	0	0	0	0
0.015668	0	0	0	0	0	0
0.012797	0	0	0	0	0	0
0.038757	0	0	0	0	0	0
0.03597	0	0	0	0	0	0
0.053391	0	0	0	0	0	0
0.144688	0	0	0	0	0	0
0.07655	0	0	0	0	0	0
0.052568	0	0	0	0	0	0
0.045788	0	0	0	0	0	0
0.041277	0	0	0	0	0	0
0.062146	0	0	0	0	0	0
0.042047	0	0	0	0	0	0
0.071934	0	0	0	0	0	0
0.11571	0	0	0	0	0	0
0.03356	0	0	0	0	0	0
0.054644	0	0	0	0	0	0
0.087134	0	0	0	0	0	0
0.063825	0	0	0	0	0	0
0.065583	0	0	0	0	0	0
0.034353	0	0	0	0	0	0
0.035901	0	0	0	0	0	0
0.055199	0	0	0	0	0	0
0.104676	0	0	0	0	0	0
0.044612	0	0	0	0	0	0
0.212693	0	0	0	0	0	0
0.035101	0	0	0	0	0	0
0.03946	0	0	0	0	0	0

0.028399	0	0	0	0	0	0
0.037865	0	0	0	0	0	0
0.025504	0	0	0	0	0	0
0.014535	0	0	0	0	0	0
0.01416	0	0	0	0	0	0
0.017605	0	0	0	0	0	0
0.047156	0	0	0	0	0	0
0.068012	0	0	0	0	0	0
0.042791	0	0	0	0	0	0
0.031906	0	0	0	0	0	0
0.030135	0	0	0	0	0	0
0.025745	0	0	0	0	0	0
0.030969	0	0	0	0	0	0
0.027665	0	0	0	0	0	0
0.00281	0	0	0	0	0	0
0.008676	0	0	0	0	0	0
0.001565	0	0	0	0	0	0
0.001019	0	0	0	0	0	0
0.004135	0	0	0	0	0	0
0.001794	0	0	0	0	1	1
0.02709	0	0	0	0	0	0
0.01543	0	0	0	0	0	0
0.031666	0	0	0	0	0	0
0.117502	0	0	0	0	0	0
0.063196	0	0	0	0	0	0
0.059729	0	0	0	0	0	0
0.229875	0	0	0	0	0	0
0.007854	0	0	0	0	0	0
0.000596	0	0	0	0	0	0
0.002718	0	0	0	0	0	0
0.001703	0	0	0	0	0	0
0.001657	0.01	0	0	0	0	0
0.00082	0	0	0	0	0	0
0.050134	0	0	0	0	0	0
0.523412	0.16	0	0	0	0	0
0.067347	0	0	0	0	0	0
0.117666	0	0	0	0	0	0
0.040639	0	0	0	0	0	0
0.058485	0	0	0	0	0	0
0.08015	0	0	0	0	0	0
0.029001	0	0	0	0	0	0
0.028155	0	0	0	0	0	0
0.089674	0	0	0	0	0	0
0.187885	0.02	0	0	0	0	0
0.059317	0	0	0	0	0	0
0.122116	0.01	0	0	0	0	0
0.054178	0	0	0	0	0	0
0.028616	0	0	0	0	0	0
0.024685	0	0	0	0	0	0
0.024123	0	0	0	0	0	0

0.015726	0	0	0	0	0	0
0.02454	0	0	0	0	0	0
0.047902	0	0	0	0	0	0
0.020589	0	0	0	0	0	0
0.022122	0	0	0	0	0	0
0.047862	0	0	0	0	0	0
0.239809	0.01	0	0	0	0	0
0.018796	0	0	0	0	0	0
0.105515	0.01	0	0	0	0	0
0.05317	0	0	0	0	0	0
0.005559	0	0	0	0	0	0
0.004203	0	0	0	0	0	0
0.021085	0	0	0	0	0	0
0.030625	0	0	0	0	0	0
0.00601	0	0	0	0	0	0
0.016334	0	0	0	0	0	0
0.016198	0	0	0	0	0	0
0.011315	0	0	0	0	0	0
0.013467	0	0	0	0	0	0
0.443512	0.22	0	0	0	0	0
0.072645	0	0	0	0	0	0
0.051885	0	0	0	0	0	0
0.032719	0	0	0	0	0	0
0.020839	0	0	0	0	0	0
0.028466	0	0	0	4	0	4
0.071428	0	0	0	0	0	0
0.03212	0	0	0	0	0	0
0.017107	0	0	0	0	0	0
0.068993	0	0	0	0	0	0
0.055588	0	0	0	0	0	0
0.024593	0	0	0	0	0	0
0.008177	0	0	0	0	0	0
0.007283	0	0	0	0	0	0
0.030798	0	0	0	0	0	0
0.046696	0	0	0	0	0	0
0.04329	0	0	0	0	0	0
0.005188	0	0	0	0	0	0
0.006325	0	0	0	0	0	0
0.006451	0	0	0	0	0	0
0.022475	0	0	0	0	0	0
0.006755	0	0	0	0	0	0
0.036062	0	0	0	0	0	0
0.044219	0	0	0	0	0	0
0.065419	0	0	0	0	0	0
0.012104	0	0	0	0	0	0
0.015082	0	0	0	0	0	0
0.005906	0	0	0	0	0	0
0.007383	0	0	0	0	0	0
0.024225	0	0	0	0	0	0
0.009785	0	0	0	0	0	0

0.004763	0	0	0	0	0	0
0.009061	0	0	0	0	0	0
0.004067	0	0	0	0	0	0
0.142593	0	0	0	0	0	0
0.024289	0	0	0	0	0	0
0.009123	0	0	0	0	0	0
0.008525	0	0	0	0	0	0
0.021585	0	0	0	0	0	0
0.030645	0	0	0	0	0	0
0.009293	0	0	0	0	0	0
0.002972	0	0	0	0	0	0
0.011346	0	0	0	0	0	0
0.003817	0	0	0	0	0	0
0.011195	0	0	0	0	0	0
0.003991	0	0	0	0	0	0
0.005758	0	0	0	0	0	0
0.004612	0	0	0	0	0	0
0.005251	0	0	0	0	0	0
0.007399	0	0	0	0	0	0
0.002867	0	0	0	0	0	0
0.004598	0	0	0	0	0	0
0.004915	0.01	0	0	0	0	0
0.906764	0	0	0	0	0	0
0.045981	0	0	0	0	0	0
0.025575	0	0	0	0	0	0
0.047326	0	0	0	0	0	0
0.025437	0	0	0	0	0	0
0.040944	0	0	0	0	0	0
0.060047	0	0	0	0	0	0
0.04462	0	0	0	0	0	0
0.039275	0	0	0	0	0	0
0.021669	0	0	0	0	0	0
0.020631	0	0	0	0	0	0
0.026067	0	0	0	0	0	0
0.021513	0	0	0	0	0	0
0.02187	0	0	0	0	0	0
0.021682	0	0	0	0	0	0
0.021094	0	0	0	0	0	0
0.020553	0	0	0	0	0	0
0.019559	0	0	0	0	0	0
0.016789	0	0	0	0	0	0
0.036616	0	0	0	0	0	0
0.021561	0	0	0	0	0	0
0.026018	0	0	0	0	0	0
0.057244	0	0	0	0	0	0
0.036662	0	0	0	0	0	0
0.027301	0	0	0	0	0	0
0.031263	0	0	0	0	0	0
0.035106	0	0	0	0	0	0
0.071357	0	0	0	0	0	0

0.013261	0	0	0	0	0	0
0.011356	0	0	0	0	0	0
0.008575	0	0	0	0	0	0
0.027094	0	0	0	0	0	0
0.019916	0	0	0	0	0	0
0.015424	0	0	0	0	0	0
0.18925	0.03	0	0	0	0	0
0.015696	0	0	0	0	0	0
0.017205	0	0	0	0	0	0
0.015168	0	0	0	0	0	0
0.024577	0	0	0	0	0	0
0.017822	0	0	0	0	0	0
0.028497	0	0	0	0	0	0
0.005512	0	0	0	0	0	0
0.008339	0	0	0	0	0	0
0.072311	0	0	0	0	6	6
0.007308	0	0	0	0	0	0
0.004451	0	0	0	0	0	0
0.006424	0	0	5	0	0	5
0.002189	0	0	0	0	0	0
0.002903	0	0	0	0	0	0
0.009389	0	0	0	0	0	0
0.018789	0	0	0	0	0	0
0.021495	0	0	0	0	0	0
0.028497	0	0	0	0	0	0
0.006099	0	0	0	0	0	0
0.021486	0	0	0	0	0	0
0.016059	0	0	0	0	0	0
0.003165	0	0	0	0	0	0
0.011715	0	0	0	0	0	0
0.004634	0	0	0	0	0	0
0.00552	0.01	0	0	0	0	0
0.006789	0	0	0	0	0	0
0.001916	0	0	0	0	0	0
0.00406	0	0	0	0	0	0
0.00475	0	0	0	0	0	0
0.004555	0	0	0	0	0	0
0.003835	0	0	0	0	0	0
0.002393	0	0	0	0	0	0
0.065025	0	0	0	0	0	0
0.04851	0	0	0	0	0	0
0.059318	0	0	0	0	0	0
0.044749	0	0	0	0	0	0
0.048892	0	0	0	0	0	0
0.043802	0	0	0	0	0	0
0.046956	0	0	0	0	0	0
0.047326	0	0	0	0	0	0
0.048731	0	0	0	0	0	0
0.029479	0	0	0	4	0	4
0.055261	0	0	0	0	0	0

0.03627	0	0	0	0	0	0
0.05026	0	0	0	0	0	0
0.034573	0	0	0	0	0	0
0.035324	0	0	0	0	0	0
0.02892	0	0	0	0	0	0
0.06273	0	0	0	0	0	0
0.060383	0	0	0	0	0	0
0.045239	0	0	0	0	0	0
0.047883	0	0	0	0	0	0
0.069116	0	0	0	0	0	0
0.049346	0	0	0	0	0	0
0.130262	0	0	0	0	0	0
0.276233	0	0	0	0	0	0
0.018006	0	0	0	0	0	0
0.070594	0	0	0	0	0	0
0.042744	0	0	0	0	0	0
0.106735	0	0	0	0	0	0
0.035501	0	0	0	0	0	0
0.033795	0	0	0	0	0	0
0.08868	0	0	0	0	0	0
0.015419	0	0	0	0	0	0
0.044836	0	0	0	0	0	0
0.04988	0	0	0	0	0	0
0.041916	0	0	0	0	0	0
0.08363	0	0	0	0	0	0
0.140951	0	0	0	0	0	0
0.038164	0	0	0	0	0	0
0.026055	0	0	0	0	0	0
0.009163	0	0	0	0	0	0
0.046424	0	0	0	0	0	0
0.038179	0	0	0	0	0	0
0.02954	0	0	0	0	0	0
0.031566	0	0	0	0	0	0
0.028672	0	0	0	0	0	0
0.021729	0	0	0	0	0	0
0.037281	0	0	0	0	0	0
0.064941	0	0	0	0	0	0
0.071597	0	0	0	0	0	0
0.065815	0	0	0	0	0	0
0.064018	0	0	0	0	0	0
0.070011	0	0	0	0	0	0
0.120687	0	0	0	0	0	0
0.166607	0.01	0	0	0	0	0
0.298761	0.08	0	0	0	0	0
0.093101	0	0	0	0	0	0
0.046768	0	0	0	0	0	0
0.049715	0	0	0	0	0	0
0.048978	0	0	0	0	0	0
0.02426	0	0	0	0	0	0
0.03538	0	0	0	0	0	0

0.03554	0	0	0	0	0	0
0.05195	0	0	0	0	0	0
0.04986	0	0	0	0	0	0
0.055941	0	0	0	0	0	0
0.461305	0	0	0	0	0	0
0.073505	0	0	0	0	0	0
0.063183	0	0	0	0	0	0
0.043117	0	0	0	0	0	0
0.057751	0	0	0	0	0	0
0.174781	0	0	0	0	0	0
0.048531	0	0	0	0	0	0
0.049068	0	0	0	0	0	0
0.048714	0	0	0	0	0	0
0.050705	0	0	0	0	0	0
0.049732	0	0	0	0	0	0
0.055758	0	0	0	0	0	0
0.14124	0	0	0	0	0	0
0.055812	0	0	0	0	0	0
0.053426	0	0	0	0	0	0
0.059428	0	0	0	0	0	0
0.085512	0	0	0	0	0	0
0.066435	0	0	0	0	0	0
0.041494	0	0	0	0	0	0
0.02091	0	0	0	0	0	0
0.036065	0	0	0	0	0	0
0.379639	0.1	0	0	0	0	0
0.050233	0	0	0	0	0	0
0.068142	0	0	0	0	0	0
0.039924	0	0	0	0	0	0
0.06589	0	0	0	0	0	0
0.08489	0	0	0	0	0	0
0.049959	0	0	0	0	0	0
0.053127	0	0	0	0	0	0
0.037511	0	0	0	0	0	0
0.050482	0	0	0	0	0	0
0.036364	0	0	0	0	0	0
0.026918	0	0	0	0	0	0
0.01969	0	0	0	0	0	0
0.101069	0	0	0	0	0	0
0.064223	0	0	0	0	0	0
0.058079	0	0	0	0	0	0
0.035706	0	0	0	0	0	0
0.029857	0	0	0	0	0	0
0.027684	0	0	0	0	0	0
0.058321	0	0	0	0	0	0
0.005445	0	0	0	0	0	0
0.001476	0	0	0	0	0	0
0.001366	0	0	0	0	0	0
0.001464	0	0	0	0	0	0
0.002385	0	0	0	0	0	0



0.001083	0	0	0	0	0	0
0.006043	0	0	0	0	0	0
0.002882	0	0	0	0	0	0
0.002218	0	0	0	0	0	0
0.004887	0	0	0	0	0	0
0.00263	0	0	0	0	0	0
0.001577	0	0	0	0	0	0
0.006789	0	0	0	0	0	0
0.003922	0	0	0	0	0	0
0.021788	0	0	0	0	0	0
0.041953	0	0	0	0	0	0
0.078795	0	0	0	0	0	0
0.030298	0	0	0	0	0	0
0.0221	0	0	0	0	0	0
0.047244	0	0	0	0	0	0
0.031097	0	0	0	0	0	0
0.347022	0	0	0	0	0	0
0.207859	0	0	0	0	0	0
0.037567	0	0	0	0	0	0
0.075584	0	0	0	0	0	0
0.044823	0	0	0	0	0	0
0.019213	0	0	0	0	0	0
0.074193	0	0	0	0	0	0
0.014325	0	0	0	0	0	0
0.201411	0.04	0	0	0	6	6
0.047994	0	6	5	0	0	11
0.028296	0	0	0	0	0	0
0.055375	0	0	0	0	0	0
0.109979	0	0	0	0	0	0
0.10984	0	0	0	0	0	0
0.043122	0	0	0	0	0	0
0.186645	0	0	0	0	0	0
0.059092	0	0	0	0	0	0
0.057697	0	0	0	0	0	0
0.148935	0	0	0	0	0	0
0.060816	0	0	0	0	0	0
0.021871	0	0	0	0	0	0
0.039892	0	0	0	0	0	0
0.013004	0	0	0	0	0	0
0.493456	0	0	0	0	0	0
0.436683	0	0	0	0	0	0
0.007146	0	0	0	0	0	0
0.001546	0	0	0	0	0	0
0.002356	0	0	0	0	0	0
0.010595	0	0	0	0	0	0
0.003886	0	0	0	0	0	0
0.005157	0	0	0	0	0	0
0.007715	0	0	0	0	0	0
0.005295	0	0	0	0	0	0
0.003679	0	0	0	0	0	0

0.005025	0	0	0	0	0	0
0.003832	0	0	0	0	0	0
0.004885	0	0	0	0	0	0
0.015723	0	0	0	0	0	0
0.003618	0	0	0	0	0	0
0.076475	0	0	0	0	0	0
0.008508	0	0	0	0	0	0
0.008338	0	0	0	0	0	0
0.007836	0	0	0	0	0	0
0.008529	0	0	0	0	0	0
0.024523	0	0	0	0	0	0
0.006313	0	0	0	0	0	0
0.009229	0	0	0	0	0	0
0.011189	0	0	0	0	0	0
0.006639	0	0	0	0	0	0
0.024696	0	0	0	0	0	0
0.027147	0	0	0	0	0	0
0.010799	0	0	0	0	0	0
0.030332	0	0	0	0	0	0
0.029067	0	0	0	0	0	0
0.041282	0	0	0	0	0	0
0.014389	0	0	0	0	0	0
0.011415	0	0	0	0	0	0
0.007927	0	0	0	0	0	0
0.025502	0	0	0	0	0	0
0.018286	0	0	0	0	0	0
0.072007	0	0	0	0	0	0
0.066413	0	0	0	0	0	0
0.066036	0	0	0	0	0	0
0.041707	0	0	0	0	0	0
0.011164	0	0	0	0	0	0
0.011105	0	0	0	0	0	0
0.015572	0	0	0	0	0	0
0.016874	0	0	0	0	0	0
0.011774	0	0	0	0	0	0
0.040444	0	0	0	0	0	0
0.03169	0	0	0	0	0	0
0.024246	0	0	0	0	0	0
0.036878	0	0	0	0	0	0
0.04626	0	0	0	0	0	0
0.010193	0	0	0	0	0	0
0.034056	0	0	0	0	0	0
0.037099	0	0	0	0	0	0
0.029238	0	0	0	0	0	0
0.027088	0	0	0	0	0	0
0.015989	0	0	0	0	0	0
0.017235	0	0	0	0	0	0
0.045606	0	0	0	0	0	0
0.032567	0	0	0	0	0	0
0.034599	0	0	0	0	0	0

0.043281	0	0	0	0	0	0
0.059779	0	0	0	0	0	0
0.046716	0	0	0	0	0	0
0.052647	0	0	0	0	0	0
0.077226	0	0	0	0	0	0
0.160461	0	0	0	0	0	0
0.052772	0	0	0	0	0	0
0.049134	0	0	0	0	0	0
0.05282	0	0	0	0	0	0
0.037294	0	0	0	0	0	0
0.038033	0	0	0	0	0	0
0.069253	0	0	0	0	0	0
0.029508	0	0	0	0	0	0
0.037354	0	0	0	0	0	0
0.044255	0	0	0	0	0	0
0.041795	0	0	0	0	0	0
0.206626	0.26	0	0	0	0	0
0.062602	0	0	0	0	0	0
0.120825	0	0	0	0	0	0
0.102925	0	0	0	0	0	0
0.106543	0	0	0	0	0	0
0.094468	0	0	0	0	0	0
0.067849	0	0	0	0	0	0
0.07825	0	0	0	0	0	0
0.051347	0	0	0	0	0	0
0.104803	0	0	0	0	0	0
0.028071	0	0	0	0	0	0
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0.017998	0	0	0	0	0	0
0.015601	0	0	0	0	0	0
0.053557	0	0	0	0	0	0
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0.05417	0	0	0	0	0	0
0.050204	0	0	0	0	0	0
0.052991	0	0	0	0	0	0
0.057042	0	0	0	0	0	0
0.048332	0	0	0	0	0	0
0.034151	0	0	0	0	0	0
0.027987	0	0	0	0	0	0
0.504367	0	0	0	0	0	0
0.071227	0	0	0	0	0	0
0.085789	0	0	0	0	0	0
0.031456	0	0	0	0	0	0
0.02508	0	0	0	0	0	0
0.085577	0	0	0	0	0	0
0.019261	0	0	0	0	0	0
0.01694	0	0	0	0	0	0
0.022847	0	0	0	0	0	0
0.100038	0	0	0	0	0	0

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0.036124	0	0	0	0	0	0
0.045768	0	0	0	0	0	0
0.051396	0	0	0	0	0	0
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0.050019	0	0	0	0	0	0
0.067301	0	0	0	0	0	0
0.059618	0	0	0	0	0	0
0.06051	0	0	0	0	0	0
0.0475	0	0	0	0	0	0
0.041943	0	0	0	0	0	0
0.039156	0	0	0	0	0	0
0.057957	0	0	0	0	0	0
0.039447	0	0	0	0	0	0
0.052698	0	0	0	0	0	0
0.059004	0	0	0	0	0	0
0.061479	0	0	0	0	0	0
0.079987	0	0	0	0	0	0
0.027638	0	0	0	0	0	0
0.056083	0	0	0	0	0	0
0.031339	0	0	0	0	0	0
0.04401	0	0	0	0	0	0
0.015956	0	0	0	0	0	0
0.036305	0	0	0	0	0	0
0.034516	0	0	0	0	0	0
0.031886	0	0	0	0	0	0
0.015689	0	0	0	0	0	0
0.113648	0	0	0	0	0	0
0.031145	0	0	0	0	0	0
0.047623	0	0	0	0	0	0
0.032591	0	0	0	0	0	0
0.02042	0	0	0	0	0	0
0.109943	0	0	0	0	0	0
0.954314	0	0	0	0	0	0
0.05366	0	0	0	0	0	0
0.025031	0	0	0	0	0	0
0.194629	0	0	0	0	0	0
0.422749	0	0	0	0	0	0
0.399373	0	0	0	0	0	0
0.077147	0	0	0	0	0	0
0.028575	0	0	0	0	0	0
0.200899	0	0	0	0	0	0
0.112148	0	0	0	0	0	0
0.024253	0	0	0	0	0	0
0.5219	0	0	0	0	0	0
0.111809	0.05	0	0	0	0	0
0.050544	0	0	0	0	0	0
0.052752	0	0	0	0	0	0
0.036151	0	0	0	0	0	0

0.045032	0	0	0	0	0	0
0.049501	0	0	0	0	0	0
0.053417	0	0	0	0	0	0
0.045079	0	0	0	0	0	0
0.041441	0	0	0	0	0	0
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0.070235	0	0	0	0	0	0
0.062582	0	0	0	0	0	0
0.109672	0	0	0	0	0	0
0.041801	0	0	0	0	0	0
0.067139	0	0	0	0	0	0
0.173203	0	0	0	0	0	0
0.056323	0	0	0	0	0	0
0.044036	0	0	0	0	0	0
0.110239	0	0	0	0	0	0
0.08743	0	0	0	0	0	0
0.03157	0	0	0	0	0	0
0.269673	0	0	0	0	0	0
0.110064	0	0	0	0	0	0
0.047333	0	0	0	0	0	0
0.020987	0.08	0	0	0	0	0
0.03433	0.04	0	0	0	0	0
0.028046	0.02	0	0	0	0	0
0.090533	0.01	0	0	0	0	0
0.039784	0.02	0	0	0	0	0
0.011371	0	0	0	0	0	0
0.014068	0	0	0	0	0	0
0.018309	0	0	0	0	0	0
0.064744	0	0	3	0	0	3
0.05428	0	0	0	1	0	1
0.16619	0	0	0	0	0	0
0.062245	0	0	0	0	0	0
0.026568	0	0	0	0	0	0
0.018731	0	0	0	0	0	0
0.075859	0	0	0	0	0	0
0.06594	0	0	0	0	0	0
0.195909	0	0	0	0	0	0
0.104819	0	0	0	0	0	0
0.107788	0	0	0	0	0	0
0.050504	0	0	0	0	0	0
0.012472	0	0	0	0	0	0
0.004084	0	0	0	0	0	0
0.004512	0	0	0	0	0	0
0.009593	0	0	0	0	0	0
0.169342	0	0	0	0	0	0
0.357679	0	0	0	0	0	0
0.048321	0	0	0	0	0	0
0.04271	0	0	0	0	0	0
0.057309	0	0	0	0	0	0

0.06744	0	0	0	0	0	0
0.029983	0	0	0	0	0	0
0.224723	0	0	0	0	0	0
0.031285	0	0	0	0	0	0
0.014197	0	0	0	0	0	0
0.036407	0	0	0	0	0	0
0.041515	0	0	0	0	0	0
0.012089	0	0	0	0	0	0
0.060682	0	0	0	0	0	0
0.069936	0	0	0	0	0	0
0.041582	0	0	0	0	0	0
0.036239	0	0	0	0	0	0
0.043833	0	0	0	3	0	3
0.046893	0	0	0	0	2	2
0.063617	0	2	0	0	0	2
0.261116	0	0	0	2	0	2
0.074412	0	0	0	0	0	0
0.018798	0	0	0	0	0	0
0.067116	0	0	0	0	0	0
0.041916	0	0	0	0	0	0
0.021545	0	0	0	0	0	0
0.034085	0	0	0	0	0	0
0.021825	0	0	0	0	0	0
0.01795	0	0	0	0	0	0
0.032713	0	0	0	0	0	0
0.020644	0	0	0	0	0	0
0.014174	0	0	0	0	0	0
0.066116	0	0	0	0	0	0
0.020131	0	0	0	0	0	0
0.012183	0	0	0	0	0	0
0.026123	0	0	0	0	0	0
0.021961	0	0	0	0	4	4
0.032288	0	4	0	0	0	4
0.014386	0	0	0	0	0	0
0.282405	0	0	0	0	0	0
0.010032	0	0	0	0	0	0
0.007795	0	0	0	0	0	0
0.020048	0	0	0	0	0	0
0.021164	0	0	0	0	0	0
0.025196	0	0	0	0	0	0
0.035982	0	0	0	0	0	0
0.036412	0	0	0	0	0	0
0.019576	0	0	0	0	0	0
0.049314	0	0	0	0	0	0
0.035368	0	0	0	0	0	0
0.02881	0	0	0	0	0	0
0.00244	0	0	0	0	0	0
0.015863	0	0	0	0	6	6
0.003808	0	0	0	0	0	0
0.000392	0	0	0	0	0	0

0.000583	0	0	0	0	0	0
0.001465	0	0	0	0	0	0
0.012612	0	0	0	0	0	0
0.003971	0	0	0	0	0	0
0.023698	0	0	0	0	0	0
0.005692	0	0	0	0	0	0
0.005954	0	0	0	0	0	0
0.00697	0	0	0	0	0	0
0.053948	0	0	0	0	0	0
0.003679	0	0	0	0	4	4
0.000253	0	0	0	0	0	0
0.003249	0.01	0	0	0	0	0
0.003701	0	4	0	0	7	11
0.003972	0	7	0	0	0	7
0.000974	0	0	0	0	0	0
0.002669	0	0	0	0	0	0
0.007097	0	0	0	2	0	2
0.117834	0	0	0	0	0	0
0.002439	0	0	0	0	0	0
0.469159	0	0	0	0	0	0
0.031225	0	0	0	0	0	0
0.022343	0	0	0	0	0	0
0.104341	0	0	0	0	0	0
0.019895	0	0	0	0	0	0
0.001535	0	0	0	0	0	0
0.019979	0	0	0	0	0	0
0.066709	0	0	0	0	0	0
0.026336	0	0	0	0	0	0
0.048846	0	0	0	0	0	0
0.059205	0	0	0	0	0	0
0.067735	0	0	0	0	0	0
0.137426	0	0	0	0	0	0
0.146922	0	0	0	0	0	0
0.190595	0	0	0	0	0	0
0.046799	0	0	0	0	0	0
0.02418	0	0	0	0	0	0
0.178789	0	0	0	0	0	0
0.024552	0	0	0	0	4	4
0.038876	0	4	0	0	0	4
0.049891	0	0	0	0	0	0
0.006536	0	0	0	0	0	0
0.01131	0	0	0	0	0	0
0.001363	0	0	0	0	0	0
0.002144	0	0	0	0	0	0
0.000452	0	0	0	0	0	0
0.000455	0	0	0	0	0	0
0.000032	0	0	0	0	0	0
0.056989	0	0	0	0	0	0
0.057997	0	0	0	0	0	0
0.075671	0	0	0	0	0	0

0.02065	0	0	0	0	0	0
0.018749	0	0	0	0	0	0
0.030809	0	0	0	0	0	0
0.030371	0	0	0	0	0	0
0.029282	0	0	0	0	0	0
0.026025	0	0	0	0	0	0
0.055597	0	0	0	0	0	0
0.041923	0	0	0	0	0	0
0.088081	0	0	0	0	0	0
0.050418	0	0	0	0	0	0
0.05171	0	0	0	0	0	0
0.005098	0	0	0	0	0	0
0.007292	0	0	0	0	0	0
0.009153	0	0	0	0	0	0
0.00533	0	0	0	0	0	0
0.019602	0	0	0	0	0	0
0.00321	0	0	0	0	0	0
0.091146	0.04	0	3	0	0	3
0.011862	0	0	0	0	0	0
0.033792	0	0	0	0	0	0
0.002146	0	0	0	0	0	0
0.052767	0	0	0	0	0	0
0.069324	0	0	0	0	0	0
0.050804	0	0	0	0	0	0
0.045082	0	0	0	0	0	0
0.006985	0	0	0	0	0	0
0.042002	0	0	0	0	0	0
0.017877	0	0	0	0	0	0
0.007221	0	0	5	0	0	5
0.003187	0	0	0	0	0	0
0.003588	0	0	0	0	0	0
0.007304	0	0	0	0	0	0
0.008163	0	0	0	4	0	4
0.008213	0	0	0	0	0	0
0.006266	0	0	0	0	0	0
0.025277	0	0	0	0	0	0
0.06004	0	0	0	0	0	0
0.047946	0	0	0	0	0	0
0.042289	0	0	0	0	0	0
0.030429	0	0	0	0	0	0
0.026944	0	0	0	0	0	0
0.025594	0	0	0	0	0	0
0.052018	0	0	0	0	0	0
0.109022	0	0	0	0	0	0
0.058792	0	0	0	0	0	0
0.048781	0	0	0	0	0	0
0.083525	0	0	0	0	0	0
0.132631	0.01	0	0	0	0	0
0.060106	0	0	0	0	0	0
0.089217	0	0	0	0	0	0



0.145563	0	0	0	0	0	0
0.025428	0	0	0	0	0	0
0.016658	0	0	0	0	0	0
0.052094	0	0	0	0	0	0
0.038786	0	0	0	0	0	0
0.044378	0	0	0	0	0	0
0.048205	0	0	0	0	0	0
0.071774	0	0	0	0	0	0
0.053203	0	0	0	0	0	0
0.011811	0	0	0	0	0	0
0.037471	0	0	0	0	0	0
0.064164	0.01	0	0	0	0	0
0.221538	0.2	0	0	0	0	0
0.005917	0	0	0	0	0	0
0.003262	0	0	0	0	0	0
0.001211	0	0	0	0	0	0
0.000468	0	0	0	0	0	0
0.004355	0	0	0	0	0	0
0.018784	0	0	0	0	0	0
0.036123	0	0	0	0	0	0
0.005174	0	0	0	0	0	0
0.007272	0	0	0	0	0	0
0.015724	0	0	0	0	0	0
0.01423	0	0	0	0	0	0
0.013383	0	0	0	0	0	0
0.023255	0	0	0	0	0	0
0.018534	0	0	0	0	0	0
0.012228	0	0	0	0	0	0
0.011917	0	0	0	0	0	0
0.020472	0	0	0	0	0	0
0.020675	0	0	0	0	0	0
0.018823	0	0	0	0	0	0
0.014383	0	0	0	0	0	0
0.145911	0	0	0	0	0	0
0.009948	0	0	0	0	0	0
0.009555	0	0	0	0	0	0
0.009646	0	0	0	0	0	0
0.013738	0	0	0	0	0	0
0.018475	0	0	0	0	0	0
0.018335	0	0	0	0	0	0
0.014679	0	0	0	0	0	0
0.02146	0	0	0	0	0	0
0.030127	0	0	0	0	0	0
0.024199	0	0	0	0	0	0
0.023464	0	0	0	0	0	0
0.076051	0	0	28	0	0	28
0.012594	0	0	0	0	0	0
0.007758	0.01	0	0	0	0	0
0.026104	0.04	0	0	0	0	0
0.00644	0	0	0	0	0	0

0.014965	0	0	0	0	0	0
0.00961	0	0	0	0	0	0
0.010841	0	0	0	0	0	0
0.014611	0	0	4	0	0	4
0.005302	0	0	0	0	0	0
0.004073	0	0	0	0	3	3
0.060184	0	3	0	0	0	3
0.015433	0	0	0	0	0	0
0.059355	0	0	0	0	0	0
0.064074	0	0	0	0	0	0
0.029115	0	0	0	0	0	0
0.015823	0	0	0	0	0	0
0.028832	0	0	0	0	0	0
0.019842	0	0	0	0	0	0
0.006802	0	0	0	0	0	0
0.024522	0	0	0	0	0	0
0.066586	0	0	0	0	0	0
0.010728	0	0	0	0	0	0
0.03934	0	0	0	0	0	0
0.011312	0	0	0	0	0	0
0.127984	0	0	0	0	0	0
0.099805	0	3	0	0	0	3
0.002649	0	0	0	0	0	0
0.002212	0	0	0	0	0	0
0.002463	0	0	0	0	0	0
0.002516	0	0	0	0	0	0
0.001837	0	0	0	0	0	0
0.078521	0	0	3	8	0	11
0.009139	0	0	0	0	0	0
0.008778	0	0	0	0	0	0
0.007398	0	0	0	0	0	0
0.010783	0	0	0	0	0	0
0.007588	0	0	0	0	0	0
0.008891	0	0	0	0	0	0
0.006371	0	0	0	0	0	0
0.017845	0	0	0	0	0	0
0.005932	0	0	0	0	0	0
0.004605	0	0	0	0	0	0
0.107495	0.05	0	0	1	0	1
0.039201	0	0	0	0	0	0
0.015981	0	0	0	0	0	0
0.01317	0	0	0	0	0	0
0.015472	0	0	0	0	0	0
0.008212	0	0	0	0	0	0
0.011147	0	0	0	0	0	0
0.005925	0	0	0	0	0	0
0.017945	0	0	0	0	0	0
0.01173	0	0	0	0	0	0
0.008048	0	0	0	0	0	0
0.038001	0	0	0	0	0	0

0.052909	0	0	0	0	0	0
0.018687	0	0	0	0	0	0
0.016114	0	0	0	0	0	0
0.018875	0	0	0	0	0	0
0.075515	0	0	0	0	0	0
0.080084	0	0	0	0	0	0
0.022139	0	0	0	0	0	0
0.013697	0	0	0	0	0	0
0.008434	0	0	0	0	0	0
0.006652	0	0	0	0	2	2
0.005407	0	2	0	0	0	2
0.023785	0	0	0	0	0	0
0.01869	0	0	0	0	0	0
0.003838	0	0	0	0	0	0
0.003744	0	0	0	0	0	0
0.004921	0	0	0	0	0	0
0.003971	0	0	0	0	0	0
0.003392	0	0	0	0	0	0
0.014749	0	0	0	0	0	0
0.009734	0	0	0	0	0	0
0.006529	0	0	0	0	0	0
0.007137	0	0	0	0	0	0
0.014225	0	0	0	0	0	0
0.049796	0	0	0	0	0	0
0.008806	0	0	0	0	0	0
0.009786	0	0	0	0	0	0
0.083867	0	5	0	0	0	5
0.030826	0	0	0	0	0	0
0.010765	0	0	0	0	0	0
0.006775	0	0	0	0	0	0
0.004444	0	0	0	0	0	0
0.005572	0	0	0	0	0	0
0.009385	0	0	0	0	0	0
0.012827	0	0	0	0	0	0
0.017185	0	0	0	0	0	0
0.008885	0	0	0	0	0	0
0.010061	0	0	0	0	0	0
0.008638	0	0	0	0	0	0
0.008442	0	0	0	0	0	0
0.051223	0.08	0	0	0	0	0
0.106958	0	0	0	0	0	0
0.116091	0	0	0	0	0	0
0.01295	0	0	0	0	5	5
0.047833	0.04	0	0	0	0	0
0.975388	0	0	0	3	0	3
0.364597	0.14	0	0	0	0	0
0.164501	0	0	0	0	0	0
0.221342	0.03	0	0	0	0	0
0.121408	0	0	0	0	0	0
0.088325	0	0	0	0	0	0

0.02549	0	0	0	0	0	0
0.114548	0	0	0	0	0	0
0.029454	0	0	0	0	0	0
0.032587	0	0	0	0	0	0
0.039356	0	0	0	0	0	0
0.022335	0	0	0	0	0	0
0.013076	0	0	0	0	0	0
0.008526	0	0	0	0	0	0
0.008108	0	0	0	0	0	0
0.010588	0	0	0	0	0	0
0.595625	0.13	0	0	0	0	0
0.084692	0	0	0	0	0	0
0.022754	0	0	0	0	0	0
0.019107	0	0	0	0	0	0
0.008552	0	0	0	0	0	0
0.011552	0	0	0	0	0	0
0.018499	0	0	0	0	0	0
0.046359	0	0	0	0	0	0
0.023088	0	0	0	0	0	0
0.006047	0.04	0	0	0	0	0
0.003054	0.01	0	0	0	0	0
0.09225	0	0	0	0	0	0
0.004447	0	0	0	0	0	0
0.001531	0	0	0	0	0	0
0.001728	0	0	0	0	0	0
0.010106	0	0	0	0	0	0
0.045983	0	0	0	4	0	4
0.009054	0	0	0	0	0	0
0.013052	0	0	0	0	0	0
0.007708	0	0	0	0	1	1
0.174282	0	0	25	14	4	43
0.030108	0	0	0	0	0	0
0.004852	0	0	0	0	0	0
0.004942	0	0	0	0	0	0
0.00183	0	0	0	0	0	0
0.002656	0	0	0	0	0	0
0.001556	0	0	0	0	0	0
0.053569	0	0	0	0	0	0
0.053386	0	0	0	0	0	0
0.078275	0	0	0	0	0	0
0.004315	0	0	0	0	0	0
0.004155	0	0	0	0	0	0
0.003111	0	0	0	0	0	0
0.013933	0	0	0	0	0	0
0.014249	0	0	0	0	0	0
0.00342	0	0	0	0	0	0
0.004402	0	0	0	0	0	0
0.004276	0	0	0	0	0	0
0.00679	0	0	0	0	0	0
0.096216	0	0	0	0	0	0

0.003082	0	0	0	0	0	0
0.00379	0	0	0	0	0	0
0.004057	0	0	0	0	0	0
0.001793	0	0	0	0	0	0
0.00594	0	0	0	0	0	0
0.012643	0	0	0	0	0	0
0.006415	0	0	0	0	0	0
0.004187	0	0	0	0	0	0
0.050569	0.05	0	0	4	0	4
0.032393	0	0	0	0	0	0
0.15708	0	0	0	0	0	0
0.238109	0	0	0	0	0	0
0.037198	0	0	0	0	0	0
0.016996	0	0	0	0	0	0
0.022332	0	0	0	0	0	0
0.012385	0	0	0	0	0	0
0.028346	0	0	0	0	0	0
0.054547	0	0	0	0	0	0
0.199492	0.03	0	0	0	0	0
0.331572	0.12	0	0	0	1	1
0.007431	0	1	0	0	0	1
0.041808	0	0	0	0	0	0
0.013455	0	0	0	0	0	0
0.028929	0	0	0	0	0	0
0.010854	0	0	0	0	0	0
0.014837	0	0	0	0	0	0
0.026136	0	0	0	0	0	0
0.090008	0	0	0	0	0	0
0.028271	0	0	0	0	0	0
0.013171	0	0	0	0	0	0
0.222106	0.01	0	0	0	0	0
0.418563	0	0	0	0	0	0
0.513882	0	0	0	0	0	0
0.071645	0	0	0	0	0	0
0.176882	0.04	0	0	0	0	0
0.023409	0	0	0	0	0	0
0.023607	0	0	0	0	0	0
0.002786	0	0	0	0	0	0
0.004124	0	0	0	0	0	0
0.005767	0	0	0	0	0	0
0.062064	0	0	0	0	0	0
0.01145	0	0	0	0	0	0
0.006464	0	0	0	0	0	0
0.002521	0	0	0	0	0	0
0.007574	0	0	0	0	0	0
0.00199	0	0	0	0	7	7
0.004596	0	7	0	0	0	7
0.111601	0	0	0	0	0	0
0.01049	0	0	0	0	0	0
0.01947	0	0	0	0	0	0

0.029926	0	0	0	0	0	0
0.008142	0	0	0	0	0	0
0.054048	0	0	0	0	0	0
0.025106	0	0	0	0	0	0
0.025722	0	0	0	0	0	0
0.190611	0	0	0	0	0	0
0.269445	0	0	0	0	0	0
0.00888	0	0	0	0	0	0
0.012088	0	0	0	0	0	0
0.014643	0	0	0	0	0	0
0.010103	0	0	0	0	0	0
0.010611	0	0	0	0	0	0
0.011916	0	0	0	0	0	0
0.036643	0	0	0	0	0	0
0.070165	0	0	0	0	0	0
0.002829	0	0	0	0	0	0
0.012528	0	0	0	0	0	0
0.010963	0	0	0	0	0	0
0.0025	0	0	0	0	0	0
0.000977	0	0	0	0	0	0
0.001494	0	0	0	0	0	0
0.004189	0	0	0	0	0	0
0.004294	0	0	0	0	0	0
0.00618	0	0	0	0	0	0
0.006543	0	0	0	0	0	0
0.009107	0	0	0	0	0	0
0.007357	0	0	0	0	0	0
0.000787	0	0	0	0	0	0
0.008357	0	0	0	0	0	0
0.077763	0.01	0	0	0	0	0
0.030074	0	0	0	0	0	0
0.017933	0	0	0	0	0	0
0.018515	0	0	0	0	0	0
0.038795	0	0	0	0	0	0
0.010509	0	0	0	0	0	0
0.005278	0	0	0	0	0	0
0.022914	0	0	0	0	0	0
0.093738	0	0	0	0	0	0
0.048348	0	0	0	0	0	0
0.016067	0	0	0	0	0	0
0.014302	0	0	0	0	0	0
0.043553	0	0	0	0	0	0
0.001826	0	0	2	0	0	2
0.001824	0	0	0	0	0	0
0.001724	0	0	0	0	0	0
0.001268	0	0	0	0	1	1
0.010146	0	1	4	2	0	7
0.026243	0	0	24	0	0	24
0.008216	0	0	0	0	0	0
0.017764	0	0	0	6	18	24

0.015221	0	0	0	0	0	0
0.006824	0	0	0	0	0	0
0.018621	0	0	4	0	0	4
0.047788	0	0	0	0	0	0
0.042408	0	0	0	0	7	7
0.013166	0	7	0	0	0	7
0.023155	0	0	0	0	0	0
0.022592	0	0	0	0	0	0
0.008033	0	0	0	0	0	0
0.01347	0	0	0	0	0	0
0.009915	0	0	0	0	0	0
0.013794	0	0	0	0	0	0
0.009336	0	0	0	0	0	0
0.008286	0	0	0	0	0	0
0.030076	0	0	0	0	0	0
0.028765	0	0	0	0	0	0
0.017823	0	0	0	0	0	0
0.01792	0	0	0	0	0	0
0.016578	0	0	0	0	0	0
0.025433	0	0	0	0	0	0
0.015456	0	0	0	0	0	0
0.023638	0	0	0	0	0	0
0.028559	0	0	0	0	0	0
0.01946	0	0	0	0	0	0
0.016593	0	0	0	0	0	0
0.015141	0	0	0	0	0	0
0.013742	0	0	0	0	0	0
0.014048	0	0	0	0	0	0
0.039103	0	0	0	0	0	0
0.011626	0	0	0	0	0	0
0.010893	0	0	0	0	0	0
0.549582	0.22	0	0	0	0	0
0.021545	0	0	0	0	0	0
0.021175	0	0	0	0	0	0
0.03378	0	0	0	0	0	0
0.018062	0	0	0	0	0	0
0.024909	0	0	0	0	0	0
0.024466	0	0	0	0	0	0
0.032087	0	0	0	0	0	0
0.013538	0	0	0	0	0	0
0.005972	0	0	0	0	0	0
0.006988	0	0	0	0	0	0
0.000545	0	0	0	0	0	0
0.000476	0	0	0	0	0	0
0.001545	0	0	0	0	0	0
0.046114	0	0	0	0	0	0
0.039082	0	0	0	0	0	0
0.047623	0	0	0	0	0	0
0.015105	0	0	0	0	0	0
0.132858	0	0	0	0	0	0

0.047836	0	0	0	0	0	0
0.028885	0	0	0	0	0	0
0.037138	0	0	0	0	0	0
0.089238	0	0	0	0	0	0
0.050383	0	0	0	0	0	0
0.024533	0	0	0	0	0	0
0.024432	0	0	0	0	0	0
0.017405	0	0	0	0	0	0
0.041305	0	0	0	0	0	0
0.079827	0	0	0	0	0	0
0.033162	0	0	0	0	0	0
0.021234	0	0	0	0	0	0
0.011709	0	0	0	0	0	0
0.013282	0	0	0	0	0	0
0.040417	0	0	0	0	0	0
0.024763	0	0	0	0	0	0
0.0333	0	0	0	0	0	0
0.032209	0	0	0	0	0	0
0.03686	0	0	0	0	0	0
0.049389	0	0	0	0	0	0
0.048412	0	0	0	0	0	0
0.048514	0	0	0	0	0	0
0.147608	0	0	0	0	0	0
0.066364	0	0	0	0	0	0
0.087073	0	0	0	0	0	0
0.032123	0	0	0	0	0	0
0.014904	0	0	0	0	0	0
0.050558	0	0	0	0	0	0
0.023559	0	0	0	0	0	0
0.047869	0	0	0	0	0	0
0.009692	0	0	0	0	0	0
0.107614	0	0	0	0	0	0
0.051546	0	0	0	0	0	0
0.011049	0	0	0	0	0	0
0.01137	0	0	0	0	0	0
0.012833	0	0	0	0	0	0
0.017218	0	0	0	0	0	0
0.004487	0	0	0	0	0	0
0.012971	0	0	0	0	0	0
0.042695	0	0	0	0	0	0
0.328187	0	0	0	0	0	0
0.697511	0	0	0	0	0	0
0.635911	0	0	0	0	0	0
0.151029	0	0	0	0	0	0
0.673023	0	0	0	0	0	0
0.06198	0	0	0	0	0	0
0.108882	0	0	0	0	0	0
0.065756	0	0	0	0	0	0
0.026856	0	0	0	0	0	0
0.037722	0	0	0	0	0	0



0.195168	0	0	0	0	0	0
0.050277	0	0	0	0	0	0
0.118851	0	0	0	0	0	0
0.037728	0	0	0	0	0	0
0.023288	0	0	0	0	0	0
0.013611	0	0	0	0	0	0
0.006404	0	0	0	0	0	0
0.011166	0	0	0	0	0	0
0.006726	0	0	0	0	0	0
0.004557	0	0	0	0	0	0
0.004	0	0	0	0	0	0
0.003586	0	0	0	0	0	0
0.047388	0	0	0	0	0	0
0.038089	0	0	0	0	0	0
0.030535	0	0	0	0	0	0
0.050202	0	0	0	0	0	0
0.058543	0	0	0	0	0	0
0.026126	0	0	0	0	0	0
0.033367	0	0	0	0	0	0
0.031094	0	0	0	0	0	0
0.012747	0	0	0	0	5	5
0.013188	0	5	0	0	0	5
0.022039	0	0	0	0	0	0
0.062975	0	0	0	0	0	0
0.012596	0	0	0	0	0	0
0.012083	0	0	0	0	0	0
0.014022	0	0	0	0	0	0
0.00764	0	0	0	4	0	4
0.003828	0	0	0	0	0	0
0.003459	0	0	0	0	0	0
0.002589	0	0	0	0	0	0
0.011445	0	0	0	0	0	0
0.014049	0	0	0	0	0	0
0.015483	0	0	0	0	0	0
0.056065	0	0	0	0	0	0
0.040536	0	0	0	0	0	0
0.073701	0	0	0	0	0	0
0.019469	0	0	0	0	0	0
0.017453	0	0	0	0	2	2
0.064561	0	0	4	0	0	4
0.052682	0	0	0	0	0	0
0.037162	0	0	0	0	0	0
0.026897	0	0	0	0	0	0
0.020587	0	0	0	0	0	0
0.015373	0	0	0	0	0	0
0.014854	0	0	0	0	0	0
0.023549	0	0	0	0	0	0
0.055943	0	0	0	0	0	0
0.118571	0	0	0	0	0	0
0.087846	0	0	0	0	0	0

0.06125	0	0	0	0	0	0
0.061739	0	0	0	0	0	0
0.034116	0	0	0	0	0	0
0.007684	0	0	0	0	0	0
0.004762	0	0	0	0	0	0
0.005677	0	0	0	0	0	0
0.004249	0	0	0	0	0	0
0.025926	0	0	0	0	0	0
0.004811	0	0	0	0	0	0
0.603896	0.13	0	0	0	0	0
0.016241	0	0	0	0	0	0
0.290474	0	0	0	0	0	0
0.019156	0	0	0	0	0	0
0.007915	0	0	0	0	0	0
0.007208	0	0	0	0	0	0
0.005515	0	0	0	0	0	0
0.005445	0	0	3	0	0	3
0.002868	0	0	0	0	0	0
0.003656	0	0	0	0	0	0
0.014156	0	0	0	0	0	0
0.015878	0	0	0	0	0	0
0.001814	0	0	0	0	0	0
0.003098	0	0	0	0	0	0
0.018433	0	0	0	0	0	0
0.029622	0	0	0	0	0	0
0.023868	0	0	0	0	0	0
0.023349	0	0	0	0	0	0
0.077749	0	0	0	0	0	0
0.027952	0	0	0	0	0	0
0.030514	0	0	0	0	0	0
0.042221	0	0	0	0	0	0
0.048277	0	0	0	0	0	0
0.031614	0	0	0	0	0	0
0.022925	0	0	0	0	0	0
0.033486	0	0	0	0	0	0
0.114801	0	0	0	0	0	0
0.031307	0	0	0	0	0	0
0.06869	0	0	0	0	0	0
0.047386	0	0	0	0	0	0
0.018212	0	0	0	0	0	0
0.038154	0	0	0	0	0	0
0.027171	0	0	0	0	0	0
0.896337	0	0	0	0	0	0
0.046173	0	0	0	0	0	0
0.676466	0	0	0	0	0	0
0.141482	0	0	0	0	0	0
0.008684	0	0	0	0	0	0
0.003083	0	0	0	0	0	0
0.008379	0	0	0	0	0	0
0.012128	0	0	0	0	0	0

0.003489	0	0	0	0	0	0
0.00877	0	0	0	0	0	0
0.044651	0	0	0	0	0	0
0.021336	0	0	0	0	0	0
0.012003	0	0	0	0	0	0
0.012225	0	0	0	0	0	0
0.00882	0	0	0	0	0	0
0.009964	0	0	0	0	0	0
0.0087	0	0	0	0	0	0
0.007434	0	0	0	0	0	0
0.003727	0	0	0	0	0	0
0.006055	0	0	0	0	0	0
0.010086	0	0	0	0	0	0
0.004078	0	0	0	0	0	0
0.027397	0	0	0	0	0	0
0.040252	0	0	0	0	0	0
0.048465	0	0	0	0	0	0
0.075668	0	0	0	0	0	0
0.035097	0	0	0	0	0	0
0.022395	0	0	0	0	0	0
0.024494	0	0	0	0	0	0
0.024754	0	0	0	0	0	0
0.013535	0	0	0	0	0	0
0.022391	0	0	0	0	0	0
0.015094	0	0	0	0	0	0
0.016943	0	0	0	0	0	0
0.014819	0	0	0	0	0	0
0.055487	0	0	0	0	0	0
0.088501	0	0	0	0	0	0
0.138429	0	0	0	0	0	0
0.09974	0	0	0	0	0	0
0.072279	0	0	0	0	0	0
0.206434	0	0	0	0	0	0
0.135186	0	0	0	0	0	0
0.2305	0	0	0	0	0	0
0.199836	0	0	0	0	0	0
0.067522	0	0	0	0	0	0
0.109016	0	0	0	0	0	0
0.052966	0	0	0	0	0	0
0.068384	0	0	0	0	0	0
0.051895	0	0	0	0	0	0
0.031813	0	0	0	0	0	0
0.128543	0	0	0	0	0	0
0.07289	0	0	0	0	0	0
0.055098	0	0	0	0	0	0
0.02844	0	0	0	0	0	0
0.025166	0	0	0	0	0	0
0.008215	0	0	0	0	0	0
0.003725	0	0	0	0	0	0
0.007849	0	0	0	0	0	0

0.009563	0	0	0	0	0	0
0.005823	0	0	0	0	0	0
0.002122	0	0	0	0	0	0
0.007665	0	0	0	0	0	0
0.24732	0	0	0	0	0	0
0.063565	0	0	0	0	0	0
0.426751	0	0	0	0	0	0
0.15562	0	0	0	0	0	0
0.156337	0	0	0	0	0	0
0.046518	0	0	0	0	0	0
0.066971	0	0	0	0	0	0
0.001368	0	0	0	0	0	0
0.000259	0	0	0	0	0	0
0.00046	0	0	0	0	0	0
0.000379	0	0	0	0	0	0
0.393	0.03	0	0	0	0	0
0.190689	0	0	0	0	0	0
0.138179	0	0	0	0	0	0
0.447352	0	0	0	0	0	0
0.028605	0	0	0	0	0	0
0.01653	0	0	0	0	0	0
0.018652	0	0	0	0	0	0
0.022616	0	0	0	0	0	0
0.053537	0	0	0	0	0	0
0.010842	0	0	0	0	0	0
0.014557	0	0	0	0	0	0
0.014316	0	0	0	0	0	0
0.069262	0	0	0	0	0	0
0.005934	0	0	0	0	0	0
0.034061	0	0	0	0	0	0
0.006358	0	0	0	0	0	0
0.004377	0	0	0	0	0	0
0.014414	0	0	0	0	0	0
0.036654	0	0	0	0	0	0
0.023629	0	0	0	0	0	0
0.005475	0	0	0	0	0	0
0.004999	0	0	0	0	0	0
0.010676	0	0	0	0	0	0
0.039036	0	0	0	0	0	0
0.034834	0	0	0	0	0	0
0.036282	0	0	0	0	0	0
0.072822	0	0	0	4	0	4
0.010384	0	0	0	0	0	0
0.010574	0	0	0	0	0	0
0.006652	0	0	0	0	0	0
0.007509	0	0	0	0	0	0
0.036427	0	0	0	0	0	0
0.020066	0	0	0	0	0	0
0.015031	0	0	0	0	0	0
0.021544	0	0	0	0	0	0

0.021925	0	0	0	0	0	0
0.015943	0	0	0	0	0	0
0.018383	0	0	0	0	0	0
0.852799	0	0	0	0	0	0
0.862163	0	0	0	0	0	0
0.036864	0	0	0	0	0	0
0.038049	0	0	0	0	0	0
0.01373	0	0	0	0	0	0
0.048366	0	0	0	0	0	0
0.145331	0	0	0	0	0	0
0.282435	0	0	0	0	0	0
0.070812	0	0	0	0	0	0
0.091543	0	0	0	0	0	0
0.091663	0	0	0	0	0	0
0.152196	0	0	0	0	0	0
0.040665	0	0	0	0	0	0
0.039283	0	0	0	0	0	0
0.068304	0	0	0	0	0	0
0.106906	0	0	0	0	0	0
0.018903	0	0	0	0	0	0
0.009486	0	0	0	0	0	0
0.019488	0	0	0	0	0	0
0.019215	0	0	0	0	0	0
0.009772	0	0	0	0	0	0
0.012118	0	0	0	0	0	0
0.015034	0	0	0	0	0	0
0.012609	0	0	0	0	0	0
0.006144	0	0	0	0	0	0
0.029449	0	0	0	0	0	0
0.050567	0	0	0	0	0	0
0.013322	0	0	0	0	0	0
0.00821	0	0	0	0	0	0
0.013942	0	0	0	0	0	0
0.012142	0	0	0	0	0	0
0.013795	0	0	0	0	0	0
0.007031	0	0	0	0	0	0
0.007386	0	0	0	0	0	0
0.001063	0	0	0	0	0	0
0.002023	0	0	0	0	0	0
0.00208	0	0	0	0	0	0
0.00273	0	0	0	0	0	0
0.003362	0	0	0	0	0	0
0.048529	0	0	0	0	0	0
0.062309	0	0	0	0	0	0
0.046479	0	0	0	0	0	0
0.037984	0	0	0	0	0	0
0.078268	0	0	0	0	0	0
0.064847	0	0	0	0	0	0
0.024948	0	0	0	0	0	0
0.047248	0	0	0	0	0	0

0.039194	0	0	0	0	0	0
0.08659	0	0	0	0	0	0
0.044477	0	0	0	0	0	0
0.091061	0	0	0	0	0	0
0.139073	0	0	0	0	0	0
0.030006	0	0	0	0	0	0
0.049872	0	0	0	0	0	0
0.060277	0	0	0	0	0	0
0.207089	0	0	0	0	0	0
0.047588	0	0	0	0	0	0
0.062143	0	0	0	0	0	0
0.043451	0	0	0	0	0	0
0.061449	0	0	0	0	0	0
0.060572	0	0	0	0	0	0
0.633733	0	0	0	0	0	0
0.044004	0.01	0	0	0	0	0
0.104834	0	0	0	0	0	0
0.030541	0	0	0	0	0	0
0.02575	0	0	0	0	0	0
0.068944	0.04	0	0	0	0	0
0.155547	0.04	0	0	0	0	0
0.12077	0.03	0	0	0	0	0
0.119841	0.01	0	0	0	0	0
0.072212	0	0	0	0	0	0
0.118452	0.02	0	0	0	0	0
0.087808	0	0	0	0	0	0
0.035517	0	0	0	0	0	0
0.027904	0	0	0	0	0	0
0.030493	0	0	0	0	0	0
0.023817	0	0	0	0	0	0
0.023933	0	0	0	0	0	0
0.035706	0	0	0	0	0	0
0.14762	0	0	0	0	0	0
0.055922	0	0	0	0	0	0
0.10483	0	0	0	0	0	0
0.032035	0	0	0	0	0	0
0.037436	0	0	0	0	0	0
0.049039	0	0	0	0	0	0
0.028957	0	0	0	0	0	0
0.056791	0	0	0	0	0	0
0.221836	0.01	0	0	0	0	0
0.039337	0	0	0	0	0	0
0.254846	0	0	0	0	0	0
0.062318	0	0	0	0	0	0
0.055728	0	0	0	0	0	0
0.049454	0	0	0	0	0	0
0.058071	0	0	0	0	0	0
0.06369	0	0	0	0	0	0
0.074328	0	0	0	0	0	0
0.056139	0	0	0	0	0	0

0.093717	0	0	0	0	0	0
0.589802	0.25	0	0	0	0	0
0.08814	0	0	0	0	0	0
0.112625	0	0	0	0	0	0
0.05285	0	0	0	0	0	0
0.039642	0	0	0	0	0	0
0.071627	0	0	0	0	0	0
0.038572	0	0	0	0	0	0
0.041632	0	0	0	0	0	0
0.026451	0	0	0	0	0	0
0.020025	0	0	0	0	0	0
0.036646	0	0	0	0	0	0
0.03809	0	0	0	0	0	0
0.127192	0	0	0	0	0	0
0.130504	0	0	0	0	0	0
0.002449	0	0	0	0	0	0
0.241964	0	0	0	0	0	0
0.171435	0	0	0	0	0	0
0.046922	0	0	0	0	0	0
0.122388	0	0	0	0	0	0
0.044097	0	0	0	0	0	0
0.119012	0	0	0	0	0	0
0.037394	0	0	0	0	0	0
0.121838	0	0	0	0	0	0
0.089325	0	0	0	0	0	0
0.001278	0	0	0	0	0	0
0.001927	0	0	0	0	0	0
0.016791	0	0	0	0	0	0
0.015297	0	0	0	0	0	0
0.007992	0	0	0	0	0	0
0.014164	0	0	0	0	1	1
0.084851	0	0	0	0	0	0
0.017459	0	0	0	0	0	0
0.02675	0	0	0	0	0	0
0.119859	0.01	0	0	0	0	0
0.024861	0	0	0	0	0	0
0.069317	0	0	0	0	0	0
0.019798	0	0	0	0	0	0
0.015737	0	0	0	0	0	0
0.013097	0	0	0	0	0	0
0.010016	0	0	0	0	0	0
0.036496	0	0	0	0	0	0
0.018358	0	0	0	0	0	0
0.019204	0	0	0	0	0	0
0.02193	0	0	0	0	0	0
0.020008	0	0	0	0	0	0
0.011746	0	0	0	0	0	0
0.020623	0	0	0	0	0	0
0.034985	0	0	0	0	0	0
0.012146	0	0	0	0	0	0

0.014966	0	0	0	0	0	0
0.008281	0	0	0	0	0	0
0.006728	0	0	0	0	0	0
0.1097	0	0	0	0	0	0
0.028902	0	0	0	0	0	0
0.029319	0	0	0	0	0	0
0.034659	0	0	0	0	0	0
0.033125	0	0	0	0	0	0
0.038277	0	0	0	0	0	0
0.017426	0	0	0	0	0	0
0.01275	0	0	0	0	0	0
0.017614	0	0	0	0	0	0
0.014549	0	0	0	0	0	0
0.021887	0	0	0	0	0	0
0.019444	0	0	0	0	0	0
0.010349	0	0	0	0	0	0
0.0073	0	0	0	0	0	0
0.09567	0	0	0	0	0	0
0.035561	0	0	0	0	0	0
0.042964	0	0	0	0	0	0
0.010993	0	0	0	0	0	0
0.018394	0	0	0	0	0	0
0.022709	0	0	0	0	0	0
0.02249	0	0	0	0	0	0
0.012561	0	0	0	0	0	0
0.027049	0	0	0	0	0	0
0.041589	0	0	0	0	0	0
0.044628	0	0	0	0	0	0
0.04522	0	0	0	0	0	0
0.020864	0	0	0	0	0	0
0.01535	0	0	0	0	0	0
0.018502	0	0	0	0	0	0
0.01418	0	0	0	0	0	0
0.011717	0	0	0	0	0	0
0.020612	0	0	0	0	0	0
0.013845	0	0	0	0	0	0
0.017292	0	0	0	0	0	0
0.010359	0	0	0	0	0	0
0.212082	0	0	0	0	0	0
0.183273	0	0	0	0	0	0
0.102321	0	0	0	0	0	0
0.013881	0	0	0	0	0	0
0.003897	0	0	0	0	0	0
0.009041	0	0	0	0	0	0
0.30759	0	0	0	0	0	0
0.041356	0	0	0	0	0	0
0.005617	0	0	0	0	0	0
0.002615	0	0	0	0	0	0
0.001934	0	0	0	0	0	0
0.021527	0	0	0	0	0	0



0.038194	0	0	0	0	0	0
0.125051	0	0	0	0	0	0
0.26192	0	0	0	0	0	0
0.114967	0	0	0	0	1	1
0.038972	0	1	0	0	0	1
0.03334	0	0	0	0	0	0
0.054517	0	0	0	0	0	0
0.049368	0	0	0	0	0	0
0.029686	0	0	0	0	0	0
0.064217	0	0	0	0	0	0
0.117491	0	0	0	0	0	0
0.027332	0	0	0	0	0	0
0.053507	0	0	0	0	0	0
0.060658	0	0	0	0	0	0
0.03576	0	0	0	0	0	0
0.042369	0	0	0	0	0	0
0.069542	0	0	0	0	0	0
0.026929	0	0	0	0	0	0
0.020861	0	0	0	0	0	0
0.011423	0	0	0	0	0	0
0.008055	0	0	0	0	0	0
0.032038	0	0	0	0	0	0
0.015151	0	0	0	0	0	0
0.009104	0	0	0	0	0	0
0.015406	0	0	0	0	0	0
0.007574	0	0	0	0	0	0
0.009055	0	0	0	0	0	0
0.092907	0	0	0	0	0	0
0.05141	0	0	0	0	0	0
0.125975	0	0	0	0	0	0
0.002747	0	0	0	0	0	0
0.169848	0	0	0	0	0	0
0.165853	0	0	2	2	0	4
0.242028	0	0	0	0	0	0
0.087845	0	0	0	0	0	0
0.079854	0	0	0	0	0	0
0.036154	0	0	0	0	0	0
0.042108	0	0	0	0	0	0
0.341082	0	0	0	0	0	0
0.064461	0	0	0	0	0	0
0.074188	0	0	0	0	0	0
0.134524	0	0	0	0	0	0
0.068263	0	0	0	0	0	0
0.047752	0	0	0	0	0	0
0.072686	0	0	0	0	0	0
0.064821	0	0	0	0	0	0
0.628196	0.05	0	0	0	0	0
0.411928	0	0	0	0	0	0
0.380547	0	0	0	0	0	0
0.037305	0	0	0	0	0	0

0.034522	0	0	0	0	0	0
0.043434	0	0	0	0	0	0
0.044278	0	0	0	0	0	0
0.088124	0	0	0	0	0	0
0.037496	0	0	0	0	0	0
0.674343	0.07	0	0	0	0	0
0.00385	0	2	0	0	0	2
0.005663	0	0	0	0	0	0
0.253272	0	0	0	0	0	0
0.023116	0	0	0	0	0	0
0.007153	0	0	0	0	0	0
0.014186	0	0	0	0	0	0
0.025124	0	0	0	0	0	0
0.014726	0	0	0	0	0	0
0.033079	0	0	0	0	0	0
0.017685	0	0	0	0	0	0
0.003959	0	0	0	0	0	0
0.005574	0	0	0	0	0	0
0.00734	0	0	0	0	0	0
0.071816	0	0	0	0	0	0
0.047587	0	0	0	0	0	0
0.047669	0	0	0	0	0	0
0.042272	0	0	0	0	0	0
0.096764	0	0	0	0	0	0
0.166613	0	0	0	0	0	0
0.101998	0	0	0	0	0	0
0.024158	0	0	0	0	0	0
0.01602	0	0	0	0	0	0
0.021023	0	0	0	0	0	0
0.016835	0	0	0	0	0	0
0.014299	0	0	0	0	0	0
0.016417	0	0	0	0	0	0
0.014588	0	0	0	0	0	0
0.008048	0	0	0	0	0	0
0.008572	0	0	0	0	0	0
0.023065	0	0	0	0	0	0
0.016193	0	0	0	0	0	0
0.012742	0	0	0	0	0	0
0.017661	0	0	0	0	0	0
0.017632	0	0	0	0	0	0
0.02815	0	0	0	0	0	0
0.017113	0	0	0	0	0	0
0.019714	0	0	0	0	0	0
0.03969	0	0	0	0	0	0
0.017679	0	0	0	0	0	0
0.0214	0	0	0	0	0	0
0.095928	0	0	0	0	0	0
0.017895	0	0	0	0	0	0
0.121987	0	0	0	0	0	0
0.033837	0	0	0	0	0	0

0.06915	0	0	0	0	0	0
0.008689	0	0	0	0	0	0
0.078894	0	0	0	0	0	0
0.168373	0	0	4	4	0	8
0.122797	0	0	0	0	0	0
0.23474	0	0	0	0	0	0
0.185008	0	0	0	0	0	0
0.038081	0	0	0	0	0	0
0.007495	0	0	0	0	0	0
0.021424	0	0	0	0	0	0
0.106363	0	0	0	0	0	0
0.056553	0	0	0	0	0	0
0.06221	0	0	0	0	0	0
0.122102	0	0	0	0	0	0
0.105187	0	0	0	0	0	0
0.05093	0	0	0	0	0	0
0.124024	0	0	0	0	0	0
0.455296	0.09	0	0	0	0	0
0.049472	0	0	0	0	0	0
0.089968	0.01	0	0	0	0	0
0.057256	0	0	0	0	0	0
0.026905	0	0	0	0	0	0
0.054561	0	0	0	0	0	0
0.04857	0	0	0	0	0	0
0.057438	0	0	0	0	0	0
0.066002	0	0	0	0	0	0
0.049612	0	0	0	0	0	0
0.073273	0	0	0	0	0	0
0.063126	0	0	0	0	0	0
0.046644	0	0	0	0	0	0
0.040652	0	0	0	0	0	0
0.022697	0	0	0	0	0	0
0.211916	0	0	0	0	0	0
0.027074	0	0	0	0	0	0
0.030456	0	0	0	0	0	0
0.0124	0	0	0	0	0	0
0.010998	0	0	0	0	0	0
0.113591	0	0	0	0	0	0
0.147795	0	0	0	0	0	0
0.020535	0	0	0	0	0	0
0.015908	0	0	0	0	0	0
0.017579	0	0	0	0	0	0
0.061699	0	0	0	0	0	0
0.020268	0	0	0	0	0	0
0.070212	0	0	0	0	0	0
0.197581	0	0	0	0	0	0
0.081474	0	0	0	0	0	0
0.056029	0	0	0	0	0	0
0.040118	0	0	0	0	0	0
0.017912	0	0	0	0	0	0

0.100235	0	0	0	0	0	0
0.031464	0	0	0	0	0	0
0.015822	0	0	0	0	0	0
0.019181	0	0	0	0	0	0
0.017805	0	0	0	0	0	0
0.075317	0	0	0	0	0	0
0.169012	0	0	0	0	0	0
0.267038	0	0	0	0	0	0
0.016021	0	0	0	0	0	0
0.030181	0	0	0	0	0	0
0.032142	0	0	0	0	0	0
0.051389	0	0	0	0	0	0
0.04531	0	0	0	0	0	0
0.070338	0	0	0	0	0	0
0.063444	0	0	0	0	0	0
0.05223	0	0	0	0	0	0
0.059786	0	0	0	0	0	0
0.052492	0	0	0	0	0	0
0.097603	0	0	0	0	0	0
0.041769	0	0	0	0	0	0
0.14415	0	0	0	0	0	0
0.074298	0	0	0	0	0	0
0.077985	0	0	0	0	0	0
0.079963	0	0	0	0	0	0
0.044405	0	0	0	0	0	0
0.005576	0	0	0	0	0	0
0.009173	0	0	0	0	0	0
0.00835	0	0	0	0	0	0
0.004628	0	0	0	0	0	0
0.042157	0	0	0	0	0	0
0.042609	0	0	0	0	0	0
0.036794	0	0	0	0	0	0
0.025088	0	0	0	0	0	0
0.035209	0	0	0	0	0	0
0.022224	0	0	0	0	0	0
0.027571	0	0	0	0	0	0
0.04645	0	0	0	0	0	0
0.035247	0	0	0	0	0	0
0.041556	0	0	0	0	0	0
0.036067	0	0	0	0	0	0
0.050954	0	0	0	0	0	0
0.033868	0	0	0	0	0	0
0.031252	0	0	0	0	0	0
0.033571	0	0	0	0	0	0
0.056732	0	0	0	0	0	0
0.040097	0	0	0	0	0	0
0.011023	0	0	0	0	0	0
0.011792	0	0	0	0	0	0
0.017789	0	0	0	0	0	0
0.009886	0	0	0	0	0	0

0.014516	0	0	0	0	0	0
0.027308	0	0	0	0	0	0
0.018057	0	0	0	0	0	0
0.034134	0	0	0	0	0	0
0.100006	0	0	0	0	0	0
0.149868	0	0	0	0	0	0
0.02456	0	0	0	0	0	0
0.02491	0	0	0	0	0	0
0.186508	0	0	0	0	0	0
0.422904	0	0	0	0	0	0
0.281109	0	0	0	0	0	0
0.146469	0	0	0	0	0	0
0.212963	0	0	0	0	0	0
0.018264	0	0	0	0	0	0
0.018871	0	0	0	0	0	0
0.02882	0	0	0	0	0	0
0.169812	0	0	0	0	0	0
0.198157	0	0	0	0	0	0
0.134521	0	0	0	0	1	1
0.028429	0	1	0	0	0	1
0.012881	0	0	0	0	0	0
0.055478	0	0	0	0	0	0
0.039388	0	0	0	0	0	0
0.012055	0	0	0	0	0	0
0.128426	0	0	0	0	0	0
0.100202	0	0	0	0	0	0
0.024621	0	0	0	0	0	0
0.038854	0	0	0	0	0	0
0.048883	0	0	0	0	0	0
0.032022	0	0	0	0	0	0
0.017761	0	0	0	0	0	0
0.026389	0	0	0	0	0	0
0.046309	0	0	0	0	0	0
0.064476	0	0	0	0	0	0
0.213833	0	0	0	0	0	0
0.309085	0	0	0	0	0	0
0.336386	0	0	0	0	0	0
0.105928	0	0	0	0	0	0
0.045575	0	0	0	0	0	0
0.13416	0	0	0	0	0	0
0.05186	0	0	0	0	0	0
0.041795	0	0	0	0	0	0
0.068084	0	0	0	0	0	0
0.112932	0	0	0	0	0	0
0.077476	0	0	0	0	0	0
0.192875	0	0	0	0	0	0
0.142981	0	0	0	0	0	0
0.095385	0	0	0	0	0	0
0.056778	0	0	0	0	0	0
0.193122	0	0	0	0	0	0

0.846253	0.08	0	0	0	0	0
0.740298	0	0	0	0	0	0
0.596387	0.05	0	0	0	0	0
0.04439	0	0	0	0	0	0
0.151601	0	0	0	0	0	0
0.947699	0	0	0	0	0	0
0.173463	0	0	0	0	0	0
0.027548	0	0	0	0	0	0
0.017528	0	0	0	0	0	0
0.025914	0	0	0	0	0	0
0.020065	0	0	0	0	0	0
0.020836	0	0	0	0	0	0
0.003807	0	0	0	0	0	0
0.001899	0	0	0	0	0	0
0.009353	0	0	0	0	5	5
0.007758	0	5	0	0	0	5
0.001776	0	0	0	0	0	0
0.004179	0	0	0	0	0	0
0.006705	0	0	0	0	0	0
0.39123	0	0	0	0	0	0
0.353191	0	0	0	0	0	0
0.148303	0	0	0	0	0	0
0.451527	0	0	0	0	0	0
0.131972	0	0	0	0	0	0
0.0002	0	0	0	0	0	0
0.040728	0	0	0	0	0	0
0.059765	0	0	0	0	0	0
0.024644	0	0	0	0	0	0
0.034782	0	0	0	0	0	0
0.088612	0	0	0	0	0	0
0.017021	0	0	0	0	0	0
0.023092	0	0	0	0	0	0
0.020498	0	0	0	0	0	0
0.026535	0	0	0	0	0	0
0.038455	0	0	0	0	0	0
0.03245	0	0	0	0	0	0
0.034494	0	0	0	0	0	0
0.031338	0	0	0	0	0	0
0.026138	0	0	0	0	0	0
0.019279	0	0	0	0	0	0
0.046446	0	0	0	0	0	0
0.023778	0	0	0	0	0	0
0.012602	0	0	0	0	0	0
0.43741	0.02	0	0	0	0	0
0.026852	0	0	0	0	3	3
0.0319	0	3	0	0	0	3
0.046264	0	0	0	0	0	0
0.035559	0	0	0	0	0	0
0.033814	0	0	0	0	0	0
0.060026	0	0	0	0	0	0

0.035446	0	0	0	0	0	0
0.028315	0	0	0	0	0	0
0.056076	0	0	0	0	0	0
0.03241	0	0	0	0	0	0
0.026442	0.05	0	0	1	0	1
0.002941	0	0	0	0	0	0
0.003025	0.01	0	0	0	0	0
0.006538	0.01	0	0	0	0	0
0.023856	0	0	0	0	0	0
0.018853	0	0	0	0	0	0
0.015558	0	0	0	0	0	0
0.409759	0	0	0	0	0	0
0.050223	0	0	0	0	0	0
0.009087	0	0	0	0	0	0
0.019962	0	0	0	0	0	0
0.027707	0	0	0	0	0	0
0.032467	0	0	0	0	0	0
0.007897	0	0	0	0	0	0
0.009019	0	0	0	0	0	0
0.007671	0	0	0	0	0	0
0.036663	0	0	0	0	0	0
0.127608	0.03	0	0	0	0	0
0.006847	0	0	0	0	0	0
0.008895	0	0	0	0	0	0
0.007707	0	0	0	0	0	0
0.005987	0	0	0	0	0	0
0.00903	0	0	0	0	0	0
0.008684	0	0	0	0	0	0
0.018968	0	0	0	0	0	0
0.003387	0	0	0	0	3	3
0.014284	0	3	0	0	1	4
0.073686	0.32	1	0	0	0	1
0.00945	0	0	0	0	0	0
0.01329	0	0	0	0	0	0
0.01631	0	0	0	0	0	0
0.012893	0	0	0	0	0	0
0.016721	0	0	0	0	0	0
0.007334	0	0	0	0	0	0
0.015021	0	0	0	0	0	0
0.018963	0	0	0	0	0	0
0.015863	0	0	0	0	0	0
0.001684	0	0	0	0	0	0
0.003529	0	0	0	0	0	0
0.002977	0	0	0	0	0	0
0.007608	0	0	3	3	2	8
0.002056	0	2	0	0	0	2
0.00281	0	0	0	0	0	0
0.006316	0.01	0	0	0	0	0
0.002838	0	0	0	0	0	0
0.003729	0	0	0	0	0	0

0.007818	0	0	0	0	0	0
0.00311	0	0	0	0	0	0
0.003125	0	0	0	0	0	0
0.003994	0	0	0	0	0	0
0.006916	0.01	0	0	0	0	0
0.004207	0	0	0	0	0	0
0.011968	0	0	0	0	0	0
0.009003	0	0	0	0	0	0
0.050468	0	0	0	0	0	0
0.046742	0	0	0	0	0	0
0.031887	0	0	0	0	0	0
0.046201	0	0	0	0	0	0
0.032286	0	0	0	0	0	0
0.112265	0	0	0	0	0	0
0.076324	0	0	0	0	0	0
0.033539	0	0	0	0	0	0
0.032381	0	0	0	0	0	0
0.054252	0	0	0	0	0	0
0.030635	0	0	0	0	0	0
0.029284	0	0	0	0	0	0
0.052782	0	0	0	0	0	0
0.037071	0	0	0	0	0	0
0.208381	0	0	0	0	0	0
0.016028	0	0	0	0	0	0
0.005886	0	0	0	0	0	0
0.01403	0	0	0	0	0	0
0.031149	0	0	0	0	0	0
0.017937	0	0	0	0	0	0
0.058962	0	0	0	0	0	0
0.076783	0	0	0	0	0	0
0.082056	0	0	0	0	0	0
0.051111	0	0	0	0	0	0
0.035882	0	0	0	0	0	0
0.030804	0	0	0	0	0	0
0.028671	0	0	0	0	0	0
0.024996	0	0	0	0	0	0
0.018475	0	0	0	0	0	0
0.059316	0	0	0	0	0	0
0.13439	0	0	0	0	0	0
0.060946	0	0	0	0	0	0
0.061296	0	0	0	0	0	0
0.055427	0	0	0	0	0	0
0.041732	0	0	0	0	4	4
0.062843	0	0	0	0	0	0
0.065572	0	0	0	0	0	0
0.048598	0	0	0	0	0	0
0.056868	0	0	0	0	0	0
0.04918	0	0	0	0	0	0
0.209442	0	0	0	0	0	0
0.116896	0	0	0	0	0	0



0.165622	0	0	0	0	0	0
0.060948	0	0	0	0	0	0
0.035627	0	0	0	0	0	0
0.022867	0	0	0	0	0	0
0.112198	0	0	0	0	0	0
0.02036	0	0	0	0	0	0
0.091787	0	0	0	0	0	0
0.017906	0	0	0	0	0	0
0.048997	0	0	0	0	0	0
0.049705	0	0	0	0	0	0
0.303141	0	0	0	0	0	0
0.080513	0	0	0	0	0	0
0.046193	0	0	4	4	0	8
0.052049	0	0	0	0	5	5
0.03031	0	5	0	0	0	5
0.101227	0	0	0	0	0	0
0.051035	0	0	0	0	0	0
0.016567	0	0	0	0	0	0
0.028035	0	0	0	0	0	0
0.046292	0	0	0	0	0	0
0.231667	0	0	0	0	0	0
0.046649	0	0	0	0	0	0
0.032112	0	0	0	0	0	0
0.025313	0	0	0	0	0	0
0.057115	0	0	0	0	0	0
0.040445	0	0	0	0	0	0
0.077275	0	0	0	0	3	3
0.005809	0	0	0	0	0	0
0.002738	0	0	0	0	0	0
0.003478	0	0	0	0	0	0
0.009711	0.01	0	0	0	0	0
0.006359	0	0	0	0	0	0
0.052704	0.19	0	0	0	0	0
0.033811	0	0	0	0	0	0
0.032068	0	0	0	0	0	0
0.071572	0	0	0	0	0	0
0.039786	0	0	0	0	0	0
0.060701	0	0	0	0	0	0
0.070478	0	0	0	0	0	0
0.023967	0	0	0	0	0	0
0.0676	0	0	0	0	0	0
0.028874	0	0	0	0	0	0
0.045971	0	0	0	0	0	0
0.071128	0	0	0	0	0	0
0.028765	0	0	0	0	0	0
0.031352	0	0	0	0	0	0
0.105503	0	0	0	0	0	0
0.013665	0	0	0	0	0	0
0.021185	0	0	0	0	0	0
0.030099	0	0	0	0	0	0

0.008622	0	0	0	0	0	0
0.156659	0	0	0	0	0	0
0.1923	0	0	0	0	0	0
0.019537	0	0	0	0	0	0
0.033147	0	0	0	0	0	0
0.104463	0	0	0	0	0	0
0.069919	0	0	0	0	0	0
0.023559	0	0	0	0	0	0
0.01304	0	0	0	0	0	0
0.38533	0.07	0	0	0	0	0
0.038611	0	0	0	0	0	0
0.049905	0	0	0	0	0	0
0.062362	0	0	0	0	0	0
0.093029	0	0	0	0	3	3
0.037048	0	3	0	0	0	3
0.066819	0	0	0	0	0	0
0.040176	0	0	0	0	0	0
0.045931	0	0	0	0	0	0
0.012777	0	0	0	0	0	0
0.03014	0	0	0	0	0	0
0.010694	0	0	0	0	0	0
0.02904	0	0	0	0	0	0
0.011869	0	0	0	0	0	0
0.085778	0	0	0	0	0	0
0.012263	0	0	0	0	0	0
0.011872	0	0	0	0	0	0
0.018855	0	0	0	0	0	0
0.028523	0	0	0	0	0	0
0.032632	0	0	0	0	0	0
0.030661	0	0	0	0	0	0
0.118637	0	0	0	0	0	0
0.05993	0	0	0	0	0	0
0.164943	0	0	0	0	0	0
0.02136	0	0	0	0	0	0
0.004299	0	0	0	0	0	0
0.049459	0	0	0	0	0	0
0.003218	0	0	0	0	0	0
0.006197	0	0	0	0	0	0
0.003126	0	0	0	0	0	0
0.002697	0	0	0	0	0	0
0.047982	0	0	0	0	0	0
0.016624	0	0	0	0	0	0
0.00399	0	0	0	0	0	0
0.006471	0	0	0	0	0	0
0.004218	0	0	0	0	0	0
0.005369	0	0	0	0	0	0
0.006777	0	0	0	0	0	0
0.002593	0	0	0	0	0	0
0.002138	0	0	0	0	0	0
0.004094	0	0	0	0	0	0

0.006598	0.03	0	0	0	0	0
0.021707	0	0	0	0	0	0
0.120876	0	0	0	0	0	0
0.002367	0	0	0	0	0	0
0.057036	0	0	0	0	0	0
0.040886	0	0	0	0	0	0
0.046895	0	0	0	0	0	0
0.137184	0	0	0	0	0	0
0.043869	0	0	0	0	0	0
0.181413	0	0	0	0	0	0
0.133026	0	0	0	0	0	0
0.092901	0	0	0	0	0	0
0.066365	0	0	0	0	0	0
0.028572	0	0	0	0	0	0
0.089992	0	0	0	0	0	0
0.037119	0	0	0	0	0	0
0.059388	0	0	0	0	0	0
0.044003	0	0	0	0	0	0
0.047703	0	0	0	0	0	0
0.034743	0	0	0	0	0	0
0.136084	0	0	0	0	0	0
0.110417	0	0	0	0	0	0
0.241574	0	0	0	0	0	0
0.089603	0	0	0	0	0	0
0.029605	0	0	0	0	0	0
0.02749	0	0	0	0	0	0
0.049313	0	0	0	0	0	0
0.022973	0	0	0	0	0	0
0.009366	0	0	0	0	0	0
0.007153	0	0	0	0	0	0
0.006825	0	0	0	0	0	0
0.087809	0	0	0	0	0	0
0.086524	0	0	0	0	0	0
0.029131	0	0	0	0	0	0
0.020737	0	0	0	0	0	0
0.12409	0	0	0	0	0	0
0.050641	0	0	0	0	0	0
0.015062	0	0	0	0	0	0
0.006702	0	0	0	0	0	0
0.021874	0	0	0	0	0	0
0.567111	0	0	0	0	0	0
0.029756	0	0	0	0	0	0
0.253435	0	0	0	4	0	4
0.004606	0	0	0	0	0	0
0.007375	0	0	0	0	0	0
0.004732	0	0	0	0	0	0
0.005145	0	0	0	0	0	0
0.003166	0	0	0	0	0	0
0.015684	0	0	0	0	0	0
0.002763	0	0	0	0	0	0

0.004734	0	0	0	0	0	0
0.041514	0	0	0	0	0	0
0.105112	0	0	0	0	0	0
0.056452	0	0	0	0	0	0
0.042721	0	0	0	0	0	0
0.084504	0	0	0	0	0	0
0.055467	0	0	0	0	0	0
0.116588	0	0	0	0	0	0
0.067833	0	0	0	0	0	0
0.05666	0	0	0	0	0	0
0.027245	0	0	0	0	0	0
0.015021	0	0	0	0	0	0
0.072664	0	0	0	0	0	0
0.095568	0	0	0	0	0	0
0.190155	0	0	0	0	0	0
0.168331	0	0	0	0	0	0
0.104213	0	0	0	0	0	0
0.006509	0	0	0	0	0	0
0.00149	0	0	0	0	0	0
0.022021	0	0	0	0	0	0
0.215967	0.01	0	0	0	0	0
0.015764	0	0	0	0	0	0
0.018076	0	0	0	0	0	0
0.026562	0	0	0	0	0	0
0.016852	0	0	0	0	0	0
0.006298	0	0	0	0	0	0
0.01011	0	0	0	0	0	0
0.022749	0	0	0	0	0	0
0.007285	0	0	0	0	0	0
0.005666	0	0	0	0	0	0
0.010579	0	0	0	0	0	0
0.010602	0	0	0	0	0	0
0.018663	0	0	0	0	0	0
0.063521	0	0	0	0	0	0
0.016429	0	0	0	0	0	0
0.009608	0	0	0	0	0	0
0.181528	0	0	0	0	0	0
0.019978	0	0	0	0	0	0
0.016006	0	0	0	0	0	0
0.027017	0	0	0	0	0	0
0.023029	0	0	0	0	0	0
0.030562	0	0	0	0	0	0
0.031958	0	0	0	0	0	0
0.011349	0	0	0	0	0	0
0.001228	0	0	0	0	0	0
0.005753	0	0	0	0	0	0
0.002275	0	0	0	0	0	0
0.005968	0	0	0	0	0	0
0.00188	0	0	0	0	0	0
0.002513	0	0	0	0	0	0

0.001167	0	0	0	0	0	0
0.000937	0	0	0	0	0	0
0.002502	0	0	0	0	0	0
0.002472	0	0	0	0	0	0
0.000547	0	0	0	0	0	0
0.00394	0	0	0	0	0	0
0.000616	0	0	0	0	0	0
0.002138	0	0	0	0	0	0
0.006361	0	0	0	0	0	0
0.003067	0	0	0	0	0	0
0.036877	0	0	0	0	0	0
0.008902	0	0	0	0	0	0
0.056061	0	0	0	0	0	0
0.002699	0	0	0	0	0	0
0.000914	0	0	0	0	0	0
0.003283	0	0	0	0	0	0
0.16247	0	0	0	0	0	0
0.000851	0	0	0	0	0	0
0.005589	0	0	0	0	0	0
0.02184	0	0	0	0	0	0
0.019662	0	0	0	0	0	0
0.06863	0	0	0	0	0	0
0.065013	0.01	0	0	0	0	0
0.10966	0	0	0	0	0	0
0.009329	0	0	0	0	0	0
0.04057	0.01	0	0	0	0	0
0.015103	0	0	0	0	0	0
0.013951	0	0	0	0	0	0
0.017783	0	0	0	0	0	0
0.010005	0	0	0	0	0	0
0.057884	0	0	0	0	0	0
0.003091	0	0	0	0	0	0
0.009301	0	0	0	0	0	0
0.005116	0	0	0	0	0	0
0.007638	0	0	0	0	0	0
0.004488	0	0	0	0	0	0
0.005709	0	0	0	0	0	0
0.039004	0	0	0	0	0	0
0.019307	0	0	0	0	0	0
0.010763	0	0	0	0	0	0
0.010876	0	0	0	0	0	0
0.01142	0	0	0	0	0	0
0.009882	0	0	0	0	0	0
0.016831	0	0	0	0	0	0
0.02751	0	0	0	0	0	0
0.090727	0	0	0	0	0	0
0.165781	0	0	0	0	0	0
0.055979	0	0	0	0	0	0
0.061182	0	0	0	0	0	0
0.015371	0	0	0	0	0	0

0.020068	0	0	0	0	0	0
0.011997	0	0	0	0	0	0
0.017104	0	0	0	0	0	0
0.01619	0	0	0	0	0	0
0.050996	0	0	0	0	0	0
0.017531	0	0	0	0	0	0
0.011548	0	0	0	0	0	0
0.015048	0	0	0	0	0	0
0.017432	0	0	0	0	0	0
0.00653	0	0	0	0	0	0
0.028073	0	0	0	0	0	0
0.006015	0	0	0	0	0	0
0.103942	0	0	0	0	0	0
0.006649	0	0	0	0	0	0
0.007729	0	0	0	0	0	0
0.006129	0	0	0	0	0	0
0.004011	0	0	0	0	0	0
0.004118	0	0	0	0	0	0
0.006807	0	0	0	0	0	0
0.005899	0	0	0	0	0	0
0.004205	0	0	0	0	0	0
0.025404	0	0	0	0	0	0
0.013702	0	0	0	0	0	0
0.005768	0	0	0	0	0	0
0.024289	0	0	0	0	0	0
0.008538	0	0	0	0	0	0
0.039825	0	0	0	0	0	0
0.046268	0	0	0	0	0	0
0.03136	0	0	0	0	0	0
0.035754	0	0	0	0	0	0
0.024432	0	0	0	0	0	0
0.016188	0	0	0	0	0	0
0.019128	0	0	0	0	0	0
0.020283	0	0	0	0	0	0
0.033936	0	0	0	0	0	0
0.021455	0	0	0	0	0	0
0.059597	0	0	0	0	0	0
0.014894	0	0	0	0	0	0
0.007271	0	0	0	0	0	0
0.004108	0	0	0	0	0	0
0.012518	0	0	0	0	0	0
0.067838	0	0	0	0	0	0
0.029801	0	0	0	0	0	0
0.007551	0	0	0	0	0	0
0.030695	0	0	0	0	0	0
0.008254	0	0	0	0	0	0
0.008263	0	0	0	0	0	0
0.011584	0	0	0	0	0	0
0.014278	0	0	0	0	0	0
0.024868	0	0	0	0	0	0

0.007893	0	0	0	0	0	0
0.00417	0	0	0	0	0	0
0.003996	0	0	0	0	0	0
0.003324	0	0	0	0	0	0
0.003027	0	0	0	0	0	0
0.020498	0	0	0	0	0	0
0.003757	0	0	0	0	0	0
0.001998	0	0	0	0	0	0
0.00471	0	0	0	0	0	0
0.002522	0	0	0	0	0	0
0.005645	0	0	0	0	0	0
0.008631	0	0	0	0	0	0
0.005519	0	0	0	0	0	0
0.010071	0	0	0	0	0	0
0.022836	0	0	0	0	0	0
0.011837	0	0	0	0	0	0
0.092155	0	0	0	0	0	0
0.130445	0	0	0	0	0	0
0.047888	0	0	0	0	0	0
0.695887	0.11	0	2	2	0	4
0.017858	0	0	0	0	0	0
0.013764	0	0	0	0	0	0
0.023884	0	0	0	0	0	0
0.012176	0	0	0	0	0	0
0.012029	0	0	0	0	0	0
0.186408	0.08	0	0	0	0	0
0.660782	0	0	0	0	0	0
0.068938	0	0	0	0	0	0
0.036851	0	0	0	0	0	0
0.025877	0	0	0	0	0	0
0.02856	0	0	0	0	0	0
0.010859	0	0	0	0	0	0
0.01586	0	0	0	0	0	0
0.004218	0	0	0	0	0	0
0.004333	0	0	0	0	0	0
0.00397	0	0	0	0	0	0
0.002401	0	0	0	0	0	0
0.074608	0	0	0	0	0	0
0.060639	0	0	0	0	0	0
0.069434	0	0	0	0	0	0
0.054972	0	0	0	0	0	0
0.072408	0	0	0	0	0	0
0.049126	0	0	0	0	0	0
0.183254	0	0	0	0	0	0
0.079738	0	0	0	0	0	0
0.047459	0	0	0	0	0	0
0.193948	0	0	0	0	0	0
0.051659	0	0	0	0	0	0
0.053714	0	0	0	0	0	0
0.051048	0	0	0	0	0	0

0.05615	0	0	0	0	0	0
0.09268	0	0	0	0	0	0
0.069966	0	0	0	0	0	0
0.030383	0	0	0	0	0	0
0.015829	0	0	0	0	0	0
0.024746	0	0	0	0	0	0
0.01636	0	0	0	0	0	0
0.007498	0	0	0	0	0	0
0.012613	0	0	0	0	0	0
0.026893	0	0	0	0	0	0
0.064701	0	0	0	0	0	0
0.043012	0	0	0	0	0	0
0.065645	0	0	0	0	0	0
0.049108	0	0	0	0	0	0
0.04115	0	0	0	0	0	0
0.063894	0	0	0	0	1	1
0.067829	0	1	0	0	0	1
0.031011	0	0	0	0	0	0
0.027009	0	0	0	0	0	0
0.0612	0	0	0	0	0	0
0.025481	0	0	0	0	0	0
0.029709	0	0	0	0	0	0
0.01925	0	0	0	0	0	0
0.036385	0	0	0	0	0	0
0.030568	0	0	0	0	0	0
0.031553	0	0	0	0	0	0
0.029661	0	0	0	0	0	0
0.037857	0	0	0	0	0	0
0.043557	0	0	0	0	0	0
0.507105	0.19	0	0	0	0	0
0.077173	0	0	0	0	0	0
0.022598	0	0	0	0	0	0
0.024346	0	0	0	0	0	0
0.076507	0	0	0	0	0	0
0.021906	0	5	0	0	0	5
0.022198	0	0	0	0	0	0
0.01928	0	0	0	0	0	0
0.0097	0	0	0	0	0	0
0.110701	0	0	0	0	0	0
0.022045	0	0	0	0	0	0
0.014287	0	0	0	0	0	0
0.029667	0	0	0	0	0	0
0.027609	0	0	0	0	0	0
0.033657	0	0	0	0	0	0
0.023415	0	0	0	0	0	0
0.040415	0	0	0	0	0	0
0.024682	0	0	0	0	0	0
0.05554	0	0	0	0	0	0
0.054484	0	0	0	0	0	0
0.067132	0	0	0	0	0	0



0.03038	0	0	0	0	0	0
0.07607	0	0	0	0	0	0
0.027451	0	0	0	0	0	0
0.007615	0	0	0	0	0	0
0.006476	0	0	0	0	0	0
0.005913	0	0	0	0	0	0
0.004694	0	0	0	0	0	0
0.006391	0	0	0	0	0	0
0.005131	0	0	0	0	0	0
0.007535	0	0	0	0	0	0
0.001978	0	0	0	0	0	0
0.003541	0	0	0	0	0	0
0.011251	0	0	0	0	0	0
0.45937	0	0	0	0	0	0
0.010418	0	0	0	0	0	0
0.014305	0	0	0	0	0	0
0.015388	0	0	0	0	0	0
0.013331	0	0	0	0	0	0
0.028749	0	0	0	0	0	0
0.066596	0	0	0	0	0	0
0.027282	0	0	0	0	0	0
0.004133	0	0	0	0	0	0
0.005954	0	0	0	0	0	0
0.0027	0	0	0	0	0	0
0.002437	0	0	0	0	0	0
0.005599	0	0	0	0	0	0
0.016946	0	0	0	0	0	0
0.010155	0	0	0	0	0	0
0.019431	0	0	0	0	0	0
0.014198	0	0	0	0	0	0
0.008872	0	0	0	0	0	0
0.012747	0	0	0	0	0	0
0.024871	0	0	0	0	0	0
0.012259	0	0	0	0	0	0
0.009104	0	0	0	0	0	0
0.00607	0	0	0	0	0	0
0.025484	0	0	0	0	0	0
0.049189	0	0	0	0	0	0
0.010251	0	0	0	0	0	0
0.012135	0	0	0	0	0	0
0.020683	0	0	0	0	0	0
0.019486	0	0	0	0	0	0
0.010166	0	0	0	0	0	0
0.005802	0	0	0	0	0	0
0.010302	0	0	0	0	0	0
0.010255	0	0	0	0	0	0
0.012834	0	0	0	0	0	0
0.019705	0	0	0	0	0	0
0.073491	0	0	0	0	0	0
0.010086	0	0	0	0	0	0

0.011047	0	0	0	0	0	0
0.006607	0	0	0	0	0	0
0.14514	0	0	0	0	0	0
0.285718	0	8	0	0	0	8
0.049458	0	8	0	0	0	8
0.03718	0	0	0	0	0	0
0.049307	0	0	0	0	0	0
0.084428	0	0	0	0	0	0
0.183037	0	0	0	0	0	0
0.025107	0	0	0	0	0	0
0.015273	0	0	0	0	0	0
0.137628	0.05	0	0	0	0	0
0.185417	0	0	0	0	0	0
0.066023	0.12	0	0	0	0	0
0.043017	0	0	0	0	0	0
0.117609	0.23	0	0	0	0	0
0.065718	0	0	0	0	0	0
0.138599	0	0	0	0	8	8
0.038148	0	0	0	0	0	0
0.043065	0	0	0	0	0	0
0.019035	0	0	0	0	0	0
0.074501	0	0	0	0	0	0
0.015061	0	0	0	0	0	0
0.050779	0	0	0	0	0	0
0.043136	0	0	0	0	0	0
0.020128	0	0	0	0	0	0
0.015086	0	0	0	0	0	0
0.007916	0	0	0	0	0	0
0.012853	0	0	0	0	0	0
0.01682	0	0	0	0	0	0
0.076814	0	0	0	0	0	0
0.057857	0	0	0	0	0	0
0.054457	0	0	0	0	0	0
0.078404	0	0	0	0	0	0
0.294902	0	0	0	0	0	0
0.096286	0	0	0	0	0	0
0.261107	0	0	0	0	0	0
0.077261	0	0	0	0	0	0
0.073571	0	0	0	0	0	0
0.071265	0	0	0	0	0	0
0.014502	0	0	0	0	0	0
0.03813	0	0	0	0	0	0
0.010804	0	0	0	0	0	0
0.011599	0	0	0	0	0	0
0.015127	0	0	0	0	0	0
0.015202	0	0	0	0	0	0
0.023137	0	0	0	0	0	0
0.019526	0	0	0	0	0	0
0.026899	0	0	0	0	0	0
0.021914	0	0	0	0	0	0

0.019352	0	0	0	0	0	0
0.016337	0	0	0	0	0	0
0.013779	0	0	0	0	0	0
0.016297	0	0	0	0	0	0
0.026175	0	0	0	0	0	0
0.018691	0	0	0	0	0	0
0.025713	0	0	0	0	0	0
0.022649	0	0	0	0	0	0
0.0204	0	0	0	0	0	0
0.047709	0	0	0	0	0	0
0.069936	0	0	0	0	0	0
0.009962	0	0	0	0	0	0
0.00408	0	0	0	0	0	0
0.032649	0	0	0	0	0	0
0.012943	0	0	0	0	0	0
0.035953	0	0	0	0	0	0
0.032333	0	0	0	0	0	0
0.183762	0	0	0	0	0	0
0.034968	0	0	0	0	0	0
0.015599	0	0	0	0	0	0
0.05453	0.02	0	0	0	0	0
0.063039	0.03	0	0	0	0	0
0.07224	0	0	0	0	0	0
0.022845	0	0	0	0	0	0
0.01282	0	0	0	0	0	0
0.003633	0	0	0	0	0	0
0.032874	0	0	0	0	0	0
0.035919	0	0	0	0	0	0
0.011594	0	0	0	0	0	0
0.095543	0	0	0	0	0	0
0.015078	0	0	0	0	0	0
0.074715	0	0	0	0	0	0
0.021232	0	0	0	0	0	0
0.02116	0	0	0	0	0	0
0.017941	0	0	0	0	0	0
0.017578	0	0	0	0	0	0
0.011641	0	0	0	0	0	0
0.019304	0	0	0	0	0	0
0.0281	0	0	0	0	0	0
0.098404	0	0	0	0	0	0
0.119852	0	0	0	0	0	0
0.014708	0	0	0	0	0	0
0.024468	0	0	0	0	0	0
0.104825	0	0	0	0	0	0
0.039499	0	0	0	0	0	0
0.073644	0	0	0	0	0	0
0.044249	0	0	0	0	0	0
0.014653	0	0	0	0	0	0
0.016275	0	0	0	0	0	0
0.016621	0	0	0	0	0	0

0.007661	0	0	0	0	0	0
0.008652	0	0	0	0	0	0
0.007447	0	0	0	0	0	0
0.021933	0	0	0	0	0	0
0.017907	0	0	0	0	0	0
0.044466	0	0	0	0	0	0
0.041323	0	0	0	0	0	0
0.06459	0	0	0	0	7	7
0.267988	0	7	0	0	0	7
0.152214	0.01	0	0	3	0	3
0.031245	0	0	0	0	0	0
0.012051	0	0	0	0	0	0
0.047013	0	0	0	0	0	0
0.041913	0	0	0	0	0	0
0.151142	0.18	0	0	0	0	0
0.005191	0	0	0	0	0	0
0.001714	0	0	0	0	0	0
0.003377	0	0	0	0	0	0
0.003428	0	0	0	0	0	0
0.009288	0	0	0	0	0	0
0.04285	0	0	0	0	0	0
0.012627	0	0	0	0	0	0
0.021975	0	0	0	0	0	0
0.006374	0	0	0	0	0	0
0.036807	0	0	0	0	0	0
0.004318	0	0	0	0	0	0
0.003925	0	0	0	0	0	0
0.053151	0	0	0	0	0	0
0.017555	0	0	0	0	0	0
0.006648	0	0	0	0	0	0
0.016437	0	0	0	0	0	0
0.017409	0	0	0	0	0	0
0.006712	0	0	0	0	0	0
0.010069	0	0	0	0	0	0
0.02039	0	0	0	0	0	0
0.091817	0	0	0	0	0	0
0.020723	0	0	0	0	0	0
0.008163	0	0	0	0	0	0
0.020544	0	0	0	0	0	0
0.005923	0	0	0	0	0	0
0.011868	0	0	0	0	0	0
0.00973	0	0	0	0	0	0
0.012305	0	0	0	0	0	0
0.014045	0	0	0	0	0	0
0.009967	0	0	0	0	0	0
0.059462	0	0	0	0	0	0
0.025956	0	0	0	0	0	0
0.144307	0	2	0	4	2	8
0.027717	0	0	0	0	0	0
0.018055	0	0	0	0	0	0

0.007348	0	0	0	0	0	0
0.005698	0	0	0	0	0	0
0.001203	0	0	0	0	0	0
0.019746	0	0	0	0	0	0
0.143875	0.04	0	0	0	0	0
0.00524	0	0	0	0	0	0
0.008927	0	0	0	0	0	0
0.008977	0	0	0	0	0	0
0.018009	0	0	0	0	0	0
0.007716	0	0	0	0	0	0
0.011828	0	0	0	0	0	0
0.013031	0	0	0	0	0	0
0.039256	0	0	0	0	0	0
0.004609	0	0	0	0	0	0
0.018007	0	0	0	0	0	0
0.027983	0	0	0	0	0	0
0.028016	0	0	0	0	0	0
0.022231	0	0	0	0	0	0
0.038105	0	0	0	0	0	0
0.026109	0	0	0	0	0	0
0.020079	0	0	0	0	0	0
0.019921	0	0	0	0	0	0
0.00931	0	0	0	0	0	0
0.027913	0	0	0	0	0	0
0.005415	0	0	0	0	0	0
0.036652	0	0	0	0	0	0
0.039914	0	0	0	0	1	1
0.035248	0	1	0	0	0	1
0.050376	0	0	0	0	0	0
0.008611	0	0	0	0	0	0
0.036777	0	0	0	0	0	0
0.038764	0	0	0	0	0	0
0.043628	0	0	0	0	0	0
0.028487	0	0	0	0	0	0
0.030102	0	0	0	0	0	0
0.011983	0	0	0	0	0	0
0.035129	0	0	0	0	0	0
0.044145	0	0	0	0	0	0
0.004564	0	0	0	0	0	0
0.006827	0	0	0	0	0	0
0.002632	0	0	0	0	0	0
0.00842	0	0	0	0	0	0
0.006354	0	0	0	0	0	0
0.008871	0.01	0	0	0	0	0
0.010541	0	0	0	0	0	0
0.054596	0	0	0	0	0	0
0.031655	0	0	0	0	0	0
0.026855	0	0	0	0	0	0
0.020162	0	0	0	0	0	0
0.087269	0	0	0	0	0	0

0.005748	0	0	0	0	0	0
0.00685	0	0	0	0	0	0
0.017806	0	0	0	0	0	0
0.005143	0	0	0	0	0	0
0.004288	0	0	0	0	0	0
0.020435	0	0	0	0	0	0
0.035727	0	0	0	4	0	4
0.031705	0	0	0	0	0	0
0.075051	0	0	0	0	0	0
0.019254	0	0	0	0	0	0
0.02016	0	0	0	0	0	0
0.08326	0	0	0	0	0	0
0.010476	0	0	0	0	0	0
0.01025	0	0	0	0	0	0
0.013941	0	0	0	0	0	0
0.036211	0	0	0	0	0	0
0.017439	0	0	0	0	0	0
0.023118	0	0	0	0	0	0
0.041514	0	0	0	0	0	0
0.018761	0	0	0	0	0	0
0.012526	0	0	0	0	0	0
0.022733	0	0	0	0	0	0
0.008279	0	0	0	0	0	0
0.02575	0	0	0	0	0	0
0.047657	0	0	0	0	0	0
0.331194	0	0	0	0	0	0
0.064688	0	0	0	0	0	0
0.110947	0	0	0	0	0	0
0.297256	0.1	0	0	0	0	0
0.028861	0	0	0	0	0	0
0.019797	0	0	0	0	0	0
0.029846	0	0	0	0	0	0
0.015144	0	0	0	0	0	0
0.03201	0	0	0	0	0	0
0.043412	0	0	0	0	0	0
0.016265	0	0	0	0	0	0
0.02433	0	0	0	0	0	0
0.046309	0	0	0	0	0	0
0.077486	0	0	0	0	0	0
0.014366	0	0	0	0	0	0
0.048731	0	0	0	0	0	0
0.017196	0	0	0	0	0	0
0.014897	0.01	0	0	0	0	0
0.002047	0	0	0	0	0	0
0.032609	0	0	0	0	0	0
0.030541	0	0	0	0	0	0
0.048025	0	0	0	0	0	0
0.05195	0	0	0	0	0	0
0.404064	0	0	0	0	0	0
0.007558	0	0	0	0	0	0

0.0214	0	0	0	0	0	0
0.006997	0	0	0	0	0	0
0.00947	0	0	0	0	0	0
0.111305	0	0	0	0	0	0
0.048498	0	0	0	0	0	0
0.052247	0	0	0	0	0	0
0.080926	0	0	0	0	0	0
0.0289	0	0	0	0	0	0
0.011609	0	0	0	0	0	0
0.404702	0	0	0	0	0	0
0.017619	0	0	0	0	0	0
0.019295	0	0	0	0	0	0
0.020687	0	0	0	0	0	0
0.016003	0	0	0	0	0	0
0.014919	0	0	0	0	0	0
0.015205	0	0	0	0	0	0
0.010811	0	0	0	0	0	0
0.007792	0	0	0	0	0	0
0.011101	0	0	0	0	0	0
0.00726	0	0	0	0	0	0
0.007086	0	0	0	0	0	0
0.022331	0	0	0	0	0	0
0.019379	0	0	0	0	0	0
0.009755	0	0	0	0	0	0
0.008483	0	0	0	0	0	0
0.010243	0	0	0	0	0	0
0.008123	0	0	0	0	0	0
0.008703	0	0	0	0	0	0
0.005902	0	0	0	0	0	0
0.009301	0	0	0	0	0	0
0.010571	0	0	0	0	0	0
0.016567	0	0	0	0	0	0
0.034098	0	0	0	0	0	0
0.007151	0	0	0	0	0	0
0.030178	0	0	0	0	0	0
0.007304	0	0	0	0	0	0
0.028904	0	0	0	0	0	0
0.021095	0	0	0	0	0	0
0.024397	0	0	0	0	0	0
0.012367	0	0	0	0	0	0
0.020796	0	0	0	0	0	0
0.06617	0	0	0	0	0	0
0.02984	0	0	0	0	0	0
0.004507	0	0	0	0	0	0
0.003717	0	0	0	0	0	0
0.004245	0	0	0	0	0	0
0.002521	0	0	0	0	0	0
0.002393	0	0	0	0	0	0
0.002208	0	0	0	0	0	0
0.00263	0	0	0	0	0	0

0.005748	0	0	0	0	0	0
0.003633	0	0	0	0	0	0
0.005884	0	0	0	0	0	0
0.002655	0	0	0	0	0	0
0.002818	0	0	0	0	0	0
0.002782	0	0	0	0	0	0
0.001767	0	0	0	0	0	0
0.003874	0	0	0	0	0	0
0.028107	0	0	0	0	0	0
0.003334	0	0	0	0	0	0
0.003037	0	0	0	0	0	0
0.006195	0	0	0	0	1	1
0.001971	0	0	0	0	0	0
0.003563	0	0	0	0	14	14
0.017432	0	14	0	0	0	14
0.003324	0	1	0	0	0	1
0.005008	0	0	0	0	0	0
0.010618	0	0	0	0	1	1
0.002593	0	1	0	0	0	1
0.002864	0	0	0	0	0	0
0.186552	0.1	0	0	0	0	0
0.047517	0	0	0	0	0	0
0.022824	0	0	0	0	0	0
0.040196	0	0	0	0	0	0
0.012752	0	0	0	0	0	0
0.013879	0	0	0	0	0	0
0.03738	0	0	0	0	0	0
0.062244	0	0	0	0	0	0
0.041208	0	0	0	0	0	0
0.032922	0	0	0	0	0	0
0.036685	0	0	0	0	0	0
0.061228	0	0	0	0	0	0
0.031391	0	0	0	0	0	0
0.026849	0	0	0	0	0	0
0.01976	0	0	0	0	0	0
0.044737	0	0	0	0	0	0
0.117921	0	0	0	0	0	0
0.033174	0	0	0	0	0	0
0.068136	0	0	0	0	0	0
0.050216	0	0	0	0	0	0
0.037119	0	0	0	0	0	0
0.04426	0	0	0	0	0	0
0.00641	0	0	0	0	0	0
0.005494	0	0	0	0	0	0
0.023404	0	0	0	0	0	0
0.059805	0	0	0	0	0	0
0.028893	0	0	0	0	0	0
0.036479	0	0	0	0	0	0
0.02584	0	0	0	0	0	0
0.027627	0	0	0	0	0	0



0.040135	0	0	0	0	0	0
0.036991	0	0	0	0	0	0
0.013344	0	0	0	0	0	0
0.003949	0	0	0	0	0	0
0.026752	0	0	0	0	0	0
0.018204	0	0	0	0	0	0
0.009207	0	0	0	0	0	0
0.013433	0	0	0	0	0	0
0.016756	0	0	0	0	0	0
0.013977	0	0	0	0	0	0
0.015298	0	0	0	0	0	0
0.014791	0	0	0	0	0	0
0.024087	0	0	0	0	0	0
0.016306	0	0	0	0	0	0
0.022764	0	0	0	0	0	0
0.028488	0	0	0	0	0	0
0.012923	0	0	0	0	0	0
0.005939	0	0	0	0	0	0
0.002979	0	0	0	0	0	0
0.006245	0	0	0	0	0	0
0.002819	0	0	0	0	0	0
0.003595	0	0	0	0	0	0
0.006454	0	0	0	0	0	0
0.014199	0	0	0	0	0	0
0.006058	0	0	0	0	0	0
0.009751	0	0	0	0	0	0
0.006255	0	0	0	0	0	0
0.052122	0	0	0	0	0	0
0.008375	0	0	0	0	0	0
0.010251	0	0	0	0	0	0
0.006929	0	0	0	0	0	0
0.010128	0	0	0	0	0	0
0.01331	0	0	0	0	0	0
0.009445	0	0	0	0	0	0
0.022918	0	0	0	0	0	0
0.013265	0	0	0	0	0	0
0.006831	0	0	0	0	0	0
0.007666	0	0	0	0	0	0
0.014596	0	0	0	0	0	0
0.005348	0	0	0	0	0	0
0.00913	0	0	0	0	0	0
0.02362	0	0	0	0	0	0
0.06115	0	0	0	0	0	0
0.060414	0	0	0	0	0	0
0.298729	0	0	0	0	0	0
0.057971	0	0	0	0	0	0
0.049077	0	0	0	0	0	0
0.060091	0	0	0	0	0	0
0.061868	0	0	0	0	0	0
0.131824	0	0	0	0	0	0

0.087523	0	0	0	0	0	0
0.085879	0	0	0	0	0	0
0.054139	0	0	0	0	0	0
0.109363	0	0	0	0	0	0
0.145985	0	0	0	0	0	0
0.115727	0	0	0	0	0	0
0.142457	0	0	0	0	0	0
0.037621	0	0	0	0	0	0
0.097415	0	0	0	0	0	0
0.040316	0	0	0	0	0	0
0.026291	0	0	0	0	0	0
0.061901	0	0	0	0	0	0
0.066303	0	0	0	0	0	0
0.071095	0	0	0	0	0	0
0.066281	0	0	0	0	0	0
0.094288	0	0	0	0	0	0
0.099379	0	0	0	0	0	0
0.037439	0	0	0	0	0	0
0.008297	0	0	0	0	0	0
0.014283	0	0	0	0	0	0
0.041309	0	0	0	0	0	0
0.059393	0	0	0	0	0	0
0.048907	0	0	0	0	0	0
0.065259	0	0	0	0	0	0
0.046926	0	0	0	0	0	0
0.015882	0	0	0	0	0	0
0.027282	0	0	0	0	0	0
0.017713	0	0	0	0	0	0
0.018366	0	0	0	0	0	0
0.013723	0	0	0	0	0	0
0.030319	0	0	0	0	0	0
0.027542	0	0	0	0	0	0
0.011594	0	0	0	0	0	0
0.014782	0	0	0	0	0	0
0.006503	0	0	0	0	0	0
0.024115	0	0	0	0	0	0
0.015142	0	0	0	0	0	0
0.010782	0	0	0	0	0	0
0.015465	0	0	0	0	0	0
0.010449	0	0	0	0	0	0
0.05856	0	0	0	0	0	0
0.03353	0	0	0	0	0	0
0.030467	0	0	0	0	0	0
0.029046	0	0	0	0	0	0
0.03038	0	0	0	0	0	0
0.005106	0	0	0	0	0	0
0.005566	0	0	0	0	0	0
0.016538	0	0	0	0	0	0
0.004359	0	0	0	0	0	0
0.017795	0	0	0	0	0	0

0.012954	0	0	0	0	0	0
0.015727	0	0	0	0	0	0
0.001926	0	1	0	0	0	1
0.004842	0	0	0	0	0	0
0.000894	0	0	0	0	0	0
0.007793	0	0	0	0	0	0
0.003581	0	0	0	0	0	0
0.064994	0	0	0	0	0	0
0.064684	0	0	0	0	0	0
0.169206	0	0	0	0	0	0
0.55406	0	0	0	0	0	0
0.059839	0	0	0	0	0	0
0.061336	0	0	0	0	0	0
0.194551	0	0	0	0	0	0
0.084906	0	0	0	0	0	0
0.029758	0	0	0	0	0	0
0.039211	0	0	0	0	0	0
0.027101	0	0	0	0	0	0
0.022164	0	0	0	0	0	0
0.039719	0	0	2	0	0	2
0.033579	0	0	0	0	0	0
0.023698	0	0	0	0	0	0
0.02361	0	0	0	0	0	0
0.657683	0	0	0	0	0	0
0.009444	0	0	22	22	0	44
0.001145	0	0	0	0	0	0
0.001447	0	0	11	11	5	27
0.005117	0	0	0	0	0	0
0.000463	0	0	0	0	0	0
0.104921	0	0	0	0	0	0
0.000841	0	0	0	0	0	0
0.003851	0	0	0	0	0	0
0.035897	0	0	0	0	0	0
0.000462	0	0	0	0	0	0
0.130515	0	0	0	0	0	0
0.002677	0	0	0	0	0	0
0.000932	0	0	0	2	0	2
0.066615	0	0	0	0	0	0
0.001324	0.01	0	0	0	0	0
0.001267	0.03	0	0	0	0	0
0.000495	0.03	0	0	0	0	0
0.080955	0.3	0	0	0	0	0
0.000833	0.01	0	0	0	0	0
0.000942	0	0	0	0	0	0
0.000952	0.01	0	0	0	0	0
0.000792	0	0	0	0	0	0
0.000216	0	0	0	0	0	0
0.0016	0	0	0	0	0	0
0.000016	0	0	0	0	0	0
0.001318	0	0	0	0	13	13

0.000395	0	13	0	0	0	13
0.001969	0	0	0	0	0	0
0.00001	0	0	0	0	0	0
0.010916	0	0	0	0	0	0
0.002275	0	0	0	0	0	0
0.002263	0	0	0	0	0	0
0.005706	0	0	0	0	0	0
0.001081	0	0	0	0	0	0
0.000514	0	0	0	0	0	0
0.001431	0	0	0	0	0	0
0.000887	0	0	0	0	0	0
0.0006	0	0	0	0	0	0
0.002422	0	0	0	0	0	0
0.004166	0	0	0	0	0	0
0.004638	0	0	0	0	0	0
0.003296	0	0	0	0	0	0
0.004299	0	0	0	0	0	0
0.002909	0	0	0	0	0	0
0.003455	0	0	0	0	0	0
0.007336	0	0	0	0	0	0
0.023676	0	0	0	0	0	0
0.003383	0	0	0	0	0	0
0.002183	0	0	0	0	0	0
0.002192	0	0	0	0	0	0
0.002738	0	0	0	0	0	0
0.001856	0	0	0	0	0	0
0.002931	0	0	0	0	0	0
0.002978	0	0	0	0	0	0
0.015829	0.01	0	0	0	0	0
0.004734	0	0	0	0	0	0
0.004789	0	0	0	0	0	0
0.003265	0	0	0	0	0	0
0.003604	0	0	0	0	0	0
0.002935	0	0	0	0	0	0
0.010586	0	0	0	0	0	0
0.040184	0	0	0	0	0	0
0.004704	0	0	0	0	0	0
0.007291	0	0	0	0	0	0
0.007135	0	0	0	0	0	0
0.00629	0	0	0	0	0	0
0.006584	0	0	0	0	0	0
0.010699	0	0	0	0	0	0
0.04898	0	0	0	0	0	0
0.057031	0	0	0	0	0	0
0.024334	0	0	0	0	0	0
0.015845	0	0	0	0	0	0
0.024059	0	0	0	0	0	0
0.01323	0	0	0	0	0	0
0.023221	0	0	0	0	0	0
0.010315	0	0	0	0	0	0

0.020334	0	0	0	0	0	0
0.013752	0	0	0	0	0	0
0.011761	0	0	0	0	0	0
0.022751	0	0	0	0	0	0
0.040028	0	0	0	0	0	0
0.022474	0	0	0	0	0	0
0.034236	0	0	0	0	0	0
0.383791	0.1	0	0	0	0	0
0.034629	0	0	0	0	0	0
0.076483	0	0	0	0	0	0
0.079805	0	0	0	0	0	0
0.024271	0	0	0	0	0	0
0.020238	0	0	0	0	0	0
0.012714	0	0	0	0	0	0
0.00405	0	0	0	0	0	0
0.008757	0	0	0	0	0	0
0.006715	0	0	0	0	0	0
0.061182	0	0	0	0	0	0
0.004298	0	0	0	0	0	0
0.088443	0	0	0	0	0	0
0.025902	0	0	0	0	0	0
0.0149	0	0	0	0	0	0
0.127873	0	0	0	0	0	0
0.013145	0	0	0	0	0	0
0.012334	0	0	0	0	0	0
0.047153	0	0	0	0	0	0
0.013756	0	0	0	0	0	0
0.013659	0	0	0	0	0	0
0.018598	0	0	0	0	0	0
0.007096	0	0	0	0	0	0
0.017855	0	0	0	0	0	0
0.023119	0	0	0	0	0	0
0.022723	0	0	0	0	0	0
0.90348	0.38	0	0	0	0	0
0.00064	0	0	0	0	0	0
0.001418	0	0	0	0	0	0
0.001054	0	0	0	0	5	5
0.03922	0	0	0	0	0	0
0.000387	0	0	0	0	0	0
0.03742	0	0	0	0	0	0
0.011978	0	0	0	0	0	0
0.026324	0	0	0	0	0	0
0.013474	0.01	0	0	0	0	0
0.005948	0	0	0	0	0	0
0.000019	0	0	0	0	0	0
0.000138	0	0	0	0	0	0
0.000262	0	0	0	0	0	0
0.000571	0	0	0	0	0	0
0.000097	0	0	0	0	0	0
0.000429	0	0	0	0	0	0

0.000275	0	0	0	0	0	0
0.000095	0	0	0	0	0	0
0.000287	0	0	0	0	0	0
0.000191	0	0	0	0	0	0
0.000427	0	0	0	0	0	0
0.010531	0	0	0	0	0	0
0.000748	0	0	0	0	0	0
0.000326	0	0	0	0	0	0
0.000891	0	0	0	0	3	3
0.000626	0	3	0	0	0	3
0.056262	0	0	0	0	0	0
0.075265	0	0	0	0	0	0
0.035246	0	0	0	0	0	0
0.035748	0	0	0	0	0	0
0.032502	0	0	0	0	0	0
0.024478	0	0	0	0	0	0
0.039959	0	0	0	0	0	0
0.116768	0	0	0	0	0	0
0.029978	0	0	0	0	0	0
0.032937	0	0	0	0	0	0
0.045058	0	0	0	0	0	0
0.048155	0	0	0	0	0	0
0.058417	0	0	0	0	0	0
0.037056	0	0	0	0	0	0
0.066491	0	0	0	0	0	0
0.055521	0	0	0	0	0	0
0.032168	0	0	0	0	0	0
0.033126	0	0	0	0	0	0
0.065599	0	0	0	0	0	0
0.040401	0	0	0	0	0	0
0.031822	0	0	0	0	0	0
0.052267	0	0	0	0	0	0
0.037183	0	0	0	0	0	0
0.02779	0	0	0	0	0	0
0.042529	0	0	0	0	0	0
0.06358	0	0	0	0	0	0
0.039636	0	0	0	0	0	0
0.047174	0	0	0	0	0	0
0.04687	0	0	0	0	0	0
0.042916	0	0	0	0	0	0
0.05323	0	0	0	0	0	0
0.009289	0	0	0	0	0	0
0.01088	0	0	0	0	0	0
0.011735	0	0	0	0	0	0
0.005372	0	0	0	0	0	0
0.004888	0	0	0	0	0	0
0.004673	0	0	0	0	0	0
0.00375	0	0	0	0	0	0
0.003319	0	0	0	0	0	0
0.004145	0	0	0	0	0	0

0.004144	0	0	0	0	0	0
0.01294	0	0	0	0	0	0
0.003682	0	0	0	0	0	0
0.002231	0	0	0	0	0	0
0.009294	0	0	0	0	0	0
0.011503	0	0	0	0	0	0
0.011822	0	0	0	0	0	0
0.008726	0	0	0	0	0	0
0.00991	0	0	0	0	0	0
0.007188	0	0	0	0	0	0
0.007697	0	0	0	0	0	0
0.058893	0	0	0	0	0	0
0.01148	0	0	0	0	0	0
0.029933	0	0	0	0	0	0
0.018782	0	0	0	0	0	0
0.006804	0	0	0	0	0	0
0.010657	0	0	0	0	0	0
0.074314	0	0	0	0	0	0
0.054737	0	0	0	0	0	0
0.022155	0	0	0	0	0	0
0.029585	0	0	0	0	0	0
0.028145	0	0	0	0	0	0
0.01213	0	0	0	0	0	0
0.022419	0	0	0	0	0	0
0.016723	0	0	0	0	0	0
0.021813	0	0	0	0	0	0
0.014767	0	0	0	0	0	0
0.051683	0	0	0	0	0	0
0.042793	0	0	0	0	0	0
0.047781	0	0	0	0	0	0
0.047733	0	0	0	0	0	0
0.061342	0	0	0	0	0	0
0.042289	0	0	0	0	0	0
0.086034	0	0	0	0	0	0
0.053441	0	0	0	0	0	0
0.006983	0	0	0	0	0	0
0.006516	0	0	0	0	0	0
0.014717	0	0	0	0	0	0
0.013168	0	0	0	0	0	0
0.02846	0	0	0	0	0	0
0.008066	0	0	0	0	0	0
0.005161	0	0	0	0	0	0
0.005479	0	0	0	0	0	0
0.078568	0	0	0	0	0	0
0.018131	0	0	0	0	0	0
0.004424	0	0	0	0	0	0
0.011003	0	0	0	0	0	0
0.022169	0.01	0	0	0	0	0
0.03234	0.03	0	0	0	0	0
0.011258	0	0	0	0	0	0

0.007945	0	0	0	0	0	0
0.045032	0	0	0	0	0	0
0.023413	0	0	0	0	2	2
0.028421	0	0	0	0	0	0
0.044932	0	0	0	0	0	0
0.038822	0.04	0	0	0	0	0
0.029765	0	0	0	0	2	2
0.009974	0	2	0	0	0	2
0.00968	0	0	0	0	0	0
0.160929	0.05	0	0	0	0	0
0.043434	0	0	0	0	0	0
0.027904	0	0	0	0	0	0
0.016427	0	0	0	0	0	0
0.074824	0	0	0	0	0	0
0.014997	0	0	0	0	0	0
0.052439	0	0	0	0	0	0
0.057125	0	0	0	0	0	0
0.052601	0	0	0	0	0	0
0.030455	0	0	0	0	0	0
0.033037	0	0	0	0	0	0
0.037677	0	0	0	0	0	0
0.052738	0	0	0	0	0	0
0.05065	0	0	0	0	0	0
0.045098	0	0	0	0	0	0
0.075982	0	0	0	0	0	0
0.360395	0	0	0	0	0	0
0.260563	0	0	0	0	0	0
0.160334	0	0	0	0	0	0
0.000976	0	0	0	0	0	0
0.033155	0	0	0	0	0	0
0.02513	0	0	0	0	0	0
0.085571	0	0	0	0	0	0
0.025121	0	0	0	0	0	0
0.031711	0	0	0	0	0	0
0.021005	0	0	0	0	0	0
0.027156	0	0	0	0	0	0
0.016945	0	0	0	0	0	0
0.022346	0	0	0	0	0	0
0.012402	0	0	0	0	0	0
0.017473	0	0	0	0	0	0
0.01813	0	0	0	0	0	0
0.016772	0	0	0	0	0	0
0.021488	0	0	0	0	0	0
0.011879	0	0	0	0	0	0
0.009646	0	0	0	0	0	0
0.014296	0	0	0	0	0	0
0.010038	0	0	0	0	0	0
0.016057	0	0	0	0	0	0
0.011195	0	0	0	0	0	0
0.007266	0	0	0	0	0	0



0.006731	0	0	0	0	0	0
0.024373	0	0	0	0	0	0
0.011296	0	0	0	0	0	0
0.009901	0	0	0	0	0	0
0.066771	0	0	0	0	0	0
0.120282	0.02	0	0	0	0	0
0.02948	0	0	0	0	0	0
0.027377	0	0	0	0	0	0
0.028603	0	0	0	0	0	0
0.034487	0	0	0	0	0	0
0.037165	0	0	0	0	0	0
0.032081	0	0	0	0	0	0
0.136413	0	0	0	0	0	0
0.078198	0	0	0	0	0	0
0.059901	0	0	0	0	0	0
0.05162	0	0	0	0	0	0
0.074396	0	0	0	0	0	0
0.331691	0.12	0	0	0	0	0
0.035169	0	0	0	0	0	0
0.034921	0	0	0	0	0	0
0.060786	0	0	0	0	0	0
0.095547	0	0	0	0	0	0
0.059326	0	0	0	0	0	0
0.083082	0	0	0	0	0	0
0.070554	0	0	0	0	0	0
0.070046	0	0	0	0	0	0
0.138734	0.01	0	0	0	0	0
0.019594	0	0	0	0	0	0
0.023316	0	0	0	0	0	0
0.032908	0	0	0	0	0	0
0.066727	0	0	0	0	0	0
0.018994	0	0	0	0	0	0
0.022507	0	0	0	0	0	0
0.04731	0	0	0	0	0	0
0.029381	0	0	0	0	1	1
0.046203	0	1	0	0	0	1
0.08117	0	0	0	0	2	2
0.042978	0	2	0	0	0	2
0.076922	0	0	0	0	0	0
0.019802	0	0	0	0	0	0
0.070206	0.02	0	0	0	0	0
0.019885	0	0	0	0	0	0
0.029607	0.02	0	0	0	0	0
0.023339	0.03	0	0	0	0	0
0.012831	0	0	0	0	0	0
0.006724	0	0	0	0	0	0
0.005162	0	0	0	0	0	0
0.004546	0	0	0	0	0	0
0.009676	0	0	0	0	0	0
0.012351	0	0	0	0	0	0

0.001813	0	0	0	0	0	0
0.00234	0	0	0	0	0	0
0.001691	0	0	0	0	0	0
0.002668	0	0	0	0	0	0
0.001506	0	0	0	0	0	0
0.001052	0	0	0	0	0	0
0.037643	0	0	0	0	0	0
0.023832	0	0	0	0	0	0
0.002347	0	0	0	0	0	0
0.036533	0	0	0	0	0	0
0.018888	0	0	0	0	0	0
0.010926	0	0	0	0	0	0
0.000712	0	0	0	0	0	0
0.00076	0	0	0	0	0	0
0.001799	0	0	0	0	0	0
0.001364	0	0	0	0	0	0
0.010952	0	0	0	0	0	0
0.004621	0	0	0	0	0	0
0.006446	0	0	0	0	0	0
0.020758	0	0	0	0	0	0
0.00385	0	0	0	0	0	0
0.010317	0	0	0	0	0	0
0.008052	0	0	0	0	0	0
0.010814	0	0	0	0	5	5
0.044001	0	5	0	0	0	5
0.022589	0	0	0	0	0	0
0.011294	0	0	0	0	0	0
0.020932	0	0	0	0	0	0
0.004288	0	0	0	0	2	2
0.008221	0	2	0	0	3	5
0.00617	0	6	0	0	0	6
0.007389	0	0	0	0	0	0
0.008882	0	0	0	0	0	0
0.007239	0	0	0	0	0	0
0.008593	0	0	0	0	0	0
0.00482	0	0	0	0	0	0
0.003646	0	0	0	0	0	0
0.01903	0	0	0	0	14	14
0.02612	0	14	0	0	0	14
0.071053	0	0	0	0	0	0
0.166498	0	0	0	0	0	0
0.027876	0	0	0	0	0	0
0.060364	0	0	0	0	0	0
0.038327	0	0	0	0	0	0
0.02691	0	0	0	0	0	0
0.024555	0	0	0	0	0	0
0.028032	0	0	0	0	0	0
0.054635	0	0	0	0	0	0
0.027609	0	0	0	0	0	0
0.015901	0	0	0	0	0	0

0.013739	0	0	0	0	0	0
0.017712	0	0	0	0	0	0
0.021859	0	0	0	0	0	0
0.011599	0	0	0	0	0	0
0.012985	0	0	0	0	0	0
0.015735	0	0	0	0	0	0
0.007309	0	0	0	0	0	0
0.007599	0	0	0	0	0	0
0.022387	0	0	0	0	0	0
0.022667	0	0	0	0	0	0
0.038092	0	0	0	0	0	0
0.03628	0	0	0	0	0	0
0.028507	0	0	0	0	0	0
0.013402	0	0	0	0	0	0
0.019334	0	0	0	0	0	0
0.022318	0	0	0	0	0	0
0.08104	0	0	0	0	0	0
0.0612	0	0	0	0	0	0
0.040776	0	0	0	0	0	0
0.019477	0	0	0	0	0	0
0.007533	0	0	0	0	0	0
0.001802	0	0	0	0	0	0
0.015797	0	0	0	0	0	0
0.01058	0	0	0	0	0	0
0.010641	0	0	0	0	0	0
0.006363	0	0	0	0	0	0
0.007263	0	0	0	0	0	0
0.008557	0	0	0	0	0	0
0.009252	0	0	0	0	0	0
0.006223	0	0	0	0	0	0
0.011222	0	0	0	0	0	0
0.029804	0	0	0	0	0	0
0.015249	0	0	0	0	0	0
0.009252	0	0	0	0	0	0
0.009977	0	0	0	0	0	0
0.016271	0	0	0	0	0	0
0.014247	0	0	0	0	0	0
0.008009	0	0	0	0	0	0
0.012072	0	0	0	0	0	0
0.003038	0	0	0	0	0	0
0.005535	0	0	0	0	0	0
0.009947	0	0	0	0	0	0
0.002806	0	0	0	0	0	0
0.004255	0	0	0	0	0	0
0.025248	0	0	0	0	0	0
0.002844	0	0	0	0	0	0
0.008428	0	0	0	0	0	0
0.003585	0	0	0	0	0	0
0.001516	0	0	0	0	0	0
0.007091	0	0	0	0	0	0

0.002209	0	0	0	0	0	0
0.194857	0	0	0	2	0	2
0.112888	0	0	0	0	0	0
0.008028	0	0	0	0	0	0
0.094487	0	0	0	0	0	0
0.016422	0	0	0	0	0	0
0.020553	0	0	0	0	0	0
0.011477	0	0	0	0	0	0
0.007249	0	0	0	0	0	0
0.004498	0	0	0	0	0	0
0.010103	0	0	0	0	0	0
0.007547	0	0	0	0	0	0
0.007162	0	0	0	0	0	0
0.045874	0	0	0	0	0	0
0.004691	0	0	0	0	0	0
0.004142	0	0	0	0	0	0
0.00565	0	0	0	0	0	0
0.016262	0	0	0	0	0	0
0.002126	0	0	0	0	0	0
0.046336	0	0	0	0	0	0
0.002381	0	0	0	0	0	0
0.002777	0	0	0	0	0	0
0.001982	0	0	0	0	0	0
0.009261	0	0	0	0	0	0
0.004701	0	0	0	0	0	0
0.006497	0	0	0	0	0	0
0.003211	0	0	0	0	0	0
0.00355	0	0	0	0	0	0
0.007589	0	0	0	0	0	0
0.008975	0	0	0	0	0	0
0.008336	0	0	0	0	0	0
0.006929	0	0	0	0	0	0
0.008023	0	0	0	0	0	0
0.006435	0	0	0	0	0	0
0.038261	0	0	0	0	0	0
0.003017	0	0	0	0	0	0
0.03554	0	0	0	0	0	0
0.016793	0	0	0	0	0	0
0.020592	0	0	0	0	0	0
0.017861	0	0	0	0	0	0
0.015876	0	0	0	0	0	0
0.011132	0	0	0	0	0	0
0.00993	0	0	0	0	0	0
0.072009	0	0	0	0	0	0
0.022972	0	0	0	0	0	0
0.014126	0	0	0	0	0	0
0.011251	0	0	0	0	0	0
0.026527	0	0	0	0	0	0
0.016999	0	0	0	0	0	0
0.022657	0	0	0	0	0	0

0.051784	0	0	0	0	0	0
0.022287	0	0	0	0	0	0
0.025482	0	0	0	0	0	0
0.017554	0	0	0	0	0	0
0.013375	0	0	0	0	0	0
0.016413	0	0	0	0	0	0
0.000227	0	0	0	0	0	0
0.048804	0	0	0	0	0	0
0.014074	0	0	0	0	0	0
0.042436	0	0	0	0	0	0
0.03291	0	0	0	0	0	0
0.030193	0	0	0	0	0	0
0.013492	0	0	0	0	0	0
0.010804	0	0	0	0	0	0
0.032306	0	0	0	0	0	0
0.043022	0	0	0	0	0	0
0.020135	0	0	0	0	0	0
0.065731	0	0	0	0	0	0
0.015098	0	0	0	0	0	0
0.010534	0	0	0	0	0	0
0.005397	0	0	0	0	0	0
0.012709	0	0	0	0	0	0
0.024598	0	0	0	0	0	0
0.060106	0	0	0	0	0	0
0.021211	0	0	0	0	0	0
0.03786	0	0	0	0	0	0
0.015325	0	0	0	0	0	0
0.200143	0	0	0	0	0	0
0.072323	0	0	0	0	0	0
0.061113	0	0	0	0	0	0
0.065524	0	0	0	0	0	0
0.08786	0	0	0	0	0	0
0.165676	0	0	0	0	0	0
0.168601	0	0	0	0	0	0
0.073998	0	0	0	0	0	0
0.017291	0	0	0	0	0	0
0.028675	0	0	0	0	0	0
0.026549	0	0	0	0	0	0
0.096668	0	0	0	0	0	0
0.249184	0	0	0	0	0	0
0.052864	0	0	0	0	0	0
0.044504	0	0	0	0	0	0
0.035502	0	0	0	0	0	0
0.038732	0	0	0	0	0	0
0.093689	0	0	0	0	0	0
0.082504	0	0	0	0	0	0
0.053638	0	0	0	0	0	0
0.063245	0	0	0	0	0	0
0.055684	0	0	0	0	0	0
0.090357	0	0	0	0	0	0

0.160704	0	0	0	0	0	0
0.072919	0	0	0	0	0	0
0.041535	0	0	0	0	0	0
0.033624	0	0	0	0	0	0
0.090639	0	0	0	0	0	0
0.042822	0	0	0	0	0	0
0.021224	0	0	0	0	0	0
0.014703	0	0	0	0	0	0
0.044761	0	0	0	0	0	0
0.041971	0	0	0	0	0	0
0.028871	0	0	0	0	0	0
0.188048	0	0	0	0	0	0
0.019985	0	0	0	0	0	0
0.02813	0	0	0	0	0	0
0.035607	0	0	0	0	0	0
0.048414	0	0	0	0	0	0
0.500257	0	0	0	0	0	0
0.002423	0	0	0	0	0	0
0.003616	0	0	0	0	0	0
0.002983	0	0	0	0	0	0
0.002523	0	0	0	0	0	0
0.004358	0	0	0	0	0	0
0.020683	0	0	0	0	0	0
0.007966	0	0	0	0	0	0
0.004537	0	0	0	0	0	0
0.042176	0	0	0	0	0	0
0.017621	0	0	0	0	0	0
0.041069	0	0	0	0	0	0
0.020233	0	0	0	0	0	0
0.019005	0	0	0	0	0	0
0.025694	0	0	0	0	0	0
0.041837	0	0	0	0	0	0
0.041124	0	0	0	0	0	0
0.03604	0	0	0	0	0	0
0.072748	0	0	0	0	0	0
0.039741	0	0	0	0	0	0
0.024351	0	0	0	0	0	0
0.020926	0	0	0	0	0	0
0.032502	0	0	0	0	0	0
0.023682	0	0	0	0	0	0
0.009141	0	0	0	0	0	0
0.00482	0	0	0	0	0	0
0.016454	0	0	0	0	0	0
0.009273	0	0	0	0	0	0
0.10031	0	0	0	0	0	0
0.017677	0	0	0	0	0	0
0.034611	0	0	0	0	0	0
0.00534	0	0	0	0	0	0
0.078777	0.18	0	0	0	0	0
0.208384	0.15	0	0	0	0	0

0.035428	0	0	0	0	0	0
0.007164	0	0	0	0	0	0
0.007673	0	0	0	0	0	0
0.011648	0	0	0	0	0	0
0.008746	0	0	0	0	0	0
0.00796	0	0	0	0	0	0
0.005868	0	0	0	0	0	0
0.007865	0	0	0	0	0	0
0.014974	0	0	0	0	0	0
0.008302	0	0	0	0	0	0
0.01176	0	0	0	0	0	0
0.004126	0	0	0	0	0	0
0.003517	0	0	0	0	0	0
0.005462	0	0	0	0	0	0
0.004756	0	0	0	0	0	0
0.009259	0	0	0	0	0	0
0.004539	0	0	0	0	0	0
0.011068	0	0	0	0	0	0
0.064576	0	0	0	0	0	0
0.078807	0	0	0	0	0	0
0.127381	0	0	0	0	0	0
0.245636	0	0	0	0	0	0
0.048519	0	0	0	0	0	0
0.252391	0	0	0	0	0	0
0.071833	0	0	0	0	0	0
0.211342	0	0	0	0	0	0
0.077812	0	0	0	0	0	0
0.090896	0	0	0	0	0	0
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0.054933	0	0	0	0	0	0
0.057135	0	0	0	0	0	0
0.054502	0	0	0	0	0	0
0.05569	0	0	0	0	0	0
0.532358	0	0	0	0	0	0
0.677621	0	0	0	0	0	0
0.064351	0	0	0	0	0	0
0.082356	0	0	0	0	0	0
0.521009	0.08	0	0	0	0	0
0.007365	0	0	0	0	0	0
0.006865	0	0	0	0	0	0
0.010779	0	0	0	0	0	0
0.010585	0	0	0	0	0	0
0.008543	0	0	0	0	0	0
0.027158	0	0	0	0	0	0
0.006622	0	0	0	0	0	0
0.013738	0	0	0	0	0	0
0.010364	0	0	0	0	0	0
0.005518	0	0	0	0	0	0
0.011505	0	0	0	0	0	0
0.010634	0	0	0	0	0	0

0.017311	0	0	0	0	0	0
0.007605	0	0	0	0	0	0
0.005389	0	0	0	0	0	0
0.009063	0	0	0	0	0	0
0.030122	0	0	0	0	0	0
0.235197	0	0	0	0	0	0
0.300075	0	0	0	0	0	0
0.062461	0	0	0	0	0	0
0.065049	0	0	0	0	0	0
0.164452	0	0	0	0	0	0
0.057642	0	0	0	0	0	0
0.156806	0	0	0	0	0	0
0.148065	0	0	0	0	0	0
0.057558	0	0	0	0	0	0
0.001542	0	0	0	0	0	0
0.001379	0	0	0	0	0	0
0.001448	0	0	0	0	0	0
0.002326	0	0	0	0	0	0
0.021343	0	0	0	0	0	0
0.005433	0	0	0	0	0	0
0.008053	0	0	0	0	0	0
0.006888	0	0	0	0	0	0
0.003409	0	0	0	0	0	0
0.015469	0	0	0	0	0	0
0.801131	0.49	0	0	0	0	0
0.000287	0	0	0	0	0	0
0.010257	0	0	0	0	0	0
0.005504	0.01	0	0	0	0	0
0.001712	0.01	0	0	0	0	0
0.004336	0	0	0	0	0	0
0.003727	0	0	0	0	0	0
0.006413	0	0	0	0	0	0
0.010092	0	0	0	0	0	0
0.010585	0	0	0	0	0	0
0.00954	0	0	0	0	0	0
0.006181	0	0	0	0	0	0
0.004011	0	0	0	0	0	0
0.004079	0	0	0	0	0	0
0.005977	0	0	0	0	0	0
0.032223	0	0	0	0	0	0
0.048676	0	0	0	0	0	0
0.021483	0	0	0	0	0	0
0.051099	0	0	0	0	0	0
0.065933	0	0	0	0	0	0
0.155386	0	0	0	0	0	0
0.004341	0	0	0	0	0	0
0.006199	0	0	0	0	0	0
0.006766	0	0	0	0	0	0
0.008118	0	0	0	0	0	0
0.005177	0	0	0	0	0	0



0.0302	0	0	0	0	0	0
0.046586	0	0	0	0	0	0
0.037004	0	0	0	0	0	0
0.013612	0	0	0	0	0	0
0.024326	0	0	0	0	0	0
0.008028	0	0	0	0	0	0
0.008196	0	0	0	0	0	0
0.014999	0	0	0	0	0	0
0.010912	0	0	0	0	0	0
0.012897	0	0	0	0	0	0
0.007546	0	0	0	0	0	0
0.061526	0	0	0	0	0	0
0.478918	0	0	0	0	0	0
0.124143	0	0	0	0	0	0
0.050765	0	0	0	0	0	0
0.272572	0	0	0	0	0	0
0.113344	0	0	0	0	0	0
0.122611	0	0	0	0	0	0
0.043239	0	0	0	0	0	0
0.068044	0	0	0	0	0	0
0.007447	0	0	0	0	0	0
0.005378	0	0	0	0	0	0
0.055192	0.37	0	0	0	0	0
0.00783	0	0	0	0	0	0
0.01522	0	0	0	0	0	0
0.009252	0	0	0	0	0	0
0.007039	0	0	0	0	0	0
0.011835	0	0	0	0	0	0
0.010052	0	0	0	1	0	1
0.00826	0	0	0	0	0	0
0.006481	0	0	0	0	0	0
0.054072	0	0	0	0	0	0
0.035677	0	0	0	0	0	0
0.066584	0	0	0	0	0	0
0.107582	0	0	0	0	0	0
0.041904	0	0	0	0	0	0
0.962735	0	0	0	0	0	0
0.022759	0	0	0	0	0	0
0.156424	0	0	0	0	0	0
0.12896	0	0	0	0	0	0
0.052433	0	0	0	0	0	0
0.059703	0	0	0	0	0	0
0.024874	0	0	0	0	0	0
0.024786	0	0	0	0	0	0
0.019712	0	0	0	0	0	0
0.27837	0.01	0	0	0	0	0
0.012987	0	0	0	0	0	0
0.021559	0	0	0	0	0	0
0.015729	0	0	0	0	0	0
0.018213	0	0	0	0	0	0

0.01292	0	0	0	0	0	0
0.010899	0	0	0	0	0	0
0.057748	0	0	0	0	0	0
0.016745	0	0	0	0	0	0
0.019613	0	0	0	0	0	0
0.013797	0	0	0	0	0	0
0.007477	0	0	0	0	0	0
0.022113	0	0	0	0	0	0
0.026413	0	0	0	0	0	0
0.043603	0	0	0	0	0	0
0.030286	0	0	0	0	0	0
0.039406	0	0	0	0	0	0
0.012631	0	0	0	0	0	0
0.012963	0	0	0	0	0	0
0.029603	0	0	0	0	0	0
0.006014	0	0	0	0	0	0
0.01858	0	0	0	0	0	0
0.015232	0	0	0	0	0	0
0.004654	0	0	0	0	0	0
0.000155	0	0	0	0	0	0
0.555015	0.15	0	0	0	0	0
0.055365	0	0	0	0	0	0
0.082172	0	0	0	0	0	0
0.020422	0	0	0	0	0	0
0.043212	0	0	0	0	0	0
0.121027	0	0	0	0	0	0
0.004951	0	0	0	0	0	0
0.004001	0	0	2	0	0	2
0.002772	0	0	0	0	0	0
0.001435	0	0	0	0	0	0
0.00386	0	0	0	0	0	0
0.004757	0	0	0	0	0	0
0.038791	0	0	0	0	0	0
0.013881	0	0	0	0	0	0
0.008626	0	0	0	0	0	0
0.007127	0	0	0	0	0	0
0.007422	0	0	0	0	0	0
0.012556	0	0	0	0	0	0
0.016026	0	0	0	0	0	0
0.013433	0	0	0	0	0	0
0.010725	0	0	0	0	0	0
0.108983	0	0	0	0	0	0
0.032221	0	0	0	0	0	0
0.016397	0	0	0	0	0	0
0.026124	0	0	0	0	0	0
0.038186	0	0	0	0	0	0
0.048208	0	0	0	0	0	0
0.155861	0	0	0	0	0	0
0.028934	0	0	0	0	0	0
0.007701	0	0	0	0	0	0

0.046918	0	0	0	0	0	0
0.0327	0	0	0	0	0	0
0.017534	0	0	0	0	0	0
0.011463	0	0	0	0	0	0
0.026374	0	0	0	0	0	0
0.022321	0	0	0	0	0	0
0.017144	0	0	0	0	0	0
0.01999	0	0	0	0	0	0
0.02268	0	0	0	0	0	0
0.016273	0	0	0	0	0	0
0.005647	0	0	0	0	0	0
0.004005	0	0	0	0	0	0
0.00336	0	0	0	0	0	0
0.006837	0	0	0	0	0	0
0.00708	0	0	0	0	0	0
0.007002	0	0	0	0	0	0
0.008218	0	0	0	0	0	0
0.008227	0	0	0	0	0	0
0.007819	0	0	0	0	0	0
0.036371	0	0	0	0	0	0
0.014015	0	0	0	0	0	0
0.011297	0	0	0	0	0	0
0.031171	0	0	22	0	3	25
0.018968	0	0	2	0	8	10
0.001569	0	0	0	0	0	0
0.003707	0	0	0	0	0	0
0.003206	0	0	0	0	0	0
0.00414	0	0	0	0	0	0
0.002707	0	0	0	0	0	0
0.015759	0	8	0	0	0	8
0.008208	0	0	0	0	0	0
0.009194	0	0	0	0	11	11
0.007924	0	11	0	0	13	24
0.008726	0	13	5	0	5	23
0.008983	0	5	0	0	0	5
0.013028	0	0	0	15	0	15
0.009304	0	0	0	0	0	0
0.005519	0	0	0	0	0	0
0.016192	0	3	0	0	0	3
0.018381	0	0	0	0	0	0
0.015443	0	0	0	0	0	0
0.007514	0	0	0	0	0	0
0.224359	0.04	0	0	0	0	0
0.013292	0	0	0	0	0	0
0.010627	0	0	0	0	0	0
0.151058	0.01	0	32	18	18	68
0.213441	0.06	18	0	4	0	22
0.026045	0	0	0	0	0	0
0.020137	0	0	0	0	0	0
0.018515	0	0	0	0	0	0

0.025024	0	0	0	0	0	0
0.014154	0.02	0	0	0	0	0
0.04455	0	0	0	0	0	0
0.029305	0	0	0	0	0	0
0.019003	0	0	0	0	0	0
0.025892	0	0	0	0	0	0
0.019743	0	0	0	0	0	0
0.01453	0.02	0	0	0	3	3
0.17085	0.06	3	0	0	3	6
0.019434	0	3	0	0	0	3
0.083365	0	0	7	13	4	24
0.017928	0	4	0	2	0	6
0.024633	0	0	0	0	0	0
0.01738	0	0	0	0	0	0
0.014702	0	0	0	0	0	0
0.010671	0.01	0	0	0	0	0
0.030262	0	0	0	0	0	0
0.011094	0	0	0	0	0	0
0.01226	0.01	0	0	0	0	0
0.011781	0	0	2	0	0	2
0.017524	0	0	0	0	0	0
0.011668	0	0	0	0	0	0
0.012127	0	0	0	0	0	0
0.019186	0	0	0	0	0	0
0.174856	0.05	0	0	6	0	6
0.025563	0	0	0	0	0	0
0.013784	0	0	0	0	0	0
0.011832	0	0	0	0	0	0
0.011331	0	0	0	0	0	0
0.007551	0	0	0	0	2	2
0.012416	0	2	0	0	0	2
0.013329	0	0	0	0	0	0
0.011058	0	0	0	0	0	0
0.016182	0.02	0	5	4	0	9
0.011094	0	0	0	4	0	4
0.013733	0	0	0	0	0	0
0.010525	0.01	0	0	0	0	0
0.0098	0	0	0	0	0	0
0.008147	0.01	0	0	0	6	6
0.034957	0	6	0	0	0	6
0.005985	0	0	0	0	6	6
0.014106	0.01	6	9	0	0	15
0.016183	0	0	0	0	0	0
0.00909	0.01	0	0	0	1	1
0.004587	0	1	0	0	0	1
0.004841	0	0	0	0	0	0
0.00627	0	0	0	0	0	0
0.016039	0	0	0	0	0	0
0.038799	0	0	0	8	0	8
0.004517	0	0	0	0	0	0

0.010445	0.01	0	0	0	0	0
0.014598	0	0	0	0	0	0
0.008483	0	0	0	0	0	0
0.015923	0	0	0	0	0	0
0.013256	0	0	0	0	0	0
0.00443	0	0	0	0	0	0
0.012543	0	0	4	2	0	6
0.005672	0	0	0	0	0	0
0.022319	0	0	1	0	0	1
0.004765	0	0	0	0	11	11
0.003331	0	11	0	0	0	11
0.003666	0	0	0	0	0	0
0.003976	0	0	0	0	0	0
0.002974	0	0	0	0	0	0
0.017492	0	0	0	0	0	0
0.002572	0	0	0	0	0	0
0.009796	0	0	0	0	0	0
0.003354	0	0	0	0	0	0
0.001729	0	0	0	0	0	0
0.00185	0	0	0	0	0	0
0.002752	0	0	0	0	0	0
0.001594	0	0	0	0	0	0
0.001999	0	0	0	0	0	0
0.004058	0	0	0	0	16	16
0.001658	0	16	0	0	0	16
0.00378	0	0	0	0	0	0
0.001987	0	0	0	0	3	3
0.000781	0	3	0	0	0	3
0.014845	0	0	0	0	0	0
0.001587	0	0	0	0	0	0
0.03439	0	0	0	0	0	0
0.021669	0	0	0	0	0	0
0.008274	0.13	0	0	0	0	0
0.016785	0.01	0	0	0	0	0
0.004001	0	0	0	0	0	0
0.007011	0	0	0	0	0	0
0.025281	0	0	0	0	0	0
0.003548	0.03	0	0	0	0	0
0.011056	0	0	0	0	0	0
0.005928	0.02	0	0	0	0	0
0.325775	0.01	0	0	0	0	0
0.020254	0	0	0	0	0	0
0.027774	0	0	0	0	0	0
0.029349	0	0	0	0	0	0
0.056528	0	0	0	0	0	0
0.115186	0	0	0	0	0	0
0.049951	0	0	0	0	0	0
0.023772	0	0	0	0	0	0
0.096151	0	0	0	0	0	0
0.02659	0	0	0	0	0	0

0.021768	0	0	0	0	0	0
0.024106	0	0	0	0	0	0
0.020391	0	0	0	0	0	0
0.022135	0	0	0	0	0	0
0.011859	0	0	0	0	0	0
0.010653	0	0	0	0	0	0
0.011948	0	0	0	0	0	0
0.027876	0	0	0	0	0	0
0.01262	0	0	0	0	0	0
0.020258	0	0	0	0	0	0
0.012271	0	0	0	0	0	0
0.014315	0	0	0	0	0	0
0.010934	0	0	0	0	0	0
0.020496	0	0	0	0	0	0
0.011446	0	0	0	0	0	0
0.02226	0	0	0	0	0	0
0.015104	0	0	0	0	0	0
0.008772	0	0	0	0	0	0
0.017272	0	0	0	0	0	0
0.015581	0	0	0	0	0	0
0.01401	0	0	0	0	0	0
0.024913	0	0	0	0	0	0
0.021974	0	0	0	0	0	0
0.01595	0	0	0	0	0	0
0.017853	0	0	0	0	0	0
0.019965	0	0	0	0	0	0
0.048361	0	0	0	0	0	0
0.009021	0	0	0	0	0	0
0.006611	0	0	0	0	0	0
0.005622	0	0	0	0	0	0
0.003291	0	0	0	0	0	0
0.0045	0	0	0	0	0	0
0.003602	0	0	0	0	0	0
0.006699	0	0	0	0	0	0
0.001243	0	0	0	0	0	0
0.01445	0	8	0	0	0	8
0.040182	0	0	0	0	0	0
0.032274	0	0	0	0	0	0
0.048753	0	0	0	0	0	0
0.018712	0	0	0	0	0	0
0.016848	0	0	0	0	0	0
0.017114	0	0	0	0	0	0
0.047569	0	0	0	0	0	0
0.035024	0	0	0	0	0	0
0.091285	0	0	0	0	0	0
0.143559	0	0	0	0	0	0
0.015213	0	0	0	0	0	0
0.026308	0	0	0	0	0	0
0.017389	0	0	0	0	0	0
0.127697	0.02	0	0	0	4	4

0.122032	0	4	2	1	0	7
0.036117	0	0	0	0	0	0
0.017398	0	0	0	0	0	0
0.012775	0	0	0	0	0	0
0.009875	0	4	0	0	0	4
0.211088	0.04	0	0	0	0	0
0.010068	0	0	0	0	0	0
0.023549	0	0	0	0	0	0
0.004523	0	0	0	0	0	0
0.011508	0	0	0	0	0	0
0.009259	0	0	0	0	0	0
0.108168	0	0	0	0	0	0
0.134891	0	0	0	0	0	0
0.014904	0	0	0	0	0	0
0.332332	0	0	0	0	0	0
0.047962	0	0	0	0	0	0
0.076172	0	0	0	0	0	0
0.022099	0	0	0	0	0	0
0.060186	0	0	0	1	0	1
0.028423	0	0	0	0	4	4
0.868398	0	0	0	0	0	0
0.116934	0	0	0	0	0	0
0.025906	0	0	0	0	0	0
0.016669	0	0	0	0	0	0
0.020922	0	0	0	0	0	0
0.060762	0	0	0	0	0	0
0.325633	0.07	0	0	0	0	0
0.064137	0	0	0	0	0	0
0.008281	0	0	0	0	0	0
0.005304	0	0	0	0	0	0
0.012891	0	0	4	0	0	4
0.173935	0.02	0	0	0	0	0
0.005393	0	0	0	0	0	0
0.005823	0	0	0	0	0	0
0.009045	0	0	0	0	0	0
0.004997	0	0	0	0	1	1
0.01601	0	1	0	0	0	1
0.014457	0	0	0	0	0	0
0.013002	0	0	0	0	0	0
0.008202	0	0	0	0	0	0
0.41954	0	0	4	4	0	8
0.005312	0	3	0	0	0	3
0.224979	0.11	0	0	0	0	0
0.018891	0	0	0	0	0	0
0.008073	0	0	0	0	0	0
0.063808	0	0	0	0	0	0
0.084086	0	0	0	0	0	0
0.018696	0	0	2	0	0	2
0.021641	0	0	0	0	0	0
0.411491	0	0	0	0	0	0

0.00897	0	0	0	0	0	0
0.004813	0	0	0	0	0	0
0.008689	0	0	0	0	0	0
0.005387	0	0	0	0	0	0
0.018425	0	0	0	0	0	0
0.085654	0	0	0	0	0	0
0.030281	0	0	0	0	0	0
0.014645	0	0	0	0	0	0
0.015586	0	0	0	0	0	0
0.021885	0	0	0	0	0	0
0.135821	0	0	0	0	0	0
0.022955	0	0	0	0	0	0
0.020809	0	0	0	0	0	0
0.022356	0	0	0	0	0	0
0.016664	0	0	0	0	0	0
0.031226	0	0	0	0	0	0
0.012433	0	0	0	0	0	0
0.010095	0	0	0	0	0	0
0.104177	0	0	0	0	0	0
0.001324	0	0	0	0	0	0
0.001255	0	0	0	0	0	0
0.000516	0	0	0	0	0	0
0.001167	0	0	0	0	0	0
0.001805	0	0	0	0	0	0
0.002305	0	0	0	0	0	0
0.00038	0	0	0	0	0	0
0.000444	0	0	0	0	0	0
0.000369	0	0	0	0	0	0
0.002334	0	0	0	0	0	0
0.006948	0	0	0	0	0	0
0.003546	0.02	0	0	0	0	0
0.00076	0	0	0	0	0	0
0.000597	0	0	0	0	0	0
0.070794	0	0	0	0	0	0
0.015996	0	0	0	0	0	0
0.04634	0	0	0	0	0	0
0.374448	0.16	0	0	0	0	0
0.318428	0	0	0	0	0	0
0.022607	0	0	0	0	0	0
0.018559	0	0	0	0	0	0
0.011406	0	0	0	0	0	0
0.011741	0	0	0	0	0	0
0.138482	0	0	0	0	0	0
0.016161	0	0	0	0	0	0
0.032528	0	0	0	0	0	0
0.008973	0	0	0	4	0	4
0.04527	0	0	0	0	0	0
0.02236	0	0	0	0	0	0
0.026477	0	0	0	0	0	0
0.081534	0	0	0	0	0	0



0.051221	0	0	0	0	0	0
0.039381	0	0	0	0	0	0
0.034574	0	0	0	0	0	0
0.049665	0	0	0	0	0	0
0.092693	0	0	0	0	0	0
0.097664	0	0	0	0	0	0
0.008908	0	0	0	0	0	0
0.007316	0	0	0	0	0	0
0.011337	0	0	0	0	0	0
0.012747	0	0	0	0	0	0
0.002646	0	0	0	0	0	0
0.003061	0	0	0	0	0	0
0.003966	0	0	0	0	0	0
0.011393	0	0	0	0	0	0
0.007822	0	0	0	0	0	0
0.01147	0	0	0	0	0	0
0.006745	0	0	0	0	0	0
0.010377	0	0	0	0	0	0
0.007123	0	0	0	0	0	0
0.024447	0	0	0	0	0	0
0.003192	0	0	0	0	0	0
0.013794	0	0	0	0	0	0
0.016686	0	0	0	0	0	0
0.004502	0	0	0	0	0	0
0.000896	0	0	0	0	0	0
0.000917	0	0	0	0	0	0
0.001383	0	0	0	0	0	0
0.012735	0.11	0	5	0	0	5
0.001426	0	0	0	0	0	0
0.001835	0	0	0	0	0	0
0.00188	0	0	0	0	0	0
0.00103	0	0	0	0	0	0
0.002832	0	0	0	0	0	0
0.001274	0	0	0	0	0	0
0.004007	0	0	0	0	0	0
0.062241	0	0	0	0	0	0
0.070788	0	0	0	0	0	0
0.061708	0	0	0	0	0	0
0.060636	0	0	0	0	0	0
0.05201	0	0	0	0	0	0
0.060761	0	0	0	0	0	0
0.022718	0	0	0	0	0	0
0.015508	0	0	0	0	0	0
0.005561	0	0	0	0	0	0
0.462497	0.05	8	5	0	0	13
0.007911	0	0	0	0	0	0
0.001585	0	0	0	0	0	0
0.004439	0	0	0	0	0	0
0.002001	0	0	0	0	0	0
0.009388	0	0	0	0	0	0

0.010611	0	0	0	0	0	0
0.00221	0	0	0	0	0	0
0.001787	0	0	0	0	0	0
0.345929	0	0	0	0	8	8
0.022012	0	0	0	0	0	0
0.026231	0	0	0	0	0	0
0.013068	0	0	0	0	0	0
0.018584	0	0	0	0	0	0
0.021991	0	0	0	0	0	0
0.029109	0	0	0	0	0	0
0.01746	0	0	0	0	0	0
0.021924	0	0	0	0	0	0
0.014671	0	0	0	0	0	0
0.020975	0	0	0	0	0	0
0.055518	0	0	0	0	0	0
0.105814	0	0	0	0	0	0
0.042601	0	0	0	0	0	0
0.030021	0	0	0	0	0	0
0.015742	0	0	0	0	0	0
0.004183	0	0	0	0	0	0
0.017325	0	0	0	0	0	0
0.159874	0	0	0	0	0	0
0.001958	0	0	0	0	0	0
0.003461	0	0	0	0	0	0
0.028106	0	0	0	0	0	0
0.004707	0	0	0	0	0	0
0.019869	0	0	0	0	0	0
0.012092	0	0	0	0	0	0
0.012177	0	0	0	0	0	0
0.008399	0	0	0	0	0	0
0.036129	0	0	0	0	0	0
0.009452	0	0	0	0	0	0
0.002958	0	0	0	0	0	0
0.003728	0	0	0	0	0	0
0.002179	0	0	0	0	0	0
0.003425	0	0	0	0	0	0
0.015941	0	0	0	0	0	0
0.045848	0	0	0	0	0	0
0.046851	0	0	0	0	0	0
0.066276	0	0	0	0	0	0
0.038573	0	0	0	0	0	0
0.012305	0	0	0	0	0	0
0.01825	0	0	0	0	0	0
0.213556	0	0	0	0	0	0
0.143551	0.01	0	0	0	0	0
0.068131	0	0	0	0	0	0
0.031736	0	0	0	0	0	0
0.03928	0	0	0	0	0	0
0.029022	0	0	0	0	0	0
0.0672	0	0	0	0	0	0

0.028266	0	0	0	0	0	0
0.135154	0	0	0	0	0	0
0.057339	0	0	0	0	0	0
0.039783	0	0	0	0	0	0
0.063167	0	0	0	0	0	0
0.04426	0	0	0	0	0	0
0.040742	0	0	0	0	0	0
0.038859	0	0	0	0	0	0
0.040851	0	0	0	0	0	0
0.054214	0	0	0	0	0	0
0.064983	0	0	0	0	0	0
0.049277	0	0	0	0	0	0
0.026085	0	0	0	0	0	0
0.029608	0	0	0	0	0	0
0.065431	0	0	0	0	0	0
0.056948	0	0	0	0	0	0
0.06976	0	0	0	0	0	0
0.071067	0	0	0	0	0	0
0.005018	0	0	0	0	0	0
0.105928	0.13	0	0	0	0	0
0.034187	0	0	0	0	0	0
0.04768	0	0	0	0	0	0
0.047799	0	0	0	0	0	0
0.132132	0	0	0	0	0	0
0.102973	0	0	0	0	0	0
0.01602	0	0	0	0	0	0
0.087175	0	0	0	0	0	0
0.015984	0	0	0	0	0	0
0.017381	0	0	0	0	0	0
0.019265	0	0	0	0	0	0
0.010103	0	0	0	0	0	0
0.010983	0	0	0	0	0	0
0.011791	0	0	0	0	0	0
0.010349	0	0	0	0	0	0
0.038293	0	0	0	0	0	0
0.023816	0	0	0	0	0	0
0.011974	0	0	0	0	0	0
0.000933	0	0	0	0	0	0
0.000754	0	0	0	0	0	0
0.024575	0.04	0	0	0	0	0
0.03447	0	0	0	0	0	0
0.012955	0	0	0	0	0	0
0.015375	0	0	0	0	0	0
0.022875	0	0	0	0	0	0
0.028025	0	0	0	0	0	0
0.01017	0	0	0	0	0	0
0.008028	0	0	0	0	4	4
0.010064	0	4	0	0	0	4
0.009444	0	0	0	0	0	0
0.007836	0	0	0	0	0	0

0.00621	0	0	0	0	0	0
0.017065	0	0	0	0	0	0
0.005443	0	0	0	0	0	0
0.012305	0	0	0	0	5	5
0.068295	0	5	0	0	0	5
0.00864	0	0	0	0	0	0
0.006709	0	0	0	0	0	0
0.005779	0	0	0	0	0	0
0.0548	0	0	0	0	0	0
0.013326	0	0	0	0	0	0
0.544966	0	0	0	0	0	0
0.0058	0	0	0	0	0	0
0.029253	0	0	0	0	0	0
0.006228	0	0	0	0	0	0
0.012037	0	0	0	0	0	0
0.002811	0	0	0	0	0	0
0.005327	0	0	0	0	0	0
0.010814	0	0	0	0	0	0
0.008771	0	0	0	0	0	0
0.005457	0	0	0	0	0	0
0.021683	0	0	0	0	0	0
0.027774	0	0	1	1	0	2
0.036613	0	0	0	0	0	0
0.024129	0	0	0	0	0	0
0.031503	0	0	0	0	0	0
0.025553	0	0	0	0	0	0
0.007741	0	0	0	0	0	0
0.02309	0	0	0	0	0	0
0.014939	0	0	0	0	0	0
0.058122	0	0	0	0	0	0
0.035148	0	0	0	0	0	0
0.033339	0	0	0	0	0	0
0.034833	0	0	0	0	0	0
0.028162	0	0	0	0	0	0
0.022177	0	0	0	0	0	0
0.043776	0	0	0	0	0	0
0.024964	0	0	0	0	0	0
0.229255	0.08	0	0	0	0	0
0.016995	0	0	0	0	0	0
0.024234	0	0	0	0	0	0
0.076078	0	0	0	0	0	0
0.034763	0	0	0	0	0	0
0.030095	0	0	0	0	0	0
0.021907	0	0	0	0	0	0
0.026923	0	0	0	0	0	0
0.014202	0	0	0	0	0	0
0.023635	0	0	0	0	1	1
0.044525	0	1	0	0	0	1
0.1255	0	0	0	0	0	0
0.086049	0	0	0	0	0	0

0.012275	0	0	0	0	0	0
0.023111	0	0	0	0	0	0
0.012387	0	0	0	0	0	0
0.023716	0	0	0	0	0	0
0.012251	0	0	0	0	0	0
0.011547	0	0	0	0	0	0
0.013839	0	0	0	0	0	0
0.009647	0	0	0	0	0	0
0.0088	0	0	0	0	0	0
0.03056	0	0	0	0	0	0
0.100261	0	0	0	0	0	0
0.014561	0	0	0	0	0	0
0.032133	0	0	0	0	0	0
0.047311	0	0	0	0	0	0
0.070146	0	0	0	0	0	0
0.035605	0	0	0	0	0	0
0.054533	0	0	0	0	0	0
0.065277	0	0	0	0	0	0
0.027999	0	0	0	0	3	3
0.043812	0	3	0	0	0	3
0.08017	0	0	0	0	0	0
0.654943	0	0	0	0	0	0
0.017542	0	0	0	0	0	0
0.008179	0	0	0	0	0	0
0.009885	0	0	0	0	0	0
0.010668	0	0	0	0	0	0
0.006383	0	0	0	0	0	0
0.013444	0	0	0	0	0	0
0.008526	0	0	0	0	0	0
0.008684	0	0	0	0	0	0
0.00536	0	0	0	0	0	0
0.005784	0	0	0	0	0	0
0.036108	0	0	0	0	0	0
0.007451	0	0	0	0	0	0
0.006309	0	0	0	0	0	0
0.009405	0	0	0	0	0	0
0.007939	0	0	0	0	0	0
0.009428	0	0	0	0	0	0
0.007429	0	0	0	0	0	0
0.004305	0	0	0	0	0	0
0.009743	0	0	0	0	0	0
0.006607	0	0	0	0	0	0
0.003723	0	0	0	0	0	0
0.081991	0	0	0	0	0	0
0.006505	0	0	0	0	0	0
0.008118	0	0	0	1	0	1
0.015895	0	0	0	0	0	0
0.027927	0	0	0	0	0	0
0.041694	0	0	0	0	0	0
0.012031	0	0	0	0	0	0

0.027424	0	0	0	0	0	0
0.04301	0	0	0	0	0	0
0.009851	0	0	0	0	0	0
0.014628	0	0	0	0	0	0
0.027881	0	0	0	0	0	0
0.006157	0	0	0	0	5	5
0.067107	0	5	0	3	0	8
0.008994	0	0	0	0	0	0
0.028305	0	0	0	0	0	0
0.016914	0	0	0	0	0	0
0.250137	0.11	0	0	0	0	0
0.084911	0	0	0	0	0	0
0.023208	0	0	0	0	0	0
0.078665	0	0	0	0	0	0
0.065138	0	0	0	0	0	0
0.031864	0	0	0	0	0	0
0.024792	0	0	0	0	0	0
0.024256	0	0	0	0	0	0
0.039183	0	0	0	0	0	0
0.018253	0	0	0	0	0	0
0.679397	0	0	0	0	0	0
0.036095	0	0	0	0	0	0
0.032786	0	0	0	0	0	0
0.030126	0	0	0	0	0	0
0.096002	0	0	0	0	0	0
0.014268	0	0	0	0	0	0
0.186425	0	0	0	0	12	12
0.022349	0	12	0	5	0	17
0.010367	0	17	0	0	0	17
0.0068	0	0	0	0	0	0
0.044753	0	0	0	0	0	0
0.02296	0	0	0	5	0	5
0.06587	0	0	0	0	0	0
0.052315	0	0	0	0	0	0
0.028101	0	0	0	0	0	0
0.033121	0	0	0	0	0	0
0.022715	0	0	0	0	0	0
0.036732	0	0	0	0	0	0
0.024905	0	0	0	0	0	0
0.052636	0	0	0	0	0	0
0.188508	0	0	0	0	0	0
0.05286	0	0	0	0	0	0
0.038667	0	0	0	0	0	0
0.015522	0	0	0	0	0	0
0.018586	0	0	0	0	0	0
0.00604	0	0	0	0	0	0
0.036964	0	0	0	2	6	8
0.016348	0	6	0	0	0	6
0.027558	0	0	0	0	0	0
0.080897	0.03	0	0	0	0	0

0.378042	0	0	0	0	0	0
0.055584	0	0	0	0	0	0
0.291437	0	0	0	0	0	0
0.093969	0	0	0	0	0	0
0.060538	0	0	0	0	0	0
0.01308	0	0	0	0	0	0
0.012655	0	0	0	0	0	0
0.006652	0	0	0	0	0	0
0.015602	0	0	0	0	0	0
0.005857	0	0	0	0	0	0
0.009614	0	0	0	0	0	0
0.018171	0	0	0	0	0	0
0.006903	0	0	0	0	0	0
0.007278	0	0	0	0	0	0
0.00812	0	0	0	0	0	0
0.007259	0	0	0	0	0	0
0.006239	0	0	0	0	0	0
0.014616	0	0	0	0	0	0
0.015371	0	0	0	0	0	0
0.066746	0	0	0	0	0	0
0.034566	0	0	0	0	0	0
0.042147	0	0	0	0	0	0
0.067973	0	0	0	0	0	0
0.017258	0	0	0	0	0	0
0.152564	0.05	0	0	0	0	0
0.016118	0	0	0	0	0	0
0.01541	0	0	0	0	0	0
0.042108	0	0	0	0	0	0
0.010785	0	0	0	0	0	0
0.068647	0	0	0	0	0	0
0.021333	0	0	0	0	0	0
0.027415	0	0	0	0	0	0
0.020365	0	0	0	0	0	0
0.059343	0	0	0	0	0	0
0.005562	0	0	0	0	0	0
0.18696	0	0	0	0	0	0
0.163512	0	0	0	0	0	0
0.104555	0	0	0	0	0	0
0.048828	0	0	0	0	0	0
0.017932	0	0	0	0	0	0
0.013878	0	0	0	0	0	0
0.041774	0	0	0	0	0	0
0.056696	0	0	0	0	0	0
0.01616	0	0	0	0	0	0
0.0387	0	0	0	0	0	0
0.029905	0	0	0	0	0	0
0.037046	0	0	0	0	0	0
0.06068	0	0	0	0	0	0
0.011621	0	0	0	0	0	0
0.018997	0	0	0	0	0	0

0.023524	0	0	0	0	0	0
0.012553	0	0	0	0	0	0
0.020096	0	0	0	0	0	0
0.019158	0	0	0	0	0	0
0.023178	0	0	0	0	0	0
0.020541	0	0	0	0	0	0
0.021686	0	0	0	0	0	0
0.066857	0	0	0	0	0	0
0.014966	0	0	0	0	0	0
0.055352	0	0	0	0	0	0
0.026307	0	0	0	0	0	0
0.027761	0	0	0	0	0	0
0.03225	0	0	0	0	0	0
0.023573	0	0	0	0	0	0
0.024793	0	0	0	0	0	0
0.014209	0	0	0	0	0	0
0.014829	0	0	0	0	0	0
0.015161	0	0	0	0	0	0
0.017891	0	0	0	0	0	0
0.024314	0	0	0	0	0	0
0.025141	0	0	0	0	0	0
0.016289	0	0	0	0	0	0
0.016759	0	0	0	0	0	0
0.025607	0	0	0	0	0	0
0.014097	0	0	0	0	0	0
0.012486	0	0	0	0	0	0
0.018473	0	0	0	0	0	0
0.009422	0	0	0	0	0	0
0.013952	0	0	0	0	0	0
0.04811	0	0	0	0	0	0
0.01607	0	0	0	0	0	0
0.009592	0	0	0	0	0	0
0.01705	0	0	0	0	0	0
0.047595	0	0	0	0	0	0
0.035037	0	0	0	0	0	0
0.031874	0	0	0	0	0	0
0.024918	0	0	0	0	0	0
0.053311	0	0	0	0	0	0
0.02723	0	0	0	0	0	0
0.015341	0	0	0	0	0	0
0.014582	0	0	0	0	0	0
0.075554	0	0	0	0	0	0
0.113233	0	0	0	0	0	0
0.00798	0	0	0	0	0	0
0.010048	0	0	0	0	0	0
0.008264	0	0	0	0	0	0
0.00658	0	0	0	0	0	0
0.009153	0	0	0	0	0	0
0.006519	0	0	0	0	0	0
0.006093	0	0	0	0	0	0



0.010022	0	0	0	0	0	0
0.003884	0	0	0	0	0	0
0.008081	0.01	0	0	0	0	0
0.000805	0	0	0	0	0	0
0.001232	0	0	0	0	0	0
0.001314	0	0	0	0	0	0
0.001085	0	0	0	0	0	0
0.001339	0	0	0	0	0	0
0.00403	0	0	0	0	0	0
0.004047	0	0	0	0	0	0
0.047389	0	0	0	0	0	0
0.05181	0	0	0	0	0	0
0.087272	0	0	0	0	0	0
0.166978	0	0	0	0	0	0
0.171859	0	0	0	0	0	0
0.048166	0	0	0	0	0	0
0.063548	0	0	0	0	0	0
0.211608	0.04	0	0	0	0	0
0.2871	0.06	0	0	0	0	0
0.099349	0	0	0	0	0	0
0.055182	0	0	0	0	0	0
0.041639	0	0	0	0	0	0
0.238088	0	0	0	0	0	0
0.050151	0	0	0	0	0	0
0.054393	0	0	0	0	0	0
0.314243	0	0	0	0	0	0
0.559184	0	0	0	0	0	0
0.041579	0	0	0	0	0	0
0.011031	0	0	0	0	0	0
0.010264	0	0	0	0	0	0
0.026013	0	0	0	0	0	0
0.007392	0	0	0	0	0	0
0.006861	0	0	0	0	0	0
0.007977	0	0	0	0	0	0
0.011055	0	0	0	0	0	0
0.007613	0	0	0	0	0	0
0.007908	0	0	0	0	0	0
0.006481	0	0	0	0	0	0
0.008649	0	0	3	0	0	3
0.060721	0	2	0	0	0	2
0.048214	0	0	0	0	0	0
0.056829	0	0	0	0	0	0
0.039199	0	0	0	0	0	0
0.061803	0	0	0	0	10	10
0.066648	0	0	0	11	14	25
0.027862	0	0	0	0	0	0
0.042773	0	0	0	0	0	0
0.045205	0	0	0	0	0	0
0.036174	0	0	0	0	0	0
0.021419	0	0	0	0	0	0

0.007633	0	0	0	0	0	0
0.004624	0	0	0	0	0	0
0.007506	0	0	0	0	0	0
0.005853	0	0	0	0	0	0
0.005578	0	0	0	0	0	0
0.012148	0	0	0	0	0	0
0.008887	0	0	0	0	0	0
0.010843	0	0	0	0	0	0
0.007564	0	0	0	0	0	0
0.009638	0	0	0	0	0	0
0.011612	0	0	0	0	0	0
0.008179	0	0	0	0	0	0
0.037012	0	0	0	0	0	0
0.025692	0	0	0	0	0	0
0.016846	0	0	0	0	0	0
0.019338	0	0	0	0	0	0
0.008045	0	0	0	0	0	0
0.013461	0	0	0	0	0	0
0.012997	0	0	0	0	0	0
0.008767	0	0	0	0	0	0
0.009315	0	0	0	0	0	0
0.009854	0	0	0	0	0	0
0.005892	0	0	0	0	0	0
0.010188	0	0	0	0	0	0
0.015404	0	0	0	0	0	0
0.017966	0	0	0	0	0	0
0.015756	0	0	0	0	0	0
0.010428	0	0	0	0	0	0
0.011599	0	0	0	0	0	0
0.009817	0	0	0	0	0	0
0.029037	0	0	0	0	0	0
0.037999	0	0	0	0	0	0
0.078791	0	0	0	0	0	0
0.020953	0	0	0	0	0	0
0.009182	0	0	0	0	0	0
0.089993	0	0	0	0	0	0
0.065102	0	0	0	0	0	0
0.04952	0	0	0	0	0	0
0.140015	0	0	0	0	0	0
0.063763	0	0	0	0	0	0
0.038183	0	0	0	0	0	0
0.067504	0	0	0	0	0	0
0.035059	0	0	0	0	0	0
0.019656	0	0	0	0	0	0
0.065548	0	0	0	0	0	0
0.026638	0	0	0	0	0	0
0.067388	0	0	0	0	0	0
0.059234	0	0	0	0	0	0
0.057966	0	0	0	0	0	0
0.045981	0	0	0	0	0	0

0.058148	0	0	0	0	0	0
0.04867	0	0	0	0	0	0
0.062799	0	0	0	0	0	0
0.017051	0	0	0	0	0	0
0.01595	0	0	0	0	0	0
0.019026	0	0	0	0	0	0
0.013759	0	0	0	0	0	0
0.012522	0	0	0	0	0	0
0.008196	0	0	0	0	0	0
0.007354	0	0	0	0	0	0
0.006803	0	0	0	0	0	0
0.031972	0	0	0	0	0	0
0.038938	0	0	0	0	0	0
0.008167	0	0	0	0	0	0
0.030222	0	0	0	0	0	0
0.013429	0	0	0	0	0	0
0.010697	0	0	0	0	0	0
0.006591	0	0	0	0	0	0
0.010538	0	0	0	0	0	0
0.008604	0	0	0	0	0	0
0.019556	0	0	0	0	0	0
0.012814	0	0	0	0	0	0
0.679088	0.2	0	0	0	0	0
0.029362	0	0	0	0	0	0
0.01723	0	0	0	0	0	0
0.051196	0	0	0	0	0	0
0.03888	0	0	0	0	0	0
0.013267	0	0	0	0	0	0
0.017261	0	0	0	0	0	0
0.021528	0	0	0	0	0	0
0.010492	0	0	0	0	0	0
0.019225	0	0	0	0	0	0
0.004298	0	0	0	0	0	0
0.008347	0	0	0	0	0	0
0.004459	0	0	0	0	0	0
0.092953	0	0	0	0	0	0
0.03952	0	0	0	0	0	0
0.042653	0	0	0	0	0	0
0.032737	0	0	0	0	0	0
0.020319	0	0	0	0	0	0
0.045518	0	0	0	0	1	1
0.003899	0	0	0	0	0	0
0.04451	0.05	0	0	0	0	0
0.255568	0.15	0	0	0	0	0
0.038771	0	0	4	7	0	11
0.016308	0	0	0	0	17	17
0.01805	0	17	0	5	0	22
0.029827	0	0	10	0	0	10
0.01678	0	0	0	0	0	0
0.006518	0	0	0	0	0	0

0.050046	0	1	0	0	15	16
0.025153	0	0	0	0	0	0
0.008198	0	0	0	6	0	6
0.003352	0	0	0	0	0	0
0.020351	0	0	0	0	0	0
0.008046	0	0	0	0	5	5
0.014789	0	5	0	0	0	5
0.016101	0	0	0	0	8	8
0.119724	0.09	8	0	8	0	16
0.017119	0	15	0	0	0	15
0.006921	0	0	0	0	5	5
0.010302	0	0	0	0	0	0
0.023684	0	0	0	0	0	0
0.013976	0	0	0	0	0	0
0.006559	0	0	0	0	0	0
0.022509	0.04	0	0	0	0	0
0.002376	0	0	0	0	0	0
0.005105	0	0	0	0	0	0
0.044189	0.17	0	0	0	0	0
0.020129	0	0	0	0	0	0
0.022637	0	0	0	0	0	0
0.014077	0	0	0	0	0	0
0.012278	0	0	0	0	0	0
0.008433	0	0	0	0	0	0
0.128184	0	0	0	0	0	0
0.002562	0	0	0	0	0	0
0.005004	0	0	0	0	0	0
0.00533	0	0	0	0	0	0
0.004444	0	0	0	0	0	0
0.004829	0	0	0	0	0	0
0.003496	0	0	0	0	0	0
0.003085	0	0	0	0	0	0
0.003624	0	0	0	0	0	0
0.003274	0	0	0	0	0	0
0.002251	0	0	0	0	0	0
0.041972	0	0	0	0	0	0
0.017319	0	0	0	0	0	0
0.013901	0	0	0	0	0	0
0.021304	0	0	0	0	0	0
0.024853	0	0	0	0	0	0
0.016045	0	0	0	0	0	0
0.033803	0	0	0	0	0	0
0.018544	0	0	0	0	0	0
0.014731	0	0	0	0	0	0
0.013065	0	0	0	0	0	0
0.014106	0	0	0	0	0	0
0.051162	0	0	0	0	0	0
0.016148	0	0	0	0	0	0
0.055708	0	0	0	0	0	0
0.017313	0	0	0	0	0	0

0.017215	0	0	0	0	0	0
0.056118	0	0	0	0	0	0
0.011773	0	0	0	0	0	0
0.026561	0	0	0	0	0	0
0.020306	0	0	0	0	0	0
0.014273	0	0	0	0	0	0
0.006791	0	0	0	0	0	0
0.009961	0	0	0	0	0	0
0.015001	0	0	0	0	0	0
0.01029	0	0	0	0	0	0
0.020829	0	0	0	0	0	0
0.01233	0	0	0	0	0	0
0.042129	0	0	0	0	0	0
0.122565	0	0	0	0	0	0
0.05406	0	0	0	0	0	0
0.025158	0	0	0	0	0	0
0.017254	0	0	0	0	0	0
0.010103	0	0	0	0	0	0
0.030576	0	0	0	0	0	0
0.016034	0	0	0	0	1	1
0.018941	0	1	0	0	0	1
0.094129	0.05	0	0	0	0	0
0.167674	0.28	0	0	0	0	0
0.042755	0	0	0	0	0	0
0.029776	0	0	0	0	0	0
0.040946	0	0	0	0	0	0
0.024813	0	0	0	0	0	0
0.030294	0	0	0	0	0	0
0.022334	0	0	0	0	0	0
0.022548	0	0	0	0	0	0
0.059498	0	0	0	0	0	0
0.054931	0	0	0	0	0	0
0.971032	0.01	0	0	0	0	0
0.037263	0	0	0	0	0	0
0.043557	0	0	0	0	0	0
0.063016	0	0	0	0	0	0
0.030931	0	0	0	0	0	0
0.019772	0	0	0	0	0	0
0.044721	0	0	0	0	0	0
0.041489	0	0	0	0	0	0
0.016633	0	0	0	0	0	0
0.028838	0	0	0	0	0	0
0.035305	0	0	0	0	0	0
0.02178	0	0	0	0	0	0
0.026052	0	0	0	0	0	0
0.036951	0	0	0	0	0	0
0.029073	0	0	0	0	0	0
0.009835	0	0	0	0	0	0
0.006358	0	0	0	0	0	0
0.02621	0.05	0	0	0	0	0

0.019619	0	0	0	0	0	0
0.026647	0	0	0	0	0	0
0.067966	0	0	0	0	0	0
0.035749	0	0	0	0	0	0
0.054706	0	0	0	0	0	0
0.016565	0	0	0	0	0	0
0.042393	0	0	0	0	0	0
0.030167	0	0	0	0	0	0
0.023299	0	0	0	0	0	0
0.004241	0	0	0	0	0	0
0.022798	0	0	0	0	0	0
0.008546	0	0	0	0	0	0
0.039193	0	0	0	0	0	0
0.040365	0	0	0	0	0	0
0.012856	0	0	0	0	0	0
0.008797	0	0	0	0	0	0
0.009615	0	0	0	0	0	0
0.006883	0	0	0	0	0	0
0.079162	0	0	0	0	0	0
0.041692	0	0	0	0	0	0
0.083665	0	0	0	0	0	0
0.013045	0	0	0	0	0	0
0.020118	0	0	0	0	0	0
0.033558	0	0	0	0	0	0
0.023325	0	0	0	0	0	0
0.01843	0	0	0	0	0	0
0.016398	0	0	0	0	0	0
0.014135	0	0	0	0	0	0
0.022936	0	0	0	0	0	0
0.018766	0	0	0	0	0	0
0.031594	0	0	0	0	0	0
0.019572	0	0	0	0	0	0
0.014372	0	0	0	0	0	0
0.016016	0	0	0	0	0	0
0.015132	0	0	0	0	0	0
0.029725	0	0	0	0	0	0
0.075744	0	0	0	0	0	0
0.065083	0	0	0	0	0	0
0.041333	0	0	0	0	0	0
0.058014	0	0	0	0	0	0
0.037491	0	0	0	0	0	0
0.0585	0	0	0	0	0	0
0.083233	0	0	0	0	0	0
0.244631	0	0	0	0	0	0
0.265282	0	0	0	0	0	0
0.120259	0	0	0	0	0	0
0.128442	0	0	0	0	0	0
0.013266	0	0	0	0	0	0
0.013144	0	0	0	0	0	0
0.015313	0	0	0	0	0	0

0.011546	0	0	0	0	0	0
0.01275	0	0	0	0	0	0
0.007767	0	0	0	0	0	0
0.009002	0	0	0	0	0	0
0.006612	0	0	0	0	0	0
0.0232	0	0	0	0	0	0
0.008091	0	0	0	0	0	0
0.015355	0	0	0	0	0	0
0.012957	0	0	0	0	0	0
0.003227	0	0	0	0	0	0
0.00396	0	0	0	0	0	0
0.011271	0	0	0	0	0	0
0.00742	0	0	0	0	0	0
0.006561	0	0	0	0	0	0
0.010114	0	0	0	0	0	0
0.008329	0	0	0	0	0	0
0.021325	0.01	0	0	0	0	0
0.00957	0	0	0	0	0	0
0.013633	0	0	0	0	0	0
0.071511	0	0	0	0	0	0
0.020017	0	0	0	0	0	0
0.018676	0	0	0	0	0	0
0.020618	0	0	0	0	0	0
0.013784	0	0	0	0	0	0
0.012414	0	0	0	0	0	0
0.060505	0	0	4	0	0	4
0.081042	0	0	0	0	0	0
0.023426	0	0	0	0	0	0
0.027347	0	0	0	0	0	0
0.005895	0	0	0	0	0	0
0.011603	0	0	0	0	0	0
0.011289	0	0	0	0	0	0
0.020273	0	0	0	0	0	0
0.012884	0	0	0	0	0	0
0.003945	0	0	0	0	0	0
0.002488	0	0	0	0	0	0
0.002005	0	0	0	0	0	0
0.006135	0	0	0	0	0	0
0.002219	0	0	0	0	0	0
0.056828	0	0	0	0	0	0
0.052903	0	0	0	0	0	0
0.046565	0	0	0	0	0	0
0.051051	0	0	0	0	0	0
0.237212	0	0	0	0	0	0
0.110834	0.11	0	0	0	0	0
0.078257	0.09	0	4	4	0	8
0.002359	0	0	0	0	0	0
0.013968	0	0	0	0	0	0
0.079814	0	0	0	0	0	0
0.026017	0	0	0	0	0	0

0.023551	0	0	0	0	0	0
0.03301	0	0	0	0	0	0
0.04622	0	0	0	0	0	0
0.020419	0	0	0	0	0	0
0.105347	0	0	0	0	0	0
0.05594	0	0	0	0	0	0
0.114075	0	0	0	0	0	0
0.038859	0	0	0	0	0	0
0.034187	0	0	0	0	0	0
0.028302	0	0	0	0	0	0
0.035202	0	0	0	0	0	0
0.020263	0	0	0	0	0	0
0.018851	0	0	0	0	0	0
0.015794	0	0	0	0	0	0
0.013892	0	0	0	0	0	0
0.023297	0	0	0	0	0	0
0.002648	0	0	0	0	0	0
0.004374	0	0	0	0	0	0
0.006634	0	0	0	0	0	0
0.017744	0	0	0	0	0	0
0.012218	0	0	0	0	0	0
0.002545	0	0	0	0	0	0
0.001268	0	0	0	0	0	0
0.00024	0	0	0	0	0	0
0.000164	0	0	0	0	0	0
0.000201	0	0	0	0	0	0
0.003704	0	0	0	0	0	0
0.000191	0	0	0	0	0	0
0.00031	0	0	0	0	0	0
0.000281	0	0	0	0	0	0
0.000158	0	0	0	0	0	0
0.00131	0	0	0	0	0	0
0.000239	0	0	0	0	10	10
0.000414	0	10	0	0	0	10
0.001656	0	0	0	0	0	0
0.001265	0	0	0	0	0	0
0.011396	0	0	0	0	0	0
0.002097	0	0	0	0	0	0
0.001938	0	0	0	0	0	0
0.000275	0	0	0	0	0	0
0.000153	0	0	0	0	0	0
0.000127	0	0	0	0	0	0
0.000313	0	0	0	0	0	0
0.001491	0	0	0	0	0	0
0.000561	0	0	0	0	0	0
0.000303	0	0	0	0	0	0
0.002438	0	0	0	0	0	0
0.003585	0	0	0	0	0	0
0.015932	0	0	0	0	0	0
0.004692	0	0	0	0	0	0



0.000864	0	0	0	0	0	0
0.000524	0	0	0	0	0	0
0.005288	0	0	0	0	0	0
0.001186	0	0	0	0	0	0
0.028707	0	0	0	0	0	0
0.324168	0.02	0	0	0	0	0
0.005129	0	0	0	0	0	0
0.003381	0	0	0	0	0	0
0.045009	0.01	0	0	0	0	0
0.093097	0.01	0	0	0	0	0
0.049915	0	0	0	0	0	0
0.960508	0	0	0	0	0	0
0.958246	0	0	0	0	0	0
0.811529	0	0	0	0	0	0
0.006379	0	0	0	0	0	0
0.024272	0.03	0	0	0	0	0
0.023048	0.01	0	0	0	0	0
0.023031	0.02	0	0	0	0	0
0.01626	0	0	0	0	0	0
0.005543	0	0	0	0	0	0
0.003956	0	0	0	0	0	0
0.004262	0	0	0	0	4	4
0.009505	0	4	0	0	0	4
0.022683	0	0	0	0	0	0
0.004154	0	0	0	0	0	0
0.008493	0	0	0	0	0	0
0.004054	0	0	0	0	0	0
0.09127	0	0	0	0	0	0
0.00936	0	0	0	0	0	0
0.006907	0	0	0	0	0	0
0.008111	0	0	0	0	0	0
0.004186	0	0	0	0	0	0
0.002286	0	0	0	0	0	0
0.002515	0	0	0	0	0	0
0.000803	0	0	0	0	0	0
0.020147	0	0	0	0	0	0
0.030037	0	0	0	0	0	0
0.024652	0	0	0	0	0	0
0.025908	0	0	0	0	0	0
0.007835	0	0	0	0	10	10
0.012046	0	10	0	0	0	10
0.011794	0	0	0	0	0	0
0.019993	0.03	0	0	0	0	0
0.009215	0	0	0	0	0	0
0.004367	0	0	0	0	0	0
0.912603	0.04	0	0	0	0	0
0.106656	0.03	0	0	0	0	0
0.009623	0	0	0	0	0	0
0.008411	0	0	0	0	0	0
0.011186	0	0	0	0	0	0

0.00447	0	0	0	0	0	0
0.012422	0	0	0	0	0	0
0.005382	0	0	0	0	0	0
0.009312	0	0	0	0	0	0
0.108231	0	0	0	0	0	0
0.013539	0	0	0	0	0	0
0.016771	0	0	0	0	0	0
0.030221	0	0	0	0	0	0
0.015673	0	0	0	0	0	0
0.017516	0	0	0	0	0	0
0.101237	0	0	0	0	0	0
0.012414	0	0	0	0	0	0
0.011038	0	0	0	0	0	0
0.068955	0	0	0	0	0	0
0.042903	0	0	0	0	0	0
0.081068	0	0	0	0	0	0
0.025482	0	0	0	0	0	0
0.033746	0	0	0	0	0	0
0.02447	0	0	0	0	0	0
0.012234	0	0	0	0	0	0
0.047046	0	0	0	0	0	0
0.048148	0	0	0	0	0	0
0.055684	0	0	0	0	0	0
0.016524	0	0	0	0	0	0
0.169809	0	0	0	0	0	0
0.091012	0	0	0	0	0	0
0.150924	0.04	0	0	0	0	0
0.074997	0	0	0	0	0	0
0.059218	0	0	0	0	0	0
0.088448	0	0	0	0	0	0
0.039507	0	0	0	0	0	0
0.022537	0	0	0	0	0	0
0.029395	0	0	0	0	0	0
0.038125	0	0	0	0	0	0
0.046167	0	0	0	0	0	0
0.018908	0	0	0	0	0	0
0.032555	0	0	0	0	0	0
0.023331	0	0	0	0	0	0
0.0252	0	0	0	0	0	0
0.0003	0	0	0	0	0	0
0.002939	0	0	0	0	0	0
0.006089	0.01	0	0	0	0	0
0.078561	0	0	0	0	0	0
0.048904	0	0	0	0	0	0
0.051931	0	0	0	0	0	0
0.018038	0	0	0	0	0	0
0.069901	0	0	0	0	0	0
0.011832	0	0	0	0	0	0
0.011291	0	0	0	0	0	0
0.014343	0	0	0	0	0	0

0.013925	0	0	0	0	0	0
0.010142	0	0	0	0	0	0
0.009498	0	0	0	0	0	0
0.020892	0	0	0	0	0	0
0.012059	0	0	0	0	0	0
0.021336	0	0	0	0	0	0
0.013517	0	0	0	0	0	0
0.008833	0	0	0	0	0	0
0.01463	0	0	0	0	0	0
0.011089	0	0	0	0	0	0
0.019267	0	0	0	0	0	0
0.037429	0	0	0	0	0	0
0.009196	0	0	0	0	0	0
0.016644	0	0	0	0	0	0
0.009956	0	0	0	0	0	0
0.018481	0	0	0	0	0	0
0.011422	0	0	0	0	0	0
0.014158	0	0	0	0	0	0
0.014678	0	0	0	0	0	0
0.015828	0	0	0	0	0	0
0.017868	0	0	0	0	0	0
0.018739	0	0	0	0	0	0
0.104252	0	0	0	0	0	0
0.015763	0	0	0	0	0	0
0.013966	0	0	0	0	0	0
0.011671	0	0	0	0	0	0
0.00878	0	0	0	0	0	0
0.011414	0	0	0	0	0	0
0.00788	0	0	0	0	0	0
0.007652	0	0	0	0	0	0
0.050934	0	0	0	0	0	0
0.009679	0	0	0	0	0	0
0.007497	0	0	0	0	0	0
0.004595	0	0	0	0	0	0
0.005329	0	0	0	0	0	0
0.008162	0	0	0	0	0	0
0.00863	0	0	0	0	0	0
0.01025	0	0	0	0	0	0
0.004684	0	0	0	0	0	0
0.004248	0	0	0	0	0	0
0.009181	0	0	0	0	0	0
0.016318	0	0	0	0	0	0
0.019886	0	0	0	0	0	0
0.005992	0	0	0	0	0	0
0.014313	0	0	0	0	0	0
0.022431	0	0	0	0	0	0
0.008722	0	0	0	0	0	0
0.014398	0	0	0	0	0	0
0.037474	0	0	0	0	0	0
0.033205	0	0	0	0	0	0

0.052995	0	0	0	0	0	0
0.123109	0	0	0	0	0	0
0.018925	0	0	0	0	0	0
0.014315	0	0	0	0	0	0
0.013065	0	0	0	0	0	0
0.014905	0	0	0	0	0	0
0.032597	0	0	0	0	0	0
0.025025	0	0	0	0	0	0
0.026349	0	0	0	0	0	0
0.878376	0.38	0	0	0	0	0
0.009737	0	0	0	0	0	0
0.020249	0	0	0	0	0	0
0.015524	0	0	0	0	0	0
0.241971	0.01	4	0	0	0	4
0.216074	0.03	0	0	0	0	0
0.028903	0	0	0	0	0	0
0.024499	0	0	0	0	0	0
0.052643	0	0	0	0	0	0
0.029783	0	0	0	0	0	0
0.055984	0	0	0	0	0	0
0.008852	0	0	0	0	0	0
0.020827	0	0	0	0	0	0
0.013559	0	0	0	0	0	0
0.019759	0	0	0	0	0	0
0.013609	0	0	0	0	0	0
0.008679	0	0	0	0	0	0
0.005311	0	0	0	0	0	0
0.006108	0	0	0	0	0	0
0.00588	0	0	0	0	0	0
0.006128	0	0	0	0	0	0
0.016565	0	0	0	0	0	0
0.012717	0	0	0	0	0	0
0.019962	0	0	0	0	0	0
0.090103	0	0	0	0	0	0
0.029436	0	0	0	0	0	0
0.058477	0	0	0	0	0	0
0.06403	0	0	0	0	0	0
0.149227	0.03	0	0	0	0	0
0.23001	0.09	0	0	0	0	0
0.015851	0	0	0	0	0	0
0.014817	0	0	0	0	0	0
0.012198	0	0	0	0	0	0
0.029733	0	0	0	0	0	0
0.298254	0.13	0	0	0	0	0
0.020993	0	0	0	0	0	0
0.021652	0	0	0	0	0	0
0.106599	0	0	0	0	0	0
0.0062	0	0	0	0	0	0
0.007039	0	0	0	0	0	0
0.055233	0	0	0	0	0	0

0.037043	0	0	0	0	0	0
0.040243	0	0	0	0	0	0
0.055371	0	0	0	0	0	0
0.008024	0	0	0	0	0	0
0.01779	0	0	0	0	0	0
0.024359	0	0	0	0	0	0
0.021096	0	0	0	0	0	0
0.043831	0	0	0	0	0	0
0.009003	0	0	0	0	0	0
0.060227	0	0	0	0	0	0
0.064689	0	0	0	0	0	0
0.173003	0	0	0	0	0	0
0.015363	0	0	0	0	0	0
0.29419	0.11	0	0	0	0	0
0.076545	0	0	0	0	0	0
0.048609	0	0	0	0	0	0
0.021952	0	0	0	0	0	0
0.022577	0	0	0	0	0	0
0.020242	0	0	0	0	0	0
0.02963	0	0	0	0	0	0
0.0123	0	0	0	0	0	0
0.014144	0	0	0	0	0	0
0.011456	0	0	0	0	0	0
0.016024	0	0	0	0	0	0
0.013087	0	0	0	0	0	0
0.019897	0	0	0	0	0	0
0.036448	0	0	0	0	0	0
0.026274	0	0	0	0	0	0
0.027991	0	0	0	0	0	0
0.051912	0	0	2	0	0	2
0.028914	0	0	0	0	0	0
0.025607	0	0	0	0	0	0
0.037398	0	0	0	0	0	0
0.023504	0	0	0	0	0	0
0.022488	0	0	0	0	0	0
0.027194	0	0	0	0	0	0
0.016171	0	0	0	0	0	0
0.01719	0	0	1	0	0	1
0.004452	0	0	0	0	0	0
0.003436	0	0	0	0	0	0
0.004826	0	0	0	0	0	0
0.01661	0	0	0	0	0	0
0.016215	0	0	0	0	0	0
0.003944	0	0	0	0	0	0
0.003939	0	0	0	0	0	0
0.002468	0	0	0	0	0	0
0.006617	0	0	0	4	0	4
0.001748	0	0	0	0	0	0
0.022014	0	0	6	0	0	6
0.003177	0	0	0	0	0	0

0.026193	0	0	0	0	0	0
0.250682	0	0	0	0	0	0
0.057713	0	0	0	0	0	0
0.014607	0	0	0	0	0	0
0.014372	0	0	0	0	0	0
0.007903	0	0	0	0	6	6
0.004339	0	0	0	0	0	0
0.005629	0	0	0	0	0	0
0.003177	0	0	0	0	0	0
0.003132	0	0	0	0	0	0
0.004635	0	0	0	0	0	0
0.005683	0	0	0	0	0	0
0.004823	0	0	0	0	0	0
0.046552	0	0	0	0	0	0
0.017355	0	0	0	0	0	0
0.027647	0	0	0	0	0	0
0.035177	0	0	0	0	0	0
0.02687	0	0	0	0	0	0
0.036406	0	0	0	0	0	0
0.015097	0	0	0	0	0	0
0.040424	0	0	0	0	0	0
0.031181	0	0	0	0	0	0
0.014201	0	0	0	0	0	0
0.025073	0	0	0	0	0	0
0.019316	0	0	0	0	0	0
0.011385	0	0	0	0	0	0
0.02077	0	0	0	0	0	0
0.012738	0	0	0	0	0	0
0.040581	0	0	0	0	0	0
0.034557	0	0	0	0	0	0
0.031851	0	0	0	0	0	0
0.022183	0	0	0	0	0	0
0.026869	0	0	0	0	0	0
0.026038	0	0	0	0	0	0
0.134174	0	0	0	0	0	0
0.032275	0	0	0	0	0	0
0.422272	0.02	0	0	0	0	0
0.017771	0	0	0	0	0	0
0.031948	0	0	0	0	0	0
0.016191	0	0	0	0	0	0
0.020463	0	0	0	0	0	0
0.030645	0	0	0	0	0	0
0.017394	0	0	0	0	0	0
0.097849	0	0	0	0	0	0
0.025624	0	0	0	0	0	0
0.056072	0	0	0	0	7	7
0.011336	0	7	0	0	3	10
0.028309	0	3	0	0	0	3
0.105209	0	0	0	0	0	0
0.09776	0	0	0	0	0	0

0.102911	0	0	0	0	0	0
0.076266	0	0	0	0	0	0
0.061811	0	0	0	0	0	0
0.135645	0	0	0	0	0	0
0.519881	0.12	0	0	0	0	0
0.260026	0	0	0	0	0	0
0.104536	0	0	0	0	0	0
0.367092	0	0	0	0	0	0
0.007007	0	0	0	0	0	0
0.00188	0	0	0	0	0	0
0.003388	0	0	0	0	0	0
0.003797	0	0	0	0	0	0
0.003035	0	0	0	0	0	0
0.003833	0	0	0	0	0	0
0.010486	0	0	0	0	0	0
0.017272	0	0	0	0	0	0
0.002666	0	5	0	0	0	5
0.002402	0	0	0	0	5	5
0.002965	0	5	0	0	0	5
0.002896	0	0	0	0	0	0
0.008988	0	0	0	0	0	0
0.003638	0	0	0	0	0	0
0.00139	0	0	0	0	0	0
0.001493	0	0	0	0	0	0
0.00117	0	0	0	0	0	0
0.003129	0	0	0	0	0	0
0.016595	0	0	0	0	0	0
0.001316	0	0	0	0	0	0
0.004428	0	0	0	0	0	0
0.005078	0	0	0	0	0	0
0.009705	0	0	0	0	0	0
0.013512	0	0	0	0	0	0
0.011667	0	0	0	0	0	0
0.00422	0	0	0	0	1	1
0.003905	0	1	0	0	5	6
0.025069	0	0	0	0	0	0
0.02698	0	0	0	0	0	0
0.009843	0	0	0	0	0	0
0.054607	0	0	0	0	0	0
0.162803	0	0	0	0	0	0
0.037477	0	0	0	0	0	0
0.023411	0	0	0	0	0	0
0.051291	0	0	0	0	0	0
0.130705	0	0	0	0	0	0
0.023691	0	0	0	0	0	0
0.065405	0.07	0	0	0	0	0
0.017863	0	0	0	0	0	0
0.037599	0	0	0	0	0	0
0.08063	0	0	0	0	0	0
0.011254	0	0	0	0	0	0

0.02312	0	0	0	0	0	0
0.021344	0	0	0	0	0	0
0.019644	0	0	0	0	0	0
0.014014	0	0	0	0	0	0
0.02618	0	0	0	0	0	0
0.011473	0	0	0	0	0	0
0.006953	0	0	0	0	0	0
0.01382	0	0	0	0	0	0
0.193391	0	0	0	0	0	0
0.017715	0	0	0	0	0	0
0.081603	0	0	0	0	0	0
0.057587	0	0	0	0	0	0
0.023347	0	0	0	0	0	0
0.022151	0	0	0	0	0	0
0.023942	0	0	0	0	0	0
0.015053	0	0	0	0	0	0
0.043035	0	0	0	0	0	0
0.016935	0	0	0	0	0	0
0.045912	0	0	0	0	0	0
0.005365	0	0	0	0	0	0
0.004536	0	0	0	0	0	0
0.005478	0	0	0	0	0	0
0.004775	0	0	0	0	0	0
0.009845	0	0	0	0	0	0
0.020475	0	0	0	0	0	0
0.013416	0	0	0	0	0	0
0.013715	0	0	0	0	0	0
0.013345	0	0	0	0	0	0
0.024926	0	0	0	0	0	0
0.028636	0	0	0	0	0	0
0.03228	0	0	2	0	0	2
0.029558	0	0	0	0	0	0
0.01596	0	0	0	0	0	0
0.006382	0	0	0	0	0	0
0.016306	0	0	0	0	0	0
0.023545	0	0	0	0	0	0
0.009	0	0	0	0	0	0
0.014722	0	0	0	0	0	0
0.014743	0	0	0	0	0	0
0.008434	0	0	0	0	0	0
0.010066	0	0	0	0	0	0
0.018325	0	0	0	0	0	0
0.01581	0	0	0	0	0	0
0.009795	0	0	0	0	0	0
0.006708	0	0	0	0	0	0
0.01024	0	0	0	0	0	0
0.039713	0	0	0	0	0	0
0.007698	0	0	0	0	0	0
0.026311	0	0	0	0	0	0
0.26143	0.11	0	0	0	0	0



0.031264	0	0	0	0	0	0
0.049035	0	0	0	0	0	0
0.020023	0	0	0	0	0	0
0.040157	0	0	0	0	0	0
0.096204	0	0	0	0	0	0
0.026738	0	0	0	0	0	0
0.01751	0	0	0	0	0	0
0.016612	0	0	0	0	0	0
0.033873	0	0	0	0	0	0
0.021042	0	0	0	0	0	0
0.0286	0	0	0	0	0	0
0.021924	0	0	0	0	0	0
0.025293	0	0	0	0	0	0
0.016285	0	0	0	0	0	0
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0.033373	0	0	0	0	0	0
0.052071	0	0	0	0	0	0
0.069818	0	0	0	0	0	0
0.030425	0	0	0	0	0	0
0.039099	0	0	0	0	0	0
0.06636	0	0	0	0	0	0
0.036414	0	0	0	0	0	0
0.02777	0	0	0	0	0	0
0.027509	0	0	0	0	0	0
0.014023	0	0	0	0	0	0
0.053874	0	0	0	0	0	0
0.035579	0	0	0	0	0	0
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0.04141	0	0	0	0	0	0
0.044493	0	0	0	0	0	0
0.06002	0	0	0	0	0	0
0.030543	0	0	0	0	0	0
0.042001	0	0	0	0	0	0
0.054665	0	0	0	0	0	0
0.041004	0	0	0	0	0	0
0.094247	0	0	0	0	0	0
0.011754	0	0	0	0	0	0
0.079281	0	0	0	0	0	0
0.065779	0	0	0	0	0	0
0.044016	0	0	0	0	0	0
0.060366	0	0	0	0	0	0
0.020153	0	0	0	0	0	0
0.019133	0	0	0	0	0	0
0.132921	0	0	0	0	0	0
0.304683	0	0	0	0	0	0
0.033936	0	0	0	0	0	0
0.014688	0	0	0	0	0	0
0.011141	0	0	0	0	0	0
0.029697	0	0	0	0	0	0
0.066515	0	0	0	0	0	0

0.038383	0	0	0	0	0	0
0.054905	0	0	0	0	0	0
0.056324	0	0	0	0	0	0
0.086382	0	0	0	0	0	0
0.027617	0	0	0	0	0	0
0.03555	0	0	0	0	0	0
0.087735	0	0	0	0	0	0
0.095684	0	0	0	0	0	0
0.042178	0	0	0	0	0	0
0.043493	0	0	0	0	0	0
0.052577	0	0	0	0	0	0
0.05882	0	0	0	0	0	0
0.039371	0	0	0	0	0	0
0.05929	0	0	0	0	0	0
0.033155	0	0	0	0	0	0
0.074559	0	0	0	0	0	0
0.027271	0	0	0	0	0	0
0.026613	0	0	0	0	0	0
0.081218	0	0	0	0	0	0
0.050675	0	0	0	0	0	0
0.047134	0	0	0	0	0	0
0.088958	0	0	0	0	0	0
0.032301	0	0	0	0	0	0
0.200501	0	0	0	0	0	0
0.019385	0	0	0	0	0	0
0.102045	0	0	0	0	0	0
0.046098	0	0	0	0	0	0
0.031631	0	0	0	0	0	0
0.03245	0	0	0	0	0	0
0.037856	0	0	0	0	0	0
0.046143	0	0	0	0	0	0
0.044789	0	0	0	0	0	0
0.054835	0	0	0	0	0	0
0.062392	0	0	0	0	0	0
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0.039068	0	0	0	0	0	0
0.052571	0	0	0	0	0	0
0.035764	0	0	0	0	0	0
0.031065	0	0	0	0	0	0
0.3448	0	0	0	0	0	0
0.135964	0	0	0	0	0	0
0.057727	0	0	0	0	0	0
0.210361	0	0	0	0	0	0
0.074196	0	0	0	0	0	0
0.030648	0	0	0	0	0	0
0.0658	0	0	0	0	0	0
0.07512	0	0	0	0	0	0
0.079144	0	0	0	0	0	0
0.065181	0	0	0	0	0	0
0.049841	0	0	0	0	0	0

0.116391	0	0	0	0	0	0
0.056343	0	0	0	0	0	0
0.055334	0	0	0	0	0	0
0.053596	0	0	0	0	0	0
0.024036	0	0	0	0	0	0
0.015889	0	0	0	0	0	0
0.008401	0	0	0	0	0	0
0.035568	0	0	0	0	0	0
0.014321	0	0	0	0	0	0
0.143705	0	0	0	0	0	0
0.057168	0	0	0	0	0	0
0.018665	0	0	0	0	0	0
0.024589	0	0	0	0	0	0
0.034264	0	0	0	0	0	0
0.054276	0	0	0	0	0	0
0.028145	0	0	0	0	0	0
0.018331	0	0	0	0	0	0
0.022147	0	0	0	0	0	0
0.043055	0	0	0	0	0	0
0.072515	0	0	0	0	0	0
0.076775	0	0	0	0	0	0
0.081982	0	0	0	0	0	0
0.089491	0	0	0	0	0	0
0.035079	0	0	0	0	0	0
0.07944	0	0	0	0	0	0
0.097817	0	0	0	0	0	0
0.10199	0	0	0	0	0	0
0.024264	0	0	0	0	0	0
0.030145	0	0	0	0	0	0
0.021843	0	0	0	0	0	0
0.327895	0	0	0	0	0	0
0.030201	0	0	0	0	0	0
0.046895	0	0	0	0	0	0
0.022091	0	0	0	0	0	0
0.098605	0	0	0	0	0	0
0.054577	0	0	0	0	0	0
0.042461	0	0	0	0	0	0
0.067451	0	0	0	0	0	0
0.059089	0	0	0	0	0	0
0.072551	0	0	0	0	0	0
0.083906	0	0	0	0	0	0
0.09193	0	0	0	0	0	0
0.059716	0	0	0	0	0	0
0.071398	0	0	0	0	0	0
0.057664	0	0	0	0	0	0
0.090573	0	0	0	0	0	0
0.024136	0	0	0	0	0	0
0.045843	0	0	0	0	0	0
0.050936	0	0	0	0	0	0
0.062206	0	0	0	0	0	0

0.058193	0	0	0	0	0	0
0.029414	0	0	0	0	0	0
0.025098	0	0	0	0	0	0
0.054925	0	0	0	0	0	0
0.070624	0	0	0	0	0	0
0.006239	0	0	0	0	0	0
0.008293	0	0	0	0	0	0
0.011547	0	0	0	0	0	0
0.01339	0	0	0	0	0	0
0.055768	0	0	0	0	0	0
0.042204	0	0	0	0	0	0
0.039291	0	0	0	0	0	0
0.035256	0	0	0	0	0	0
0.05561	0	0	0	0	0	0
0.057476	0	0	0	0	0	0
0.011147	0	0	0	0	0	0
0.051118	0	0	0	0	0	0
0.065507	0	0	0	0	0	0
0.16501	0	0	0	0	0	0
0.037253	0	0	0	0	0	0
0.05255	0	0	0	0	0	0
0.072034	0	0	0	0	0	0
0.035776	0	0	0	0	0	0
0.049506	0	0	0	0	0	0
0.064208	0.04	0	0	0	0	0
0.018315	0	0	0	0	0	0
0.045831	0	0	0	0	0	0
0.042507	0	0	0	0	0	0
0.015217	0	0	0	0	0	0
0.013829	0	0	0	0	0	0
0.017572	0	0	0	0	0	0
0.024206	0	0	0	0	0	0
0.016463	0	0	0	0	0	0
0.003252	0	0	0	0	0	0
0.010232	0	0	0	0	0	0
0.008217	0	0	0	0	0	0
0.004841	0	0	0	0	0	0
0.013101	0	0	0	0	0	0
0.011897	0	0	0	0	0	0
0.009637	0.01	0	0	0	0	0
0.007941	0	0	0	0	0	0
0.00543	0	7	0	0	0	7
0.000914	0	0	0	0	0	0
0.030719	0	0	0	0	0	0
0.010065	0	0	0	0	0	0
0.017246	0	0	0	0	0	0
0.034445	0	0	0	0	0	0
0.040608	0	0	0	0	0	0
0.081039	0	0	0	0	0	0
0.074764	0	0	0	0	0	0

0.036984	0	0	0	0	0	0
0.354181	0.1	0	0	0	0	0
0.010511	0	0	0	0	0	0
0.010956	0	0	0	0	0	0
0.004734	0	0	0	0	0	0
0.006047	0	0	0	0	0	0
0.005853	0	0	0	0	0	0
0.017143	0	0	0	0	0	0
0.005704	0	0	0	0	0	0
0.051419	0	0	0	0	0	0
0.003879	0	0	0	0	0	0
0.003416	0	0	0	0	0	0
0.026496	0	0	0	0	0	0
0.016907	0	0	0	0	0	0
0.00268	0	0	0	0	0	0
0.0032	0	0	0	0	0	0
0.028405	0	0	0	0	0	0
0.013464	0	0	0	0	0	0
0.123887	0	0	0	0	0	0
0.023749	0	0	0	0	0	0
0.007308	0	0	0	0	0	0
0.017719	0	0	0	0	0	0
0.005917	0	0	0	0	0	0
0.49577	0	0	0	0	0	0
0.047611	0	0	0	0	0	0
0.047727	0	0	0	0	0	0
0.098738	0	0	0	0	0	0
0.082613	0	0	0	0	0	0
0.069097	0	0	0	0	0	0
0.036254	0	0	0	0	0	0
0.075105	0	0	0	0	0	0
0.072116	0	0	0	0	0	0
0.042722	0	0	0	0	0	0
0.778291	0.35	0	0	0	0	0
0.001333	0	0	0	0	0	0
0.001211	0	0	0	0	0	0
0.002616	0	0	0	0	0	0
0.003976	0	0	0	0	0	0
0.042517	0	0	0	0	0	0
0.016284	0	0	0	0	0	0
0.015121	0	0	0	0	0	0
0.010052	0	0	0	0	0	0
0.011039	0	0	0	0	0	0
0.01165	0	0	0	0	0	0
0.008509	0	0	0	0	0	0
0.005485	0	0	0	0	0	0
0.069833	0	0	0	0	0	0
0.063685	0	0	0	0	0	0
0.109747	0	0	0	0	0	0
0.049339	0	0	0	0	0	0

0.057985	0	0	0	0	0	0
0.032567	0	0	0	0	0	0
0.111366	0	0	0	0	0	0
0.124772	0	0	0	0	0	0
0.069629	0	0	0	0	0	0
0.08172	0	0	0	0	0	0
0.011302	0	0	0	0	0	0
0.003962	0	0	0	0	0	0
0.005044	0	0	0	0	0	0
0.002452	0	0	0	0	0	0
0.031169	0	0	0	0	0	0
0.023993	0	0	0	0	0	0
0.091672	0	0	0	0	0	0
0.039608	0	0	0	0	0	0
0.031014	0	0	0	0	0	0
0.048045	0	0	0	0	0	0
0.032048	0	0	0	0	0	0
0.030284	0	0	0	0	0	0
0.023334	0	0	0	0	0	0
0.080573	0	0	0	0	0	0
0.112209	0	0	0	0	0	0
0.096929	0	0	0	0	0	0
0.147943	0	0	0	0	0	0
0.019218	0	0	0	0	0	0
0.011044	0	0	0	0	0	0
0.018593	0	0	0	0	0	0
0.008301	0	0	0	0	0	0
0.007667	0	0	0	0	0	0
0.006284	0	0	0	0	0	0
0.100526	0	0	0	0	0	0
0.132947	0	0	0	0	0	0
0.052547	0	0	0	0	0	0
0.028768	0	0	0	0	0	0
0.038546	0	0	0	0	0	0
0.052089	0	0	0	0	0	0
0.03589	0	0	0	0	0	0
0.010008	0	0	0	0	0	0
0.019564	0	0	0	0	0	0
0.327136	0	0	0	0	0	0
0.040351	0	0	0	0	0	0
0.010897	0	0	0	0	0	0
0.009642	0	0	0	0	0	0
0.008735	0	0	0	0	0	0
0.078971	0.01	0	0	0	0	0
0.038183	0	0	0	0	0	0
0.006152	0	0	0	0	0	0
0.005772	0	0	0	0	0	0
0.015728	0	0	0	0	0	0
0.088803	0.01	0	0	0	0	0
0.202856	0	0	0	0	0	0

0.099636	0	0	0	0	0	0
0.10591	0	0	0	0	0	0
0.193972	0.05	0	0	0	0	0
0.11256	0	0	0	0	0	0
0.176127	0	0	0	0	0	0
0.087735	0	0	0	0	0	0
0.083076	0	0	0	0	0	0
0.068817	0	0	0	0	0	0
0.074047	0	0	0	0	0	0
0.040523	0	0	0	0	0	0
0.038992	0	0	0	0	0	0
0.060611	0	0	0	0	0	0
0.046673	0	0	0	0	0	0
0.093627	0	0	0	0	0	0
0.046533	0	0	0	0	0	0
0.07128	0	0	0	0	0	0
0.257174	0	0	0	0	0	0
0.082732	0	0	0	0	0	0
0.054235	0	0	0	0	0	0
0.003718	0	0	0	0	0	0
0.005544	0	0	0	0	0	0
0.009538	0	0	0	0	0	0
0.004354	0	0	0	0	0	0
0.00185	0	0	0	0	0	0
0.002268	0	0	0	0	0	0
0.002054	0	0	0	0	0	0
0.001953	0	0	0	0	0	0
0.006156	0	0	0	0	0	0
0.017288	0	0	0	0	0	0
0.013101	0	0	0	0	0	0
0.028802	0	0	0	0	0	0
0.009894	0	0	0	0	0	0
0.016974	0	0	0	0	0	0
0.008096	0	0	0	0	0	0
0.007148	0	0	0	0	0	0
0.013527	0	0	0	0	0	0
0.010121	0	0	0	0	0	0
0.00762	0	0	0	0	0	0
0.301504	0.25	0	0	0	0	0
0.0127	0	0	0	0	0	0
0.013829	0	0	0	0	0	0
0.01232	0	0	0	0	0	0
0.014278	0	0	0	0	0	0
0.014371	0	0	0	0	0	0
0.008314	0	0	0	0	0	0
0.035814	0	0	0	0	0	0
0.016473	0	0	0	0	0	0
0.003196	0	0	0	0	0	0
0.00138	0	0	0	0	0	0
0.001157	0	0	0	0	0	0

0.000608	0	0	0	0	0	0
0.003905	0	0	0	0	0	0
0.000436	0	0	0	0	0	0
0.000277	0	0	0	0	0	0
0.003681	0.01	0	0	0	0	0
0.480747	0	0	0	0	0	0
0.098098	0	0	0	0	0	0
0.16239	0	0	0	0	0	0
0.246809	0	0	0	0	0	0
0.076296	0	0	0	0	0	0
0.056188	0	0	0	0	0	0
0.034256	0	0	0	0	0	0
0.153212	0	0	0	0	0	0
0.078573	0	0	0	0	0	0
0.051368	0	0	0	0	0	0
0.060115	0	0	0	0	0	0
0.039664	0	0	0	0	0	0
0.000317	0	0	0	0	0	0
0.000414	0	0	0	0	0	0
0.003251	0	0	0	0	0	0
0.000351	0	2	0	0	0	2
0.000718	0	0	0	0	0	0
0.006501	0	0	0	0	0	0
0.004647	0	0	0	0	0	0
0.016326	0	0	0	0	0	0
0.009721	0	0	0	0	0	0
0.010215	0	0	0	0	0	0
0.013172	0	0	0	0	0	0
0.019608	0	0	0	0	0	0
0.014573	0	0	0	0	0	0
0.025345	0	0	0	0	0	0
0.013486	0	0	0	0	0	0
0.011501	0	0	0	0	0	0
0.009949	0	0	0	0	0	0
0.015234	0	0	0	0	0	0
0.023287	0	0	0	0	0	0
0.006854	0	0	0	0	0	0
0.005915	0	0	0	0	0	0
0.009068	0	0	0	0	0	0
0.006391	0	0	0	0	0	0
0.034743	0.01	0	0	0	0	0
0.003491	0	0	0	0	0	0
0.006304	0	0	0	0	0	0
0.006416	0	0	0	0	0	0
0.001656	0	0	0	0	0	0
0.00316	0	0	0	0	0	0
0.006267	0	0	0	0	0	0
0.002973	0	0	0	0	0	0
0.0009	0	0	0	0	0	0
0.020399	0.01	0	0	0	0	0



0.001122	0	0	0	0	0	0
0.001873	0	0	0	0	0	0
0.013178	0	0	0	0	0	0
0.006419	0	0	0	0	0	0
0.002861	0	0	0	0	0	0
0.001043	0	0	0	0	0	0
0.010079	0	0	0	0	8	8
0.010058	0.01	8	0	0	3	11
0.005569	0	3	0	0	8	11
0.009016	0	8	0	0	0	8
0.000236	0	0	0	0	0	0
0.979876	0	0	0	0	0	0
0.998274	0	0	0	0	0	0
0.959516	0	0	0	0	0	0
0.888184	0	0	0	0	0	0
0.841518	0	0	0	0	0	0
0.9855	0	0	0	0	0	0
0.948533	0	0	0	0	0	0
0.951283	0	0	0	0	0	0
0.057468	0	0	0	0	0	0
0.026874	0	0	0	0	0	0
0.018531	0	0	0	0	0	0
0.024838	0	0	0	0	0	0
0.023356	0	0	0	0	0	0
0.040515	0	0	0	0	0	0
0.061623	0	0	0	0	0	0
0.013864	0	0	0	0	0	0
0.014567	0	0	0	0	0	0
0.028542	0	0	0	0	0	0
0.036244	0	0	0	0	0	0
0.004573	0	0	0	0	0	0
0.013333	0	0	0	0	0	0
0.029471	0	0	0	0	0	0
0.018802	0	0	0	0	0	0
0.006683	0	0	0	0	0	0
0.034216	0	0	0	0	0	0
0.011703	0	0	0	0	0	0
0.012153	0	0	0	0	0	0
0.02266	0	0	0	0	0	0
0.056457	0	0	0	0	0	0
0.457907	0	0	0	0	0	0
0.042092	0	0	0	0	0	0
0.001124	0	0	0	0	0	0
0.001226	0	0	0	0	0	0
0.000121	0	0	0	0	0	0
0.014114	0	0	0	0	0	0
0.017371	0	0	0	0	0	0
0.012223	0	0	0	0	0	0
0.006406	0	0	0	0	0	0
0.011546	0	0	0	0	0	0

0.011424	0	0	0	0	0	0
0.014838	0	0	0	0	0	0
0.053488	0	0	0	0	0	0
0.025657	0	0	0	0	0	0
0.037731	0	0	0	0	0	0
0.050536	0	0	0	0	0	0
0.040597	0	0	0	0	0	0
0.032212	0	0	0	0	0	0
0.006953	0	0	0	0	1	1
0.0175	0	1	0	0	0	1
0.019327	0	0	0	0	0	0
0.018786	0	0	0	0	0	0
0.02039	0	0	0	0	0	0
0.050521	0	0	0	0	0	0
0.018451	0	0	0	0	0	0
0.020754	0	0	0	0	0	0
0.026621	0	0	0	0	3	3
0.020851	0	3	0	0	0	3
0.014987	0	0	0	0	0	0
0.015622	0	0	0	0	0	0
0.012708	0	0	0	0	0	0
0.018159	0	0	0	0	0	0
0.019461	0	0	0	0	0	0
0.010625	0	0	0	0	0	0
0.082089	0	0	0	0	0	0
0.029695	0	0	0	0	0	0
0.023587	0	0	0	0	0	0
0.04307	0	0	0	0	0	0
0.023818	0	0	0	0	0	0
0.007563	0	0	0	0	0	0
0.017978	0	0	0	0	0	0
0.012204	0	0	0	0	0	0
0.010053	0	0	0	0	0	0
0.03243	0	0	0	0	0	0
0.030342	0	0	0	0	0	0
0.024813	0	0	0	0	0	0
0.005296	0	0	0	0	0	0
0.017697	0	0	0	0	0	0
0.007044	0	0	0	0	2	2
0.0053	0	2	0	0	0	2
0.062455	0	0	0	0	0	0
0.059535	0	0	0	0	0	0
0.047273	0	0	0	0	0	0
0.013426	0	0	0	0	0	0
0.030444	0	0	0	0	0	0
0.183575	0.04	0	0	0	0	0
0.021172	0	0	0	0	0	0
0.04635	0	0	0	0	0	0
0.017674	0	0	0	0	0	0
0.012583	0	0	0	0	0	0

0.010101	0	0	0	0	0	0
0.06032	0	0	0	0	0	0
0.025591	0	0	0	0	0	0
0.030385	0	0	0	0	0	0
0.076461	0	0	0	0	0	0
0.062847	0	0	0	0	0	0
0.035658	0	0	0	0	0	0
0.039418	0	0	0	0	0	0
0.044348	0	0	0	0	0	0
0.077395	0	0	0	0	0	0
0.033506	0	0	0	0	0	0
0.06105	0	0	0	0	0	0
0.053488	0	0	0	0	0	0
0.034146	0	0	0	0	0	0
0.033361	0	0	0	0	0	0
0.052072	0	0	0	0	0	0
0.032672	0	0	0	0	0	0
0.034094	0	0	0	0	0	0
0.026565	0	0	0	0	0	0
0.028221	0	0	0	0	0	0
0.015539	0	0	0	0	0	0
0.009178	0	0	0	0	0	0
0.005972	0	0	0	0	0	0
0.026944	0	0	0	0	0	0
0.013729	0	0	0	0	0	0
0.017291	0	0	0	0	0	0
0.003279	0	0	0	0	0	0
0.059614	0	0	0	0	0	0
0.47755	0	0	0	4	0	4
0.006131	0	0	0	0	0	0
0.005038	0	0	0	0	0	0
0.051064	0	0	0	0	0	0
0.020552	0	0	0	0	0	0
0.04227	0	0	0	0	0	0
0.026833	0	0	0	0	0	0
0.083527	0	0	0	0	0	0
0.009746	0	0	0	0	0	0
0.01258	0	0	0	0	0	0
0.009636	0	0	0	0	0	0
0.011985	0	0	0	0	0	0
0.015766	0	0	0	0	0	0
0.010859	0	0	0	0	0	0
0.437071	0.3	0	0	0	5	5
0.200993	0	5	0	0	0	5
0.019256	0	0	0	0	0	0
0.357355	0.16	0	0	0	0	0
0.0225	0	0	0	0	0	0
0.013959	0	0	0	0	0	0
0.016932	0	0	0	0	0	0
0.024012	0	0	0	0	0	0

0.011702	0	0	0	0	0	0
0.017908	0	0	0	0	0	0
0.007096	0	0	0	0	0	0
0.016886	0	0	0	0	0	0
0.016073	0	0	0	0	0	0
0.015537	0	0	0	0	0	0
0.024619	0	0	0	0	0	0
0.025554	0	0	0	0	0	0
0.029679	0	0	0	0	0	0
0.022311	0	0	0	0	0	0
0.018878	0	0	0	0	0	0
0.024266	0	0	0	0	0	0
0.030456	0	0	0	0	0	0
0.014298	0	0	0	0	0	0
0.021649	0	0	0	0	0	0
0.00804	0	0	0	0	0	0
0.003037	0	0	0	0	0	0
0.157023	0	0	0	0	0	0
0.16518	0	0	0	0	0	0
0.055468	0	0	0	0	0	0
0.283563	0	0	0	0	0	0
0.026366	0	0	0	0	0	0
0.0225	0	0	0	0	0	0
0.083659	0	0	0	0	0	0
0.017753	0	0	0	0	0	0
0.017902	0	0	0	0	0	0
0.028862	0	0	0	0	0	0
0.023676	0	0	0	0	0	0
0.151334	0.03	0	0	0	0	0
0.152044	0.02	0	0	0	0	0
0.023201	0	0	0	0	0	0
0.025101	0	0	0	0	0	0
0.051305	0	0	3	3	0	6
0.028529	0	0	0	0	5	5
0.14223	0	0	6	10	0	16
0.059897	0	0	0	0	0	0
0.049202	0	0	0	0	0	0
0.027208	0	0	1	0	0	1
0.030358	0	0	0	0	0	0
0.036271	0	0	0	0	0	0
0.038553	0	0	0	0	0	0
0.05362	0	0	0	0	0	0
0.096042	0	0	0	0	0	0
0.044425	0	0	0	0	0	0
0.06225	0	0	0	0	0	0
0.012908	0	0	0	0	0	0
0.007535	0	0	0	0	0	0
0.017129	0	0	0	0	0	0
0.006277	0	0	0	0	0	0
0.00612	0	0	0	0	0	0

0.012611	0	0	0	0	0	0
0.009883	0	0	0	0	0	0
0.009883	0	0	0	0	0	0
0.003996	0	0	0	0	0	0
0.164427	0	0	0	0	0	0
0.002155	0.02	0	0	0	0	0
0.000864	0	0	0	0	0	0
0.006461	0	0	0	0	0	0
0.037573	0	0	0	0	0	0
0.08197	0	0	0	0	0	0
0.234464	0	0	0	0	0	0
0.024636	0	0	0	0	0	0
0.0208	0	0	0	0	0	0
0.04921	0	0	0	0	0	0
0.037816	0	0	0	0	0	0
0.055267	0	0	0	0	0	0
0.016008	0	0	0	0	0	0
0.108706	0	0	0	0	0	0
0.046248	0	0	0	0	0	0
0.034169	0	0	0	0	0	0
0.039933	0	0	0	0	0	0
0.269498	0.02	0	0	0	0	0
0.048388	0	0	0	0	2	2
0.027245	0	2	0	0	0	2
0.028012	0	0	0	0	0	0
0.053602	0	0	0	0	0	0
0.041854	0	0	0	0	0	0
0.062213	0	0	0	0	0	0
0.099591	0	0	0	0	0	0
0.039557	0	0	0	0	0	0
0.037135	0	0	0	0	0	0
0.064746	0	0	0	0	0	0
0.207039	0.14	0	0	0	0	0
0.057596	0	0	0	0	0	0
0.033101	0	0	0	0	0	0
0.042581	0	0	0	0	0	0
0.063501	0	0	0	0	0	0
0.043508	0	0	0	0	0	0
0.023772	0	0	0	0	0	0
0.024529	0	0	0	0	0	0
0.031249	0	0	0	0	0	0
0.019642	0	0	0	0	0	0
0.018939	0	0	0	0	0	0
0.027987	0	0	0	0	0	0
0.030043	0	0	0	0	0	0
0.026764	0	0	0	0	0	0
0.020597	0	0	0	0	0	0
0.090959	0	0	0	0	0	0
0.027218	0	0	0	0	0	0
0.026732	0	0	0	0	0	0

0.017773	0	0	0	0	0	0
0.028223	0	0	0	0	0	0
0.013955	0	0	0	0	0	0
0.015603	0	0	0	0	0	0
0.073477	0	0	0	0	0	0
0.318816	0	0	0	0	0	0
0.067264	0	0	0	0	0	0
0.05023	0	0	0	0	0	0
0.052537	0	0	0	0	0	0
0.039259	0	0	0	0	0	0
0.112939	0	0	0	0	0	0
0.059377	0	0	0	0	0	0
0.130812	0	0	0	0	0	0
0.052647	0	0	0	0	0	0
0.068514	0	0	0	0	0	0
0.013613	0.02	0	0	0	11	11
0.024617	0	0	0	0	0	0
0.006867	0	0	0	0	0	0
0.039883	0.06	11	0	0	0	11
0.076831	0	0	0	0	0	0
0.003435	0	0	0	0	0	0
0.001726	0	0	0	0	0	0
0.001355	0	0	0	0	0	0
0.001475	0	0	0	0	0	0
0.011585	0	0	0	0	0	0
0.01301	0	0	0	0	0	0
0.072286	0	0	0	0	0	0
0.00924	0	0	0	0	0	0
0.03058	0	0	0	0	0	0
0.113488	0.01	0	0	0	0	0
0.023473	0	0	0	0	0	0
0.000497	0	0	0	0	0	0
0.007537	0	0	0	0	0	0
0.023254	0	0	0	0	0	0
0.023104	0	0	0	0	0	0
0.02122	0	0	0	0	0	0
0.018308	0	0	0	0	0	0
0.010728	0	0	0	0	0	0
0.016908	0	0	0	0	0	0
0.015393	0	0	0	0	0	0
0.011947	0	0	0	0	0	0
0.025645	0	0	0	0	0	0
0.010002	0	0	0	0	4	4
0.008382	0	4	0	0	0	4
0.029223	0	0	0	0	0	0
0.00906	0	0	0	0	0	0
0.038344	0	0	0	0	0	0
0.014904	0	0	0	0	0	0
0.027407	0	0	0	0	0	0
0.009048	0	0	0	0	0	0

0.013359	0	0	0	0	0	0
0.004796	0	0	0	0	0	0
0.00963	0	0	0	0	0	0
0.03707	0	0	0	0	0	0
0.012186	0	0	0	0	0	0
0.020831	0	0	0	0	0	0
0.006598	0	0	0	0	0	0
0.017237	0	0	0	0	0	0
0.006139	0	0	0	0	0	0
0.020628	0	0	0	0	0	0
0.003185	0	0	0	0	0	0
0.022533	0	0	0	0	0	0
0.014957	0	0	0	0	0	0
0.020879	0	0	2	0	0	2
0.003008	0	0	0	0	0	0
0.002677	0	0	0	0	0	0
0.002737	0	0	0	0	0	0
0.002437	0	0	0	0	0	0
0.003485	0	0	0	0	0	0
0.002131	0	0	0	0	0	0
0.001644	0	0	0	0	0	0
0.001566	0	0	0	0	0	0
0.007809	0	0	0	0	0	0
0.001064	0	0	0	0	0	0
0.007176	0	0	0	0	0	0
0.000985	0	0	0	0	0	0
0.001223	0	0	0	0	0	0
0.021131	0	0	0	0	0	0
0.002348	0	0	0	0	0	0
0.002868	0	0	0	0	0	0
0.004004	0	0	0	0	0	0
0.210097	0	0	0	3	0	3
0.004789	0	0	0	0	0	0
0.004722	0	0	0	0	0	0
0.005131	0	0	0	0	0	0
0.002219	0	0	0	0	0	0
0.004589	0	0	0	0	0	0
0.004726	0	0	0	0	0	0
0.002482	0	0	0	0	0	0
0.003945	0	0	0	0	0	0
0.013503	0	0	0	0	7	7
0.025993	0	7	0	0	0	7
0.004811	0	0	0	0	0	0
0.001759	0	0	0	0	0	0
0.008226	0	0	0	0	0	0
0.006295	0	0	0	0	0	0
0.004352	0	0	0	0	0	0
0.000886	0	0	0	0	0	0
0.0045	0	0	0	0	0	0
0.002228	0	0	0	0	0	0

0.00459	0	0	0	0	0	0
0.002757	0	0	0	0	0	0
0.002232	0	0	0	0	0	0
0.001988	0	0	0	0	0	0
0.001845	0	0	0	0	0	0
0.001354	0	0	0	0	0	0
0.030203	0	2	0	0	0	2
0.036191	0	0	0	0	0	0
0.03124	0	0	0	0	0	0
0.015829	0	0	0	0	0	0
0.086817	0.01	0	0	0	0	0
0.015749	0	0	0	0	0	0
0.017006	0	0	0	0	0	0
0.015552	0	0	0	0	0	0
0.010312	0	0	0	0	0	0
0.017792	0	0	0	0	0	0
0.01575	0	0	0	0	0	0
0.014429	0	0	0	0	0	0
0.00484	0	0	0	0	0	0
0.009587	0	0	0	0	0	0
0.019365	0	0	0	0	0	0
0.015668	0	0	0	0	0	0
0.057682	0	0	0	0	0	0
0.014932	0	0	0	0	0	0
0.018594	0	0	0	0	0	0
0.06064	0	0	0	0	0	0
0.017615	0	0	0	0	0	0
0.010272	0	0	0	0	0	0
0.021667	0	0	0	0	0	0
0.02235	0	0	0	0	0	0
0.025034	0	0	0	0	0	0
0.002597	0	0	0	0	0	0
0.340574	0	0	0	0	0	0
0.119536	0.03	0	0	0	0	0
0.055332	0	0	0	0	0	0
0.329748	0.02	0	0	0	0	0
0.131163	0	0	0	0	0	0
0.080725	0	0	0	0	0	0
0.059045	0	0	0	0	0	0
0.211974	0	0	0	0	0	0
0.085135	0	0	0	0	0	0
0.175476	0	0	0	0	0	0
0.184404	0	0	0	0	0	0
0.767347	0	0	0	0	0	0
0.131406	0	0	0	0	0	0
0.045976	0	0	0	0	0	0
0.123107	0	0	0	0	0	0
0.605596	0	0	0	0	0	0
0.363814	0	0	0	0	0	0
0.062749	0	0	0	0	0	0



0.158117	0	0	0	0	0	0
0.072659	0	0	0	0	0	0
0.058099	0	0	0	0	0	0
0.039144	0	0	0	0	0	0
0.055473	0	0	0	0	0	0
0.029737	0	0	0	0	0	0
0.022141	0	0	0	0	0	0
0.0201	0	0	0	0	0	0
0.027023	0	0	0	0	0	0
0.057399	0	0	0	0	0	0
0.021017	0	0	0	0	0	0
0.032964	0	0	0	0	0	0
0.056196	0	0	0	0	0	0
0.042125	0	0	0	0	0	0
0.034656	0	0	0	0	0	0
0.047326	0	0	0	0	0	0
0.052267	0	0	0	0	0	0
0.05957	0	0	0	0	0	0
0.045982	0	0	0	0	0	0
0.012475	0	0	0	0	0	0
0.008892	0	0	0	0	0	0
0.020593	0	0	0	0	0	0
0.015874	0	0	8	0	0	8
0.003305	0	0	0	0	0	0
0.00147	0	0	0	0	0	0
0.001131	0	0	0	0	0	0
0.001283	0	0	0	0	0	0
0.022452	0	0	0	0	0	0
0.000949	0	0	0	0	0	0
0.002096	0	0	0	0	0	0
0.066264	0.09	0	0	36	0	36
0.033045	0	0	0	0	0	0
0.028542	0.02	0	0	0	0	0
0.543698	0	0	9	9	0	18
0.009517	0	0	0	0	0	0
0.107469	0	0	0	0	0	0
0.078949	0	0	0	0	3	3
0.008196	0	3	0	0	0	3
0.010434	0	0	0	0	0	0
0.007689	0	0	0	0	8	8
0.421762	0	8	0	0	0	8
0.503566	0	0	0	0	0	0
0.703661	0.09	0	0	0	0	0
0.012634	0	0	0	0	0	0
0.177975	0	0	0	0	0	0
0.010258	0	0	0	0	0	0
0.006954	0	0	0	0	0	0
0.024171	0	0	0	0	0	0
0.019123	0	0	0	0	0	0
0.029498	0	0	0	0	0	0

0.056268	0	0	0	0	0	0
0.227931	0	0	0	5	0	5
0.024308	0	0	0	0	0	0
0.018903	0	0	0	0	0	0
0.017552	0	0	0	0	0	0
0.017318	0	0	0	0	0	0
0.045264	0	0	0	0	0	0
0.063762	0	0	4	0	0	4
0.021114	0	0	0	0	0	0
0.018184	0	0	0	0	0	0
0.0124	0	0	0	0	0	0
0.011533	0	0	0	0	0	0
0.017404	0	0	0	0	0	0
0.013708	0	0	0	0	0	0
0.030159	0	0	0	0	0	0
0.015928	0	0	0	0	0	0
0.045887	0	0	0	0	0	0
0.078695	0	0	0	0	0	0
0.024585	0	0	0	0	0	0
0.037964	0	0	0	0	0	0
0.040308	0	0	0	0	0	0
0.053337	0	0	0	0	0	0
0.058214	0	0	0	0	0	0
0.035459	0	0	0	0	0	0
0.036135	0	0	0	0	0	0
0.031938	0	0	0	0	0	0
0.11433	0	0	0	0	0	0
0.078078	0	0	0	0	0	0
0.295251	0	0	0	0	0	0
0.086456	0	0	0	0	0	0
0.060831	0	0	0	0	0	0
0.086583	0	0	0	0	0	0
0.267158	0	0	0	0	0	0
0.097395	0	0	0	0	0	0
0.057653	0	0	0	0	0	0
0.047515	0	0	0	0	0	0
0.023118	0	0	0	0	0	0
0.070257	0	0	0	0	0	0
0.061715	0	0	0	0	0	0
0.051315	0	0	0	0	0	0
0.038332	0	0	0	0	0	0
0.059675	0	0	0	0	0	0
0.066719	0	0	0	0	0	0
0.38423	0	0	0	0	0	0
0.05959	0	0	0	0	0	0
0.006604	0	0	0	0	0	0
0.0053	0	0	0	0	0	0
0.006005	0	0	0	0	0	0
0.011068	0	0	0	0	0	0
0.009412	0	0	0	0	0	0

0.006597	0	0	0	0	0	0
0.001638	0	0	0	0	0	0
0.169776	0.03	0	0	0	0	0
0.017081	0	0	0	0	0	0
0.024426	0	0	0	0	0	0
0.003492	0	0	0	0	0	0
0.007842	0	0	0	0	0	0
0.026357	0	0	0	0	0	0
0.007839	0	0	0	0	0	0
0.00963	0	2	0	0	0	2
0.005249	0	0	0	0	0	0
0.008025	0	0	0	0	0	0
0.005267	0	0	0	0	0	0
0.009287	0	0	0	0	0	0
0.010263	0	0	0	0	0	0
0.003412	0	0	0	0	0	0
0.034996	0	0	0	0	0	0
0.050051	0	0	0	0	0	0
0.045025	0	0	0	0	0	0
0.039836	0	0	0	0	0	0
0.086173	0	0	0	0	0	0
0.023782	0	0	0	0	0	0
0.022033	0	0	0	0	0	0
0.024239	0	0	0	0	0	0
0.027043	0	0	0	0	0	0
0.003545	0	0	0	0	0	0
0.004567	0	0	0	0	0	0
0.007827	0	0	0	0	0	0
0.005624	0	0	0	0	0	0
0.005492	0	0	0	0	0	0
0.049787	0	0	0	0	0	0
0.062851	0	0	0	0	0	0
0.08667	0	0	0	0	0	0
0.084973	0	0	0	0	0	0
0.02213	0	0	0	0	0	0
0.038357	0	0	0	0	0	0
0.016553	0	0	0	0	0	0
0.029278	0	0	0	0	0	0
0.03787	0	0	0	0	0	0
0.050088	0	0	0	0	0	0
0.069922	0	0	0	0	0	0
0.072189	0	0	0	0	0	0
0.041513	0	0	0	0	0	0
0.053127	0	0	0	0	0	0
0.04963	0	0	0	0	0	0
0.036747	0	0	0	0	0	0
0.057698	0	0	0	0	0	0
0.033317	0	0	0	0	0	0
0.047067	0	0	0	0	0	0
0.056078	0	0	0	0	0	0

0.062351	0	0	0	0	0	0
0.051191	0	0	0	0	0	0
0.085932	0	0	0	0	0	0
0.049558	0	0	0	0	0	0
0.039663	0	0	0	0	0	0
0.017403	0	0	0	0	0	0
0.019352	0	0	0	0	0	0
0.018126	0	0	0	0	0	0
0.013546	0	0	0	0	0	0
0.027258	0	0	0	0	0	0
0.020325	0	0	0	0	0	0
0.030635	0	0	0	0	0	0
0.013728	0	0	0	0	0	0
0.053992	0	0	0	0	0	0
0.177682	0	0	0	0	0	0
0.03232	0	0	0	0	0	0
0.09962	0	0	0	0	0	0
0.065205	0	0	0	0	0	0
0.038018	0	0	0	0	0	0
0.013465	0	0	0	0	0	0
0.02946	0	0	0	0	0	0
0.030776	0	0	0	0	0	0
0.059756	0	0	0	0	0	0
0.020527	0	0	0	0	0	0
0.035363	0	0	0	0	0	0
0.017273	0	0	0	0	0	0
0.027481	0	0	0	0	0	0
0.020532	0	0	0	0	0	0
0.021372	0	0	0	0	0	0
0.023446	0	0	0	0	0	0
0.191897	0	0	0	0	0	0
0.104341	0	0	0	0	0	0
0.114376	0	0	0	0	0	0
0.075045	0	0	0	0	0	0
0.167596	0	0	0	0	0	0
0.139414	0	0	0	0	0	0
0.077933	0	0	0	0	0	0
0.194881	0	0	0	0	0	0
0.049993	0	0	0	0	0	0
0.037511	0	0	0	0	0	0
0.046139	0	0	0	0	0	0
0.032283	0	0	0	0	0	0
0.037506	0	0	0	0	0	0
0.152643	0	0	0	0	0	0
0.074584	0	0	0	0	0	0
0.074464	0	0	0	0	0	0
0.03872	0	0	0	0	0	0
0.03776	0	0	0	0	0	0
0.067637	0	0	0	0	0	0
0.029748	0	0	0	0	0	0

0.030412	0	0	0	0	0	0
0.12081	0	0	0	0	0	0
0.047178	0	0	0	0	0	0
0.050593	0	0	0	0	0	0
0.051422	0	0	0	0	0	0
0.115423	0	0	0	0	0	0
0.039248	0	0	0	0	0	0
0.112995	0	0	0	0	0	0
0.008264	0	0	0	0	0	0
0.002883	0	0	0	0	0	0
0.001702	0	0	0	0	0	0
0.002094	0	0	0	0	0	0
0.013282	0	0	0	0	0	0
0.007549	0	0	0	0	0	0
0.007746	0	0	0	0	0	0
0.002693	0	0	0	0	0	0
0.007302	0	0	0	0	0	0
0.014336	0	0	0	0	0	0
0.014109	0	0	0	0	0	0
0.218799	0.13	0	0	0	3	3
0.004611	0	3	0	0	0	3
0.010471	0	0	0	0	0	0
0.01424	0	0	0	0	0	0
0.033921	0	0	0	0	0	0
0.023533	0	0	0	0	0	0
0.264739	0	0	0	0	0	0
0.149398	0	0	0	0	0	0
0.186965	0	0	0	0	0	0
0.271285	0	0	0	0	0	0
0.327006	0	0	0	0	0	0
0.173847	0	0	0	0	0	0
0.172895	0	0	0	0	0	0
0.029493	0	0	0	0	0	0
0.034828	0	0	0	0	0	0
0.04066	0	0	0	0	0	0
0.010959	0	0	0	0	0	0
0.009385	0	0	0	0	0	0
0.010777	0	0	0	0	0	0
0.009914	0	0	0	0	0	0
0.027734	0	0	0	0	0	0
0.01256	0	0	0	0	0	0
0.05385	0	0	0	0	0	0
0.041021	0	0	0	0	0	0
0.070384	0	0	0	0	0	0
0.058706	0	0	0	0	0	0
0.114518	0	0	0	0	0	0
0.029991	0	0	0	0	0	0
0.002698	0	0	0	0	0	0
0.000515	0	0	0	0	0	0
0.000547	0	0	0	0	0	0

0.00042	0	0	0	0	0	0
0.00057	0	0	0	0	0	0
0.000704	0	0	0	0	0	0
0.001148	0	0	0	10	3	13
0.00782	0	0	0	0	0	0
0.007286	0	0	0	0	0	0
0.010294	0	0	0	0	0	0
0.013649	0	0	0	0	0	0
0.028494	0	0	0	0	0	0
0.092283	0	0	0	0	0	0
0.138418	0	0	0	0	0	0
0.044804	0	0	0	0	0	0
0.088077	0	0	0	0	0	0
0.161269	0	0	0	0	0	0
0.094542	0	0	0	0	0	0
0.987764	0	0	0	0	0	0
0.064549	0	0	0	0	0	0
0.060276	0	0	0	0	0	0
0.144902	0	0	0	0	0	0
0.120578	0	0	0	0	0	0
0.066748	0	0	0	0	0	0
0.032179	0	0	0	0	0	0
0.087059	0	0	0	0	0	0
0.053144	0	0	0	0	0	0
0.010743	0	0	0	0	0	0
0.064052	0	0	0	0	0	0
0.036885	0	0	0	0	0	0
0.052156	0	0	0	0	0	0
0.012394	0	0	0	0	0	0
0.008129	0	0	0	0	0	0
0.038723	0	0	0	0	0	0
0.007472	0	0	0	0	0	0
0.00863	0	0	0	0	0	0
0.004452	0	0	0	0	0	0
0.0101	0	0	0	0	0	0
0.016457	0	0	0	0	0	0
0.008889	0	0	0	0	0	0
0.007439	0	0	0	0	0	0
0.019327	0	0	0	0	0	0
0.007382	0	0	0	0	0	0
0.005043	0	0	0	0	0	0
0.004832	0	0	0	0	0	0
0.013295	0	0	0	0	0	0
0.055232	0	0	0	0	0	0
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0.149166	0	0	0	0	0	0
0.063932	0	0	0	0	0	0
0.088697	0	0	0	0	0	0
0.025061	0	0	0	0	0	0
0.01104	0	0	0	0	0	0

0.023034	0	0	0	0	0	0
0.029223	0	0	0	0	0	0
0.075581	0	0	0	0	0	0
0.087664	0	0	0	0	0	0
0.043181	0	0	0	0	0	0
0.046073	0	0	0	0	0	0
0.016325	0	0	0	0	0	0
0.001243	0	0	0	0	0	0
0.000593	0	0	0	0	0	0
0.000395	0	0	0	0	0	0
0.000453	0	0	0	0	0	0
0.000935	0	0	0	0	0	0
0.000654	0	0	0	0	0	0
0.000503	0	0	0	0	0	0
0.00058	0	0	0	0	0	0
0.003972	0	0	0	0	0	0
0.008368	0	0	0	0	0	0
0.004553	0	0	0	0	0	0
0.003608	0	0	0	0	0	0
0.004546	0	0	0	0	0	0
0.013771	0	0	0	0	0	0
0.021062	0.06	0	0	0	0	0
0.004963	0	0	0	0	0	0
0.006414	0	0	0	0	0	0
0.102842	0.02	0	0	0	0	0
0.057295	0	0	0	0	0	0
0.150838	0.25	0	0	0	0	0
0.011389	0.01	0	0	0	0	0
0.007689	0	0	0	0	0	0
0.011226	0	0	0	0	0	0
0.006658	0	0	0	0	0	0
0.00787	0	0	0	0	0	0
0.057928	0	0	0	0	0	0
0.064223	0	0	0	0	0	0
0.088539	0	0	0	0	0	0
0.050255	0	0	0	0	0	0
0.043492	0	0	0	0	0	0
0.0469	0	0	0	0	0	0
0.050365	0	0	0	0	0	0
0.025065	0	0	0	0	0	0
0.066597	0	0	0	0	0	0
0.045126	0	0	0	0	0	0
0.944747	0.49	0	0	0	0	0
0.04113	0	0	1	0	0	1
0.047945	0	0	0	0	0	0
0.074793	0	0	0	0	0	0
0.202532	0	0	0	0	0	0
0.059661	0	0	0	0	0	0
0.048265	0	0	0	0	0	0
0.052304	0	0	0	0	0	0

0.059684	0	0	0	0	0	0
0.060411	0	0	0	0	0	0
0.045267	0	0	0	0	0	0
0.043262	0	0	0	0	0	0
0.069682	0	0	0	0	0	0
0.033377	0	0	0	0	0	0
0.066921	0	0	0	0	0	0
0.028496	0	0	0	0	0	0
0.05788	0	0	0	0	0	0
0.043387	0	0	0	0	0	0
0.086867	0	0	0	0	0	0
0.092367	0	0	0	0	0	0
0.023655	0	0	0	0	0	0
0.020753	0	0	0	0	0	0
0.021114	0	0	0	0	0	0
0.062236	0	0	0	0	0	0
0.056398	0	0	0	0	0	0
0.235438	0	0	0	0	0	0
0.081881	0	0	0	0	0	0
0.059655	0	0	0	0	0	0
0.056581	0	0	0	0	0	0
0.509622	0	0	0	0	0	0
0.067993	0	0	0	0	0	0
0.277544	0	0	0	0	0	0
0.062726	0	0	0	0	0	0
0.044562	0	0	0	0	0	0
0.0834	0	0	0	0	0	0
0.083454	0	0	0	0	0	0
0.050447	0	0	0	0	0	0
0.03983	0	0	0	0	0	0
0.034346	0	0	0	0	0	0
0.029084	0	0	0	0	0	0
0.043269	0	0	0	0	0	0
0.050989	0	0	0	0	0	0
0.085278	0	0	0	0	0	0
0.167725	0	0	0	0	0	0
0.395757	0	0	0	0	0	0
0.050295	0	0	0	0	0	0
0.048888	0	0	0	0	0	0
0.066613	0	0	0	0	0	0
0.049112	0	0	0	0	0	0
0.037082	0	0	0	0	0	0
0.049766	0	0	0	0	0	0
0.03154	0	0	0	0	0	0
0.16383	0.02	0	0	0	0	0
0.178766	0	0	0	0	0	0
0.059934	0	0	0	0	0	0
0.005669	0	0	0	0	9	9
0.146282	0	9	0	0	0	9
0.09164	0	0	0	0	5	5



0.058436	0	5	0	0	0	5
0.016426	0	0	0	0	0	0
0.010951	0	0	0	0	0	0
0.001915	0	0	0	0	0	0
0.003479	0	0	0	0	0	0
0.002776	0	0	0	0	0	0
0.010548	0	0	0	0	0	0
0.00603	0	0	0	0	0	0
0.020116	0	0	0	0	0	0
0.025623	0	0	0	0	0	0
0.079619	0	0	0	0	0	0
0.036622	0	0	0	0	0	0
0.043824	0	0	0	0	0	0
0.082181	0	0	0	0	0	0
0.077126	0	0	0	0	0	0
0.103525	0	0	0	0	0	0
0.082468	0	0	0	0	0	0
0.229682	0	0	0	0	0	0
0.27747	0	0	0	0	0	0
0.104561	0	0	0	0	0	0
0.001771	0	0	0	0	0	0
0.000253	0	0	0	0	0	0
0.116315	0	0	0	0	0	0
0.103939	0	0	0	0	0	0
0.041549	0	0	0	0	0	0
0.045402	0	0	0	0	0	0
0.010471	0	0	0	0	0	0
0.034394	0	0	0	0	0	0
0.021493	0	0	0	0	0	0
0.01664	0	0	0	0	0	0
0.032295	0	0	0	0	0	0
0.019646	0	0	0	0	0	0
0.035731	0	0	0	0	0	0
0.057039	0	0	0	0	0	0
0.202801	0	0	0	0	0	0
0.016584	0	0	0	0	0	0
0.09087	0	0	0	0	0	0
0.033114	0	0	0	0	0	0
0.02387	0	0	0	0	0	0
0.02786	0	0	0	0	0	0
0.025465	0	0	0	0	0	0
0.038719	0	0	0	0	0	0
0.033416	0	0	0	0	0	0
0.022615	0	0	0	0	0	0
0.202013	0	0	0	0	0	0
0.09418	0	0	0	0	0	0
0.057095	0	0	0	0	0	0
0.049743	0	0	0	0	0	0
0.11207	0	0	0	0	0	0
0.0691	0	0	0	0	0	0

0.326812	0	0	0	0	0	0
0.378872	0.02	0	0	0	0	0
0.277835	0	0	0	0	0	0
0.008914	0	0	0	0	0	0
0.003519	0	0	0	0	0	0
0.004303	0	0	0	0	0	0
0.056911	0	0	0	0	0	0
0.032269	0	0	0	0	0	0
0.013606	0	0	0	0	0	0
0.010866	0	0	0	0	0	0
0.004296	0	0	0	0	3	3
0.026132	0	3	0	0	0	3
0.030009	0	0	0	0	0	0
0.006573	0	0	0	0	0	0
0.007053	0	0	0	0	0	0
0.010698	0	0	0	0	0	0
0.01473	0	0	0	0	0	0
0.024666	0	0	0	0	0	0
0.003871	0	0	0	0	0	0
0.02109	0	0	0	0	0	0
0.109627	0	0	0	0	0	0
0.066298	0	0	0	0	0	0
0.070305	0	0	0	0	0	0
0.075352	0	0	0	0	0	0
0.054689	0	0	0	0	0	0
0.051329	0	0	0	0	0	0
0.060563	0	0	0	0	0	0
0.092782	0	0	0	0	0	0
0.108397	0	0	0	0	0	0
0.057507	0	0	0	0	0	0
0.167457	0	0	0	0	0	0
0.054089	0	0	0	0	0	0
0.087206	0	0	0	0	0	0
0.061829	0	0	0	0	0	0
0.050946	0	0	0	0	0	0
0.048199	0	0	0	0	0	0
0.033457	0	0	0	0	0	0
0.029533	0	0	0	0	0	0
0.057717	0	0	0	0	0	0
0.04091	0	0	0	0	0	0
0.048126	0	0	0	0	0	0
0.029502	0	12	47	0	0	59
0.013483	0	0	0	0	0	0
0.012241	0	0	0	0	0	0
0.00523	0	0	0	5	0	5
0.005261	0	0	0	0	0	0
0.005024	0	0	10	0	0	10
0.002334	0	0	1	0	0	1
0.01109	0	0	0	0	0	0
0.007261	0	0	0	0	0	0

0.049138	0	0	0	0	0	0
0.047029	0	0	0	0	0	0
0.031423	0	0	0	0	0	0
0.028469	0	0	0	0	0	0
0.027135	0	0	0	0	0	0
0.0279	0	0	0	0	0	0
0.021913	0	0	0	0	0	0
0.025589	0	0	0	0	0	0
0.016176	0	0	0	0	0	0
0.017598	0	0	0	0	0	0
0.098091	0	0	0	0	0	0
0.02283	0	0	0	0	0	0
0.057222	0	0	0	0	0	0
0.386482	0	0	0	0	0	0
0.034859	0	0	0	0	0	0
0.256864	0.05	0	0	0	0	0
0.011881	0	0	0	0	0	0
0.0243	0	0	0	0	0	0
0.04489	0	0	0	0	0	0
0.014039	0	0	0	0	0	0
0.005779	0	0	0	0	0	0
0.005493	0	0	0	0	0	0
0.041617	0	0	0	0	0	0
0.024516	0	0	0	0	0	0
0.047277	0	0	0	0	0	0
0.132291	0	0	0	0	0	0
0.027006	0	0	0	0	0	0
0.043051	0	0	0	0	0	0
0.013207	0	0	0	0	0	0
0.023814	0	0	0	0	0	0
0.019118	0	0	0	0	0	0
0.022835	0	0	0	0	0	0
0.016706	0	0	0	0	0	0
0.031237	0	0	0	0	0	0
0.02798	0	0	0	0	0	0
0.086337	0	0	0	0	0	0
0.249785	0	0	0	0	0	0
0.287464	0	0	0	0	0	0
0.31748	0	0	0	0	0	0
0.332701	0	0	0	0	0	0
0.035864	0	0	0	0	0	0
0.133192	0	0	0	0	0	0
0.464649	0	0	0	0	0	0
0.170555	0	0	0	0	0	0
0.05447	0	0	0	0	0	0
0.033844	0	0	0	0	0	0
0.049323	0	0	0	0	0	0
0.044158	0	0	0	0	0	0
0.061561	0	0	0	0	0	0
0.021903	0	0	0	0	0	0

0.030414	0	0	0	0	0	0
0.008824	0	0	0	0	0	0
0.032252	0	0	0	0	0	0
0.029934	0	0	0	0	0	0
0.014017	0	0	0	0	0	0
0.006561	0	0	0	0	0	0
0.012613	0	0	0	0	0	0
0.037466	0	0	0	0	0	0
0.010766	0	0	0	0	0	0
0.006644	0	0	0	0	0	0
0.017367	0	0	0	0	0	0
0.123593	0	0	0	0	0	0
0.057253	0	0	0	0	0	0
0.033121	0	0	0	0	0	0
0.036173	0	0	0	0	0	0
0.081097	0	0	0	0	0	0
0.042429	0	0	0	0	0	0
0.047185	0	0	0	0	0	0
0.053813	0	0	0	0	0	0
0.090204	0	0	0	0	0	0
0.221129	0.05	0	0	0	0	0
0.014672	0	0	0	0	0	0
0.007331	0	0	0	0	0	0
0.004758	0	0	0	0	0	0
0.004648	0	0	0	0	0	0
0.006202	0	0	0	0	0	0
0.321302	0.13	0	0	0	0	0
0.02347	0.02	0	0	0	3	3
0.014876	0	3	0	0	0	3
0.009693	0	0	0	0	0	0
0.011438	0	0	0	0	0	0
0.045008	0	0	0	0	0	0
0.008229	0	0	0	0	0	0
0.068416	0	0	0	0	0	0
0.119377	0	0	0	0	0	0
0.016297	0	0	0	0	0	0
0.010793	0	0	0	0	0	0
0.056923	0	0	0	0	0	0
0.008162	0	0	0	0	0	0
0.007014	0	0	0	0	0	0
0.012394	0	0	0	0	0	0
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0.006817	0	0	0	0	0	0
0.00536	0	0	0	0	0	0
0.007228	0	0	0	0	0	0
0.0206	0.01	0	0	0	0	0
0.015536	0	0	0	0	0	0
0.021306	0	0	0	0	0	0
0.004082	0	0	0	0	0	0
0.019045	0	0	0	0	0	0

0.009226	0	0	0	0	0	0
0.007309	0	0	0	0	0	0
0.008391	0	0	0	0	0	0
0.00679	0	0	0	0	0	0
0.00616	0	0	0	0	0	0
0.008548	0	0	0	0	0	0
0.007003	0	0	0	0	0	0
0.008045	0	0	0	0	0	0
0.049934	0	0	0	0	0	0
0.040664	0	0	0	0	0	0
0.043941	0	0	0	0	0	0
0.051223	0	0	0	0	0	0
0.020908	0	0	0	0	0	0
0.065972	0	0	0	0	0	0
0.052946	0	0	0	0	0	0
0.039231	0	0	0	0	0	0
0.026155	0	0	0	0	0	0
0.016456	0	0	0	0	0	0
0.011289	0	0	0	0	0	0
0.041676	0	0	0	0	0	0
0.039923	0	0	0	0	0	0
0.09344	0	0	0	0	0	0
0.056366	0	0	0	0	0	0
0.067376	0	0	0	0	0	0
0.161368	0	0	0	0	0	0
0.045493	0	0	0	0	0	0
0.005126	0	0	0	0	0	0
0.208465	0	0	0	0	0	0
0.070241	0	0	0	0	0	0
0.06132	0	0	0	0	0	0
0.050606	0	0	0	0	0	0
0.075179	0	0	0	0	0	0
0.052773	0	0	0	0	0	0
0.196487	0	0	0	0	0	0
0.417302	0.06	0	0	0	0	0
0.077543	0	0	0	0	0	0
0.005546	0	0	0	0	0	0
0.007994	0	0	0	0	0	0
0.001298	0	0	0	0	0	0
0.002191	0	0	0	0	0	0
0.700894	0.01	0	0	0	0	0
0.300818	0	0	0	0	0	0
0.342019	0.05	0	0	0	0	0
0.026167	0	0	0	0	0	0
0.008476	0	0	0	0	0	0
0.008228	0	0	0	0	0	0
0.004045	0	0	0	0	0	0
0.015454	0	0	0	0	0	0
0.040153	0	0	0	0	0	0
0.029931	0	0	0	0	0	0

0.010734	0	0	0	0	0	0
0.013757	0	0	0	0	0	0
0.032711	0	0	0	0	0	0
0.010125	0	0	0	0	0	0
0.008912	0	0	0	0	0	0
0.221517	0	0	0	0	0	0
0.185836	0	0	0	0	0	0
0.31248	0	0	0	0	0	0
0.037574	0	0	0	0	0	0
0.048532	0	0	0	0	0	0
0.040119	0	0	0	0	0	0
0.046814	0	0	0	0	0	0
0.018532	0	0	0	0	0	0
0.026731	0	0	0	0	0	0
0.095023	0	0	0	0	0	0
0.048561	0	0	0	0	0	0
0.055471	0	0	0	0	0	0
0.144157	0	0	0	0	0	0
0.050291	0	0	0	0	0	0
0.041363	0	0	0	0	0	0
0.028653	0	0	0	0	0	0
0.018778	0	0	0	0	0	0
0.014654	0	0	0	0	0	0
0.039984	0	0	0	0	0	0
0.134744	0	0	0	0	0	0
0.065222	0	0	5	0	0	5
0.045329	0	0	0	0	0	0
0.035037	0	0	0	0	0	0
0.044329	0	0	0	0	0	0
0.052832	0	0	0	0	0	0
0.054182	0	0	0	0	0	0
0.039035	0	0	0	0	0	0
0.018424	0	0	0	0	0	0
0.02909	0	0	0	0	0	0
0.012465	0	0	0	0	0	0
0.010046	0	0	0	0	0	0
0.005934	0	0	0	0	0	0
0.004951	0	0	0	0	0	0
0.005158	0	0	0	0	0	0
0.005596	0	0	0	0	0	0
0.012079	0	0	0	0	0	0
0.018733	0	0	0	0	0	0
0.035719	0	0	0	0	0	0
0.039992	0	0	0	0	0	0
0.020845	0	0	0	0	0	0
0.007688	0	0	0	0	0	0
0.006992	0	0	0	0	0	0
0.01452	0	0	0	0	0	0
0.014668	0	0	0	0	0	0
0.074935	0	0	0	0	0	0

0.05354	0	0	0	0	0	0
0.096578	0	0	0	0	0	0
0.096857	0	0	0	0	0	0
0.106179	0	0	0	0	0	0
0.063225	0	0	0	0	0	0
0.125137	0	0	0	0	0	0
0.029637	0	0	0	0	0	0
0.015374	0	0	0	0	0	0
0.043369	0	0	0	0	0	0
0.050805	0	0	0	0	0	0
0.013737	0	0	0	0	0	0
0.0483	0	0	0	0	0	0
0.060843	0	0	0	0	0	0
0.063573	0	0	0	0	0	0
0.038651	0	0	0	0	0	0
0.055065	0	0	0	0	0	0
0.055874	0	0	0	0	0	0
0.05602	0	0	0	0	0	0
0.005245	0	0	0	0	0	0
0.013082	0	0	0	0	0	0
0.009152	0	0	0	0	0	0
0.006474	0	0	0	0	0	0
0.006172	0	0	0	0	0	0
0.006657	0	0	0	0	0	0
0.009404	0	0	0	0	0	0
0.002857	0	0	0	0	0	0
0.003473	0	0	0	0	0	0
0.027162	0	0	0	0	0	0
0.013161	0	0	0	0	0	0
0.010392	0	0	0	0	0	0
0.063685	0.18	0	0	0	0	0
0.001603	0	0	0	0	0	0
0.009894	0	0	0	0	0	0
0.012468	0	0	0	0	0	0
0.010953	0	0	0	0	0	0
0.063695	0	0	0	0	0	0
0.088093	0	0	0	0	0	0
0.188898	0	0	0	0	0	0
0.220421	0	0	0	0	0	0
0.006612	0	0	0	0	0	0
0.021775	0	0	0	0	0	0
0.009955	0	0	0	0	0	0
0.012379	0	0	0	0	0	0
0.023576	0	0	0	0	0	0
0.01052	0	0	0	0	0	0
0.015234	0	0	0	0	0	0
0.04228	0	0	0	0	0	0
0.283917	0	0	0	0	0	0
0.250454	0	0	0	0	0	0
0.040058	0	0	0	0	0	0

0.052291	0	0	0	0	0	0
0.098348	0	0	0	0	0	0
0.922139	0	0	10	10	0	20
0.034529	0	0	0	0	0	0
0.036602	0	0	0	0	0	0
0.09206	0	0	0	0	0	0
0.08346	0	0	0	0	0	0
0.017649	0	0	0	0	0	0
0.12709	0	0	0	0	0	0
0.291003	0.06	0	0	0	0	0
0.011217	0	0	0	0	0	0
0.071106	0	0	0	0	0	0
0.008392	0	0	0	0	0	0
0.027482	0.12	0	0	0	0	0
0.203045	0	0	0	0	0	0
0.248634	0.03	0	0	0	0	0
0.012206	0	0	0	0	0	0
0.012103	0	0	0	0	0	0
0.028853	0	0	0	0	0	0
0.022163	0	0	0	0	0	0
0.01229	0	0	0	0	0	0
0.010489	0	0	0	0	0	0
0.014063	0	0	0	0	0	0
0.008531	0	0	0	0	0	0
0.007496	0	0	0	0	0	0
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0.015779	0	0	0	0	0	0
0.009693	0	0	0	0	0	0
0.006908	0	0	0	0	0	0
0.005451	0	0	0	0	0	0
0.017454	0	0	0	0	0	0
0.007374	0	0	0	0	0	0
0.078788	0	0	0	1	0	1
0.021291	0	0	0	0	0	0
0.008088	0	0	0	0	0	0
0.011811	0	0	0	0	0	0
0.1319	0	0	0	0	0	0
0.20527	0	0	0	0	0	0
0.048169	0	0	0	0	0	0
0.048152	0	0	0	0	0	0
0.026984	0	0	0	0	0	0
0.023748	0	0	0	0	0	0
0.008014	0	0	0	0	0	0
0.036903	0	0	0	0	0	0
0.007865	0	0	0	0	0	0
0.087683	0	0	0	0	0	0
0.024446	0	0	0	0	0	0
0.023305	0	0	0	0	0	0



0.003628	0	0	0	0	0	0
0.012611	0	0	0	0	0	0
0.020568	0	0	0	0	0	0
0.2665	0.08	0	0	0	0	0
0.014021	0	0	0	0	0	0
0.021358	0	0	0	0	0	0
0.017668	0	0	0	0	0	0
0.031745	0	0	0	0	0	0
0.04288	0	0	0	0	0	0
0.238343	0	0	0	0	0	0
0.061784	0	0	0	0	0	0
0.014147	0	0	0	0	0	0
0.017095	0	0	0	0	0	0
0.0157	0	0	0	0	0	0
0.023347	0	0	0	0	0	0
0.014519	0	0	0	0	0	0
0.010794	0	0	0	0	0	0
0.010247	0	0	0	0	0	0
0.055457	0	0	0	0	0	0
0.017599	0	0	0	0	0	0
0.012793	0	0	0	0	0	0
0.014645	0	0	0	0	0	0
0.016723	0	0	0	0	0	0
0.010849	0	0	0	0	0	0
0.086681	0	0	0	0	0	0
0.007165	0	0	0	0	0	0
0.015072	0	0	0	0	0	0
0.011647	0	0	0	0	0	0
0.05172	0	0	0	0	0	0
0.009057	0	0	0	0	0	0
0.039803	0	0	0	0	0	0
0.024302	0	0	0	0	0	0
0.018494	0	0	0	0	0	0
0.01337	0	0	0	0	0	0
0.02352	0	0	0	0	0	0
0.017236	0	0	0	0	0	0
0.016941	0	0	0	0	0	0
0.000902	0	0	0	0	0	0
0.004583	0	0	0	0	0	0
0.003024	0	0	0	0	0	0
0.000545	0	0	0	0	0	0
0.056548	0	0	0	0	0	0
0.003634	0	0	0	0	0	0
0.001478	0	0	0	0	0	0
0.001059	0	0	0	0	0	0
0.00106	0	0	0	0	0	0
0.003305	0	0	0	0	0	0
0.045435	0	0	0	0	0	0
0.009902	0	0	0	0	0	0
0.051237	0	0	0	0	0	0

0.026927	0	0	0	0	0	0
0.049493	0	0	0	0	0	0
0.004494	0	0	0	0	0	0
0.030484	0	0	0	0	0	0
0.040638	0	0	0	0	0	0
0.000432	0	0	0	0	0	0
0.033997	0	0	0	0	0	0
0.013887	0	0	0	0	0	0
0.011208	0	0	0	0	0	0
0.026757	0	0	0	0	0	0
0.039952	0	0	0	0	0	0
0.120585	0	0	0	0	0	0
0.134139	0	0	0	0	0	0
0.105052	0	0	0	0	0	0
0.042284	0	0	0	0	0	0
0.246391	0	0	0	0	0	0
0.111053	0	0	0	0	0	0
0.074607	0	0	0	0	0	0
0.021583	0	0	0	0	0	0
0.12618	0	0	0	0	0	0
0.048094	0	0	0	0	0	0
0.041803	0	0	0	0	0	0
0.049732	0	0	0	0	0	0
0.033725	0	0	0	0	0	0
0.062851	0	0	0	0	0	0
0.179081	0	0	0	0	0	0
0.03016	0	0	0	0	0	0
0.008553	0	0	0	0	0	0
0.004466	0	0	0	0	0	0
0.003577	0	0	0	0	0	0
0.003709	0	0	0	0	0	0
0.016295	0	0	0	0	0	0
0.036495	0	0	0	0	0	0
0.011809	0	0	0	0	0	0
0.008107	0	0	0	0	0	0
0.006555	0	0	0	0	0	0
0.014699	0	0	0	0	0	0
0.05936	0	0	0	0	0	0
0.035572	0	0	0	0	0	0
0.020601	0	0	0	0	0	0
0.017237	0	0	0	0	0	0
0.102659	0	0	0	0	0	0
0.032958	0	0	0	0	0	0
0.036043	0	0	0	0	0	0
0.103334	0	0	0	0	0	0
0.02594	0	0	0	0	0	0
0.020537	0	0	0	0	0	0
0.025803	0	0	0	0	0	0
0.024899	0	0	0	0	0	0
0.019333	0	0	0	0	0	0

0.050543	0	0	0	0	0	0
0.026617	0	0	0	0	0	0
0.046439	0	0	0	0	0	0
0.026766	0	0	0	0	0	0
0.03674	0	0	0	0	0	0
0.023165	0	0	0	0	0	0
0.022686	0	0	0	0	0	0
0.012641	0	0	0	0	0	0
0.01559	0	0	0	0	0	0
0.043646	0	0	0	0	0	0
0.050124	0	0	0	0	0	0
0.042451	0	0	0	0	0	0
0.057922	0	0	0	0	0	0
0.063535	0	0	0	0	0	0
0.046686	0	0	0	0	0	0
0.041821	0	0	0	0	0	0
0.047383	0	0	0	0	0	0
0.016552	0	0	0	0	0	0
0.041073	0	0	0	0	0	0
0.039546	0	0	0	0	0	0
0.014016	0	0	0	0	0	0
0.0957	0.04	0	6	3	1	10
0.044509	0	1	0	0	0	1
0.03137	0	0	0	0	0	0
0.010738	0	0	0	0	0	0
0.043202	0	0	0	0	0	0
0.102272	0	0	0	0	0	0
0.021906	0	0	0	0	0	0
0.025102	0	0	0	0	0	0
0.002857	0	0	0	0	0	0
0.009922	0	0	0	0	0	0
0.040923	0	0	0	0	0	0
0.0448	0.01	0	0	0	0	0
0.0218	0	0	0	0	0	0
0.035475	0	0	0	0	0	0
0.017048	0	0	0	0	0	0
0.011865	0	0	0	0	9	9
0.019112	0	9	0	0	0	9
0.018923	0	0	0	0	0	0
0.012835	0	0	0	0	0	0
0.505097	0.14	0	0	0	0	0
0.079851	0	0	0	0	0	0
0.058323	0	0	0	0	0	0
0.093679	0	0	0	0	0	0
0.090283	0	0	0	0	0	0
0.106172	0	0	0	0	0	0
0.165718	0	0	0	0	0	0
0.05058	0	0	0	0	0	0
0.082209	0	0	0	0	0	0
0.055369	0	0	0	0	0	0

0.050647	0	0	0	0	0	0
0.106895	0	0	0	0	0	0
0.214317	0	0	0	0	0	0
0.025754	0	0	0	0	0	0
0.034264	0	0	0	0	0	0
0.138134	0	0	0	0	0	0
0.067642	0	0	0	0	0	0
0.070434	0	0	0	0	0	0
0.293001	0.07	0	0	0	0	0
0.060731	0	0	0	0	0	0
0.085016	0	0	0	0	0	0
0.085102	0	0	0	0	0	0
0.062404	0	0	0	0	0	0
0.014298	0	0	0	0	0	0
0.010733	0	0	0	0	0	0
0.05384	0	0	0	4	0	4
0.023914	0	0	0	0	1	1
0.01157	0	1	0	0	0	1
0.019281	0	0	0	0	0	0
0.005811	0	0	0	0	0	0
0.024133	0	0	0	0	0	0
0.013047	0	0	0	0	0	0
0.011385	0	0	0	0	0	0
0.008051	0	0	0	0	0	0
0.009852	0	0	0	0	0	0
0.010195	0	0	0	0	0	0
0.002464	0	0	0	0	0	0
0.299575	0.03	0	0	0	0	0
0.009573	0	0	0	0	0	0
0.011852	0	0	0	0	0	0
0.016763	0	0	0	0	0	0
0.010689	0	0	0	0	0	0
0.009393	0	0	0	0	0	0
0.01437	0	0	0	0	0	0
0.021075	0	0	0	0	0	0
0.018061	0	0	0	0	0	0
0.050331	0	0	0	0	0	0
0.169909	0	0	0	0	0	0
0.035504	0	0	0	0	0	0
0.066045	0	0	0	0	0	0
0.074395	0	0	0	0	0	0
0.068403	0	0	0	0	0	0
0.415853	0	0	0	0	0	0
0.082369	0	0	0	0	0	0
0.052939	0	0	0	0	0	0
0.042883	0	0	0	0	0	0
0.103966	0	0	0	0	0	0
0.145412	0	0	0	0	0	0
0.048207	0	0	0	0	0	0
0.468005	0	0	0	0	0	0

0.208845	0	0	0	0	0	0
0.167925	0	0	0	0	0	0
0.08588	0	0	0	0	0	0
0.135512	0	0	0	0	0	0
0.056323	0	0	0	0	0	0
0.023717	0	0	0	0	0	0
0.010819	0	0	0	0	0	0
0.026353	0	0	0	0	0	0
0.019842	0	0	0	0	0	0
0.061458	0	0	0	0	0	0
0.015116	0	0	0	0	0	0
0.039769	0	0	0	0	0	0
0.011521	0	0	0	0	0	0
0.028412	0	0	0	0	0	0
0.017178	0	0	0	0	0	0
0.017284	0	0	0	0	0	0
0.011569	0	0	0	0	0	0
0.047389	0	0	0	0	0	0
0.27692	0.11	0	0	0	0	0
0.008854	0	0	0	0	0	0
0.00532	0	0	0	0	0	0
0.004172	0	0	0	0	0	0
0.007655	0	0	0	0	0	0
0.031914	0	0	0	0	0	0
0.021459	0	0	0	0	0	0
0.058903	0	0	0	0	0	0
0.428233	0	0	0	0	0	0
0.452246	0	0	0	0	0	0
0.068652	0	0	0	0	0	0
0.042234	0	0	0	0	0	0
0.058395	0	0	0	0	0	0
0.335737	0.02	0	0	0	0	0
0.107672	0.07	0	0	0	0	0
0.049382	0	0	0	0	0	0
0.041243	0	0	0	0	0	0
0.032866	0	0	0	0	0	0
0.034795	0	0	0	0	0	0
0.077103	0	0	0	0	0	0
0.05657	0	0	0	0	0	0
0.052762	0	0	0	0	0	0
0.043359	0	0	0	0	0	0
0.054706	0	0	0	0	0	0
0.093516	0	0	0	0	0	0
0.023777	0	0	0	0	0	0
0.026058	0	0	0	0	0	0
0.011646	0	0	0	0	0	0
0.009436	0	0	0	0	0	0
0.024589	0	0	0	0	0	0
0.020395	0	0	0	0	0	0
0.018432	0	0	0	0	0	0

0.021584	0	0	0	0	0	0
0.012741	0	0	0	0	0	0
0.011773	0	0	0	0	0	0
0.008689	0	0	0	0	0	0
0.018243	0	0	0	0	0	0
0.055145	0	0	0	0	0	0
0.056218	0	0	0	0	5	5
0.172085	0	5	0	0	0	5
0.046082	0	0	0	0	0	0
0.047127	0	0	0	0	0	0
0.077193	0	0	0	0	0	0
0.301586	0	0	0	0	0	0
0.01645	0	0	0	0	0	0
0.093597	0	0	0	0	0	0
0.034975	0	0	0	0	0	0
0.029764	0	0	0	0	0	0
0.031723	0	0	0	0	0	0
0.039687	0	0	0	0	0	0
0.04021	0.01	0	0	0	0	0
0.041686	0	0	0	0	0	0
0.080843	0	0	0	0	0	0
0.055572	0	0	0	0	0	0
0.06549	0	0	0	0	0	0
0.033812	0	0	0	0	0	0
0.478475	0.08	0	0	0	0	0
0.022871	0	0	0	0	0	0
0.096209	0	0	0	0	0	0
0.043705	0	0	0	0	0	0
0.009692	0	0	0	0	0	0
0.020874	0	0	0	0	0	0
0.088278	0	0	0	0	0	0
0.325581	0.06	0	0	0	0	0
0.148288	0.13	0	0	0	0	0
0.005659	0	0	0	0	0	0
0.0381	0	0	0	0	0	0
0.019041	0	0	0	0	0	0
0.009106	0	0	0	0	0	0
0.009915	0	0	0	0	0	0
0.006873	0	0	0	0	0	0
0.004155	0	0	0	0	0	0
0.006846	0	0	0	0	0	0
0.067909	0	0	0	0	0	0
0.014235	0	0	0	0	0	0
0.010547	0	0	0	0	0	0
0.002025	0	0	0	0	0	0
0.009044	0	0	0	0	0	0
0.01472	0	0	0	0	0	0
0.015201	0	0	0	0	0	0
0.110284	0	0	0	0	7	7
0.706744	0	7	0	0	0	7

0.328885	0	0	0	0	0	0
0.084918	0	0	0	0	0	0
0.073438	0	0	0	0	0	0
0.115619	0	0	0	0	0	0
0.036851	0	0	0	0	0	0
0.032811	0	0	0	0	0	0
0.039227	0	0	0	0	0	0
0.031654	0	0	0	0	0	0
0.027887	0	0	0	0	0	0
0.03216	0	0	0	0	0	0
0.059786	0	0	0	0	0	0
0.058053	0	0	0	0	0	0
0.122104	0	0	0	0	0	0
0.123676	0	0	0	0	0	0
0.052935	0	0	0	0	3	3
0.458018	0	3	0	0	0	3
0.030505	0	0	0	0	0	0
0.089798	0	0	0	0	0	0
0.126813	0	0	0	0	0	0
0.031575	0	0	0	0	0	0
0.065758	0	0	0	0	0	0
0.05604	0	0	0	0	0	0
0.052927	0	0	0	0	0	0
0.047204	0	0	0	0	0	0
0.044869	0	0	0	0	0	0
0.025294	0	0	0	0	0	0
0.023285	0	0	0	0	0	0
0.02942	0	0	0	0	0	0
0.018971	0	0	0	0	0	0
0.013313	0	0	0	0	0	0
0.021708	0	0	0	0	0	0
0.021414	0	0	0	0	0	0
0.032022	0	0	0	0	0	0
0.024922	0	0	0	0	0	0
0.02824	0	0	0	0	0	0
0.050113	0	0	0	0	5	5
0.024793	0	5	0	0	0	5
0.97943	0	0	0	0	0	0
0.938713	0	0	0	0	0	0
0.056553	0	0	0	0	0	0
0.029043	0	0	0	0	0	0
0.051447	0	0	0	0	0	0
0.052162	0	0	0	0	0	0
0.07636	0	0	0	0	0	0
0.161233	0	0	0	0	0	0
0.146809	0	0	0	0	0	0
0.095468	0	0	0	0	0	0
0.067654	0	0	0	0	0	0
0.235476	0	0	0	0	0	0
0.292642	0	0	0	0	0	0

0.080979	0	0	0	0	0	0
0.05294	0	0	0	0	0	0
0.049214	0	0	0	0	0	0
0.024851	0	0	0	0	0	0
0.095602	0	0	0	0	0	0
0.079864	0	0	0	0	0	0
0.113542	0	0	0	0	0	0
0.072227	0	0	0	0	0	0
0.118825	0	0	0	0	0	0
0.023181	0	0	0	0	0	0
0.017227	0	0	0	0	0	0
0.031363	0	0	0	0	0	0
0.037993	0	0	0	0	0	0
0.026623	0	0	0	0	0	0
0.024823	0	0	0	0	0	0
0.031583	0	0	0	0	0	0
0.035206	0	0	0	0	0	0
0.051032	0	0	0	0	0	0
0.067874	0	0	0	0	0	0
0.07873	0	0	0	0	0	0
0.128284	0	0	0	0	0	0
0.029667	0	0	0	0	0	0
0.002019	0	0	0	0	0	0
0.000822	0	0	0	0	0	0
0.000409	0	0	0	0	0	0
0.001204	0	0	0	0	0	0
0.002628	0	0	0	0	0	0
0.000278	0	0	0	0	0	0
0.002707	0	0	0	0	0	0
0.011293	0	0	0	0	0	0
0.003287	0	0	0	0	0	0
0.002899	0	0	0	0	0	0
0.00424	0	0	0	0	0	0
0.010518	0.01	0	0	0	0	0
0.001905	0	0	0	0	0	0
0.003144	0	0	0	0	0	0
0.003	0	0	0	0	0	0
0.003463	0	0	0	0	0	0
0.003773	0	0	0	0	7	7
0.003153	0	7	0	0	0	7
0.006868	0	0	0	0	0	0
0.002871	0	0	0	0	0	0
0.002299	0	0	0	0	0	0
0.004257	0	0	0	0	0	0
0.003457	0	0	0	0	0	0
0.003177	0	0	0	0	0	0
0.009615	0	0	0	0	0	0
0.019135	0	0	0	0	0	0
0.012613	0	0	0	0	0	0
0.006335	0	0	0	0	0	0



0.009395	0	0	0	0	0	0
0.012681	0	0	0	0	0	0
0.006542	0	0	0	0	0	0
0.010743	0	0	0	0	0	0
0.004818	0	0	0	0	0	0
0.007002	0	0	0	0	0	0
0.004871	0	0	0	0	0	0
0.006068	0	0	0	0	0	0
0.004528	0	0	0	0	0	0
0.059028	0.06	0	0	0	0	0
0.004376	0	0	0	0	0	0
0.007233	0	0	0	0	0	0
0.047505	0	0	0	0	0	0
0.052486	0	0	0	0	0	0
0.052942	0	0	0	0	0	0
0.04701	0	0	0	0	0	0
0.072259	0	0	0	0	0	0
0.041107	0	0	0	0	0	0
0.032751	0	0	0	0	0	0
0.05378	0	0	0	0	0	0
0.027755	0	0	0	0	0	0
0.020038	0	0	0	0	0	0
0.009913	0	0	0	0	0	0
0.003308	0	0	0	0	0	0
0.003304	0	0	0	0	0	0
0.004172	0	0	0	0	0	0
0.008256	0	0	0	0	0	0
0.008016	0	0	0	0	0	0
0.003127	0	0	0	0	0	0
0.003757	0	0	0	0	0	0
0.02115	0	0	0	0	0	0
0.023786	0	0	0	0	0	0
0.024221	0	0	0	0	0	0
0.012576	0	0	0	0	0	0
0.066123	0	0	0	0	0	0
0.025648	0	0	0	0	0	0
0.014486	0	0	0	0	0	0
0.021395	0	0	0	0	0	0
0.012736	0	0	0	0	0	0
0.004635	0	0	0	0	0	0
0.009639	0.02	0	0	0	0	0
0.061646	0	0	0	0	0	0
0.028591	0	0	0	0	0	0
0.008108	0	0	0	0	0	0
0.000855	0	0	0	0	0	0
0.001953	0	0	0	0	0	0
0.001313	0	0	0	0	0	0
0.003114	0	0	0	0	0	0
0.006126	0	0	0	0	0	0
0.004418	0	0	0	0	0	0

0.001167	0	0	0	0	0	0
0.001931	0	0	0	0	0	0
0.156027	0	0	0	0	6	6
0.027686	0	6	0	0	0	6
0.015724	0	0	0	0	0	0
0.063662	0	0	0	0	1	1
0.186607	0	1	0	0	0	1
0.289375	0.01	0	0	0	0	0
0.08217	0	0	0	0	0	0
0.057161	0	0	0	0	0	0
0.036879	0	0	0	0	0	0
0.012104	0	0	0	0	0	0
0.022518	0	0	0	0	0	0
0.006634	0	0	0	0	0	0
0.006785	0	0	0	0	0	0
0.004623	0	0	0	0	0	0
0.006518	0	0	0	0	0	0
0.02972	0	0	0	0	0	0
0.010703	0	0	0	0	1	1
0.848704	0.5	1	0	0	0	1
0.055179	0	0	0	0	0	0
0.047211	0	0	0	0	0	0
0.04618	0	0	0	0	0	0
0.07745	0	0	0	0	0	0
0.051138	0	0	0	0	0	0
0.034028	0	0	0	0	0	0
0.063805	0	0	0	0	0	0
0.030505	0	0	0	0	0	0
0.033927	0	0	0	0	0	0
0.019208	0	0	0	0	0	0
0.019098	0	0	0	0	0	0
0.027211	0	0	0	0	0	0
0.019913	0	0	0	0	0	0
0.015057	0	0	0	0	0	0
0.028102	0	0	0	0	0	0
0.021764	0	0	0	0	0	0
0.006408	0	0	0	0	0	0
0.006463	0	0	0	0	0	0
0.013497	0	0	0	0	0	0
0.006232	0	0	0	0	0	0
0.046757	0	0	0	0	0	0
0.17821	0	0	0	0	0	0
0.007121	0	0	0	0	0	0
0.006262	0	0	0	0	0	0
0.012687	0	0	0	0	0	0
0.22309	0	0	0	0	0	0
0.075923	0	0	0	0	0	0
0.048622	0	0	0	0	0	0
0.064844	0	0	0	0	0	0
0.046994	0	0	0	0	0	0

0.006223	0	0	0	0	0	0
0.172305	0	0	0	0	0	0
0.066526	0	0	0	0	0	0
0.035372	0	0	0	0	0	0
0.118458	0	0	0	0	0	0
0.045215	0	0	0	0	0	0
0.008989	0	0	0	0	0	0
0.017128	0.29	0	6	4	0	10
0.003564	0.01	0	0	0	0	0
0.000075	0	0	0	0	0	0
0.001016	0	0	0	0	0	0
0.000691	0	0	0	0	0	0
0.000265	0	0	0	0	0	0
0.044619	0	0	0	0	0	0
0.042148	0	0	0	0	0	0
0.067075	0	0	0	0	0	0
0.078602	0	0	0	0	0	0
0.086072	0	0	0	0	0	0
0.042726	0	0	0	0	0	0
0.030797	0	0	0	0	0	0
0.039412	0	0	0	0	0	0
0.10399	0	0	0	0	0	0
0.051222	0	2	0	0	0	2
0.073009	0	0	0	0	0	0
0.083415	0	0	0	0	0	0
0.051634	0	0	0	0	0	0
0.031817	0	0	0	0	0	0
0.095521	0	0	0	0	0	0
0.053687	0	0	0	0	0	0
0.005978	0	0	0	0	0	0
0.00819	0	0	0	0	0	0
0.004346	0	0	0	0	0	0
0.009033	0	0	0	0	0	0
0.004847	0	0	0	0	0	0
0.02732	0	0	0	0	0	0
0.017189	0	0	0	0	0	0
0.12414	0.04	0	0	0	0	0
0.014182	0	0	0	0	0	0
0.055744	0	0	0	0	0	0
0.136992	0	0	0	0	0	0
0.016611	0	0	0	0	0	0
0.038064	0	0	0	0	3	3
0.07155	0	3	0	0	0	3
0.078832	0	0	0	3	0	3
0.635112	0	0	18	2	0	20
0.237182	0	0	0	10	0	10
0.02513	0	0	0	0	0	0
0.009827	0	0	0	0	0	0
0.081159	0	0	0	0	0	0
0.006155	0	0	0	0	0	0

0.008374	0	0	0	0	0	0
0.007464	0	0	0	0	0	0
0.002534	0	0	0	0	0	0
0.00607	0	0	0	0	0	0
0.0032	0	0	0	0	0	0
0.001901	0	0	0	0	0	0
0.002241	0	0	0	0	0	0
0.002719	0	0	0	0	0	0
0.002684	0	0	0	0	0	0
0.001118	0	0	0	0	0	0
0.002563	0	0	0	0	0	0
0.001509	0	0	0	0	0	0
0.001404	0	0	0	0	0	0
0.000709	0	0	0	8	0	8
0.000209	0	0	0	0	0	0
0.000135	0	0	0	0	0	0
0.60023	0.19	0	0	0	0	0
0.028701	0	0	0	0	0	0
0.030574	0	0	0	0	0	0
0.041199	0	0	0	0	0	0
0.011327	0	0	0	0	0	0
0.043576	0	0	0	0	0	0
0.020062	0	0	0	0	0	0
0.029385	0	0	0	0	0	0
0.202192	0	0	0	0	1	1
0.112487	0	1	0	0	0	1
0.127493	0.04	0	0	0	0	0
0.659667	0.45	0	0	0	0	0
0.029135	0	0	0	0	0	0
0.045821	0	0	0	0	0	0
0.142159	0	0	0	0	0	0
0.121817	0	0	0	0	0	0
0.006766	0	0	0	0	0	0
0.063784	0	0	0	0	0	0
0.02048	0	0	0	0	0	0
0.010916	0	0	0	0	0	0
0.017919	0	0	0	0	0	0
0.159983	0	0	0	0	0	0
0.162507	0	0	0	0	0	0
0.115245	0	0	0	0	0	0
0.066937	0	0	0	0	0	0
0.703905	0	0	0	0	0	0
0.107948	0	0	0	0	0	0
0.412476	0	0	0	0	0	0
0.352063	0	0	0	0	0	0
0.349169	0	0	0	0	0	0
0.339883	0	0	0	0	0	0
0.089536	0	0	0	0	0	0
0.070076	0	0	0	0	0	0
0.127566	0	0	0	0	0	0

0.126284	0	0	0	0	0	0
0.101002	0	0	0	0	0	0
0.046984	0	0	0	0	0	0
0.330216	0	0	0	0	0	0
0.08673	0	0	0	0	0	0
0.56137	0	0	0	0	0	0
0.149064	0	0	0	0	0	0
0.136666	0	0	0	0	0	0
0.100492	0	0	0	0	0	0
0.103119	0	0	0	0	0	0
0.083638	0	0	0	0	0	0
0.370358	0	0	0	0	0	0
0.058231	0	0	0	0	0	0
0.080796	0	0	0	0	0	0
0.045687	0	0	0	0	0	0
0.043712	0	0	0	0	0	0
0.101777	0	0	0	0	0	0
0.094112	0	0	0	0	0	0
0.051713	0	0	0	0	0	0
0.103233	0	0	0	0	0	0
0.054322	0	0	0	0	0	0
0.048617	0	0	0	0	0	0
0.049434	0	0	0	0	0	0
0.218459	0	0	0	0	0	0
0.010494	0	0	0	0	0	0
0.077268	0	0	0	0	0	0
0.07947	0	0	0	0	0	0
0.029923	0.01	0	0	0	0	0
0.792265	0	0	0	0	0	0
0.276879	0.18	0	0	0	0	0
0.049229	0	0	0	0	0	0
0.002389	0	0	0	0	0	0
0.026645	0	0	0	0	0	0
0.028612	0.03	0	0	0	0	0
0.060328	0	0	0	0	0	0
0.008423	0	0	0	0	0	0
0.051477	0	0	0	0	0	0
0.009813	0	1	0	0	0	1
0.013958	0	0	0	0	0	0
0.02769	0	0	0	0	0	0
0.015166	0	0	0	0	0	0
0.022689	0	0	0	0	0	0
0.03057	0	0	0	0	0	0
0.025472	0	0	0	0	0	0
0.023674	0	0	0	0	0	0
0.027339	0	0	0	0	0	0
0.020042	0	0	0	0	0	0
0.01712	0	0	0	0	1	1
0.031527	0	0	0	0	0	0
0.035002	0	0	0	0	0	0

0.022777	0	0	0	0	0	0
0.034498	0	0	0	0	0	0
0.025696	0	0	0	0	0	0
0.01281	0	0	0	0	0	0
0.026242	0	0	0	0	0	0
0.029019	0	0	0	0	2	2
0.079785	0	2	0	0	0	2
0.019049	0	0	0	0	0	0
0.025908	0	0	0	0	0	0
0.088236	0	0	0	0	0	0
0.028419	0	0	0	0	0	0
0.047194	0	0	0	0	0	0
0.732298	0.25	0	0	0	0	0
0.332951	0	0	0	0	0	0
0.384255	0.01	0	0	0	0	0
0.295029	0	0	0	0	0	0
0.052136	0	0	0	0	0	0
0.060208	0	0	0	0	0	0
0.089068	0	0	0	0	0	0
0.073136	0	0	0	0	0	0
0.110589	0	0	0	0	0	0
0.185466	0	0	0	0	0	0
0.047875	0	0	0	0	0	0
0.22772	0.13	0	0	0	0	0
0.021719	0	0	0	0	0	0
0.015952	0	0	0	0	0	0
0.027806	0	0	0	0	0	0
0.059188	0	0	0	0	0	0
0.015329	0	0	0	0	0	0
0.012232	0	0	0	0	0	0
0.017884	0	0	0	0	0	0
0.015519	0	0	0	0	0	0
0.010683	0	0	0	0	0	0
0.064954	0.06	0	0	0	0	0
0.004247	0	0	0	0	0	0
0.026552	0	0	0	0	0	0
0.007927	0	0	0	0	0	0
0.003014	0	0	0	0	0	0
0.004978	0	0	0	0	0	0
0.043185	0.04	0	0	0	0	0
0.020708	0.01	0	0	0	0	0
0.04828	0.03	0	0	0	0	0
0.047822	0	0	0	0	0	0
0.193019	0	0	0	0	0	0
0.025902	0	0	0	0	0	0
0.059775	0	0	0	0	0	0
0.150553	0	0	0	0	0	0
0.201646	0.02	0	0	0	0	0
0.197011	0	0	0	0	0	0
0.097921	0	0	0	0	0	0

0.035438	0	0	0	0	0	0
0.013227	0	0	0	0	0	0
0.045239	0	0	0	0	0	0
0.032921	0	0	0	0	0	0
0.041447	0	0	0	0	0	0
0.102207	0	0	0	0	0	0
0.072875	0	0	0	0	0	0
0.029283	0	0	0	0	0	0
0.183524	0	0	0	0	0	0
0.069833	0	0	0	0	0	0
0.056693	0	0	0	0	0	0
0.026624	0	0	0	0	0	0
0.046241	0	0	0	0	0	0
0.008631	0	0	0	0	0	0
0.011407	0	0	0	0	0	0
0.050202	0	0	0	0	0	0
0.0609	0	0	0	0	0	0
0.039107	0	0	0	0	0	0
0.042762	0	0	0	0	0	0
0.058933	0	0	0	0	0	0
0.063192	0	0	0	0	0	0
0.142698	0.02	0	0	0	0	0
0.03445	0	0	0	0	0	0
0.031541	0	0	0	0	0	0
0.07968	0	0	0	0	0	0
0.043366	0	0	0	0	0	0
0.055805	0	0	0	0	0	0
0.054984	0	0	0	0	0	0
0.062082	0	0	0	0	0	0
0.060046	0	0	0	0	0	0
0.054694	0	0	0	0	0	0
0.034933	0	0	0	0	0	0
0.123893	0	0	0	0	0	0
0.072201	0	0	0	0	0	0
0.062388	0	0	0	0	0	0
0.036755	0	0	0	0	0	0
0.020128	0	0	0	0	0	0
0.027066	0	0	0	0	0	0
0.036975	0	0	0	0	0	0
0.039328	0	0	0	0	0	0
0.063641	0	0	0	0	0	0
0.030971	0	0	0	0	0	0
0.052767	0	0	0	0	0	0
0.022847	0	0	0	0	0	0
0.028065	0	0	0	0	0	0
0.016928	0	0	0	0	0	0
0.019104	0	0	0	0	2	2
0.04223	0	2	0	0	0	2
0.023901	0	0	0	0	0	0
0.010413	0	0	0	0	0	0

0.003698	0	0	0	0	0	0
0.002337	0	0	0	0	0	0
0.003053	0	0	0	0	0	0
0.007012	0	0	0	0	0	0
0.003543	0	0	0	0	0	0
0.004919	0	0	0	0	0	0
0.003215	0	0	0	0	0	0
0.002742	0	0	0	0	0	0
0.003391	0	0	0	0	0	0
0.005252	0	0	0	0	0	0
0.004151	0	0	0	0	0	0
0.004742	0	0	0	0	0	0
0.00683	0	0	0	0	0	0
0.006929	0	0	0	0	0	0
0.01155	0	0	0	0	0	0
0.042352	0	0	0	0	0	0
0.03441	0	0	0	0	0	0
0.261376	0	0	0	0	0	0
0.300207	0	0	0	0	0	0
0.068651	0	0	0	0	0	0
0.093044	0	0	0	0	0	0
0.033194	0	0	0	0	0	0
0.028051	0	0	0	0	0	0
0.037867	0	0	0	0	0	0
0.032829	0	0	0	0	0	0
0.030178	0	0	0	0	0	0
0.023918	0	0	0	0	0	0
0.049713	0	0	0	0	0	0
0.032794	0	0	0	0	0	0
0.02397	0	0	0	0	0	0
0.060638	0	0	0	0	0	0
0.134908	0	0	0	0	0	0
0.040014	0	0	0	0	0	0
0.194421	0.04	0	0	0	0	0
0.036694	0	0	0	0	0	0
0.029614	0	0	0	0	0	0
0.017136	0	0	0	0	0	0
0.02719	0	0	0	0	0	0
0.016317	0	0	0	0	0	0
0.037869	0	0	0	0	0	0
0.026443	0	0	0	0	0	0
0.02827	0	0	0	0	0	0
0.079965	0	0	0	0	0	0
0.099102	0	0	0	0	0	0
0.082467	0	0	0	0	0	0
0.038914	0	0	0	0	0	0
0.031928	0	0	0	0	0	0
0.004781	0	0	0	0	0	0
0.117758	0	0	0	0	0	0
0.041294	0	0	0	0	0	0



0.00984	0	0	0	0	0	0
0.008768	0	0	0	0	0	0
0.020808	0	0	0	0	0	0
0.006224	0	0	0	0	0	0
0.007106	0	0	0	0	0	0
0.020602	0	0	0	0	0	0
0.012007	0	0	0	0	0	0
0.066021	0	0	0	0	0	0
0.04548	0	0	0	0	0	0
0.165888	0	0	0	0	0	0
0.042115	0	0	0	0	0	0
0.356605	0	0	0	0	0	0
0.030501	0	0	0	0	0	0
0.054514	0	0	0	0	0	0
0.187489	0	0	0	0	0	0
0.092561	0	0	0	0	0	0
0.028505	0	0	0	0	0	0
0.038085	0	0	0	0	0	0
0.031136	0	0	0	0	0	0
0.027413	0	0	0	0	0	0
0.040612	0	0	0	0	0	0
0.010536	0	0	0	0	0	0
0.051119	0	0	0	0	0	0
0.026944	0	0	0	0	0	0
0.020468	0	0	0	0	0	0
0.091931	0	0	0	0	0	0
0.012442	0	0	0	0	0	0
0.0559	0	0	0	0	0	0
0.020562	0	0	0	0	0	0
0.062843	0	0	0	0	0	0
0.14276	0	0	0	0	0	0
0.010852	0	0	0	0	0	0
0.01136	0	0	0	0	0	0
0.009204	0	0	0	0	0	0
0.059306	0	0	0	0	0	0
0.026925	0	0	0	0	0	0
0.884285	0	0	0	0	0	0
0.859503	0.35	0	0	0	0	0
0.163002	0	0	0	0	0	0
0.055758	0	0	0	0	2	2
0.154417	0	2	0	0	0	2
0.329479	0	0	0	0	0	0
0.225486	0	0	0	0	0	0
0.009172	0	0	0	0	0	0
0.052497	0	0	0	0	0	0
0.010382	0	0	0	0	0	0
0.004869	0	0	0	0	0	0
0.024201	0	0	0	0	0	0
0.012756	0	0	0	0	0	0
0.005138	0	0	0	0	0	0

0.003048	0	0	0	0	0	0
0.003253	0	0	0	0	0	0
0.006112	0	0	0	0	0	0
0.003369	0	0	0	0	0	0
0.003596	0	0	0	0	0	0
0.005675	0	0	0	0	0	0
0.002635	0	0	0	0	0	0
0.003397	0	0	0	0	0	0
0.011532	0	0	0	0	0	0
0.034071	0	0	0	0	0	0
0.026531	0	0	0	0	0	0
0.040939	0	0	0	0	0	0
0.057619	0	0	0	0	0	0
0.04276	0	0	0	0	0	0
0.041577	0	0	0	0	0	0
0.028934	0	0	0	0	0	0
0.031141	0	0	0	0	0	0
0.053884	0	0	0	0	0	0
0.058877	0	0	0	0	0	0
0.026807	0	0	0	0	0	0
0.056647	0	0	0	0	0	0
0.112381	0.01	0	0	0	0	0
0.113468	0	0	0	0	0	0
0.050571	0	0	0	0	0	0
0.038084	0	0	0	0	0	0
0.10637	0	0	0	0	0	0
0.097231	0	0	0	0	0	0
0.05846	0	0	0	0	0	0
0.069956	0	0	0	0	0	0
0.081186	0	0	0	0	0	0
0.050358	0	0	0	0	0	0
0.061251	0	0	0	0	0	0
0.046618	0	0	0	0	0	0
0.175938	0	0	0	0	0	0
0.111457	0	0	0	0	0	0
0.080671	0	0	0	0	0	0
0.080852	0	0	0	0	0	0
0.036851	0	0	0	0	0	0
0.024781	0	0	0	0	0	0
0.031878	0	0	0	0	0	0
0.031029	0	0	0	0	0	0
0.054229	0	0	0	0	0	0
0.110247	0	0	0	0	0	0
0.027593	0	0	0	0	0	0
0.024734	0	0	0	0	0	0
0.04355	0	0	0	0	0	0
0.032183	0	0	0	0	0	0
0.012961	0	0	0	0	0	0
0.009161	0	0	0	0	0	0
0.022422	0	0	0	0	0	0

0.027205	0	0	0	0	0	0
0.101705	0	0	0	0	0	0
0.03676	0	0	0	0	0	0
0.017445	0	0	0	0	0	0
0.035969	0	0	0	0	0	0
0.035114	0	0	0	0	0	0
0.218083	0	0	0	0	0	0
0.020867	0	0	0	0	0	0
0.030272	0	0	0	0	0	0
0.034689	0	0	0	0	0	0
0.10233	0	0	0	0	0	0
0.02523	0	0	0	0	0	0
0.253478	0.06	0	0	0	0	0
0.025178	0	0	0	0	0	0
0.034652	0	0	0	0	0	0
0.035277	0	0	0	0	0	0
0.060066	0	0	0	0	0	0
0.04132	0	0	0	0	0	0
0.038527	0	0	0	0	0	0
0.046296	0	0	0	0	0	0
0.038039	0	0	0	0	0	0
0.010393	0	0	0	0	0	0
0.005857	0	0	0	0	0	0
0.007133	0	0	0	0	0	0
0.065065	0	0	0	0	0	0
0.018288	0	0	0	0	0	0
0.012841	0	0	0	0	0	0
0.02644	0	0	0	0	0	0
0.019428	0	0	0	0	0	0
0.005966	0	0	0	0	0	0
0.007865	0	0	0	0	0	0
0.004704	0	0	0	0	0	0
0.005492	0	0	0	0	0	0
0.005164	0	0	0	0	0	0
0.009723	0	11	0	0	11	22
0.006433	0	11	0	0	0	11
0.008138	0	0	0	0	0	0
0.013467	0	0	0	0	18	18
0.009675	0	18	0	0	0	18
0.017865	0	0	0	0	0	0
0.011397	0	0	8	0	13	21
0.025768	0	13	4	4	0	21
0.054646	0	0	0	0	17	17
0.005182	0	17	0	0	0	17
0.003218	0	0	0	0	0	0
0.037277	0	0	2	9	0	11
0.010083	0	0	0	0	0	0
0.006903	0	0	0	0	11	11
0.836315	0	0	0	0	0	0
0.047997	0	0	0	0	0	0

0.128447	0	0	0	0	0	0
0.168248	0	0	0	0	0	0
0.010885	0	0	0	0	0	0
0.05771	0	0	0	0	0	0
0.010208	0	0	0	0	0	0
0.019252	0	0	0	0	0	0
0.037071	0	0	0	0	0	0
0.039449	0	0	0	0	0	0
0.031531	0	0	0	0	0	0
0.025248	0	0	0	0	0	0
0.032386	0	0	0	0	0	0
0.028072	0	0	0	0	0	0
0.115423	0.05	0	0	0	0	0
0.056578	0	0	0	0	0	0
0.032356	0	0	0	0	0	0
0.033705	0	0	0	0	0	0
0.036879	0	0	0	0	0	0
0.05535	0	0	0	0	1	1
0.0323	0	1	0	0	0	1
0.022239	0	0	0	0	0	0
0.048104	0	0	0	0	0	0
0.04931	0	0	0	0	0	0
0.038402	0	0	0	0	0	0
0.049694	0	0	0	0	0	0
0.0485	0	0	0	0	0	0
0.067389	0	0	0	0	0	0
0.053775	0	0	0	0	0	0
0.046691	0	0	0	0	0	0
0.061394	0	0	0	0	0	0
0.040545	0	0	0	0	0	0
0.053679	0	0	0	0	0	0
0.072987	0	0	0	0	0	0
0.078411	0	0	0	0	0	0
0.161778	0	0	0	0	0	0
0.064348	0	0	0	0	0	0
0.165833	0	0	0	0	0	0
0.06007	0	0	0	0	0	0
0.081496	0	0	0	0	0	0
0.243444	0	0	0	0	0	0
0.235818	0	0	0	0	0	0
0.084002	0	0	0	0	0	0
0.02474	0	0	0	0	0	0
0.025591	0	0	0	0	0	0
0.01691	0	0	0	0	0	0
0.045505	0	0	0	0	0	0
0.020868	0	0	0	0	0	0
0.208197	0	0	0	0	0	0
0.046642	0	0	0	0	0	0
0.050115	0	0	0	0	0	0
0.06512	0	0	0	0	0	0

0.050001	0	0	0	0	0	0
0.110127	0	0	0	0	0	0
0.051328	0	0	0	0	0	0
0.022758	0	0	0	0	0	0
0.094314	0	0	0	0	0	0
0.104742	0	0	0	0	0	0
0.038453	0	0	0	0	0	0
0.045585	0	0	0	0	0	0
0.026166	0	0	0	0	0	0
0.032163	0	0	0	0	0	0
0.024063	0	0	0	0	0	0
0.030704	0	0	0	0	0	0
0.048671	0	0	0	0	0	0
0.046648	0	0	0	0	0	0
0.056614	0	0	0	0	0	0
0.042466	0	0	0	0	0	0
0.062218	0	0	0	0	0	0
0.194935	0.02	0	0	0	0	0
0.324837	0	0	0	0	0	0
0.052837	0	0	0	0	0	0
0.048493	0	0	0	0	0	0
0.078341	0	0	0	0	0	0
0.026169	0	0	0	0	0	0
0.016225	0	0	0	0	0	0
0.017455	0	0	0	0	0	0
0.111444	0	0	0	0	0	0
0.024479	0	0	0	0	0	0
0.013357	0	0	0	0	0	0
0.316963	0.03	0	0	0	0	0
0.235924	0.02	0	0	0	0	0
0.010315	0	0	0	0	0	0
0.031459	0	0	0	0	0	0
0.01617	0	0	0	0	0	0
0.012561	0	0	0	0	0	0
0.050166	0	0	0	0	0	0
0.029654	0	0	0	0	0	0
0.01975	0	0	0	0	0	0
0.008488	0	0	0	0	0	0
0.007967	0	0	0	0	0	0
0.010598	0	0	0	0	0	0
0.01237	0	0	0	0	0	0
0.023582	0	0	0	0	0	0
0.912253	0	0	0	0	0	0
0.027003	0	0	0	0	0	0
0.024485	0	0	0	0	0	0
0.007594	0	0	0	0	0	0
0.004137	0	0	0	0	0	0
0.009323	0	0	0	0	0	0
0.046296	0	0	0	0	0	0
0.032754	0	0	0	0	0	0

0.026354	0	0	0	0	0	0
0.03133	0	0	0	0	0	0
0.043908	0	0	0	0	0	0
0.221934	0	0	0	0	0	0
0.027975	0	0	0	0	6	6
0.017543	0	6	0	0	0	6
0.009842	0	0	0	0	0	0
0.003001	0	0	0	0	0	0
0.004932	0	0	0	0	0	0
0.021767	0	0	0	0	0	0
0.014522	0	0	0	0	0	0
0.056741	0	0	0	0	0	0
0.137369	0	0	0	0	0	0
0.040381	0	0	0	0	0	0
0.083842	0	0	0	0	0	0
0.107626	0	0	0	0	0	0
0.047316	0	0	0	0	0	0
0.030885	0	0	0	0	0	0
0.045507	0	0	0	0	0	0
0.027887	0	0	0	0	0	0
0.022597	0	0	0	0	0	0
0.021218	0	0	0	0	0	0
0.022361	0	0	0	0	0	0
0.021789	0	0	0	0	0	0
0.014997	0	0	0	0	0	0
0.017404	0	0	0	0	0	0
0.018004	0	0	0	0	0	0
0.026149	0	0	0	0	0	0
0.060931	0	0	0	0	0	0
0.044565	0	0	0	0	0	0
0.046168	0	0	0	0	0	0
0.024324	0	0	0	0	0	0
0.023975	0	0	0	0	0	0
0.025803	0	0	0	0	0	0
0.046049	0	0	0	0	0	0
0.022627	0	0	0	0	0	0
0.052851	0	0	0	0	0	0
0.052421	0	0	0	0	0	0
0.028705	0	0	0	0	0	0
0.106019	0	0	0	0	0	0
0.097283	0	0	0	0	0	0
0.047511	0	0	0	0	0	0
0.10002	0	0	0	0	0	0
0.239203	0.01	0	0	0	0	0
0.075488	0	0	0	0	0	0
0.053677	0	0	0	0	0	0
0.031182	0	0	0	0	0	0
0.037921	0	0	0	0	0	0
0.073059	0	0	0	0	0	0
0.645067	0	0	0	0	0	0

0.024664	0	0	0	0	0	0
0.036031	0	0	0	0	0	0
0.1115	0	0	0	0	0	0
0.024666	0	0	0	0	0	0
0.039075	0	0	0	0	0	0
0.103474	0	0	0	0	0	0
0.044615	0	0	0	0	0	0
0.014787	0	0	0	0	0	0
0.095619	0	0	0	0	0	0
0.011825	0	0	0	0	0	0
0.018366	0	0	0	0	0	0
0.023489	0	0	0	0	0	0
0.024003	0	0	0	0	0	0
0.020433	0	0	0	0	0	0
0.026182	0	0	0	0	0	0
0.030746	0	0	0	0	0	0
0.06682	0	0	0	0	0	0
0.055501	0	0	0	0	0	0
0.042264	0	0	0	0	0	0
0.040143	0	0	0	0	0	0
0.025239	0	0	0	0	0	0
0.035415	0	0	0	0	0	0
0.045677	0	0	0	0	0	0
0.027532	0	0	0	0	0	0
0.047138	0	0	0	0	0	0
0.109769	0	0	0	0	0	0
0.035304	0	0	0	0	0	0
0.012959	0	0	0	0	0	0
0.009044	0	0	0	0	0	0
0.027128	0	0	0	0	0	0
0.010945	0	0	0	0	0	0
0.006306	0	0	0	0	2	2
0.041809	0	2	0	0	0	2
0.002117	0	0	0	0	0	0
0.008127	0	0	0	0	0	0
0.013288	0	0	0	0	0	0
0.030792	0	0	0	0	0	0
0.004923	0	0	0	0	0	0
0.072494	0	0	0	0	0	0
0.018642	0	0	0	0	0	0
0.02088	0	0	0	0	0	0
0.010834	0	0	0	0	0	0
0.057297	0	0	0	0	0	0
0.010418	0	0	0	0	0	0
0.107474	0	0	0	0	0	0
0.009019	0	0	0	0	0	0
0.103384	0	0	0	0	0	0
0.048066	0	0	0	0	0	0
0.051418	0	0	0	0	0	0
0.014344	0	0	0	0	0	0

0.178272	0	0	0	0	0	0
0.237158	0	0	0	0	0	0
0.2176	0	0	0	0	0	0
0.009022	0	0	0	0	0	0
0.004595	0	0	0	0	0	0
0.026436	0	0	0	0	0	0
0.006865	0	0	0	0	0	0
0.005971	0	0	0	0	0	0
0.011749	0	0	0	0	0	0
0.008505	0	0	0	0	0	0
0.00581	0	0	0	0	0	0
0.007001	0	0	0	0	0	0
0.008308	0	0	0	0	0	0
0.015634	0	0	0	0	0	0
0.019537	0	0	0	0	0	0
0.016319	0	0	0	0	0	0
0.054448	0	0	0	0	0	0
0.013797	0	0	0	0	0	0
0.009964	0	0	0	0	0	0
0.01562	0	0	0	0	0	0
0.017406	0	0	0	0	0	0
0.018425	0	0	0	0	0	0
0.012154	0	0	0	0	0	0
0.015263	0	0	0	0	0	0
0.042438	0	0	0	0	0	0
0.041369	0	0	0	0	0	0
0.012505	0	0	0	0	0	0
0.014765	0	0	0	0	0	0
0.036072	0.07	0	0	0	0	0
0.044659	0	0	0	0	0	0
0.06254	0	0	0	0	0	0
0.055073	0.01	0	0	0	0	0
0.011922	0	0	0	0	0	0
0.004427	0	0	0	0	0	0
0.093157	0	0	0	0	0	0
0.061111	0.01	0	0	0	0	0
0.02693	0.05	0	0	0	0	0
0.054883	0.13	0	0	0	0	0
0.012358	0	0	0	0	0	0
0.010906	0	0	0	0	0	0
0.00989	0.02	0	0	0	0	0
0.011798	0	0	0	0	0	0
0.010151	0	0	0	0	0	0
0.009057	0	0	0	0	0	0
0.009587	0	0	0	0	0	0
0.010799	0	0	0	0	0	0
0.016526	0	0	0	0	0	0
0.018895	0	0	0	0	0	0
0.032903	0.02	0	0	0	0	0
0.043602	0	0	0	0	0	0



0.006477	0	0	0	0	0	0
0.006065	0	0	0	0	0	0
0.007023	0	0	0	0	0	0
0.005439	0	0	0	0	0	0
0.004572	0	0	0	0	0	0
0.002119	0	0	0	0	0	0
0.005359	0	0	0	0	0	0
0.004493	0	0	0	0	1	1
0.014112	0	1	0	0	0	1
0.028889	0	0	0	0	0	0
0.007632	0	0	0	0	0	0
0.013341	0	0	0	0	0	0
0.003386	0	0	0	0	0	0
0.601646	0.11	0	4	16	0	20
0.022422	0	0	0	0	0	0
0.031165	0	0	0	0	0	0
0.034525	0	0	0	0	0	0
0.003229	0	0	0	0	0	0
0.104259	0	0	0	0	0	0
0.01202	0	0	0	0	0	0
0.110159	0	0	0	0	0	0
0.064465	0	0	0	0	0	0
0.052002	0	0	0	0	0	0
0.050228	0	0	0	0	0	0
0.051383	0	0	0	0	0	0
0.048205	0	0	0	0	0	0
0.058878	0	0	0	0	0	0
0.062912	0	0	0	0	0	0
0.05652	0	0	0	0	0	0
0.031215	0	0	0	0	0	0
0.051815	0	0	0	0	0	0
0.040595	0	0	0	0	0	0
0.058698	0	0	0	0	0	0
0.054212	0	0	0	0	0	0
0.061651	0	0	0	0	0	0
0.056458	0	0	0	0	0	0
0.052427	0	0	0	0	0	0
0.051513	0	0	0	0	0	0
0.054859	0	0	0	0	0	0
0.15023	0	0	0	0	0	0
0.044975	0	0	0	0	0	0
0.06165	0	0	0	0	0	0
0.052804	0	0	0	0	0	0
0.972926	0	0	0	0	0	0
0.033267	0	0	0	0	0	0
0.042886	0	0	0	0	0	0
0.04623	0	0	0	0	0	0
0.018253	0	0	0	0	0	0
0.042029	0	0	0	0	0	0
0.06204	0	0	0	0	0	0

0.111852	0	0	0	0	0	0
0.015681	0	0	0	0	11	11
0.055118	0	11	0	0	0	11
0.016814	0	0	0	0	0	0
0.006263	0	0	0	0	0	0
0.008442	0	0	0	0	9	9
0.071337	0	9	0	0	0	9
0.011388	0	0	0	0	0	0
0.008175	0	0	0	0	0	0
0.009171	0	0	0	0	0	0
0.023349	0	0	0	6	0	6
0.042174	0.01	0	0	0	0	0
0.019482	0	0	0	0	0	0
0.050408	0	0	0	0	0	0
0.070193	0.03	0	0	0	0	0
0.008416	0	0	0	0	0	0
0.076407	0	0	0	0	0	0
0.081302	0	0	0	0	0	0
0.073861	0	0	0	0	0	0
0.051965	0.01	0	0	0	0	0
0.04696	0.02	0	0	0	0	0
0.046807	0	0	0	0	0	0
0.092209	0	0	0	0	1	1
0.011747	0	0	0	0	0	0
0.019065	0	0	0	0	0	0
0.023628	0	0	0	0	0	0
0.039481	0	0	0	0	0	0
0.043052	0	0	0	0	0	0
0.055685	0	0	0	0	0	0
0.307396	0	0	0	0	0	0
0.024658	0	0	0	0	0	0
0.019253	0	0	0	0	0	0
0.02132	0	0	0	0	0	0
0.035877	0	0	0	0	0	0
0.030346	0	0	0	0	0	0
0.027285	0	0	0	0	0	0
0.032704	0	0	0	0	0	0
0.027799	0	0	0	0	0	0
0.018091	0	0	0	0	0	0
0.038119	0	0	0	0	0	0
0.018843	0	0	0	0	0	0
0.063031	0	0	0	0	0	0
0.133763	0	0	0	0	0	0
0.16893	0.1	0	0	0	0	0
0.018849	0	0	0	0	0	0
0.013886	0	0	0	0	0	0
0.020537	0	0	0	0	0	0
0.008016	0	0	0	0	0	0
0.005047	0	0	0	0	0	0
0.230216	0	0	0	0	0	0

0.007221	0	0	0	0	0	0
0.096822	0	0	0	0	0	0
0.018105	0	0	0	0	0	0
0.095026	0.03	0	0	0	0	0
0.130995	0.25	0	0	0	0	0
0.049922	0	0	0	0	0	0
0.070755	0	0	0	0	0	0
0.00811	0	14	3	0	10	27
0.001661	0	0	0	0	0	0
0.002599	0	10	5	0	0	15
0.003466	0	0	0	0	0	0
0.003329	0	0	0	0	0	0
0.004563	0	0	0	0	0	0
0.002281	0	0	0	0	0	0
0.002443	0	0	0	0	0	0
0.114952	0	0	0	0	0	0
0.066676	0	0	0	0	0	0
0.030006	0	0	0	0	0	0
0.093359	0	0	0	0	0	0
0.29636	0	0	0	0	0	0
0.085338	0	0	0	0	0	0
0.109843	0	0	0	0	0	0
0.090756	0	0	0	0	0	0
0.080249	0	0	0	0	0	0
0.024842	0	0	0	0	0	0
0.063932	0	0	0	0	0	0
0.015899	0	0	0	0	0	0
0.023107	0	0	0	0	0	0
0.091455	0	0	0	0	0	0
0.018308	0	0	0	0	0	0
0.046466	0	0	0	0	0	0
0.101105	0	0	0	0	0	0
0.072192	0	0	0	0	0	0
0.054621	0	0	0	0	0	0
0.193403	0	0	0	0	0	0
0.136618	0	0	0	0	0	0
0.065706	0	0	0	0	0	0
0.030072	0	0	0	0	0	0
0.014301	0	0	0	0	0	0
0.012749	0	0	0	0	0	0
0.019739	0	0	0	0	0	0
0.01724	0	0	0	0	0	0
0.011158	0	0	0	0	0	0
0.017037	0	0	0	0	0	0
0.024454	0	0	0	0	0	0
0.035741	0	0	0	0	0	0
0.034574	0	0	0	0	0	0
0.030433	0	0	0	0	0	0
0.02102	0	0	0	0	0	0
0.0144	0	0	0	0	0	0

0.018134	0	0	0	0	0	0
0.020197	0	0	0	0	0	0
0.03464	0	0	0	0	0	0
0.028771	0	0	0	0	0	0
0.044866	0	0	0	0	0	0
0.019522	0	0	0	0	0	0
0.09385	0	0	0	0	0	0
0.031194	0	0	0	0	0	0
0.020028	0	0	0	0	0	0
0.033735	0	0	0	0	6	6
0.035411	0	6	0	0	0	6
0.048377	0	0	0	0	8	8
0.081901	0	8	0	6	0	14
0.115415	0	0	0	0	0	0
0.310027	0.01	0	0	0	0	0
0.098719	0	0	0	0	0	0
0.020188	0	0	0	0	0	0
0.023593	0	0	0	0	0	0
0.025199	0	0	0	0	0	0
0.074611	0	0	0	0	4	4
0.176866	0	4	0	0	1	5
0.032335	0	1	0	0	0	1
0.036852	0	0	0	0	0	0
0.064888	0	0	0	0	0	0
0.204498	0	0	0	0	0	0
0.202665	0	0	0	0	0	0
0.066974	0	0	0	0	0	0
0.049712	0	0	0	0	0	0
0.19522	0	0	0	0	0	0
0.008329	0	0	0	0	0	0
0.016343	0	0	0	0	0	0
0.00823	0	0	0	0	0	0
0.005295	0	0	0	0	0	0
0.006856	0	0	0	0	0	0
0.006657	0	0	0	0	0	0
0.005091	0	0	0	0	0	0
0.005344	0	0	0	0	0	0
0.457241	0	0	0	0	0	0
0.008969	0	0	0	0	0	0
0.03794	0	0	0	0	0	0
0.170515	0	0	0	0	0	0
0.049772	0	0	0	0	0	0
0.023686	0	0	0	0	0	0
0.033601	0	0	0	0	0	0
0.026375	0	0	0	0	0	0
0.053581	0	0	0	0	0	0
0.063145	0	0	0	0	0	0
0.081345	0	0	0	0	0	0
0.030771	0	0	0	0	0	0
0.051971	0	0	0	0	0	0

0.008526	0	0	0	0	0	0
0.093533	0	0	0	0	0	0
0.00226	0	0	0	0	0	0
0.006407	0	0	0	0	0	0
0.001697	0	0	0	0	0	0
0.006939	0	0	0	0	0	0
0.00135	0	0	0	0	0	0
0.002317	0	0	0	0	0	0
0.013182	0.13	0	0	0	0	0
0.007373	0	0	0	4	0	4
0.006281	0	0	0	0	0	0
0.020797	0	0	0	0	0	0
0.0066	0	0	0	0	0	0
0.005513	0	0	0	0	0	0
0.017127	0	0	0	0	0	0
0.004185	0	0	0	0	0	0
0.003136	0	0	0	0	0	0
0.010826	0	0	0	0	0	0
0.049867	0	0	0	0	0	0
0.027215	0	0	0	0	0	0
0.605405	0	0	0	0	0	0
0.005195	0	0	0	0	0	0
0.001742	0	0	0	0	0	0
0.038389	0	0	0	0	0	0
0.04172	0	0	0	0	0	0
0.002554	0	0	0	0	0	0
0.001352	0	0	0	0	0	0
0.003392	0	0	0	0	0	0
0.018541	0	0	0	0	0	0
0.012071	0	0	0	0	0	0
0.018892	0	0	0	0	0	0
0.044327	0	0	0	0	0	0
0.023602	0	0	0	0	0	0
0.025432	0	0	0	0	0	0
0.016771	0	0	0	0	0	0
0.015985	0	0	0	0	0	0
0.018686	0	0	0	0	0	0
0.006663	0	0	0	0	0	0
0.007209	0	0	0	0	0	0
0.004428	0	0	0	0	0	0
0.011197	0	0	0	0	0	0
0.005582	0	0	0	0	0	0
0.002679	0	0	0	0	0	0
0.012545	0	0	0	0	0	0
0.054196	0	0	0	0	0	0
0.006232	0	0	0	0	0	0
0.009473	0	0	0	0	0	0
0.017667	0	0	0	0	0	0
0.056882	0	0	0	0	0	0
0.027374	0	0	0	0	0	0

0.010719	0	0	0	0	0	0
0.005655	0	0	0	0	0	0
0.004945	0	0	0	0	0	0
0.030749	0	0	0	0	0	0
0.007869	0	0	0	0	0	0
0.014828	0	0	0	0	0	0
0.063273	0	0	0	0	0	0
0.017908	0	0	0	0	0	0
0.077521	0	0	6	0	0	6
0.186917	0	0	0	0	0	0
0.011136	0	0	0	0	0	0
0.013419	0	0	0	0	0	0
0.004816	0	0	0	0	0	0
0.002631	0	0	0	0	0	0
0.005055	0	0	0	0	0	0
0.010516	0	0	0	0	0	0
0.005688	0	0	0	0	0	0
0.002603	0	0	0	0	0	0
0.002547	0	0	0	0	0	0
0.00477	0	0	0	0	0	0
0.01252	0	0	0	0	0	0
0.00451	0	0	0	0	0	0
0.005574	0	0	0	0	0	0
0.007342	0	0	0	0	0	0
0.005213	0	0	0	0	0	0
0.003464	0	0	0	0	0	0
0.031612	0	0	0	0	0	0
0.038698	0	0	0	0	0	0
0.014515	0	0	0	0	0	0
0.044612	0	0	0	0	0	0
0.022972	0	0	0	0	0	0
0.028594	0	0	0	0	0	0
0.028902	0	0	0	0	0	0
0.016475	0	0	0	0	0	0
0.017346	0	0	0	0	0	0
0.012058	0	0	0	0	0	0
0.017037	0	0	0	0	0	0
0.013131	0	0	0	0	0	0
0.009828	0	0	0	0	0	0
0.013445	0	0	0	0	0	0
0.023329	0	0	0	0	0	0
0.012727	0	0	0	0	0	0
0.151637	0	0	0	0	0	0
0.093016	0	0	0	0	0	0
0.056173	0	0	0	0	0	0
0.02706	0	0	0	0	0	0
0.030288	0	0	0	0	0	0
0.005337	0	0	0	0	0	0
0.038048	0	0	0	0	0	0
0.016619	0	0	0	0	0	0

0.005468	0	0	0	0	0	0
0.010581	0	0	0	0	0	0
0.048311	0	0	0	0	0	0
0.004632	0	0	0	0	0	0
0.00986	0	0	0	0	0	0
0.04132	0	0	0	0	0	0
0.015626	0	0	0	0	0	0
0.021647	0	0	0	0	0	0
0.553704	0.29	0	0	0	0	0
0.066994	0	0	0	0	0	0
0.049119	0	0	0	0	0	0
0.040311	0	0	0	0	0	0
0.025742	0	0	0	0	0	0
0.023962	0	0	0	0	0	0
0.035947	0	0	0	0	0	0
0.043331	0	0	0	0	0	0
0.037525	0	0	0	0	0	0
0.022448	0	0	0	0	0	0
0.006375	0	0	0	0	0	0
0.01408	0	0	0	0	0	0
0.010335	0	0	0	0	0	0
0.008531	0	0	0	0	0	0
0.007501	0	0	0	0	0	0
0.037476	0	0	0	0	5	5
0.004468	0	0	0	0	0	0
0.003789	0	0	0	0	0	0
0.020919	0	0	0	0	0	0
0.007078	0	0	0	0	0	0
0.005522	0	0	0	0	0	0
0.005159	0	0	0	0	0	0
0.003958	0	0	0	0	0	0
0.011125	0	0	0	0	0	0
0.019088	0	0	0	0	0	0
0.09174	0	0	0	0	0	0
0.051352	0	0	0	0	0	0
0.03324	0	0	0	0	0	0
0.150189	0.02	0	0	0	0	0
0.031442	0	0	0	0	0	0
0.047818	0	0	0	0	0	0
0.053407	0	0	0	0	0	0
0.042771	0	0	0	0	0	0
0.036406	0	0	0	0	0	0
0.022218	0	0	0	0	0	0
0.020267	0	0	0	0	0	0
0.060079	0	0	0	0	0	0
0.038456	0	0	0	0	0	0
0.040633	0	0	0	0	0	0
0.029719	0	0	0	0	0	0
0.019329	0	0	0	0	0	0
0.018552	0	0	0	0	0	0

0.022984	0	0	0	0	0	0
0.011287	0	0	0	0	0	0
0.050202	0	0	0	0	0	0
0.02813	0	0	0	0	0	0
0.014124	0	0	0	0	0	0
0.008802	0	0	0	0	0	0
0.012437	0	0	0	0	0	0
0.047328	0	0	0	0	0	0
0.056239	0	0	0	0	0	0
0.037555	0	0	0	0	0	0
0.0321	0	0	0	0	0	0
0.045901	0	0	0	0	0	0
0.058325	0	0	0	0	0	0
0.011574	0	0	0	0	0	0
0.01261	0	0	0	0	0	0
0.009322	0	0	0	0	0	0
0.020165	0	0	0	0	0	0
0.005963	0	0	0	0	0	0
0.006681	0	0	0	0	0	0
0.006721	0	0	0	0	0	0
0.009355	0	0	0	0	0	0
0.007411	0	0	0	0	0	0
0.00469	0	0	0	0	0	0
0.020823	0	0	0	0	0	0
0.009758	0	0	0	0	0	0
0.006351	0	0	0	0	0	0
0.007901	0	0	0	0	0	0
0.006713	0	0	0	0	0	0
0.004342	0	0	0	0	0	0
0.002502	0	0	0	0	0	0
0.002813	0	0	0	0	0	0
0.003168	0	0	0	0	0	0
0.003637	0	0	0	0	0	0
0.017003	0	0	0	0	0	0
0.002052	0	0	0	0	0	0
0.00223	0	0	0	0	0	0
0.004259	0	0	0	0	0	0
0.020821	0	0	0	0	0	0
0.011959	0	0	0	0	0	0
0.009842	0	0	0	0	0	0
0.008137	0	0	0	0	0	0
0.007138	0	0	0	0	0	0
0.008909	0	0	0	0	0	0
0.043874	0	0	0	0	0	0
0.001295	0	0	0	0	0	0
0.009161	0	0	0	0	0	0
0.130191	0	0	0	0	0	0
0.055381	0	0	0	0	0	0
0.062559	0	0	0	0	0	0
0.045658	0	0	0	0	0	0



0.050976	0	0	0	0	0	0
0.066479	0	0	0	0	0	0
0.038705	0	0	0	0	0	0
0.21053	0.02	0	0	0	0	0
0.04786	0	0	0	0	0	0
0.053015	0	0	0	0	0	0
0.043899	0	0	0	0	0	0
0.062455	0	0	0	0	0	0
0.068754	0	0	0	0	0	0
0.091067	0	0	0	0	0	0
0.054971	0	0	0	0	0	0
0.051666	0	0	0	0	0	0
0.053272	0	0	0	0	0	0
0.00797	0	0	0	0	0	0
0.004233	0	0	0	0	0	0
0.0112	0	0	0	0	0	0
0.005288	0	0	0	0	0	0
0.011797	0	0	0	0	0	0
0.016505	0	0	0	0	0	0
0.00902	0	0	0	0	0	0
0.083482	0	0	0	0	0	0
0.009831	0	0	0	0	0	0
0.006005	0	0	0	0	0	0
0.009817	0	0	0	0	0	0
0.028201	0	0	0	0	0	0
0.009102	0	0	0	0	0	0
0.007624	0	0	0	0	0	0
0.006232	0	0	0	0	0	0
0.205451	0	0	0	0	0	0
0.071509	0	0	0	0	0	0
0.010284	0	0	0	0	0	0
0.01057	0	0	0	0	0	0
0.012549	0	0	0	0	0	0
0.008635	0	0	0	0	0	0
0.015136	0	0	0	0	0	0
0.012478	0	0	0	0	0	0
0.005874	0	0	0	0	0	0
0.007155	0	0	0	0	0	0
0.010316	0	0	0	0	0	0
0.007816	0	0	0	0	0	0
0.006393	0	0	0	0	0	0
0.00884	0	0	0	0	0	0
0.010026	0	0	0	0	0	0
0.011068	0	0	0	0	0	0
0.006376	0	0	0	0	0	0
0.004171	0	0	0	0	0	0
0.011314	0	0	0	0	0	0
0.001575	0	0	0	0	0	0
0.002627	0	0	0	0	0	0
0.001081	0	0	0	0	0	0

0.001028	0	0	0	0	0	0
0.005588	0	0	0	0	0	0
0.819347	0.37	0	0	0	0	0
0.010358	0	0	0	0	0	0
0.00732	0	0	0	0	0	0
0.01416	0	0	0	0	0	0
0.011927	0	0	0	0	0	0
0.013346	0	0	0	0	0	0
0.013155	0	0	0	0	0	0
0.009213	0	0	0	0	0	0
0.016426	0	0	0	0	0	0
0.00915	0	0	0	0	0	0
0.032149	0	0	0	0	0	0
0.01868	0	0	0	0	0	0
0.034374	0	0	0	0	0	0
0.011177	0	0	0	0	0	0
0.013054	0	0	0	0	0	0
0.01066	0	0	0	0	0	0
0.015872	0	0	0	0	0	0
0.011992	0	0	0	0	0	0
0.014279	0	0	0	0	0	0
0.014721	0	0	0	0	0	0
0.010722	0	0	0	0	0	0
0.044749	0	0	0	0	0	0
0.019888	0	0	0	0	0	0
0.004586	0	0	0	0	0	0
0.007183	0	0	0	0	0	0
0.010122	0	0	0	0	0	0
0.050162	0	0	0	0	0	0
0.018445	0	0	0	0	0	0
0.018408	0	0	0	0	0	0
0.020695	0	0	0	0	0	0
0.020425	0	0	0	0	0	0
0.026328	0	0	0	0	0	0
0.010221	0	0	0	0	0	0
0.010639	0	0	0	0	0	0
0.114261	0	0	0	0	0	0
0.035635	0	0	0	0	0	0
0.067898	0	0	0	0	0	0
0.03357	0	0	0	0	0	0
0.052675	0	0	0	0	0	0
0.038843	0	0	0	0	0	0
0.037266	0.14	0	0	0	0	0
0.030182	0	0	0	3	0	3
0.043856	0	0	0	0	0	0
0.034503	0	0	0	0	0	0
0.022928	0	0	0	0	5	5
0.017704	0	5	0	0	0	5
0.007492	0	0	0	0	0	0
0.099199	0	0	0	0	0	0

0.032245	0	0	0	0	0	0
0.017238	0	0	0	0	0	0
0.035979	0	0	0	0	0	0
0.024921	0	0	0	0	0	0
0.044798	0	0	0	0	0	0
0.088841	0	0	0	0	0	0
0.02047	0	0	0	0	0	0
0.02286	0	0	0	0	0	0
0.008362	0	0	0	0	0	0
0.020589	0	0	0	0	0	0
0.012499	0	0	0	0	0	0
0.014934	0	0	0	0	0	0
0.025562	0	0	0	0	0	0
0.009745	0	0	0	0	0	0
0.010715	0	0	0	0	0	0
0.027362	0.01	0	0	0	0	0
0.004988	0	0	0	0	0	0
0.010159	0	0	0	0	0	0
0.026146	0	0	0	0	0	0
0.016217	0	0	0	0	0	0
0.017405	0	0	0	0	0	0
0.010521	0	0	0	0	0	0
0.008077	0	0	0	0	0	0
0.006792	0	0	0	0	0	0
0.005515	0	0	0	0	0	0
0.005898	0	0	0	0	0	0
0.004333	0	0	0	0	0	0
0.014598	0	0	0	0	0	0
0.007383	0	0	0	0	0	0
0.004168	0	0	0	0	0	0
0.046885	0	0	0	0	0	0
0.014419	0	0	0	0	0	0
0.061142	0	0	0	0	0	0
0.00813	0	0	0	0	0	0
0.01682	0	0	0	0	0	0
0.008234	0	0	0	0	0	0
0.012624	0	0	0	0	0	0
0.014035	0	0	0	0	0	0
0.011496	0	0	0	0	0	0
0.009269	0	0	0	0	0	0
0.009563	0	0	0	0	0	0
0.009534	0	0	0	0	0	0
0.010286	0	0	0	0	0	0
0.007018	0	0	0	0	0	0
0.060753	0	0	0	0	0	0
0.042713	0	0	0	0	0	0
0.030643	0	0	0	0	0	0
0.017373	0	0	0	0	0	0
0.019262	0	0	0	0	0	0
0.017644	0	0	0	0	0	0

0.016587	0	0	0	0	0	0
0.014538	0	0	0	0	0	0
0.018403	0	0	0	0	0	0
0.015722	0	0	0	0	0	0
0.009895	0	0	0	0	0	0
0.045144	0	0	0	0	0	0
0.062101	0	0	0	0	0	0
0.010425	0	0	0	0	0	0
0.011066	0	0	0	0	0	0
0.009886	0	0	0	0	0	0
0.012252	0	0	0	0	0	0
0.007963	0	0	0	0	0	0
0.007621	0	0	0	0	0	0
0.015677	0	0	0	0	0	0
0.047449	0	0	0	0	0	0
0.060277	0	0	0	0	0	0
0.054642	0	0	0	0	0	0
0.071766	0	0	0	0	0	0
0.052746	0	0	0	0	0	0
0.02774	0	0	0	0	0	0
0.026385	0	0	0	0	0	0
0.189046	0	0	0	0	0	0
0.038413	0	0	0	0	0	0
0.027598	0	0	0	0	0	0
0.026895	0	0	0	0	0	0
0.083222	0	0	0	0	0	0
0.033902	0	0	0	0	0	0
0.022885	0	0	0	0	0	0
0.018154	0	0	0	0	0	0
0.012391	0	0	0	0	0	0
0.012414	0	0	0	0	0	0
0.011495	0	0	0	0	0	0
0.059604	0	0	0	0	0	0
0.027497	0	0	0	0	0	0
0.037733	0	0	0	0	0	0
0.009682	0	0	0	0	0	0
0.035404	0	0	0	0	0	0
0.089981	0	0	0	0	0	0
0.04299	0	0	0	0	0	0
0.047518	0	0	0	0	0	0
0.045224	0	0	0	0	0	0
0.026671	0	0	0	0	0	0
0.043678	0	0	0	0	0	0
0.029277	0	0	0	0	0	0
0.013118	0	0	0	0	0	0
0.011573	0	0	0	0	0	0
0.012676	0	0	0	0	0	0
0.006694	0	0	0	0	0	0
0.005661	0	0	0	0	0	0
0.005789	0	0	0	0	0	0

0.005788	0	0	0	0	0	0
0.007109	0	0	0	0	0	0
0.008427	0	0	0	0	0	0
0.032995	0	0	0	0	0	0
0.012138	0	0	0	0	0	0
0.017324	0	0	0	0	0	0
0.008923	0	0	0	0	0	0
0.002916	0	0	0	0	0	0
0.003981	0	0	0	0	0	0
0.002213	0	0	0	0	0	0
0.01493	0	0	0	0	0	0
0.013917	0	0	0	0	0	0
0.010209	0	0	0	0	0	0
0.013066	0	0	0	0	0	0
0.011289	0	0	0	0	0	0
0.007959	0	0	0	0	0	0
0.0057	0	0	0	0	0	0
0.012601	0	0	0	0	0	0
0.207913	0.01	0	0	0	0	0
0.030219	0	0	0	0	0	0
0.009658	0	0	0	0	0	0
0.008713	0	0	0	0	0	0
0.008349	0	0	0	0	0	0
0.032596	0	0	0	0	0	0
0.009671	0	0	0	0	0	0
0.01647	0	0	0	0	0	0
0.010181	0	0	0	0	0	0
0.00751	0	0	0	0	0	0
0.020975	0	0	0	0	0	0
0.005673	0	0	0	0	0	0
0.005601	0	0	0	0	0	0
0.007347	0	0	0	0	0	0
0.023805	0	0	0	0	0	0
0.023977	0	0	0	0	0	0
0.031247	0	0	0	0	0	0
0.009789	0	0	0	0	0	0
0.013097	0	0	0	0	0	0
0.015497	0	0	0	0	0	0
0.020118	0	0	0	0	0	0
0.019533	0	0	0	0	0	0
0.01109	0	0	0	0	0	0
0.011803	0	0	0	0	0	0
0.010893	0	0	0	0	0	0
0.095097	0	0	0	0	0	0
0.054262	0	0	0	0	0	0
0.062398	0	0	0	0	0	0
0.050122	0	0	0	0	0	0
0.048392	0	0	0	0	0	0
0.046262	0	0	0	0	0	0
0.096586	0	0	0	0	0	0

0.247408	0	0	0	0	0	0
0.057543	0	0	0	0	0	0
0.069241	0	0	0	0	0	0
0.041986	0	0	0	0	0	0
0.039971	0	0	0	0	0	0
0.036987	0	0	0	0	0	0
0.046543	0	0	0	0	0	0
0.031168	0	0	0	0	0	0
0.047517	0	0	0	0	0	0
0.043836	0	0	0	0	0	0
0.056432	0	0	0	0	0	0
0.069294	0	0	0	0	0	0
0.021169	0	0	0	0	0	0
0.044298	0	0	0	0	0	0
0.021318	0	0	0	0	0	0
0.022407	0	0	0	0	0	0
0.028641	0	0	0	0	0	0
0.037348	0	0	0	0	0	0
0.022634	0	0	0	0	0	0
0.017455	0	0	0	0	0	0
0.029172	0	0	0	0	0	0
0.014473	0	0	0	0	0	0
0.150601	0	0	0	0	0	0
0.011938	0	0	0	0	0	0
0.052614	0	0	0	0	0	0
0.096814	0	0	0	0	0	0
0.014913	0	0	0	0	0	0
0.022464	0	0	0	0	0	0
0.067453	0	0	0	0	0	0
0.102984	0	0	0	0	0	0
0.035327	0	0	0	0	0	0
0.051205	0	0	0	0	0	0
0.021683	0	0	0	0	0	0
0.01578	0	0	0	0	0	0
0.176733	0.03	0	0	0	0	0
0.04575	0	0	0	0	0	0
0.023589	0	0	0	0	0	0
0.030339	0	0	0	0	0	0
0.032994	0	0	0	0	0	0
0.015278	0	0	0	0	0	0
0.015518	0	0	0	0	0	0
0.013721	0	0	0	0	0	0
0.014906	0	0	0	0	0	0
0.053456	0	0	0	0	0	0
0.032243	0	0	0	0	0	0
0.007987	0	0	0	0	0	0
0.161413	0.04	0	0	0	0	0
0.022237	0	0	0	0	0	0
0.015265	0	0	0	0	0	0
0.065981	0	0	0	0	0	0

0.048972	0	0	0	0	0	0
0.04394	0	0	0	0	0	0
0.077646	0	0	0	0	0	0
0.014464	0	0	0	0	0	0
0.015877	0	0	0	0	0	0
0.013406	0	0	0	0	0	0
0.030283	0	0	0	0	0	0
0.027933	0	0	0	0	0	0
0.06054	0	0	0	0	0	0
0.081072	0	0	0	0	9	9
0.122538	0	9	0	0	0	9
0.037979	0	0	0	0	0	0
0.065409	0	0	0	0	0	0
0.065554	0	0	0	0	0	0
0.059638	0	0	0	0	0	0
0.065893	0	0	0	0	0	0
0.046998	0	0	0	0	0	0
0.042766	0	0	0	0	0	0
0.06083	0	0	0	0	0	0
0.053211	0	0	0	0	0	0
0.047491	0	0	0	0	0	0
0.042644	0	0	0	0	0	0
0.033721	0	0	0	0	0	0
0.050062	0	0	0	0	0	0
0.033587	0	0	0	0	0	0
0.032838	0	0	0	0	0	0
0.034035	0	0	0	0	0	0
0.063827	0	0	0	0	0	0
0.040642	0	0	0	0	0	0
0.213168	0	0	0	0	0	0
0.187296	0	0	0	0	0	0
0.033068	0	0	0	0	0	0
0.032018	0	0	0	0	0	0
0.026653	0	0	0	0	0	0
0.033783	0	0	0	0	0	0
0.018765	0	0	0	0	0	0
0.020329	0	0	0	0	0	0
0.016247	0	0	0	0	0	0
0.018858	0	0	0	0	0	0
0.037142	0	0	0	0	0	0
0.017107	0	0	0	0	0	0
0.042577	0	0	0	0	0	0
0.038899	0.01	0	0	0	0	0
0.071481	0	0	0	0	0	0
0.025275	0	0	0	0	0	0
0.014254	0	0	0	0	0	0
0.010457	0	0	0	0	0	0
0.01086	0	0	0	0	0	0
0.047415	0	0	0	0	0	0
0.013181	0	0	0	0	0	0

0.01804	0	0	0	0	0	0
0.007829	0	0	0	0	0	0
0.013339	0	0	0	0	0	0
0.019637	0	0	0	0	0	0
0.060774	0	0	0	0	0	0
0.029883	0	0	0	0	0	0
0.047484	0	0	0	0	0	0
0.004246	0	0	0	0	0	0
0.024772	0	0	0	0	0	0
0.067295	0	0	0	0	0	0
0.050704	0	0	0	0	0	0
0.008117	0	0	0	0	0	0
0.018934	0	0	0	0	0	0
0.059894	0	0	0	0	0	0
0.006831	0	0	0	0	0	0
0.00275	0	0	0	0	0	0
0.001811	0	0	0	0	0	0
0.01981	0.02	0	10	0	0	10
0.005712	0	0	0	0	0	0
0.006041	0	0	0	0	0	0
0.002602	0	0	0	0	0	0
0.009098	0.01	0	0	0	0	0
0.007526	0	0	0	0	0	0
0.01151	0	0	0	0	0	0
0.013284	0	0	0	0	0	0
0.003129	0	0	0	0	0	0
0.023681	0	0	0	0	0	0
0.021544	0	0	0	0	0	0
0.006642	0	0	0	0	0	0
0.00296	0	0	0	0	0	0
0.021077	0	0	0	0	0	0
0.003273	0	0	0	0	0	0
0.005838	0	0	0	0	0	0
0.003774	0	0	0	0	0	0
0.00397	0	0	0	0	0	0
0.031477	0	0	0	0	0	0
0.014266	0	0	0	0	0	0
0.011078	0	0	0	0	0	0
0.008854	0	0	0	0	0	0
0.019276	0	0	0	0	0	0
0.008427	0	0	0	0	0	0
0.054431	0	0	0	0	0	0
0.012873	0	0	0	0	0	0
0.037171	0	0	0	0	0	0
0.036187	0	0	0	0	0	0
0.015398	0	0	0	0	0	0
0.01594	0	0	0	0	0	0
0.009361	0	0	0	0	0	0
0.014108	0	0	0	0	0	0
0.022927	0	0	0	0	0	0



0.010695	0	0	0	0	0	0
0.066063	0	0	0	0	0	0
0.013378	0	0	0	0	0	0
0.112977	0	0	0	0	0	0
0.024753	0	0	0	0	0	0
0.015298	0	0	0	0	0	0
0.03913	0	0	0	0	0	0
0.364539	0	0	0	0	0	0
0.043664	0	0	0	0	0	0
0.054173	0	0	0	0	0	0
0.011534	0	0	0	0	0	0
0.056025	0.01	0	0	0	0	0
0.047545	0	0	0	0	0	0
0.053576	0	0	0	0	0	0
0.047357	0	0	0	0	0	0
0.027883	0	0	0	0	0	0
0.029799	0	0	0	0	0	0
0.025456	0	0	0	0	0	0
0.021525	0	0	0	0	0	0
0.015646	0	0	0	0	0	0
0.022808	0	0	0	0	0	0
0.022254	0	0	0	0	0	0
0.015769	0	0	0	0	0	0
0.006609	0	0	0	0	0	0
0.007922	0	0	0	0	0	0
0.004561	0	0	0	0	0	0
0.021613	0	0	0	0	0	0
0.014729	0	0	0	0	0	0
0.012214	0	0	0	0	0	0
0.025127	0	0	0	0	0	0
0.015027	0	0	0	0	0	0
0.032345	0	0	0	0	0	0
0.003377	0	0	0	0	0	0
0.071725	0	0	0	0	0	0
0.05214	0	0	0	0	0	0
0.041379	0	0	0	0	0	0
0.057538	0	0	0	0	0	0
0.048681	0	0	0	0	0	0
0.062025	0	0	0	0	0	0
0.101244	0	0	0	0	0	0
0.048518	0	0	0	0	0	0
0.030492	0	0	0	0	0	0
0.013733	0	0	0	0	0	0
0.021432	0	0	0	0	0	0
0.054326	0	0	0	0	0	0
0.022642	0	0	0	0	0	0
0.037188	0	0	0	0	0	0
0.031882	0	0	0	0	0	0
0.078888	0	0	0	0	0	0
0.037166	0	0	0	0	0	0

0.036911	0	0	0	0	0	0
0.0215	0	0	0	0	0	0
0.024046	0	0	0	0	0	0
0.017766	0	0	0	0	0	0
0.026011	0	0	0	0	0	0
0.013463	0	0	0	0	0	0
0.658861	0	0	0	0	0	0
0.621767	0	0	0	0	0	0
0.002969	0	0	0	0	0	0
0.006002	0	0	0	0	0	0
0.016857	0	0	0	0	0	0
0.006612	0	0	0	0	0	0
0.001474	0	0	0	0	0	0
0.063392	0	0	0	0	0	0
0.026335	0	0	0	0	0	0
0.19255	0	0	0	0	0	0
0.065512	0	0	0	0	0	0
0.044747	0	0	0	0	0	0
0.071075	0	0	0	0	0	0
0.102787	0	0	0	0	0	0
0.030854	0	0	0	0	0	0
0.015067	0	0	0	0	0	0
0.035776	0	0	0	0	0	0
0.030138	0.08	0	0	0	0	0
0.021731	0	0	0	0	0	0
0.017886	0	0	0	0	0	0
0.015293	0	0	0	0	0	0
0.016492	0	0	0	0	0	0
0.011673	0	0	0	0	0	0
0.312387	0.11	0	0	0	0	0
0.452345	0.19	0	0	0	0	0
0.025709	0	0	0	0	0	0
0.02533	0	0	0	0	0	0
0.043766	0	0	0	0	0	0
0.058685	0	0	0	0	0	0
0.037366	0	0	0	0	0	0
0.023535	0	0	0	0	0	0
0.015258	0	0	0	0	0	0
0.018896	0	0	0	0	0	0
0.024891	0	0	0	0	0	0
0.011556	0	0	0	0	0	0
0.013652	0	0	0	0	0	0
0.008752	0	0	0	0	0	0
0.004344	0	0	0	0	0	0
0.003025	0	0	0	0	0	0
0.002549	0	0	0	0	0	0
0.000503	0	0	0	0	0	0
0.005725	0	0	6	0	5	11
0.000685	0	5	0	0	0	5
0.001416	0	0	0	0	0	0

0.001355	0	0	0	0	0	0
0.026876	0	0	0	0	0	0
0.01839	0	1	0	0	0	1
0.038954	0	0	0	0	0	0
0.007761	0.01	0	0	0	0	0
0.153698	0.07	0	6	5	0	11
0.009598	0	0	0	0	0	0
0.068368	0.11	0	0	0	7	7
0.010249	0	7	0	0	0	7
0.003964	0	0	0	0	0	0
0.003831	0	0	0	0	0	0
0.022684	0	0	0	0	0	0
0.177647	0.14	0	0	0	0	0
0.019822	0	0	0	0	0	0
0.022685	0	0	0	0	0	0
0.033105	0	0	0	0	0	0
0.026606	0	0	0	0	0	0
0.017847	0	0	0	0	0	0
0.047951	0	0	0	0	0	0
0.02031	0	0	0	0	1	1
0.045454	0	0	0	0	0	0
0.131214	0	0	0	0	0	0
0.066011	0	0	0	0	0	0
0.004719	0	0	0	0	0	0
0.00979	0	0	0	0	0	0
0.002575	0	0	0	0	0	0
0.004092	0	0	0	0	0	0
0.003695	0	0	0	0	0	0
0.003442	0	0	0	0	0	0
0.003856	0	0	0	0	0	0
0.003089	0	0	0	0	0	0
0.003153	0	0	0	0	0	0
0.004054	0	0	0	0	0	0
0.021725	0	0	0	0	0	0
0.17354	0	0	0	0	0	0
0.022346	0	0	0	0	0	0
0.006364	0	0	0	0	0	0
0.009531	0	0	0	0	0	0
0.005765	0	0	0	0	0	0
0.01582	0	0	0	0	0	0
0.010936	0	0	0	0	0	0
0.003962	0	0	0	0	0	0
0.011668	0	0	0	0	0	0
0.015518	0	0	0	0	0	0
0.008703	0	0	0	0	0	0
0.015451	0	0	0	0	0	0
0.012644	0	0	0	0	0	0
0.010807	0	0	0	0	0	0
0.010571	0	0	0	0	0	0
0.01799	0	0	0	0	0	0

0.007759	0	0	0	0	0	0
0.012915	0	0	0	0	0	0
0.006636	0	0	0	0	0	0
0.014398	0	0	0	0	0	0
0.009288	0	0	0	0	0	0
0.025476	0	0	0	0	0	0
0.021827	0	0	0	0	0	0
0.017161	0	0	0	0	0	0
0.016073	0	0	0	0	0	0
0.01275	0	0	0	0	0	0
0.035685	0	0	0	0	0	0
0.042454	0	0	0	0	0	0
0.014374	0	0	0	0	0	0
0.012014	0	0	0	0	0	0
0.015908	0	0	0	0	0	0
0.009555	0	0	0	0	0	0
0.014071	0	0	0	0	0	0
0.019626	0	0	0	0	0	0
0.001165	0	0	0	0	4	4
0.001287	0	4	0	0	0	4
0.001673	0	0	0	0	0	0
0.023728	0	0	0	0	0	0
0.011761	0	0	4	0	0	4
0.002622	0	0	0	0	3	3
0.007594	0	3	0	0	0	3
0.007023	0	0	0	0	0	0
0.031225	0	0	0	0	0	0
0.025294	0.01	0	0	0	0	0
0.002112	0	0	0	0	5	5
0.002277	0	0	0	0	0	0
0.001323	0	0	0	0	0	0
0.001546	0	0	0	0	5	5
0.00184	0	5	0	0	0	5
0.004634	0	0	0	0	0	0
0.002622	0	0	0	0	7	7
0.013822	0	7	0	0	0	7
0.04213	0	0	0	0	0	0
0.105048	0	0	0	0	0	0
0.039401	0	0	0	0	0	0
0.067567	0	0	0	0	0	0
0.059508	0	0	0	0	0	0
0.077487	0	0	0	0	0	0
0.035464	0	0	0	0	0	0
0.032515	0	0	0	0	0	0
0.056424	0	0	0	0	0	0
0.387617	0	0	0	0	0	0
0.067507	0	0	0	0	0	0
0.142227	0	0	0	0	0	0
0.031582	0	0	0	0	0	0
0.062785	0	0	0	0	0	0

0.148858	0	0	0	0	0	0
0.025815	0	0	0	0	0	0
0.032996	0	0	0	0	0	0
0.022948	0	0	0	0	0	0
0.014651	0	0	0	0	0	0
0.015158	0	0	0	0	0	0
0.028076	0	0	0	0	0	0
0.031304	0	0	0	0	0	0
0.046948	0	0	0	0	0	0
0.075904	0	0	0	0	2	2
0.123269	0	2	1	0	0	3
0.085001	0	0	0	0	0	0
0.096621	0	0	0	0	0	0
0.091263	0	0	0	0	0	0
0.065703	0	0	0	0	0	0
0.008042	0	0	0	0	0	0
0.001356	0	0	0	0	0	0
0.007759	0	0	0	0	0	0
0.0212	0	0	0	0	0	0
0.003051	0	0	0	0	0	0
0.01361	0	0	0	0	0	0
0.004266	0	0	0	0	0	0
0.004594	0	0	0	0	0	0
0.003745	0	0	0	0	0	0
0.00503	0	0	0	0	0	0
0.003384	0	0	0	0	0	0
0.002695	0	0	0	0	0	0
0.002602	0	0	0	0	0	0
0.062693	0	12	0	0	0	12
0.060059	0	0	0	0	0	0
0.055826	0	0	0	0	0	0
0.037996	0	0	0	0	0	0
0.053881	0	0	0	0	0	0
0.029327	0	0	0	0	0	0
0.09077	0	0	0	0	0	0
0.071963	0	0	0	0	0	0
0.053083	0	0	0	0	0	0
0.048859	0	0	0	0	0	0
0.056506	0	0	0	0	0	0
0.011602	0	0	0	0	0	0
0.011378	0	0	0	0	0	0
0.009678	0	0	0	0	0	0
0.010624	0	0	0	0	0	0
0.007276	0	0	0	0	0	0
0.029692	0	0	0	0	0	0
0.024948	0	0	0	0	0	0
0.005064	0	0	0	0	0	0
0.044575	0	0	0	0	0	0
0.01201	0	0	0	0	0	0
0.003583	0	0	0	0	0	0

0.009704	0	0	0	0	0	0
0.013991	0	0	0	0	0	0
0.008835	0	0	0	0	0	0
0.008408	0	0	0	0	0	0
0.008989	0	0	0	0	0	0
0.343584	0	0	0	0	0	0
0.015591	0	0	0	0	0	0
0.019444	0	0	0	0	2	2
0.179761	0	0	0	0	0	0
0.46478	0	0	0	0	0	0
0.128508	0	0	0	0	0	0
0.097166	0	0	0	0	0	0
0.330822	0	0	0	0	0	0
0.061294	0	0	0	0	0	0
0.049626	0	0	0	0	0	0
0.053869	0	0	0	0	0	0
0.144295	0	0	0	0	0	0
0.077721	0	0	0	0	0	0
0.176983	0	0	0	0	0	0
0.164736	0	0	0	0	0	0
0.213459	0	0	0	0	0	0
0.040362	0	0	0	0	0	0
0.272706	0	0	0	0	0	0
0.214994	0	0	0	0	0	0
0.049369	0	0	0	0	0	0
0.049786	0	0	0	0	0	0
0.00244	0	0	0	0	0	0
0.002829	0	0	0	0	0	0
0.086647	0	0	0	0	0	0
0.056231	0	0	0	0	0	0
0.055402	0	0	0	0	0	0
0.104607	0	0	0	0	0	0
0.03095	0	0	0	0	0	0
0.038045	0	0	0	0	0	0
0.03302	0	0	0	0	0	0
0.032738	0	0	0	0	0	0
0.040246	0	0	0	0	0	0
0.00819	0	0	2	0	0	2
0.003671	0	1	0	0	0	1
0.003509	0	0	0	0	0	0
0.006695	0	0	0	0	0	0
0.005132	0	0	0	0	0	0
0.003909	0	0	0	0	0	0
0.003713	0	0	0	0	0	0
0.003405	0	0	0	0	0	0
0.004529	0	0	0	0	0	0
0.003408	0	0	0	0	0	0
0.002629	0	0	0	0	0	0
0.005854	0	0	0	0	0	0
0.004865	0	0	0	0	0	0

0.005744	0	0	0	0	0	0
0.004217	0	0	0	0	0	0
0.001591	0	0	0	0	0	0
0.005631	0	0	0	0	0	0
0.004585	0	0	0	0	0	0
0.005348	0	0	0	0	0	0
0.004116	0	0	0	0	5	5
0.004249	0	5	0	0	0	5
0.005542	0	0	0	0	0	0
0.006202	0	0	0	0	1	1
0.007358	0	0	0	0	0	0
0.011266	0	0	0	0	0	0
0.039352	0	0	0	0	0	0
0.193899	0	6	0	0	0	6
0.160568	0	0	0	0	0	0
0.217878	0	0	0	0	0	0
0.054593	0	1	0	0	0	1
0.052569	0	0	0	7	0	7
0.095055	0	0	0	0	0	0
0.009062	0	0	0	0	0	0
0.007883	0	0	0	0	0	0
0.036024	0	0	0	0	0	0
0.19493	0	0	0	0	0	0
0.130424	0	0	0	0	0	0
0.020058	0	0	0	0	0	0
0.093327	0	0	0	0	0	0
0.102607	0	0	0	0	0	0
0.034517	0	0	0	0	0	0
0.029913	0	0	0	2	0	2
0.038677	0	0	0	0	0	0
0.032775	0	0	0	0	0	0
0.029456	0	0	0	0	0	0
0.021105	0	0	0	0	0	0
0.037214	0	0	0	0	0	0
0.022634	0	0	0	0	0	0
0.026533	0	0	0	0	0	0
0.026515	0	0	0	0	0	0
0.024542	0	0	0	0	0	0
0.030652	0	0	0	0	0	0
0.026698	0	0	0	0	0	0
0.016416	0	0	0	0	0	0
0.014592	0	0	0	0	0	0
0.023112	0	0	0	0	0	0
0.025828	0	0	0	0	0	0
0.017466	0	0	0	0	0	0
0.01808	0	0	0	0	0	0
0.01889	0	0	0	0	0	0
0.014333	0	0	0	0	0	0
0.029401	0	0	0	0	0	0
0.012513	0	0	0	0	0	0

0.016329	0	0	0	0	0	0
0.009158	0	0	0	0	0	0
0.053963	0	0	0	0	0	0
0.007351	0	0	0	0	0	0
0.018766	0	0	0	0	0	0
0.020299	0	0	0	0	0	0
0.06913	0	0	0	0	0	0
0.017515	0	0	0	0	0	0
0.008149	0	0	0	0	0	0
0.00658	0	0	0	0	0	0
0.009848	0	0	0	0	0	0
0.034286	0	0	0	0	0	0
0.009933	0	0	0	0	0	0
0.039719	0	0	0	0	0	0
0.002621	0	0	0	0	0	0
0.011563	0	0	0	0	0	0
0.008807	0	0	0	0	0	0
0.037878	0	0	0	0	0	0
0.030136	0	0	0	0	0	0
0.038411	0	0	0	0	0	0
0.03337	0	0	0	0	0	0
0.038954	0	0	0	0	0	0
0.019414	0	0	0	0	0	0
0.024247	0	0	0	0	0	0
0.01642	0	0	0	0	0	0
0.021618	0	0	0	0	0	0
0.003566	0	0	0	0	0	0
0.001483	0	0	0	0	0	0
0.007232	0	0	0	0	0	0
0.003498	0	0	0	0	0	0
0.004775	0	0	0	0	0	0
0.038965	0	0	0	0	0	0
0.011137	0	0	0	0	0	0
0.007186	0	0	0	0	0	0
0.011739	0	0	0	0	0	0
0.019465	0	0	0	0	0	0
0.033075	0	0	0	0	0	0
0.018373	0	0	0	0	0	0
0.015511	0	0	0	0	0	0
0.022422	0	0	0	0	0	0
0.018784	0	0	0	0	0	0
0.006002	0	0	0	0	1	1
0.007954	0	1	0	0	0	1
0.006354	0	0	0	0	0	0
0.061359	0	0	0	0	0	0
0.00476	0	0	0	0	0	0
0.061546	0.03	0	0	0	0	0
0.005164	0	0	0	0	0	0
0.004858	0	0	0	0	0	0
0.001662	0	0	0	0	9	9



0.001389	0	9	0	0	0	9
0.00144	0	0	0	0	0	0
0.007025	0	0	0	7	0	7
0.002744	0	0	0	0	0	0
0.009227	0	0	0	0	20	20
0.364682	0.06	20	0	5	0	25
0.004838	0	0	6	0	0	6
0.010643	0	0	0	0	0	0
0.004716	0	0	0	0	0	0
0.005124	0	0	0	0	0	0
0.00346	0	0	0	0	0	0
0.004266	0	0	0	0	0	0
0.005133	0	0	0	0	4	4
0.0623	0	4	0	0	0	4
0.047397	0	0	0	0	0	0
0.004043	0	0	0	0	0	0
0.010871	0	0	0	0	0	0
0.001714	0	0	0	0	0	0
0.002561	0	0	0	0	0	0
0.001821	0	0	0	0	0	0
0.00711	0	0	0	0	0	0
0.01032	0	0	0	0	0	0
0.002573	0	0	0	0	0	0
0.006602	0	0	0	0	0	0
0.005635	0	0	0	0	0	0
0.01733	0	0	0	0	0	0
0.003997	0	0	0	0	0	0
0.000293	0	0	0	0	0	0
0.000491	0	1	0	0	0	1
0.000628	0	0	0	0	0	0
0.002184	0	0	0	0	0	0
0.001063	0	0	0	0	0	0
0.972327	0	0	0	0	0	0
0.003101	0	1	0	16	0	17
0.000042	0	0	0	0	0	0
0.001889	0	0	0	0	0	0
0.001812	0	0	12	12	0	24
0.017146	0	0	0	0	0	0
0.026574	0	0	0	0	0	0
0.018789	0.01	0	0	0	0	0
0.009933	0	0	0	0	0	0
0.027165	0	0	0	0	0	0
0.041854	0	0	0	0	0	0
0.015525	0	0	0	0	0	0
0.039129	0	0	0	0	0	0
0.032631	0	0	0	0	0	0
0.057277	0	0	0	0	0	0
0.046768	0	0	0	0	0	0
0.043537	0	0	0	0	0	0
0.109867	0	0	0	0	0	0

0.058692	0	0	0	0	0	0
0.048335	0	0	0	0	0	0
0.043706	0	0	0	0	0	0
0.037832	0	0	0	0	0	0
0.041071	0	0	0	0	0	0
0.051102	0	0	0	0	0	0
0.022822	0	0	0	0	0	0
0.027207	0	0	0	0	0	0
0.021009	0	0	0	0	0	0
0.039101	0	0	0	0	0	0
0.02581	0	0	0	0	0	0
0.049168	0	0	0	0	0	0
0.015108	0	0	0	0	0	0
0.015156	0	0	0	0	0	0
0.003679	0	0	0	0	0	0
0.003649	0	0	0	0	0	0
0.003027	0	0	0	0	0	0
0.003288	0	0	0	0	0	0
0.001537	0	0	0	0	0	0
0.006292	0	0	0	0	0	0
0.007991	0	0	0	0	0	0
0.008941	0	0	0	0	0	0
0.013857	0	0	0	0	0	0
0.035	0	0	0	0	0	0
0.010333	0	0	0	0	0	0
0.005525	0	0	0	0	0	0
0.020771	0	0	0	0	0	0
0.025377	0	0	0	0	0	0
0.090709	0	0	0	0	0	0
0.041446	0	0	0	0	0	0
0.020971	0	0	0	0	0	0
0.013039	0	0	0	0	0	0
0.007093	0	0	0	0	3	3
0.010347	0	3	0	0	0	3
0.025847	0	0	0	0	0	0
0.019746	0	0	0	0	0	0
0.015398	0	0	0	0	0	0
0.012054	0	0	0	0	0	0
0.012711	0	0	0	0	0	0
0.02235	0	0	0	0	0	0
0.055317	0	0	0	0	0	0
0.034887	0	0	0	0	0	0
0.026689	0	0	0	0	0	0
0.017427	0	0	0	0	0	0
0.00107	0	0	0	0	0	0
0.013374	0	0	0	0	0	0
0.345532	0	0	0	0	0	0
0.22879	0	0	0	0	0	0
0.099143	0	0	0	0	0	0
0.012681	0	0	0	0	0	0

0.014503	0	0	0	0	0	0
0.017807	0	0	0	0	0	0
0.055601	0	0	0	0	0	0
0.010074	0	0	0	0	0	0
0.005776	0	0	0	0	0	0
0.033651	0	0	0	0	0	0
0.014981	0	0	0	0	0	0
0.009103	0	0	0	0	0	0
0.006917	0	0	0	0	0	0
0.005825	0	0	0	0	0	0
0.005492	0	0	0	0	0	0
0.04182	0	0	0	0	0	0
0.009827	0	0	0	0	0	0
0.271068	0	0	0	0	0	0
0.005442	0	0	0	0	0	0
0.006085	0	0	0	0	0	0
0.038591	0	0	0	0	0	0
0.010341	0	0	0	0	0	0
0.00662	0	0	0	0	0	0
0.007769	0	0	0	0	0	0
0.005516	0	0	0	0	0	0
0.00655	0	0	0	0	0	0
0.003587	0	0	0	0	0	0
0.030906	0	0	0	0	0	0
0.020436	0	0	0	0	0	0
0.012185	0	0	0	0	0	0
0.006732	0	0	0	0	0	0
0.050889	0	0	0	0	0	0
0.017731	0	0	0	0	0	0
0.013631	0	0	0	0	0	0
0.060718	0	0	0	0	0	0
0.044533	0	0	0	0	0	0
0.019429	0	0	0	0	0	0
0.023159	0	0	0	0	0	0
0.014254	0	0	0	0	0	0
0.015032	0	0	0	0	0	0
0.242867	0	0	0	0	0	0
0.011349	0	0	0	0	0	0
0.013251	0	0	0	0	0	0
0.012733	0	0	0	0	0	0
0.024507	0	0	0	0	0	0
0.036312	0	0	0	0	0	0
0.028061	0	0	0	0	0	0
0.017693	0	0	0	0	0	0
0.00778	0	0	0	0	0	0
0.0119	0	0	0	0	0	0
0.007453	0	0	0	0	0	0
0.018712	0	0	0	0	0	0
0.017777	0	0	0	0	0	0
0.104904	0	0	0	0	0	0

0.072833	0	0	0	0	0	0
0.095837	0	0	0	0	0	0
0.087621	0	0	0	0	0	0
0.041598	0	0	0	0	0	0
0.022193	0	0	0	0	0	0
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0.027123	0	0	0	0	0	0
0.032211	0	0	0	0	0	0
0.147987	0	0	0	0	0	0
0.057239	0	0	0	0	0	0
0.026954	0	0	0	0	0	0
0.036995	0	0	0	0	0	0
0.008339	0	0	0	0	0	0
0.014261	0	0	0	0	0	0
0.058332	0	0	0	0	0	0
0.035837	0	0	0	0	0	0
0.062235	0	0	0	0	0	0
0.037227	0	0	0	0	0	0
0.046742	0	0	0	0	0	0
0.038255	0.01	0	0	0	0	0
0.005459	0	0	0	0	0	0
0.026522	0	0	0	0	0	0
0.017834	0	0	0	0	0	0
0.017283	0	0	0	0	0	0
0.014105	0	0	0	0	0	0
0.021478	0	0	0	0	0	0
0.005764	0	0	0	0	0	0
0.004498	0	0	0	0	0	0
0.049241	0	0	0	0	0	0
0.051668	0.02	0	0	0	0	0
0.058877	0	0	0	0	0	0
0.069913	0	0	0	0	0	0
0.047748	0	0	0	0	0	0
0.022133	0	0	0	0	0	0
0.029477	0	0	0	0	0	0
0.073615	0.01	0	0	0	0	0
0.007794	0	0	0	0	0	0
0.033812	0	0	0	0	0	0
0.008694	0	0	0	0	0	0
0.010763	0	0	0	0	0	0
0.012934	0	0	0	0	0	0
0.008308	0	0	0	0	0	0
0.006739	0	0	0	0	0	0
0.017931	0	0	0	0	0	0
0.023757	0	0	0	0	0	0
0.006171	0	0	0	0	0	0
0.006877	0	0	0	0	0	0
0.045722	0	0	0	0	0	0
0.019857	0	0	0	0	0	0
0.012711	0	0	0	0	0	0

0.011012	0	0	0	0	0	0
0.007664	0	0	0	0	0	0
0.020375	0	0	0	0	0	0
0.005535	0	0	0	0	0	0
0.007374	0	0	0	0	0	0
0.031578	0	0	0	0	0	0
0.118328	0	0	0	0	0	0
0.164053	0	0	0	0	0	0
0.032926	0	0	0	0	0	0
0.037561	0	0	0	0	0	0
0.067312	0	0	3	0	0	3
0.032651	0	0	0	0	0	0
0.089366	0	0	0	0	0	0
0.051495	0	0	0	0	0	0
0.047521	0	0	0	0	0	0
0.093261	0	0	0	0	0	0
0.0377	0	0	0	0	0	0
0.036004	0	0	0	0	0	0
0.031047	0	0	0	0	0	0
0.033575	0	0	0	0	0	0
0.032544	0	0	0	0	0	0
0.080088	0	0	0	0	0	0
0.048381	0	0	0	0	0	0
0.085729	0	0	0	0	0	0
0.130656	0	0	0	0	0	0
0.050554	0	0	0	0	0	0
0.046675	0	0	0	0	0	0
0.044153	0	0	0	0	0	0
0.057475	0	0	0	0	0	0
0.035646	0	0	0	0	0	0
0.024307	0	0	0	0	0	0
0.058007	0	0	0	0	0	0
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0.016651	0	0	0	0	0	0
0.028434	0	0	0	0	0	0
0.018319	0	0	0	0	0	0
0.01663	0	0	0	0	0	0
0.014676	0	0	0	0	0	0
0.011848	0	0	0	0	0	0
0.062687	0	0	0	0	0	0
0.035749	0	0	0	0	0	0
0.030398	0	0	0	0	0	0
0.086566	0	0	0	0	0	0
0.058363	0	0	0	0	0	0
0.059806	0	0	0	0	0	0
0.041341	0	0	0	0	0	0
0.005731	0	0	0	0	0	0
0.002443	0	0	0	0	0	0
0.001425	0	0	0	0	0	0
0.073624	0	0	0	0	0	0

0.026945	0	0	0	0	0	0
0.034211	0	0	0	0	0	0
0.051887	0	0	0	0	0	0
0.020438	0	0	0	0	0	0
0.088296	0	0	0	0	0	0
0.022339	0	0	0	0	0	0
0.040872	0	0	0	0	0	0
0.036078	0	0	0	0	0	0
0.046761	0	0	0	0	0	0
0.225549	0	0	0	0	0	0
0.04768	0	0	0	0	0	0
0.066555	0	0	0	0	0	0
0.02346	0	0	0	0	0	0
0.027844	0	0	0	0	0	0
0.034788	0	0	0	0	0	0
0.024638	0.01	0	0	0	0	0
0.045483	0	0	0	0	0	0
0.142861	0.02	0	0	0	0	0
0.041323	0	0	0	0	0	0
0.005237	0	0	0	0	0	0
0.002174	0	0	0	0	0	0
0.002282	0	0	0	0	0	0
0.009338	0	0	0	0	0	0
0.012722	0	0	0	0	0	0
0.003997	0	0	0	0	0	0
0.003756	0	0	0	0	0	0
0.015251	0	0	0	0	0	0
0.004599	0	0	0	0	0	0
0.009888	0	0	3	0	0	3
0.004469	0	0	0	0	0	0
0.034528	0	0	0	0	0	0
0.012809	0	0	0	0	0	0
0.002946	0	0	0	0	0	0
0.01663	0	0	0	0	0	0
0.008703	0	0	0	0	0	0
0.134829	0	0	0	0	0	0
0.02661	0	0	0	0	0	0
0.007114	0	0	0	0	0	0
0.085117	0	0	0	0	0	0
0.004779	0	0	0	0	0	0
0.016117	0	0	0	0	0	0
0.027831	0	0	0	0	0	0
0.005736	0	0	0	0	0	0
0.006708	0	0	0	0	0	0
0.00466	0	0	0	0	0	0
0.005665	0	0	0	0	0	0
0.006444	0	0	0	0	0	0
0.023782	0	0	0	0	0	0
0.011726	0	0	0	0	0	0
0.019083	0	0	0	0	0	0

0.019538	0	0	0	0	0	0
0.012753	0	0	0	0	0	0
0.005839	0	0	0	0	0	0
0.009447	0	0	0	0	0	0
0.00476	0	0	0	0	0	0
0.006364	0	0	0	0	0	0
0.006984	0	0	0	0	0	0
0.004458	0	0	0	0	0	0
0.01444	0	0	0	0	0	0
0.014196	0.02	0	0	0	0	0
0.005221	0	0	0	0	0	0
0.004043	0	0	0	0	0	0
0.008356	0	0	0	0	0	0
0.024537	0	0	0	0	0	0
0.056028	0	0	0	0	0	0
0.348866	0	0	0	0	0	0
0.028728	0	0	0	0	0	0
0.054801	0	0	0	0	0	0
0.072805	0	0	0	0	0	0
0.389732	0.1	0	0	0	0	0
0.191299	0	0	0	0	0	0
0.064932	0	0	0	0	0	0
0.064189	0	0	0	0	0	0
0.012366	0	0	0	0	0	0
0.015766	0	0	0	0	0	0
0.013109	0	0	0	0	3	3
0.050715	0	3	0	0	0	3
0.600939	0	0	0	0	0	0
0.003537	0	0	0	0	0	0
0.005806	0	0	0	0	0	0
0.015349	0	0	0	0	0	0
0.00772	0	0	0	0	0	0
0.008733	0	0	0	0	0	0
0.000658	0	0	0	0	0	0
0.000261	0	0	0	0	0	0
0.000299	0	0	0	0	0	0
0.000263	0	0	0	0	0	0
0.008047	0	0	0	0	0	0
0.245069	0	0	4	0	0	4
0.116834	0	0	0	0	0	0
0.166957	0	0	0	0	0	0
0.325086	0	0	0	0	0	0
0.156661	0	0	0	0	0	0
0.301402	0	0	0	0	0	0
0.17827	0	0	0	0	0	0
0.167647	0	0	0	0	0	0
0.874796	0	0	0	0	0	0
0.223628	0	0	0	0	0	0
0.003589	0	4	1	0	0	5
0.005365	0	0	0	0	0	0

0.008933	0	0	0	0	0	0
0.034591	0	0	0	0	0	0
0.002601	0	0	0	0	0	0
0.020093	0	0	0	0	0	0
0.006727	0	0	0	0	0	0
0.021453	0	0	0	0	0	0
0.017261	0	0	0	0	0	0
0.254219	0	0	0	0	0	0
0.008787	0	0	0	0	0	0
0.004878	0	0	0	0	0	0
0.012594	0	0	0	0	0	0
0.00791	0	0	0	0	0	0
0.006315	0	0	0	4	0	4
0.068852	0	0	2	0	0	2
0.004902	0	0	0	0	0	0
0.008623	0	0	0	0	0	0
0.003859	0	0	0	0	0	0
0.084221	0.57	0	8	24	0	32
0.016717	0	0	0	0	0	0
0.008576	0	0	0	0	0	0
0.014128	0	0	0	0	0	0
0.015807	0	0	0	0	0	0
0.02602	0	0	0	0	0	0
0.012429	0	0	0	0	0	0
0.01305	0	0	2	1	9	12
0.012123	0	9	0	1	0	10
0.007153	0	0	0	0	0	0
0.065914	0.01	0	4	7	0	11
0.008058	0	0	0	0	0	0
0.981248	0	0	0	9	22	31
0.003773	0	0	5	10	11	26
0.00146	0	11	0	0	17	28
0.02131	0	17	18	30	29	94
0.042443	0.02	29	46	21	0	96
0.010168	0	0	5	41	14	60
0.00824	0	14	0	1	13	28
0.016354	0	13	0	0	0	13
0.012225	0	1	0	0	0	1
0.010023	0	22	9	0	0	31
0.003835	0	0	1	0	0	1
0.007506	0	0	6	6	0	12
0.001116	0	0	0	0	9	9
0.019064	0	9	5	0	0	14
0.015318	0	0	0	0	0	0
0.022338	0	0	0	6	12	18
0.033362	0	0	5	5	0	10
0.02602	0	0	1	4	0	5
0.153651	0	0	14	5	11	30
0.01834	0	11	54	5	6	76
0.002877	0	6	0	6	10	22



0.003438	0	10	0	0	12	22
0.00688	0	12	37	13	0	62
0.196308	0	0	0	0	0	0
0.374836	0.03	0	0	0	0	0
0.032665	0	0	0	0	0	0
0.098937	0	0	0	0	0	0
0.055238	0	0	0	0	0	0
0.019525	0	0	0	0	0	0
0.014767	0	0	0	0	0	0
0.016504	0	0	0	0	0	0
0.089128	0	0	0	0	0	0
0.04465	0	0	0	0	0	0
0.093341	0	0	0	0	0	0
0.029009	0	0	0	0	0	0
0.057477	0	0	0	0	0	0
0.052137	0	0	0	0	0	0
0.467609	0.07	0	0	0	0	0
0.025913	0	0	0	0	0	0
0.048938	0	0	0	0	0	0
0.024507	0	0	0	0	0	0
0.027144	0	0	0	0	0	0
0.057918	0	0	0	0	0	0
0.039681	0	0	0	0	0	0
0.049957	0	0	0	0	0	0
0.056925	0	0	0	0	0	0
0.051316	0	0	0	0	0	0
0.064371	0	0	0	0	0	0
0.039346	0	0	0	0	0	0
0.059331	0	0	0	0	0	0
0.050878	0	0	0	0	0	0
0.049892	0	0	0	0	0	0
0.056821	0	0	0	0	0	0
0.090829	0	0	0	0	0	0
0.066092	0	0	0	0	0	0
0.039924	0	0	0	0	0	0
0.05403	0	0	0	0	0	0
0.048638	0	0	0	0	0	0
0.044634	0	0	0	0	0	0
0.049248	0	0	0	0	0	0
0.045704	0	0	0	0	0	0
0.03828	0	0	0	0	0	0
0.031883	0	0	0	0	0	0
0.048808	0	0	0	0	0	0
0.034323	0	0	0	0	0	0
0.034432	0	0	0	0	0	0
0.045885	0	0	0	0	0	0
0.047054	0	0	0	0	0	0
0.027774	0	0	0	0	0	0
0.040726	0	0	0	0	0	0
0.037661	0	0	0	0	0	0

0.04535	0	0	0	0	0	0
0.045869	0	0	0	0	0	0
0.023246	0	0	0	0	0	0
0.052939	0	0	0	0	0	0
0.025371	0	0	0	0	0	0
0.016845	0	0	0	0	0	0
0.025474	0	0	0	0	0	0
0.014493	0	0	0	0	0	0
0.009011	0	0	0	0	0	0
0.023699	0	0	0	0	0	0
0.011389	0	0	0	0	0	0
0.017419	0	0	0	0	0	0
0.063696	0	0	0	0	0	0
0.062715	0	0	0	0	0	0
0.046784	0	0	0	0	0	0
0.018006	0	0	0	0	0	0
0.022535	0	0	0	0	0	0
0.013683	0	0	0	0	0	0
0.016793	0	0	0	0	0	0
0.010489	0	0	0	0	0	0
0.007373	0	0	0	0	0	0
0.016068	0	0	0	0	0	0
0.012181	0	0	0	0	0	0
0.01695	0	0	0	0	0	0
0.008325	0	0	0	0	0	0
0.033523	0	0	0	0	0	0
0.028903	0	0	0	0	0	0
0.018161	0	0	0	0	0	0
0.017278	0	0	0	0	0	0
0.024051	0	0	0	0	0	0
0.050593	0	0	0	0	0	0
0.020587	0	0	0	0	0	0
0.01909	0	0	0	0	0	0
0.079227	0	0	0	0	0	0
0.076231	0	0	0	0	0	0
0.046094	0	0	0	0	0	0
0.036432	0	0	0	0	0	0
0.039073	0	0	0	0	0	0
0.026101	0	0	0	0	0	0
0.028399	0	0	0	0	0	0
0.023038	0	0	0	0	0	0
0.019411	0	0	0	0	0	0
0.028157	0	0	0	0	0	0
0.057092	0	0	0	0	0	0
0.179765	0	0	0	0	0	0
0.060274	0	0	0	0	0	0
0.042893	0	0	0	0	0	0
0.032638	0	0	0	0	0	0
0.060208	0	0	0	0	0	0
0.079355	0	0	0	0	0	0

0.031075	0	0	0	0	0	0
0.059984	0	0	0	0	0	0
0.033397	0	0	0	0	0	0
0.091738	0	0	0	0	0	0
0.02424	0	0	0	0	0	0
0.021044	0	0	0	0	0	0
0.094126	0	0	0	0	0	0
0.040971	0	0	0	0	0	0
0.037862	0	0	0	0	0	0
0.022148	0	0	0	0	0	0
0.014794	0	0	0	0	0	0
0.01769	0	0	0	0	0	0
0.015144	0	0	0	0	0	0
0.103469	0.01	0	0	0	0	0
0.043164	0	0	0	0	0	0
0.029719	0	0	0	0	0	0
0.026547	0	0	0	0	1	1
0.011795	0	1	0	0	0	1
0.055533	0	0	0	0	0	0
0.025997	0	0	0	0	0	0
0.05428	0	0	0	0	0	0
0.060541	0	0	0	0	0	0
0.041038	0	0	0	0	0	0
0.02833	0	0	0	0	0	0
0.043956	0	0	0	0	0	0
0.04562	0	0	0	0	0	0
0.073432	0	0	0	0	0	0
0.234355	0	0	0	0	0	0
0.05426	0	0	0	0	0	0
0.089985	0	0	0	0	0	0
0.05338	0	0	0	0	0	0
0.052329	0	0	0	0	0	0
0.061455	0	0	0	0	0	0
0.133901	0	0	0	0	0	0
0.07595	0	0	0	0	0	0
0.378483	0.13	0	0	0	0	0
0.428403	0.12	0	0	0	0	0
0.955552	0	0	0	0	0	0
0.11697	0.03	0	0	0	0	0
0.038315	0	0	0	0	0	0
0.031616	0	0	0	0	0	0
0.03391	0	0	0	0	0	0
0.046571	0	0	0	0	0	0
0.029822	0	0	0	0	0	0
0.020915	0	0	0	0	0	0
0.048033	0	0	0	0	0	0
0.051918	0	0	0	0	0	0
0.040552	0	0	0	0	0	0
0.037024	0	0	0	0	0	0
0.039981	0	0	0	0	0	0

0.050917	0	0	0	0	0	0
0.061014	0	0	0	0	0	0
0.035526	0	0	0	0	0	0
0.038904	0	0	0	0	0	0
0.018721	0	0	0	0	0	0
0.016636	0	0	0	0	0	0
0.073164	0	0	0	0	0	0
0.070182	0	0	0	0	0	0
0.040565	0	0	0	0	0	0
0.066646	0	0	0	0	0	0
0.031149	0	0	0	0	0	0
0.017693	0	0	0	0	0	0
0.02593	0	0	0	0	0	0
0.117457	0	0	0	0	0	0
0.077062	0	0	0	0	0	0
0.035549	0	0	0	0	0	0
0.044131	0	0	0	0	0	0
0.03446	0	0	0	0	0	0
0.031442	0	0	0	0	0	0
0.29136	0.11	0	0	0	0	0
0.026727	0	0	0	0	0	0
0.135851	0	0	0	0	0	0
0.027968	0	0	0	0	0	0
0.052265	0	0	0	0	0	0
0.025197	0	0	0	0	0	0
0.344253	0	0	0	0	0	0
0.021416	0	0	0	0	0	0
0.013376	0	0	0	0	0	0
0.005104	0	0	0	0	0	0
0.028348	0	0	0	0	0	0
0.030545	0	0	0	0	0	0
0.038789	0	0	0	0	0	0
0.024601	0	0	0	0	0	0
0.007331	0	0	0	0	0	0
0.196423	0.14	0	0	0	0	0
0.005481	0	0	0	0	0	0
0.002423	0	0	0	0	0	0
0.00981	0	0	0	0	0	0
0.002717	0	0	0	0	0	0
0.01116	0	0	0	0	0	0
0.004072	0	0	0	0	0	0
0.006603	0	0	0	0	0	0
0.026675	0	0	0	0	0	0
0.006477	0	0	0	0	0	0
0.003513	0	0	0	0	0	0
0.005166	0	0	0	0	0	0
0.004909	0	0	0	0	0	0
0.003263	0	0	0	0	0	0
0.007377	0	0	0	0	0	0
0.003283	0	0	0	0	0	0

0.014673	0	0	0	0	0	0
0.003252	0	0	0	0	0	0
0.003082	0	0	0	0	0	0
0.004497	0	0	0	0	0	0
0.003611	0	0	0	0	0	0
0.002914	0	0	0	0	0	0
0.002976	0	0	0	0	0	0
0.048183	0.31	0	0	0	0	0
0.011955	0	0	0	0	0	0
0.036867	0	0	0	0	0	0
0.008123	0	0	0	0	4	4
0.008348	0	4	0	0	0	4
0.006121	0	0	0	0	1	1
0.005332	0	1	0	0	0	1
0.005657	0	0	0	0	0	0
0.020256	0	0	0	0	0	0
0.006493	0	0	0	0	0	0
0.021323	0	0	0	0	0	0
0.009857	0	0	0	0	0	0
0.001471	0	0	0	0	0	0
0.001424	0	0	0	0	0	0
0.002428	0	0	0	0	7	7
0.002019	0	7	0	0	0	7
0.002468	0	0	0	0	6	6
0.005731	0	6	0	0	0	6
0.010964	0	0	0	0	7	7
0.006202	0	0	0	0	0	0
0.002426	0	0	0	0	0	0
0.017919	0	0	0	0	0	0
0.003175	0	0	0	0	0	0
0.004104	0	0	0	0	0	0
0.003038	0	0	0	0	0	0
0.002488	0	0	0	0	0	0
0.007977	0	0	0	0	0	0
0.003206	0	0	0	0	0	0
0.00177	0	0	0	0	0	0
0.003993	0	0	0	0	0	0
0.003586	0	0	0	0	0	0
0.006198	0	0	0	0	0	0
0.004743	0	0	0	0	0	0
0.002086	0	0	0	0	0	0
0.003546	0	0	0	0	0	0
0.00223	0	0	0	0	0	0
0.003961	0	0	0	0	0	0
0.007381	0	0	0	0	0	0
0.006709	0	0	0	0	0	0
0.003104	0	0	0	0	0	0
0.004434	0	0	0	0	0	0
0.004598	0	0	0	0	0	0
0.003222	0	0	0	0	0	0

0.004415	0	0	0	0	0	0
0.041827	0	0	0	0	0	0
0.217133	0	0	0	0	0	0
0.219439	0	0	0	0	0	0
0.108764	0	0	0	0	0	0
0.051964	0	0	0	0	0	0
0.331764	0.15	0	0	0	0	0
0.018357	0	0	0	0	1	1
0.028286	0	1	0	0	0	1
0.126005	0	0	0	0	0	0
0.0347	0	0	0	0	0	0
0.023682	0	0	0	0	0	0
0.03321	0	0	0	0	0	0
0.033543	0	0	0	0	0	0
0.031035	0	0	0	0	0	0
0.036859	0	0	0	0	0	0
0.045435	0	0	0	0	0	0
0.011641	0.01	0	0	0	0	0
0.0621	0.06	0	0	0	0	0
0.019734	0	0	0	0	0	0
0.012196	0	0	0	0	0	0
0.016384	0	0	0	0	0	0
0.009347	0	0	0	0	0	0
0.015257	0	0	0	0	0	0
0.055107	0	0	0	0	0	0
0.023906	0	0	0	0	0	0
0.026324	0	0	0	0	0	0
0.026095	0	0	0	0	0	0
0.020425	0	0	0	0	0	0
0.025696	0	0	0	0	0	0
0.019377	0	0	0	0	0	0
0.013008	0	0	0	0	0	0
0.021085	0	0	0	0	0	0
0.050338	0	0	0	0	0	0
0.019281	0	0	0	0	0	0
0.107894	0	0	0	0	0	0
0.025971	0	0	0	0	0	0
0.057014	0	0	0	0	0	0
0.064731	0	0	0	0	0	0
0.055934	0	0	0	0	0	0
0.067834	0	0	0	0	0	0
0.020094	0	0	0	0	0	0
0.037571	0	0	0	0	0	0
0.035668	0	0	0	0	0	0
0.099554	0	0	0	0	0	0
0.19787	0	0	0	0	0	0
0.15437	0	0	0	0	0	0
0.130563	0	0	0	0	0	0
0.178557	0	0	0	0	0	0
0.209307	0	0	0	0	0	0

0.043335	0	0	0	0	0	0
0.044414	0	0	0	0	0	0
0.029364	0	0	0	0	0	0
0.021345	0	0	0	0	0	0
0.054627	0	0	0	0	0	0
0.034482	0	0	0	0	0	0
0.063981	0	0	0	0	0	0
0.04916	0	0	0	0	0	0
0.028387	0	0	0	0	0	0
0.035136	0	0	0	0	0	0
0.028666	0	0	0	0	0	0
0.034281	0	0	0	0	0	0
0.062318	0	0	0	0	0	0
0.090327	0	0	0	0	0	0
0.03181	0	0	0	0	0	0
0.035291	0	0	0	0	0	0
0.064862	0	0	0	0	0	0
0.113289	0	0	0	0	0	0
0.002046	0	0	0	0	0	0
0.002744	0	0	0	0	0	0
0.004078	0	0	0	0	0	0
0.000196	0	0	0	0	0	0
0.011808	0	0	0	0	0	0
0.021537	0	0	0	0	0	0
0.012007	0	0	0	0	0	0
0.002794	0	0	0	0	0	0
0.039309	0	0	0	0	0	0
0.019468	0	0	0	0	0	0
0.041489	0	0	0	0	0	0
0.023475	0	0	0	0	0	0
0.014823	0	0	0	0	0	0
0.0164	0	0	0	0	0	0
0.014823	0	0	0	0	0	0
0.019391	0	0	0	0	0	0
0.021666	0	0	0	0	0	0
0.017191	0	0	0	0	0	0
0.017552	0	0	0	0	0	0
0.02469	0	0	0	0	0	0
0.015371	0	0	0	0	0	0
0.009295	0	0	0	0	0	0
0.009547	0	0	0	0	0	0
0.115597	0	0	0	0	0	0
0.260245	0	0	0	0	0	0
0.302255	0.06	0	0	0	0	0
0.348776	0	0	0	0	0	0
0.330904	0	0	0	0	0	0
0.207832	0	0	0	0	0	0
0.046022	0	0	0	0	0	0
0.034804	0	0	0	0	0	0
0.020394	0	0	0	0	0	0

0.017487	0	0	0	0	0	0
0.043437	0	0	0	0	0	0
0.034693	0	0	0	0	0	0
0.02844	0	0	0	0	0	0
0.022493	0	0	0	0	0	0
0.026021	0	0	0	0	0	0
0.020136	0	0	0	0	0	0
0.020204	0	0	0	0	0	0
0.033241	0	0	0	0	0	0
0.030733	0	0	0	0	0	0
0.032313	0	0	0	0	0	0
0.088609	0	0	0	0	0	0
0.038179	0	0	0	0	0	0
0.031251	0	0	0	0	0	0
0.042925	0	0	0	0	0	0
0.015184	0	0	0	0	0	0
0.027525	0	0	0	0	0	0
0.039559	0	0	0	0	0	0
0.044062	0	0	0	0	0	0
0.183313	0	0	15	0	0	15
0.011191	0	0	0	0	0	0
0.074065	0	0	0	0	0	0
0.035757	0	0	0	0	0	0
0.026926	0	0	0	0	0	0
0.054786	0	0	0	0	0	0
0.016466	0	0	0	0	0	0
0.05346	0	0	0	0	0	0
0.008051	0	0	0	0	0	0
0.009806	0	0	0	0	0	0
0.057003	0	0	0	0	0	0
0.032272	0	0	0	0	0	0
0.17745	0	0	0	0	0	0
0.021768	0	0	0	0	0	0
0.020473	0	0	0	0	0	0
0.08024	0.01	0	2	0	0	2
0.075349	0	0	0	0	0	0
0.134521	0	0	0	0	0	0
0.018355	0	0	0	0	0	0
0.018334	0	0	0	0	0	0
0.03765	0	0	0	0	0	0
0.484651	0	0	0	0	0	0
0.243	0	0	0	0	0	0
0.050606	0	0	0	0	0	0
0.21707	0.02	0	0	0	0	0
0.047227	0	0	0	0	0	0
0.21199	0	0	0	0	0	0
0.052021	0	0	0	0	0	0
0.060775	0	0	0	0	0	0
0.357349	0.06	0	0	0	0	0
0.651598	0.17	0	0	0	0	0



0.280408	0	0	0	0	0	0
0.126309	0	0	0	0	0	0
0.119479	0	0	0	0	0	0
0.109832	0	0	0	0	0	0
0.076928	0	0	0	0	0	0
0.403664	0.1	0	0	0	0	0
0.426504	0.05	0	0	0	0	0
0.18932	0	0	0	0	0	0
0.04471	0	0	0	0	0	0
0.160618	0	0	0	0	0	0
0.105153	0	0	0	0	0	0
0.082816	0	0	0	0	0	0
0.063319	0	0	0	0	0	0
0.002968	0	0	0	0	0	0
0.005943	0	0	0	0	0	0
0.004767	0	0	0	0	0	0
0.004192	0	0	0	0	0	0
0.003163	0	0	0	0	0	0
0.002539	0	0	0	0	0	0
0.032112	0	0	0	0	0	0
0.036046	0	0	0	0	0	0
0.018841	0	0	0	0	0	0
0.008371	0	0	0	0	0	0
0.011004	0	0	0	0	0	0
0.018278	0	0	0	0	0	0
0.012704	0	0	0	0	0	0
0.008861	0	0	0	0	0	0
0.010883	0	0	0	0	0	0
0.002044	0	0	0	0	0	0
0.009607	0	0	0	0	0	0
0.002028	0	0	0	0	0	0
0.000885	0	0	0	0	0	0
0.004293	0	0	0	0	0	0
0.002729	0	0	0	0	0	0
0.002508	0.01	0	0	0	0	0
0.002469	0	0	0	0	0	0
0.02569	0	0	0	0	0	0
0.006352	0	0	0	0	0	0
0.000824	0	0	0	0	0	0
0.004448	0	0	0	0	0	0
0.011716	0.01	0	0	0	0	0
0.012111	0	0	0	0	0	0
0.002572	0	0	0	0	0	0
0.262793	0	0	0	0	0	0
0.037987	0	0	0	0	0	0
0.018142	0	0	0	0	0	0
0.010567	0	0	0	0	0	0
0.026111	0	0	0	0	0	0
0.031741	0	0	0	0	0	0
0.018916	0	0	0	0	1	1

0.002846	0	1	0	0	0	1
0.00729	0	0	0	0	0	0
0.000252	0	0	0	0	0	0
0.000229	0	0	0	0	0	0
0.043345	0	0	0	0	0	0
0.005848	0	0	0	0	0	0
0.00483	0	0	0	0	0	0
0.010484	0	0	0	0	0	0
0.005274	0	0	0	0	0	0
0.022682	0	0	0	0	0	0
0.047424	0	0	0	0	0	0
0.042824	0	0	0	0	0	0
0.134742	0	0	0	0	0	0
0.058643	0	0	0	0	0	0
0.054782	0	0	0	0	0	0
0.052665	0	0	0	0	0	0
0.05789	0	0	0	0	0	0
0.04994	0	0	0	0	0	0
0.04905	0	0	0	0	0	0
0.051337	0	0	0	0	0	0
0.067218	0	0	0	0	0	0
0.062737	0	0	0	0	0	0
0.052441	0	0	0	0	0	0
0.074629	0	0	0	0	0	0
0.048574	0	0	0	0	0	0
0.039409	0	0	0	0	0	0
0.053846	0	0	0	0	0	0
0.050728	0	0	0	0	0	0
0.043402	0	0	0	0	0	0
0.073326	0	0	0	0	0	0
0.051661	0	0	0	0	0	0
0.050884	0	0	0	0	0	0
0.041734	0	0	0	0	0	0
0.045178	0	0	0	0	0	0
0.041127	0	0	0	0	0	0
0.076335	0	0	0	0	0	0
0.023245	0	0	0	0	0	0
0.022553	0	0	0	0	0	0
0.040546	0	0	0	0	0	0
0.21457	0	0	0	0	0	0
0.059265	0	0	0	0	0	0
0.024338	0	0	0	0	0	0
0.065823	0	0	0	0	0	0
0.056527	0	0	0	0	0	0
0.05696	0	0	0	0	0	0
0.038986	0	0	5	0	0	5
0.015098	0	0	0	0	0	0
0.014488	0	0	0	0	0	0
0.015366	0	0	0	0	2	2
0.015867	0	2	0	0	0	2

0.017299	0	0	0	0	0	0
0.015179	0	0	0	0	0	0
0.008413	0	0	0	0	0	0
0.008916	0	0	0	0	0	0
0.010967	0	0	0	0	0	0
0.012986	0	0	0	0	0	0
0.01149	0	0	0	0	0	0
0.018807	0	0	0	0	0	0
0.013033	0	0	0	0	0	0
0.18328	0.02	0	0	0	0	0
0.008511	0	0	0	0	0	0
0.010416	0	0	0	0	0	0
0.02058	0	0	0	0	0	0
0.016145	0	0	0	0	0	0
0.020451	0	0	0	0	0	0
0.006444	0	0	0	0	0	0
0.005045	0	0	0	0	0	0
0.011498	0	0	0	0	0	0
0.004605	0	0	0	0	0	0
0.004378	0	0	0	0	0	0
0.006331	0	0	0	0	0	0
0.005288	0	0	0	0	0	0
0.003223	0	0	0	0	0	0
0.057689	0	0	0	0	0	0
0.077171	0	0	0	0	0	0
0.003498	0	0	0	0	0	0
0.006303	0	0	0	0	0	0
0.003564	0	0	0	0	5	5
0.034421	0	0	0	0	0	0
0.00283	0	5	0	0	0	5
0.003425	0	0	0	0	0	0
0.002726	0	0	0	0	0	0
0.010727	0	0	0	0	0	0
0.003754	0	0	0	0	0	0
0.011897	0	0	0	0	0	0
0.014787	0	0	0	0	0	0
0.003603	0	0	0	0	2	2
0.001898	0	2	0	0	0	2
0.019646	0.02	0	0	0	0	0
0.013199	0	0	0	0	0	0
0.126331	0.14	0	0	0	0	0
0.130764	0.01	0	0	0	0	0
0.019498	0	0	0	0	0	0
0.012695	0	0	0	0	0	0
0.017887	0	0	0	0	0	0
0.015656	0.02	0	0	0	0	0
0.006999	0	0	0	0	0	0
0.020962	0	0	0	0	0	0
0.042765	0	0	0	0	0	0
0.091486	0.01	0	0	0	0	0

0.015211	0	0	0	0	0	0
0.050031	0	0	0	0	0	0
0.017326	0	0	0	0	0	0
0.02297	0	0	0	0	0	0
0.01948	0	0	0	0	0	0
0.023821	0	0	0	0	0	0
0.014561	0	0	0	0	0	0
0.01683	0	0	0	0	0	0
0.012354	0	0	0	0	0	0
0.01545	0	0	0	0	0	0
0.017644	0	0	0	0	0	0
0.009265	0	0	0	0	0	0
0.023114	0	0	0	0	0	0
0.006542	0	0	0	0	0	0
0.010168	0	0	0	0	0	0
0.006614	0	0	0	0	0	0
0.011845	0	0	0	0	0	0
0.015727	0	0	0	0	0	0
0.008367	0	0	0	0	0	0
0.008971	0	0	0	0	0	0
0.015767	0	0	0	0	0	0
0.007797	0	0	0	0	0	0
0.009131	0	0	0	0	0	0
0.026093	0	0	0	0	0	0
0.011133	0	0	0	0	0	0
0.015192	0	0	0	0	0	0
0.031241	0	0	0	0	0	0
0.021137	0	0	0	0	0	0
0.027131	0	0	0	0	0	0
0.017738	0	0	0	0	0	0
0.02752	0	0	0	0	0	0
0.047096	0	0	0	0	0	0
0.028579	0	0	0	0	0	0
0.02477	0	0	0	0	0	0
0.023865	0	0	0	0	0	0
0.018104	0	0	0	0	0	0
0.004101	0	0	0	0	4	4
0.004631	0	4	0	0	0	4
0.00719	0.01	0	0	0	0	0
0.00265	0	0	0	0	0	0
0.003374	0	0	0	0	0	0
0.003975	0	0	0	0	0	0
0.002145	0	0	0	0	0	0
0.002286	0	0	3	0	0	3
0.002035	0	0	0	0	0	0
0.00187	0	0	0	0	0	0
0.008736	0	0	0	0	0	0
0.002066	0	0	0	0	0	0
0.001315	0	0	0	0	0	0
0.001221	0	0	0	0	0	0

0.001387	0	0	0	0	0	0
0.001054	0	0	0	0	0	0
0.001185	0	0	0	0	0	0
0.001101	0	0	0	0	0	0
0.001277	0	0	0	0	0	0
0.001321	0	0	0	0	0	0
0.000826	0	0	0	0	0	0
0.007587	0	0	0	0	2	2
0.015769	0	2	0	0	0	2
0.008737	0	0	0	0	0	0
0.00799	0	0	0	0	0	0
0.007667	0	0	0	0	0	0
0.007323	0.01	0	0	0	0	0
0.006176	0	0	0	0	0	0
0.001516	0	0	0	0	1	1
0.042229	0	1	0	0	0	1
0.014751	0	0	0	5	12	17
0.009493	0	0	0	0	0	0
0.027068	0	0	0	0	0	0
0.02055	0	0	0	0	0	0
0.028254	0	0	0	0	0	0
0.100936	0	0	0	0	0	0
0.080488	0	0	0	0	0	0
0.084356	0	0	0	0	0	0
0.157666	0.02	0	0	0	0	0
0.077363	0	0	0	0	0	0
0.12736	0	0	0	0	0	0
0.078221	0	0	0	0	0	0
0.03576	0	0	0	0	0	0
0.064479	0	0	0	0	0	0
0.384661	0	0	0	0	0	0
0.089079	0	0	0	0	0	0
0.065619	0	0	0	0	0	0
0.02295	0	0	0	0	0	0
0.027334	0	0	0	0	0	0
0.032815	0	0	0	0	0	0
0.033981	0	0	0	0	0	0
0.027643	0	0	0	0	0	0
0.023595	0	0	0	0	0	0
0.075665	0	0	0	0	0	0
0.011698	0	0	0	0	0	0
0.04655	0	0	0	0	0	0
0.582928	0.22	0	0	0	0	0
0.443233	0.06	0	0	0	0	0
0.246573	0	0	0	0	0	0
0.332099	0.06	0	0	0	0	0
0.197967	0	0	0	0	0	0
0.076421	0	0	0	0	0	0
0.092448	0	0	0	0	0	0
0.057028	0	0	0	0	0	0

0.08296	0	0	0	0	0	0
0.151779	0	0	0	0	0	0
0.487393	0.18	0	0	0	0	0
0.051684	0	0	0	0	0	0
0.884624	0.02	0	0	0	0	0
0.001884	0	0	0	0	0	0
0.003805	0	0	0	0	0	0
0.00168	0	0	0	0	0	0
0.017356	0	0	0	0	0	0
0.001216	0	0	0	0	0	0
0.002158	0	0	0	0	0	0
0.003629	0	0	0	0	0	0
0.010222	0	0	0	0	0	0
0.006568	0	0	0	0	0	0
0.029248	0	0	0	0	0	0
0.033905	0	0	0	0	0	0
0.025417	0	0	0	0	0	0
0.020653	0	0	0	0	0	0
0.04264	0	0	0	0	0	0
0.012737	0	0	0	0	0	0
0.046533	0	0	0	0	0	0
0.061081	0	0	0	0	0	0
0.012209	0	0	0	0	0	0
0.023152	0	0	0	0	0	0
0.006367	0	0	0	0	0	0
0.009004	0	0	0	0	5	5
0.007063	0	5	0	0	8	13
0.006605	0	8	0	0	0	8
0.013089	0	0	4	0	0	4
0.023751	0	0	0	0	0	0
0.003603	0	0	0	0	0	0
0.024274	0	0	0	0	0	0
0.025018	0	0	0	0	0	0
0.026514	0	0	0	0	0	0
0.024217	0	0	0	0	0	0
0.043564	0	0	0	0	0	0
0.019959	0	0	0	0	0	0
0.03641	0	0	0	0	0	0
0.039387	0	0	0	0	0	0
0.064339	0	0	0	0	0	0
0.025743	0	0	0	0	0	0
0.014802	0	0	0	0	0	0
0.241525	0	0	0	0	0	0
0.473974	0	0	0	0	0	0
0.030018	0	0	0	0	0	0
0.029648	0	0	0	0	0	0
0.008056	0	0	0	0	0	0
0.005656	0	0	0	0	0	0
0.006118	0	0	0	0	0	0
0.017006	0	0	0	0	0	0

0.004416	0	0	0	0	0	0
0.02451	0	0	0	0	0	0
0.017575	0	0	0	0	0	0
0.004688	0	0	0	0	0	0
0.00739	0	0	0	0	0	0
0.009748	0	0	0	0	0	0
0.007866	0	0	0	0	0	0
0.017298	0	0	0	0	0	0
0.025549	0	0	0	0	0	0
0.171929	0	0	0	0	0	0
0.646297	0	0	0	0	0	0
0.098526	0	0	0	0	0	0
0.184247	0	0	0	0	0	0
0.149747	0	0	0	0	0	0
0.164513	0	0	0	0	0	0
0.09585	0	0	0	0	0	0
0.04748	0	0	0	0	0	0
0.051702	0	0	0	0	0	0
0.044699	0	0	0	0	0	0
0.012194	0	0	0	0	0	0
0.015931	0	0	0	0	0	0
0.03112	0	0	0	0	0	0
0.020822	0	0	0	0	0	0
0.010787	0	0	0	0	0	0
0.015971	0	0	0	0	0	0
0.018782	0	0	0	0	0	0
0.013302	0	0	0	0	0	0
0.012703	0	0	0	0	0	0
0.018962	0	0	0	0	0	0
0.006641	0	0	0	0	0	0
0.010206	0	0	0	0	0	0
0.007218	0	0	0	0	0	0
0.01585	0	0	0	0	0	0
0.010481	0	0	0	0	0	0
0.006552	0	0	0	0	0	0
0.019567	0	0	0	0	0	0
0.0263	0	0	0	0	0	0
0.006852	0	0	0	0	0	0
0.086548	0	0	0	0	0	0
0.005062	0	0	0	0	0	0
0.003421	0	0	0	0	0	0
0.013455	0	0	0	0	0	0
0.103564	0	0	0	0	0	0
0.027807	0	0	0	0	0	0
0.010147	0	0	0	0	0	0
0.011646	0	0	0	0	0	0
0.011992	0	0	0	0	0	0
0.248397	0.25	0	0	0	0	0
0.224839	0.08	0	0	0	0	0
0.005239	0	0	0	0	0	0

0.008474	0	0	0	0	0	0
0.007564	0	0	0	0	0	0
0.003661	0	0	0	0	0	0
0.004643	0	0	0	0	0	0
0.005974	0	0	0	0	0	0
0.005618	0	0	0	0	0	0
0.004356	0	0	0	0	0	0
0.00587	0	5	0	0	0	5
0.004148	0	0	0	0	0	0
0.002667	0	0	0	0	0	0
0.000379	0	0	0	0	0	0
0.003693	0	0	0	0	0	0
0.004173	0	0	0	0	0	0
0.014245	0	0	0	0	0	0
0.035936	0	0	0	0	0	0
0.920392	0	0	0	0	0	0
0.017914	0	0	0	0	0	0
0.022709	0.01	0	0	0	0	0
0.048479	0	0	0	0	0	0
0.057129	0	0	0	0	0	0
0.065132	0	0	0	0	0	0
0.0648	0	0	0	0	0	0
0.152125	0	0	0	0	0	0
0.061281	0	0	0	0	0	0
0.053721	0	0	0	0	0	0
0.109623	0	0	0	0	0	0
0.074012	0	0	0	0	0	0
0.093851	0	0	0	0	0	0
0.033918	0	0	0	0	0	0
0.028701	0	0	0	0	0	0
0.037301	0	0	0	0	0	0
0.015273	0	0	0	0	0	0
0.058861	0	0	0	0	0	0
0.098692	0	0	0	0	0	0
0.048996	0	0	0	0	0	0
0.038808	0	0	0	0	0	0
0.045514	0	0	0	0	0	0
0.077075	0	0	0	0	0	0
0.10399	0	0	0	0	0	0
0.073161	0	0	0	0	0	0
0.054476	0	0	0	0	0	0
0.032613	0	0	0	0	0	0
0.053	0	0	0	0	6	6
0.122107	0	6	0	0	0	6
0.027651	0	0	0	0	0	0
0.065405	0	0	0	0	0	0
0.017106	0	0	0	0	0	0
0.077773	0	0	0	0	0	0
0.037828	0	0	0	0	0	0
0.065283	0	0	0	0	0	0



0.01282	0	0	0	0	0	0
0.021447	0	0	0	0	0	0
0.021789	0	0	0	0	0	0
0.02177	0	0	0	0	0	0
0.018052	0	0	0	0	0	0
0.01485	0	0	0	0	0	0
0.0223	0	0	0	0	0	0
0.053107	0	0	0	0	0	0
0.021668	0	0	0	0	0	0
0.056452	0	0	0	0	0	0
0.023421	0	0	0	0	0	0
0.016362	0	0	0	0	0	0
0.522988	0	0	0	0	0	0
0.023383	0	0	0	0	0	0
0.02851	0	0	0	0	0	0
0.01589	0	0	0	0	0	0
0.075729	0	0	0	0	0	0
0.018533	0	0	0	0	0	0
0.036068	0	0	0	0	0	0
0.026026	0	0	0	0	0	0
0.02705	0	0	0	0	0	0
0.08699	0	0	0	0	0	0
0.011935	0	0	0	0	0	0
0.048204	0.01	0	0	0	0	0
0.014501	0	0	0	0	0	0
0.089232	0	0	0	0	0	0
0.12663	0	0	0	0	0	0
0.006788	0	0	0	0	0	0
0.014192	0	0	0	0	0	0
0.020052	0	0	0	0	0	0
0.01828	0	0	0	0	0	0
0.062505	0	0	0	0	0	0
0.05252	0	0	0	0	0	0
0.009675	0	0	0	0	0	0
0.021447	0	0	0	0	0	0
0.062001	0	0	0	0	0	0
0.053203	0	0	0	0	0	0
0.013945	0	0	0	0	0	0
0.02361	0	0	0	0	0	0
0.020589	0	0	0	0	0	0
0.014742	0	0	0	0	0	0
0.025323	0	0	0	0	0	0
0.048613	0	0	0	0	0	0
0.066738	0	0	0	0	0	0
0.011147	0	0	0	0	0	0
0.014287	0	0	0	0	0	0
0.009367	0	0	0	0	0	0
0.020824	0	0	0	0	0	0
0.029494	0	0	0	0	0	0
0.84248	0	0	0	0	0	0

0.119672	0	0	0	0	0	0
0.022523	0	0	0	0	0	0
0.057557	0	0	0	0	0	0
0.040436	0	0	0	0	0	0
0.040902	0	0	0	0	0	0
0.021544	0	0	0	0	0	0
0.023873	0	0	0	0	0	0
0.039991	0	0	0	0	0	0
0.003407	0	0	0	0	0	0
0.00424	0	0	0	0	0	0
0.00454	0	0	0	0	0	0
0.007679	0	0	0	0	0	0
0.014566	0	0	0	0	0	0
0.018496	0	0	0	0	0	0
0.002778	0	0	0	0	0	0
0.008318	0	0	0	0	0	0
0.007048	0	0	0	0	0	0
0.008223	0	0	0	0	0	0
0.001767	0	0	0	0	1	1
0.001848	0	1	0	0	0	1
0.000985	0	0	0	0	0	0
0.000876	0	0	0	0	0	0
0.028859	0	0	0	0	0	0
0.031099	0	0	0	0	0	0
0.06359	0	0	0	0	0	0
0.006561	0	0	0	0	0	0
0.028664	0	0	0	0	0	0
0.005344	0	0	0	0	0	0
0.000831	0	0	0	0	0	0
0.002256	0	0	0	0	0	0
0.004677	0	0	0	0	0	0
0.030739	0	0	0	0	0	0
0.016275	0	0	0	0	0	0
0.002674	0	0	0	0	0	0
0.006517	0.01	0	0	0	0	0
0.005343	0	0	0	0	0	0
0.009762	0	0	0	0	0	0
0.010417	0	0	0	0	0	0
0.009026	0	0	0	0	0	0
0.008803	0	0	0	0	0	0
0.015945	0	0	0	0	0	0
0.005296	0	0	0	0	0	0
0.002967	0	0	0	0	0	0
0.002788	0	0	0	0	0	0
0.005189	0	0	0	0	0	0
0.005048	0	0	0	0	0	0
0.003753	0	0	0	0	0	0
0.009362	0	0	0	0	0	0
0.002442	0	0	0	0	0	0
0.002495	0	0	0	0	0	0

0.019691	0	0	0	0	0	0
0.021573	0	0	0	0	0	0
0.014685	0	0	0	0	0	0
0.016542	0	0	0	0	0	0
0.008077	0	0	0	0	0	0
0.019169	0	0	0	0	0	0
0.058271	0	0	0	0	0	0
0.023326	0	0	0	0	0	0
0.031092	0	0	0	0	0	0
0.008824	0	0	0	0	0	0
0.012515	0	0	0	0	0	0
0.009093	0	0	0	0	0	0
0.036057	0	0	0	0	0	0
0.01297	0	0	0	0	0	0
0.018807	0	0	0	0	0	0
0.017375	0	0	0	0	0	0
0.015091	0	0	0	0	0	0
0.010651	0	0	0	0	0	0
0.051546	0	0	0	0	0	0
0.002933	0	0	0	0	0	0
0.011095	0	0	0	0	0	0
0.003513	0	0	0	0	0	0
0.038243	0	0	0	0	0	0
0.009948	0	0	0	0	0	0
0.006667	0	0	0	0	0	0
0.01401	0	0	0	0	0	0
0.00819	0	0	0	0	0	0
0.010012	0	0	0	0	0	0
0.018234	0	0	0	0	0	0
0.00675	0	0	0	0	0	0
0.014197	0	0	0	0	0	0
0.008723	0	0	0	0	0	0
0.007933	0	0	0	0	0	0
0.017546	0	0	0	0	0	0
0.007315	0	0	0	0	0	0
0.133086	0.04	0	0	0	0	0
0.009606	0	0	0	0	0	0
0.010481	0	0	0	0	0	0
0.008453	0	0	0	0	0	0
0.062422	0	0	0	0	0	0
0.012544	0	0	0	0	0	0
0.056229	0	0	0	0	0	0
0.027657	0	0	0	0	0	0
0.006206	0	0	0	0	0	0
0.115708	0.01	0	0	0	0	0
0.024121	0	0	0	0	0	0
0.039048	0	0	0	0	0	0
0.042809	0	0	0	0	0	0
0.096516	0	0	0	0	0	0
0.046339	0	0	0	0	0	0

0.1432	0.04	0	0	0	0	0
0.080742	0	0	0	0	0	0
0.104608	0.01	0	0	0	0	0
0.148234	0	0	0	0	0	0
0.080084	0	0	0	0	0	0
0.048312	0	0	0	0	0	0
0.260729	0	0	0	0	0	0
0.174294	0.05	0	0	0	0	0
0.021454	0	0	0	0	0	0
0.005777	0	0	0	0	0	0
0.001449	0	0	0	0	0	0
0.005216	0	0	0	0	0	0
0.009473	0	0	0	0	0	0
0.008044	0	0	0	0	0	0
0.020268	0	0	0	0	0	0
0.0081	0	0	0	0	0	0
0.015857	0	0	0	0	0	0
0.00925	0	0	0	0	0	0
0.078594	0	0	0	0	0	0
0.041507	0	0	0	0	0	0
0.052004	0	0	0	0	0	0
0.054235	0	0	0	0	0	0
0.057143	0	0	0	0	0	0
0.051362	0	0	0	0	0	0
0.074932	0	0	0	0	0	0
0.087454	0	0	0	0	0	0
0.086596	0	0	0	0	0	0
0.025643	0	0	0	0	0	0
0.010797	0	0	0	0	0	0
0.037587	0	0	0	0	0	0
0.012181	0	0	0	0	0	0
0.769756	0.22	0	0	0	0	0
0.093042	0	0	0	0	0	0
0.07801	0	0	0	0	0	0
0.044154	0	0	0	0	0	0
0.10004	0	0	0	0	0	0
0.761232	0.01	0	0	0	0	0
0.007179	0	0	0	0	0	0
0.006691	0	0	0	0	0	0
0.027482	0	0	0	0	3	3
0.043816	0	3	0	0	0	3
0.085439	0	0	0	0	0	0
0.119513	0	0	0	0	0	0
0.004736	0	0	0	0	0	0
0.006029	0	0	0	0	0	0
0.109512	0.09	0	0	0	0	0
0.000966	0	0	0	0	0	0
0.056828	0	0	0	11	3	14
0.003957	0	17	0	0	0	17
0.02039	0	0	0	0	0	0

0.181103	0	4	14	39	0	57
0.001041	0	0	0	0	0	0
0.005989	0	0	0	0	0	0
0.00839	0	0	0	0	0	0
0.010333	0	0	0	0	0	0
0.008115	0	0	0	0	0	0
0.011598	0	0	0	0	0	0
0.004765	0	0	0	0	11	11
0.121234	0	11	24	35	2	72
0.218866	0.03	2	0	1	19	22
0.880687	0.37	0	0	0	0	0
0.184863	0	0	0	0	0	0
0.079333	0	0	0	0	0	0
0.029643	0	0	0	0	0	0
0.006964	0	0	0	0	0	0
0.008315	0	0	0	0	0	0
0.091442	0	0	0	0	0	0
0.013556	0	0	0	0	0	0
0.067824	0	0	0	0	0	0
0.117645	0	0	0	0	0	0
0.039037	0	0	0	0	0	0
0.03454	0	0	0	0	0	0
0.005502	0	0	0	0	0	0
0.028162	0	0	0	0	2	2
0.005012	0	2	0	0	0	2
0.087253	0.14	0	2	0	0	2
0.004247	0	0	0	0	0	0
0.037637	0	0	0	0	0	0
0.006531	0	0	0	0	0	0
0.134712	0	0	0	0	0	0
0.122454	0	0	6	6	0	12
0.193582	0	0	9	9	8	26
0.003104	0	0	0	0	0	0
0.003941	0	0	0	0	0	0
0.008421	0	0	0	0	0	0
0.012623	0	0	0	0	0	0
0.00773	0	0	0	0	0	0
0.046314	0	0	0	0	0	0
0.022468	0	0	0	0	0	0
0.031832	0	0	0	0	0	0
0.081567	0	0	0	0	1	1
0.226909	0	1	0	0	0	1
0.014282	0	0	0	0	0	0
0.010402	0	0	0	0	0	0
0.321329	0.04	0	0	0	0	0
0.01724	0	0	0	0	0	0
0.005174	0	0	0	0	0	0
0.055401	0	0	0	0	0	0
0.219392	0.18	0	0	15	36	51
0.037701	0	0	0	0	0	0

0.046101	0	0	0	0	0	0
0.008802	0	0	0	0	0	0
0.01216	0	0	0	0	0	0
0.008754	0	0	0	0	0	0
0.030435	0	0	0	0	0	0
0.248005	0.06	0	0	0	0	0
0.002179	0	0	0	0	0	0
0.00476	0	0	0	0	0	0
0.002964	0	0	0	0	0	0
0.002197	0	0	0	0	0	0
0.001834	0	0	0	0	9	9
0.165672	0.12	9	19	16	0	44
0.53142	0.13	7	0	0	0	7
0.021265	0	0	0	0	0	0
0.042715	0	0	0	0	0	0
0.01638	0.04	0	0	0	0	0
0.009027	0.01	0	0	0	0	0
0.114646	0	0	0	0	0	0
0.009221	0	0	0	0	0	0
0.08842	0	0	0	0	0	0
0.131558	0	0	5	0	0	5
0.21302	0	0	0	4	0	4
0.105259	0	0	0	0	0	0
0.780247	0	0	0	0	0	0
0.001643	0	0	0	0	0	0
0.003901	0	0	0	0	0	0
0.008305	0	0	0	0	0	0
0.001532	0	0	0	0	0	0
0.006559	0	0	0	0	0	0
0.017231	0	0	0	0	0	0
0.005445	0	0	0	0	0	0
0.01133	0	0	0	0	0	0
0.016112	0	0	0	0	0	0
0.007851	0	0	0	0	0	0
0.145195	0	0	0	0	0	0
0.000059	0	0	0	0	0	0
0.028054	0	0	0	0	0	0
0.017941	0	0	0	0	0	0
0.024112	0	0	0	0	0	0
0.006821	0	0	0	0	0	0
0.024921	0	0	0	0	3	3
0.007533	0	0	0	0	0	0
0.006867	0	0	0	0	0	0
0.046372	0	0	0	0	0	0
0.01136	0	0	0	0	0	0
0.013123	0	0	0	0	0	0
0.014432	0	0	0	0	0	0
0.023167	0	0	0	0	0	0
0.026909	0	0	0	0	0	0
0.026618	0	0	0	0	0	0

0.012516	0	0	0	0	0	0
0.012346	0	0	0	0	0	0
0.011893	0	0	0	0	0	0
0.007789	0	0	0	0	0	0
0.008306	0	0	0	0	0	0
0.019721	0	0	0	0	0	0
0.01772	0	0	0	0	5	5
0.012033	0	5	0	0	0	5
0.012939	0	0	0	0	0	0
0.014112	0	0	0	0	0	0
0.01568	0	0	0	0	0	0
0.097435	0	0	0	0	0	0
0.024189	0	0	0	0	0	0
0.05331	0	0	0	0	0	0
0.088132	0	0	0	0	0	0
0.025314	0	0	0	0	0	0
0.109312	0	0	0	0	0	0
0.523297	0	0	0	0	0	0
0.181623	0	0	0	0	0	0
0.061329	0	0	0	0	0	0
0.34834	0.02	0	0	0	0	0
0.052755	0	0	0	0	0	0
0.021418	0	0	0	0	0	0
0.039268	0	0	0	0	0	0
0.01843	0	0	0	0	0	0
0.027092	0	0	0	0	0	0
0.013148	0	0	0	0	0	0
0.010724	0	0	0	0	0	0
0.0939	0	0	0	0	0	0
0.090772	0	0	0	0	0	0
0.020598	0	0	0	0	0	0
0.059994	0	0	0	0	0	0
0.010649	0	0	0	0	0	0
0.007181	0	0	0	0	0	0
0.021803	0	0	0	0	0	0
0.030815	0	0	0	0	0	0
0.004307	0	0	0	0	0	0
0.054095	0	0	0	0	0	0
0.049721	0	0	0	0	0	0
0.03284	0	0	0	0	0	0
0.016607	0	0	0	0	0	0
0.017221	0	0	0	0	0	0
0.013537	0	0	0	0	0	0
0.014981	0	0	0	0	0	0
0.007428	0	0	0	0	0	0
0.056441	0	0	0	0	0	0
0.070037	0	0	0	0	0	0
0.047881	0	0	0	0	0	0
0.246009	0	0	0	0	0	0
0.115799	0	0	0	0	0	0

0.087919	0	0	0	0	0	0
0.039325	0	0	0	0	0	0
0.057661	0	0	0	0	0	0
0.049504	0	0	0	0	0	0
0.045019	0	0	0	0	0	0
0.045274	0	0	0	0	0	0
0.03579	0	0	0	0	0	0
0.024608	0	0	0	0	0	0
0.063734	0	0	0	0	0	0
0.036209	0	0	0	0	0	0
0.016645	0	0	0	0	0	0
0.020169	0	0	0	0	0	0
0.034386	0	0	0	0	0	0
0.025992	0	0	0	0	0	0
0.039312	0	0	0	0	0	0
0.040916	0	0	0	0	0	0
0.029019	0	0	0	0	0	0
0.020508	0	0	0	0	0	0
0.05192	0	0	0	0	0	0
0.262057	0	0	0	0	0	0
0.210757	0	0	4	4	0	8
0.039186	0	0	0	0	0	0
0.057072	0	0	0	0	0	0
0.236954	0	0	0	0	0	0
0.080095	0	0	0	0	0	0
0.370188	0	0	0	0	0	0
0.339257	0	0	0	0	0	0
0.170399	0	0	0	0	0	0
0.0728	0	0	0	0	0	0
0.08851	0	0	0	0	0	0
0.101823	0	0	0	0	0	0
0.035953	0	0	0	0	0	0
0.065355	0	0	0	0	0	0
0.04768	0	0	0	0	0	0
0.004131	0	0	0	0	0	0
0.00253	0	0	0	0	0	0
0.00213	0	0	0	0	0	0
0.003166	0	0	0	0	0	0
0.003129	0	0	0	0	0	0
0.004266	0	0	0	0	0	0
0.002807	0	0	0	0	0	0
0.011597	0	0	0	0	0	0
0.002579	0	0	0	0	0	0
0.005022	0	0	0	0	0	0
0.001522	0	3	0	0	0	3
0.001089	0	0	0	0	0	0
0.001299	0	0	0	0	7	7
0.010148	0	7	0	0	0	7
0.002772	0	0	0	0	0	0
0.027358	0	0	0	0	0	0



0.055582	0	0	0	0	0	0
0.046501	0	0	0	0	0	0
0.171628	0.01	0	0	0	0	0
0.03435	0	0	0	0	0	0
0.010195	0	0	0	0	0	0
0.02468	0	0	0	0	0	0
0.023403	0	0	0	0	0	0
0.003798	0	0	0	0	0	0
0.004959	0	0	0	0	0	0
0.033266	0	0	0	0	0	0
0.011551	0	0	0	0	0	0
0.010933	0	0	0	0	0	0
0.004047	0	0	0	0	0	0
0.003812	0	0	0	0	0	0
0.005798	0	0	0	0	0	0
0.014693	0	0	0	0	0	0
0.007837	0	0	0	0	0	0
0.008197	0	0	0	0	0	0
0.023289	0	0	0	0	0	0
0.01267	0	0	0	0	0	0
0.002178	0	0	0	0	0	0
0.013947	0	0	0	0	0	0
0.005521	0	0	0	0	0	0
0.016932	0	0	0	0	0	0
0.026717	0	0	0	0	0	0
0.030741	0	0	0	0	0	0
0.019576	0	0	0	0	0	0
0.020605	0	0	0	0	0	0
0.047436	0	0	0	0	0	0
0.06368	0	0	0	0	0	0
0.027012	0	0	0	0	0	0
0.037141	0	0	0	0	0	0
0.043831	0	0	0	0	0	0
0.032691	0	0	0	0	0	0
0.030061	0	0	0	0	0	0
0.018654	0	0	0	0	0	0
0.002359	0	0	0	0	0	0
0.004638	0	0	0	0	0	0
0.000378	0	0	0	0	0	0
0.001947	0	0	0	0	0	0
0.00129	0	0	0	0	0	0
0.002146	0	0	0	0	0	0
0.005361	0	0	0	0	0	0
0.00173	0	0	0	0	0	0
0.000976	0	0	0	0	0	0
0.001946	0	0	0	0	0	0
0.001333	0	0	0	0	0	0
0.034281	0	0	0	0	0	0
0.014542	0	0	0	0	0	0
0.020511	0	0	0	0	0	0

0.065716	0	0	0	0	0	0
0.088702	0	0	0	0	0	0
0.013449	0	0	0	0	0	0
0.045555	0	0	0	0	0	0
0.049961	0	0	0	0	0	0
0.031123	0	0	0	0	0	0
0.020445	0	0	0	0	0	0
0.052931	0	0	0	0	0	0
0.068742	0	0	0	0	0	0
0.005489	0	0	0	0	0	0
0.005362	0	0	0	0	0	0
0.006162	0	0	0	0	0	0
0.007084	0	0	0	0	0	0
0.00738	0	0	0	0	0	0
0.005388	0	0	0	0	0	0
0.005319	0	0	0	0	0	0
0.005373	0	0	0	0	0	0
0.003775	0	0	0	0	0	0
0.007369	0	0	0	0	0	0
0.063399	0	0	0	0	0	0
0.013449	0	0	0	0	0	0
0.044392	0	0	0	0	0	0
0.039531	0	0	0	0	0	0
0.035881	0	0	0	0	0	0
0.043107	0	0	0	0	0	0
0.027095	0	0	0	0	0	0
0.01852	0	0	0	0	0	0
0.088127	0	0	0	0	0	0
0.008248	0	0	0	0	0	0
0.005475	0	0	0	0	0	0
0.00769	0	0	0	0	0	0
0.016109	0	0	0	0	0	0
0.010249	0	0	0	0	0	0
0.107898	0	0	0	0	3	3
0.085205	0.01	0	0	0	0	0
0.025354	0	3	0	0	0	3
0.033446	0	0	0	0	0	0
0.146949	0.02	0	0	0	0	0
0.098259	0	0	0	0	0	0
0.07472	0	0	0	0	0	0
0.015873	0	0	0	0	0	0
0.047652	0	0	0	0	0	0
0.186017	0.08	0	0	0	0	0
0.04402	0	0	0	0	0	0
0.149709	0	0	0	0	0	0
0.050527	0	0	0	0	0	0
0.073836	0	0	0	0	0	0
0.105924	0	0	0	0	0	0
0.148097	0	0	0	0	0	0
0.085136	0	0	0	0	0	0

0.021453	0	0	0	0	0	0
0.048205	0	0	0	0	0	0
0.03467	0	0	0	0	0	0
0.027322	0	0	0	0	0	0
0.015295	0	0	0	0	0	0
0.026451	0	0	0	0	0	0
0.020144	0	0	0	0	0	0
0.090982	0	0	0	0	0	0
0.018242	0	0	0	0	0	0
0.025301	0	0	0	0	0	0
0.097525	0	0	0	0	0	0
0.065778	0	0	0	0	0	0
0.109372	0	0	0	0	0	0
0.143966	0	0	0	0	0	0
0.393164	0	0	0	0	0	0
0.107373	0	0	0	0	0	0
0.443161	0	0	0	0	0	0
0.093962	0	0	0	0	0	0
0.054601	0	0	0	0	0	0
0.031602	0	0	0	0	0	0
0.008268	0	0	0	0	0	0
0.039097	0	0	0	0	0	0
0.049193	0	0	0	0	0	0
0.797313	0	0	0	0	0	0
0.02903	0	0	0	0	0	0
0.008279	0	0	0	0	0	0
0.032806	0	0	0	0	0	0
0.008428	0	0	0	0	0	0
0.015836	0	0	0	0	0	0
0.015228	0	0	0	0	0	0
0.023736	0	0	0	0	0	0
0.013185	0	0	0	0	0	0
0.007563	0	0	0	0	0	0
0.019431	0	0	0	0	0	0
0.019341	0	0	0	0	0	0
0.014319	0	0	0	0	0	0
0.020495	0	0	0	0	0	0
0.014368	0	0	0	0	0	0
0.048554	0	0	0	0	0	0
0.067363	0	0	0	0	0	0
0.009369	0	0	0	0	0	0
0.011084	0	0	0	0	0	0
0.154048	0	0	0	0	0	0
0.018239	0	0	0	0	0	0
0.014301	0	0	0	0	0	0
0.025841	0	0	0	0	0	0
0.007331	0	0	0	0	0	0
0.022163	0	0	0	0	0	0
0.016126	0	0	0	0	0	0
0.017064	0	0	0	0	0	0

0.018672	0	0	0	0	0	0
0.024719	0	0	0	0	2	2
0.014029	0	2	0	0	0	2
0.012461	0	0	0	0	0	0
0.026702	0	0	0	0	0	0
0.196788	0.02	0	0	0	0	0
0.082359	0	0	0	0	0	0
0.128923	0	0	0	0	0	0
0.06111	0	0	0	0	0	0
0.038914	0	0	0	0	0	0
0.054324	0	0	0	0	0	0
0.100424	0	0	0	0	0	0
0.117627	0	0	0	0	0	0
0.091055	0	0	0	0	0	0
0.484634	0.18	0	0	0	0	0
0.107146	0	0	0	0	0	0
0.30899	0.08	0	0	0	0	0
0.070295	0	0	0	0	0	0
0.195123	0	0	0	0	0	0
0.26108	0	0	0	0	0	0
0.050162	0	0	0	0	0	0
0.041081	0	0	0	0	0	0
0.054845	0	0	0	0	0	0
0.055829	0	0	0	0	0	0
0.055681	0	0	0	0	0	0
0.038431	0	0	0	0	0	0
0.049267	0	0	0	0	0	0
0.215868	0	0	0	0	0	0
0.102479	0	0	0	0	0	0
0.034704	0	0	0	0	0	0
0.035759	0	0	0	0	0	0
0.035484	0	0	0	0	0	0
0.046347	0	0	0	0	0	0
0.037317	0	0	0	0	0	0
0.038295	0	0	0	0	0	0
0.04836	0	0	0	0	0	0
0.019478	0	0	0	0	0	0
0.050921	0	0	0	0	0	0
0.234696	0	0	0	0	0	0
0.046595	0	0	0	0	0	0
0.102076	0	0	0	0	0	0
0.245474	0	0	0	0	0	0
0.155777	0	0	0	0	0	0
0.030541	0	0	0	0	0	0
0.433807	0	0	0	0	0	0
0.035969	0	0	0	0	0	0
0.036983	0	0	0	0	0	0
0.362462	0	0	0	0	0	0
0.02131	0	0	0	0	0	0
0.129118	0	0	0	0	0	0

0.07378	0	0	0	0	0	0
0.281435	0	0	0	0	0	0
0.065824	0	0	0	0	0	0
0.535493	0.1	0	0	0	0	0
0.056875	0	0	0	0	0	0
0.042625	0	0	0	0	0	0
0.019862	0	0	0	0	0	0
0.197719	0	0	0	0	0	0
0.120713	0.01	0	0	0	0	0
0.031824	0	0	0	0	0	0
0.108117	0	0	0	0	0	0
0.165898	0	0	0	0	0	0
0.0051	0	0	0	0	0	0
0.308516	0.06	0	0	0	0	0
0.145229	0	0	0	0	0	0
0.125104	0.03	0	0	0	0	0
0.002	0	0	0	0	0	0
0.009575	0	0	0	0	0	0
0.13059	0	0	0	0	0	0
0.228929	0.05	0	0	0	0	0
0.988963	0	0	0	0	0	0
0.581868	0	0	0	0	0	0
0.046845	0	0	0	0	0	0
0.060701	0	0	0	0	0	0
0.034734	0	0	0	0	0	0
0.045264	0	0	0	0	0	0
0.022983	0	0	0	0	0	0
0.017527	0	0	0	0	0	0
0.021834	0	0	0	0	0	0
0.029282	0	0	0	0	0	0
0.036925	0	0	0	0	0	0
0.020085	0	0	0	0	0	0
0.02274	0	0	0	0	0	0
0.041488	0	0	0	0	0	0
0.026362	0	0	0	0	0	0
0.028272	0	0	0	0	0	0
0.029015	0	0	0	0	0	0
0.014188	0	0	0	0	0	0
0.017783	0	0	0	0	0	0
0.017943	0	0	0	0	0	0
0.018055	0	0	0	0	0	0
0.014144	0	0	0	0	0	0
0.00781	0	0	0	0	0	0
0.011544	0	0	0	0	0	0
0.036973	0	0	0	0	0	0
0.009434	0	0	0	0	0	0
0.028851	0	0	0	0	0	0
0.011563	0	0	0	0	0	0
0.011257	0	0	0	0	0	0
0.049635	0	0	0	0	0	0

0.048347	0	0	0	0	0	0
0.043129	0	0	0	0	0	0
0.026157	0	0	0	0	0	0
0.033498	0	0	0	0	0	0
0.030955	0	0	0	0	0	0
0.0317	0	0	0	0	0	0
0.017057	0	0	0	0	0	0
0.020964	0	0	0	0	0	0
0.014486	0	0	0	0	0	0
0.014487	0	0	0	0	0	0
0.00995	0	0	0	0	0	0
0.009016	0	0	0	0	0	0
0.009101	0	0	0	0	0	0
0.01536	0	0	0	0	0	0
0.007188	0	0	0	0	0	0
0.007694	0	0	0	0	0	0
0.010697	0	0	0	0	0	0
0.012165	0	0	0	0	0	0
0.012476	0	0	0	0	0	0
0.007735	0	0	0	0	0	0
0.006527	0	0	0	0	0	0
0.004466	0	0	0	0	0	0
0.006424	0	0	0	0	0	0
0.004845	0	0	0	0	0	0
0.00442	0	0	0	0	0	0
0.003239	0	0	0	0	0	0
0.0024	0	0	0	0	0	0
0.012399	0	0	0	0	0	0
0.004369	0	0	0	0	0	0
0.002637	0	0	0	0	0	0
0.006806	0	0	0	0	0	0
0.019039	0	0	0	0	0	0
0.015489	0	0	0	0	0	0
0.011056	0	0	0	0	0	0
0.016581	0	0	0	0	0	0
0.010311	0	0	0	0	0	0
0.014341	0	0	0	0	0	0
0.00952	0	0	0	0	0	0
0.006438	0	0	0	0	0	0
0.010017	0	0	0	0	0	0
0.04172	0	0	0	0	0	0
0.405022	0.17	0	0	0	0	0
0.011735	0	0	0	0	0	0
0.01248	0	0	0	0	0	0
0.015377	0	0	0	0	0	0
0.011522	0	0	0	0	0	0
0.006085	0	0	0	0	1	1
0.004291	0	1	0	0	0	1
0.020844	0	0	0	0	0	0
0.002186	0	0	0	0	0	0

0.006954	0	0	0	0	0	0
0.003925	0	0	0	0	0	0
0.008341	0	0	0	0	0	0
0.003027	0	0	0	0	0	0
0.008675	0	0	0	0	0	0
0.008669	0	0	0	0	0	0
0.006976	0	0	0	0	0	0
0.006252	0	0	0	0	0	0
0.005296	0	0	0	0	0	0
0.003261	0	0	0	0	0	0
0.004521	0	0	0	0	0	0
0.005234	0	0	0	0	0	0
0.00624	0	0	0	0	0	0
0.054781	0	0	0	0	0	0
0.030777	0	0	0	0	0	0
0.033092	0	0	0	0	0	0
0.025016	0	0	0	0	0	0
0.036164	0	0	0	0	0	0
0.041022	0	0	0	0	0	0
0.058303	0	0	0	0	0	0
0.027331	0	0	0	0	0	0
0.018329	0	0	0	0	0	0
0.025826	0	0	0	0	0	0
0.078288	0	0	0	0	0	0
0.058106	0	0	0	0	0	0
0.049527	0	0	0	0	0	0
0.11149	0	0	0	0	0	0
0.033523	0	0	0	0	0	0
0.03406	0	0	0	0	0	0
0.015896	0	0	0	0	0	0
0.062115	0	0	0	0	0	0
0.010401	0	0	0	0	0	0
0.017251	0	0	0	0	0	0
0.015451	0	0	0	0	0	0
0.023478	0	0	0	0	0	0
0.196169	0	0	0	0	0	0
0.023307	0	0	0	0	0	0
0.232237	0	0	0	0	0	0
0.341127	0	0	0	0	0	0
0.029469	0	0	0	0	0	0
0.018124	0	0	0	0	0	0
0.010011	0	0	0	0	0	0
0.010912	0	0	0	0	0	0
0.009494	0	0	0	0	0	0
0.014646	0	0	0	0	0	0
0.010012	0	0	0	0	0	0
0.074946	0	0	0	0	0	0
0.069954	0	0	0	0	0	0
0.036374	0	0	0	0	0	0
0.0224	0	0	0	0	0	0

0.032534	0	0	0	0	0	0
0.060737	0	0	0	0	0	0
0.043482	0	0	0	0	0	0
0.209685	0	0	0	0	0	0
0.046991	0	0	0	0	0	0
0.019734	0	0	0	0	0	0
0.036247	0	0	0	0	0	0
0.028685	0	0	0	0	0	0
0.029368	0	0	0	0	0	0
0.071994	0	0	0	0	0	0
0.02921	0	0	0	0	0	0
0.164808	0	0	0	0	0	0
0.022001	0	0	0	0	0	0
0.013893	0.02	0	0	0	0	0
0.016057	0	0	0	0	0	0
0.057332	0	0	0	0	0	0
0.034276	0	0	0	0	0	0
0.015973	0	0	0	0	0	0
0.040776	0	0	0	0	0	0
0.018615	0	0	0	0	0	0
0.085495	0.02	0	0	0	0	0
0.011939	0	0	0	0	0	0
0.006382	0	0	0	0	0	0
0.010561	0	0	0	0	0	0
0.015109	0	0	0	0	0	0
0.049686	0	0	0	0	0	0
0.026952	0	0	0	0	0	0
0.016577	0	0	0	0	0	0
0.008839	0	0	0	0	0	0
0.049492	0	0	0	0	0	0
0.021908	0	0	0	0	0	0
0.012785	0	0	0	0	0	0
0.027458	0	0	0	0	0	0
0.009854	0	0	0	0	0	0
0.289567	0	0	0	0	0	0
0.007284	0	0	0	0	0	0
0.014611	0	0	0	0	0	0
0.049826	0	0	0	0	0	0
0.017727	0	0	0	0	0	0
0.012296	0	0	0	0	0	0
0.004432	0	0	0	0	0	0
0.015633	0	0	0	0	2	2
0.077382	0	0	0	0	0	0
0.165079	0	0	0	0	0	0
0.150739	0	0	0	0	0	0
0.022856	0	0	0	0	0	0
0.026328	0	0	0	0	0	0
0.151888	0	0	0	0	0	0
0.058011	0	0	0	0	0	0
0.02612	0	0	0	0	0	0



0.046504	0	0	0	0	0	0
0.029746	0	0	0	0	0	0
0.04652	0	0	0	0	0	0
0.024573	0	0	0	0	0	0
0.033488	0	0	0	0	0	0
0.041394	0	0	0	0	0	0
0.035274	0	0	0	0	0	0
0.033368	0	0	0	0	0	0
0.030743	0	0	0	0	0	0
0.045285	0	0	0	0	0	0
0.034546	0	0	0	0	0	0
0.022474	0	0	0	0	0	0
0.038818	0	0	0	0	0	0
0.03742	0	0	0	0	0	0
0.027708	0	0	0	0	0	0
0.030071	0	0	0	0	0	0
0.016341	0	0	0	0	0	0
0.258841	0	0	0	0	0	0
0.02157	0	0	0	0	9	9
0.025204	0	0	0	0	0	0
0.039555	0	0	0	0	0	0
0.031296	0	0	0	0	0	0
0.044049	0	0	0	0	0	0
0.037095	0	0	0	0	0	0
0.036734	0	0	0	0	0	0
0.03844	0	0	0	0	0	0
0.157232	0	0	9	0	0	9
0.338725	0	0	14	14	0	28
0.329374	0	0	1	0	0	1
0.120822	0	0	0	2	0	2
0.107645	0	0	0	0	0	0
0.332021	0	0	8	8	0	16
0.194049	0	0	0	0	0	0
0.114509	0	0	0	0	0	0
0.05449	0	0	0	0	0	0
0.078752	0	0	0	0	0	0
0.074584	0	0	2	2	0	4
0.05368	0	0	0	0	0	0
0.071099	0	0	0	0	0	0
0.039831	0	0	0	0	0	0
0.035993	0	0	0	0	0	0
0.048716	0	0	0	0	0	0
0.066084	0	0	0	0	0	0
0.01068	0	0	0	0	0	0
0.003598	0	0	0	0	0	0
0.00618	0	0	0	0	0	0
0.002225	0	0	0	0	0	0
0.016719	0	0	0	0	0	0
0.00379	0	0	0	0	0	0
0.007428	0	0	0	0	0	0

0.008523	0	0	0	0	0	0
0.025606	0	0	0	0	0	0
0.021421	0	0	0	0	0	0
0.005959	0	0	0	0	6	6
0.003931	0	0	0	0	0	0
0.054464	0	5	0	0	0	5
0.013948	0	0	0	0	0	0
0.006144	0	0	0	0	0	0
0.004111	0	0	0	0	0	0
0.006349	0	0	0	0	0	0
0.003687	0	0	0	0	0	0
0.001673	0	0	0	0	0	0
0.003118	0	0	0	0	0	0
0.048056	0	0	0	0	0	0
0.053041	0	0	0	0	0	0
0.043329	0	0	0	0	0	0
0.035613	0	0	0	0	0	0
0.029104	0	0	0	0	0	0
0.069597	0	0	0	0	0	0
0.021688	0	0	0	0	0	0
0.035829	0	0	0	0	0	0
0.097366	0	0	0	0	0	0
0.054039	0	0	0	0	0	0
0.043116	0	0	0	0	0	0
0.008763	0	0	0	0	0	0
0.010215	0	0	0	0	0	0
0.006537	0	0	0	0	0	0
0.007374	0	0	0	0	0	0
0.004201	0	0	0	0	0	0
0.007582	0	0	0	0	0	0
0.033817	0	0	0	0	0	0
0.019804	0	0	0	0	0	0
0.009922	0	0	0	0	0	0
0.019753	0	0	0	0	0	0
0.021544	0	0	0	0	0	0
0.018828	0	0	0	0	0	0
0.017746	0	0	0	0	0	0
0.014409	0	0	0	0	0	0
0.012403	0	0	0	0	0	0
0.055962	0	0	0	0	0	0
0.037885	0	0	0	0	0	0
0.032767	0	0	0	0	0	0
0.006761	0	0	0	0	0	0
0.1588	0	0	0	0	0	0
0.088094	0	0	0	0	0	0
0.051384	0	0	0	0	0	0
0.030067	0	0	0	0	0	0
0.014024	0	0	0	0	0	0
0.01743	0	0	0	0	0	0
0.06411	0	0	0	0	0	0

0.017207	0	0	0	0	0	0
0.036341	0	0	0	0	0	0
0.044306	0	0	0	0	0	0
0.018099	0	0	0	0	0	0
0.017705	0	0	0	0	0	0
0.012533	0	0	0	0	0	0
0.017178	0	0	0	0	0	0
0.010762	0	0	0	0	0	0
0.019905	0	0	0	0	0	0
0.018727	0	0	0	0	0	0
0.006988	0	0	0	0	0	0
0.010324	0	0	0	0	0	0
0.009028	0	0	0	0	0	0
0.063598	0	0	0	0	0	0
0.027743	0	0	0	0	0	0
0.043335	0	0	0	0	0	0
0.017572	0	0	0	0	0	0
0.004412	0	0	0	0	0	0
0.009065	0	0	0	0	0	0
0.288277	0.15	0	0	0	0	0
0.017269	0	0	0	0	0	0
0.073825	0	0	0	0	0	0
0.03735	0	0	0	0	0	0
0.007905	0	0	0	0	0	0
0.010268	0	0	0	0	0	0
0.004477	0	0	0	0	0	0
0.00607	0	0	0	0	0	0
0.007182	0	0	0	0	0	0
0.004189	0	0	0	0	0	0
0.010587	0	0	0	0	0	0
0.15174	0	0	0	0	0	0
0.056862	0	0	0	0	0	0
0.073498	0	0	0	0	0	0
0.020097	0	0	0	0	0	0
0.023979	0	0	0	0	0	0
0.02898	0	0	0	0	0	0
0.031148	0	0	0	0	0	0
0.023971	0	0	0	0	0	0
0.057798	0	0	0	0	0	0
0.033361	0	0	0	0	0	0
0.061116	0	0	0	0	0	0
0.078463	0	0	0	0	0	0
0.319532	0	0	0	0	0	0
0.0628	0	0	0	0	0	0
0.037096	0	0	0	0	0	0
0.030786	0	0	0	0	0	0
0.030882	0	0	0	0	0	0
0.022857	0	0	0	0	0	0
0.021558	0	0	0	0	0	0
0.040063	0	0	0	0	0	0

0.040524	0	0	0	0	0	0
0.03009	0	0	0	0	0	0
0.06625	0	0	0	0	0	0
0.019143	0	0	0	0	0	0
0.031108	0	0	0	0	0	0
0.030728	0	0	0	0	0	0
0.036109	0	0	0	0	0	0
0.063352	0	0	0	0	0	0
0.028985	0	0	0	0	0	0
0.030392	0	0	0	0	0	0
0.058484	0	0	0	0	0	0
0.120729	0	0	0	0	0	0
0.041472	0	0	0	0	0	0
0.002023	0	0	0	0	0	0
0.003243	0	0	0	0	0	0
0.00114	0	0	0	0	0	0
0.002484	0	0	0	0	0	0
0.001138	0	0	0	0	0	0
0.002824	0	0	0	0	0	0
0.005227	0	0	0	0	0	0
0.002789	0	0	0	0	0	0
0.001208	0	0	0	0	0	0
0.002664	0	0	0	0	0	0
0.000547	0	0	0	0	0	0
0.002635	0	0	0	0	0	0
0.050243	0	0	0	0	0	0
0.071322	0	0	0	0	0	0
0.063909	0	0	0	0	0	0
0.063012	0	0	0	0	0	0
0.089733	0	0	0	0	0	0
0.068473	0	0	0	0	0	0
0.048073	0	0	0	0	0	0
0.055724	0	0	0	0	0	0
0.06439	0	0	0	0	0	0
0.057119	0	0	0	0	0	0
0.059111	0	0	0	0	0	0
0.054978	0	0	0	0	0	0
0.026455	0	0	0	0	0	0
0.042528	0	0	0	0	0	0
0.018721	0	0	0	0	3	3
0.014856	0	3	0	0	0	3
0.015271	0	0	0	0	0	0
0.002147	0	0	0	0	0	0
0.001044	0	0	0	0	0	0
0.008119	0	0	0	0	0	0
0.058099	0.01	0	0	0	0	0
0.201454	0	0	0	0	0	0
0.066178	0	0	0	0	0	0
0.048636	0	0	0	0	0	0
0.167311	0	0	0	0	0	0

0.132885	0	0	0	0	0	0
0.018166	0	0	0	0	0	0
0.058594	0	0	0	0	0	0
0.064319	0	0	0	0	0	0
0.017404	0	0	0	0	0	0
0.024097	0	0	0	0	0	0
0.086402	0	0	0	0	0	0
0.078799	0	0	0	0	0	0
0.0409	0	0	0	0	0	0
0.042003	0	0	0	0	0	0
0.017731	0	0	0	0	0	0
0.01272	0	0	0	0	0	0
0.009524	0	0	0	0	0	0
0.07739	0	0	0	0	0	0
0.0337	0	0	0	0	0	0
0.037384	0	0	0	0	0	0
0.024369	0	0	0	0	0	0
0.056673	0	0	0	0	0	0
0.238337	0	0	0	0	0	0
0.032094	0	0	0	0	0	0
0.041335	0	0	0	0	0	0
0.053718	0	0	0	0	0	0
0.292361	0.09	0	0	0	0	0
0.061322	0	0	0	0	0	0
0.137387	0	0	0	0	0	0
0.061467	0	0	0	0	0	0
0.003282	0	0	0	0	0	0
0.05603	0	0	0	0	0	0
0.014571	0	0	0	0	0	0
0.01479	0	0	0	0	0	0
0.022328	0	0	0	0	0	0
0.015947	0	0	0	0	0	0
0.037834	0	0	0	0	0	0
0.020972	0	0	0	0	0	0
0.011244	0	0	0	0	0	0
0.03321	0	0	0	0	0	0
0.016694	0	0	0	0	0	0
0.028532	0	0	0	0	0	0
0.006805	0	0	0	0	0	0
0.008096	0	0	0	0	0	0
0.009718	0	0	0	0	0	0
0.006439	0	0	0	0	0	0
0.005349	0	0	0	0	0	0
0.01081	0	0	0	0	0	0
0.006196	0	0	0	0	0	0
0.00502	0	0	0	0	0	0
0.009752	0	0	0	0	0	0
0.036433	0	0	0	0	0	0
0.020215	0	0	0	0	0	0
0.008035	0	0	0	0	0	0

0.013004	0	0	0	0	0	0
0.007323	0	0	0	0	0	0
0.111342	0.07	0	0	0	0	0
0.019201	0	0	0	0	0	0
0.095983	0.04	0	0	0	0	0
0.034457	0	0	0	0	0	0
0.047466	0	0	0	0	0	0
0.062239	0	0	0	0	0	0
0.033706	0	0	0	0	0	0
0.052261	0	0	0	0	0	0
0.046058	0	0	0	0	0	0
0.067977	0	0	0	0	0	0
0.036513	0	0	0	0	0	0
0.031429	0	0	0	0	0	0
0.037824	0	0	0	0	0	0
0.077317	0	0	0	0	0	0
0.069683	0	0	0	0	0	0
0.103707	0	0	0	0	0	0
0.063484	0	0	0	0	0	0
0.086485	0	0	0	0	0	0
0.008523	0	0	0	0	0	0
0.030101	0	0	0	0	0	0
0.067311	0	0	0	0	0	0
0.102548	0	0	0	0	0	0
0.082773	0	0	0	0	0	0
0.025234	0	0	0	0	0	0
0.0213	0	0	0	0	0	0
0.021976	0	0	0	0	0	0
0.07145	0	0	0	0	1	1
0.235271	0	1	0	0	0	1
0.09687	0	0	0	0	0	0
0.040778	0	0	0	0	0	0
0.063916	0	0	0	0	0	0
0.014492	0	4	5	0	0	9
0.003525	0	0	0	0	0	0
0.003335	0	0	0	0	0	0
0.005049	0	0	0	0	0	0
0.006112	0	0	0	0	0	0
0.004547	0	0	0	0	0	0
0.011854	0	0	0	0	0	0
0.00327	0	0	0	0	0	0
0.003522	0	0	0	0	0	0
0.003888	0	0	0	0	0	0
0.004352	0	0	0	0	6	6
0.004626	0	6	0	0	0	6
0.003652	0	0	0	0	0	0
0.002902	0	0	0	0	0	0
0.004778	0	0	0	0	0	0
0.004184	0	0	0	0	0	0
0.025485	0	0	0	0	0	0

0.058031	0	0	0	0	0	0
0.054694	0	0	0	0	0	0
0.015026	0	0	0	0	0	0
0.013599	0	0	0	0	0	0
0.013598	0	0	0	0	0	0
0.029646	0	0	0	0	0	0
0.014627	0	0	0	0	0	0
0.006467	0	0	0	0	0	0
0.008522	0	0	0	0	0	0
0.01611	0	0	0	0	0	0
0.007392	0	0	0	0	0	0
0.004096	0	0	0	0	0	0
0.002613	0	0	0	0	0	0
0.003393	0	0	0	0	0	0
0.00465	0	0	0	0	0	0
0.006461	0	0	0	0	0	0
0.018449	0	0	0	0	0	0
0.006138	0	0	0	0	0	0
0.003273	0	0	0	0	0	0
0.012786	0	0	0	0	0	0
0.053656	0	0	0	0	0	0
0.039806	0	0	0	0	0	0
0.037337	0	0	0	0	0	0
0.033794	0	0	0	0	0	0
0.006982	0	0	0	0	0	0
0.014395	0	0	0	0	0	0
0.010904	0	0	0	0	0	0
0.004797	0	0	0	0	0	0
0.002921	0	0	0	0	0	0
0.006452	0	0	0	0	0	0
0.238337	0	0	0	0	0	0
0.05071	0	0	0	0	0	0
0.015475	0	0	0	0	0	0
0.016915	0	0	0	0	0	0
0.020961	0	0	0	0	0	0
0.014339	0	0	0	0	0	0
0.008327	0	0	0	0	0	0
0.000573	0	0	0	0	0	0
0.003414	0	0	0	0	0	0
0.000929	0	0	0	0	0	0
0.001704	0	0	0	0	0	0
0.000232	0	0	0	0	0	0
0.079624	0	0	0	0	0	0
0.052847	0	0	0	0	0	0
0.086151	0	0	0	0	0	0
0.073808	0.01	0	0	0	0	0
0.019552	0	0	0	0	0	0
0.010384	0	0	0	0	0	0
0.022509	0	0	0	0	0	0
0.026917	0	0	0	0	0	0

0.096515	0	0	0	0	0	0
0.421334	0	0	0	0	0	0
0.011746	0	0	0	0	0	0
0.032413	0	0	0	0	0	0
0.039854	0	0	0	0	0	0
0.025275	0	0	0	0	0	0
0.088017	0	0	0	0	0	0
0.014796	0	0	0	0	0	0
0.117439	0	0	0	0	0	0
0.00663	0	0	0	0	0	0
0.006031	0	0	0	0	0	0
0.013426	0	0	0	0	0	0
0.003532	0	0	0	0	0	0
0.00403	0	0	0	0	0	0
0.004735	0	0	0	0	0	0
0.006347	0	0	0	0	0	0
0.00468	0	0	0	0	0	0
0.223385	0.11	0	0	0	0	0
0.016152	0	0	0	0	0	0
0.01417	0	0	0	0	0	0
0.000979	0	0	0	0	0	0
0.00105	0	0	0	0	0	0
0.001272	0	0	0	0	0	0
0.001772	0	0	0	0	0	0
0.000846	0	0	0	0	0	0
0.000981	0	0	0	0	0	0
0.007626	0	0	0	0	0	0
0.005766	0	0	0	0	0	0
0.001386	0	0	0	0	0	0
0.011922	0	0	0	0	0	0
0.018839	0	0	0	0	0	0
0.010168	0	0	0	0	0	0
0.007217	0	0	0	0	0	0
0.007403	0	0	0	0	0	0
0.007238	0	0	0	0	0	0
0.011539	0	0	0	0	0	0
0.015413	0	0	0	0	0	0
0.009126	0	0	0	0	0	0
0.008745	0	0	0	0	0	0
0.037955	0	0	0	0	0	0
0.015152	0	0	0	0	0	0
0.023005	0	0	0	0	0	0
0.01522	0	0	0	0	0	0
0.02112	0	0	0	0	0	0
0.012464	0	0	0	0	0	0
0.013834	0	0	0	0	0	0
0.008874	0	0	0	0	0	0
0.01207	0	0	0	0	0	0
0.016121	0	0	0	0	0	0
0.010267	0	0	0	0	0	0



0.006819	0	0	0	0	6	6
0.008078	0	6	0	0	0	6
0.006937	0	0	0	0	0	0
0.015729	0	0	0	0	0	0
0.018799	0	0	0	0	0	0
0.0065	0	0	0	0	0	0
0.016408	0	0	0	0	0	0
0.009173	0	0	0	0	0	0
0.024236	0	0	0	0	0	0
0.012211	0	0	0	0	0	0
0.015347	0	0	0	0	0	0
0.066937	0	0	0	0	0	0
0.007293	0	0	0	0	0	0
0.005463	0	0	0	0	0	0
0.00302	0	0	0	0	0	0
0.003597	0	0	0	0	0	0
0.017244	0	0	0	0	0	0
0.008675	0	0	0	0	0	0
0.005569	0	0	0	0	0	0
0.005495	0	0	0	0	0	0
0.00459	0	0	0	0	0	0
0.003742	0	0	0	0	0	0
0.003273	0	0	0	0	0	0
0.004522	0	0	0	0	0	0
0.089159	0	0	0	0	0	0
0.013147	0	0	0	0	0	0
0.0196	0	0	0	0	0	0
0.019918	0	0	0	0	0	0
0.0144	0	0	0	0	0	0
0.012634	0	0	0	0	0	0
0.034076	0	0	0	0	0	0
0.020105	0	0	0	0	0	0
0.010099	0	0	0	0	0	0
0.019505	0	0	0	0	0	0
0.019175	0	0	0	0	0	0
0.008973	0	0	0	0	0	0
0.024627	0	0	0	0	0	0
0.021016	0	0	0	0	0	0
0.011357	0	0	0	0	0	0
0.016877	0	0	0	0	0	0
0.03757	0	0	0	0	0	0
0.014596	0	0	0	0	0	0
0.006838	0	0	0	0	0	0
0.00414	0	0	0	0	0	0
0.002508	0	0	0	0	0	0
0.003447	0	0	0	0	0	0
0.014955	0	0	0	0	0	0
0.003863	0	0	0	0	0	0
0.002435	0	0	0	0	0	0
0.008523	0	0	0	0	0	0

0.013525	0	0	0	0	0	0
0.008835	0	0	0	0	0	0
0.009884	0	0	0	0	0	0
0.008718	0	0	0	0	0	0
0.005864	0	0	0	0	0	0
0.00588	0	0	0	0	0	0
0.004801	0	0	0	0	0	0
0.029094	0	0	0	0	0	0
0.015997	0	0	0	0	0	0
0.036427	0	0	0	0	0	0
0.004988	0	0	0	0	0	0
0.011287	0	0	0	0	0	0
0.00572	0	0	0	0	0	0
0.007336	0	0	0	0	0	0
0.018915	0	0	0	0	0	0
0.019283	0	0	0	0	0	0
0.015591	0	0	0	0	0	0
0.022602	0	0	0	0	0	0
0.034809	0	0	0	0	0	0
0.026873	0	0	0	0	0	0
0.136174	0	0	0	0	0	0
0.12207	0.02	0	0	0	0	0
0.012399	0.02	0	0	0	0	0
0.004672	0	0	0	0	0	0
0.087543	0	0	0	0	0	0
0.18754	0	0	0	0	0	0
0.098442	0.03	0	0	0	0	0
0.070453	0.01	0	0	0	0	0
0.016978	0	0	0	0	0	0
0.005411	0	0	0	0	0	0
0.006185	0	0	0	0	0	0
0.004831	0	0	0	0	0	0
0.007613	0	0	0	0	0	0
0.005767	0	0	0	0	0	0
0.009894	0	0	0	0	0	0
0.031604	0	0	0	0	0	0
0.064231	0	0	0	0	0	0
0.028738	0	0	0	0	0	0
0.041687	0	0	0	0	0	0
0.008415	0	0	0	0	0	0
0.010757	0	0	0	0	0	0
0.011786	0	0	0	0	0	0
0.038766	0	0	0	0	0	0
0.010831	0	0	0	0	0	0
0.011154	0	0	0	0	0	0
0.006989	0	0	0	0	0	0
0.01169	0	0	0	0	0	0
0.014082	0	0	0	0	0	0
0.008673	0	0	0	0	0	0
0.013216	0	0	0	0	0	0

0.033805	0	0	0	0	0	0
0.011597	0	0	0	0	0	0
0.010536	0	0	0	0	0	0
0.011374	0	0	0	0	0	0
0.010962	0	0	0	0	0	0
0.015536	0	0	0	0	0	0
0.018004	0	0	0	0	0	0
0.013631	0	0	0	0	0	0
0.010895	0	0	0	0	0	0
0.189534	0	0	0	0	0	0
0.929708	0	0	0	0	0	0
0.28068	0	0	0	0	0	0
0.030756	0	0	0	0	0	0
0.040988	0	0	0	0	0	0
0.035235	0	0	0	0	0	0
0.065475	0	0	0	0	0	0
0.215648	0	0	0	0	0	0
0.040458	0	0	0	0	0	0
0.259413	0	0	0	0	0	0
0.181377	0	0	0	0	0	0
0.161805	0	0	0	0	0	0
0.054072	0	0	0	0	0	0
0.055605	0	0	0	0	0	0
0.091248	0	0	0	0	0	0
0.042015	0	0	0	0	0	0
0.096374	0	0	0	0	0	0
0.065146	0	0	0	0	0	0
0.043429	0	0	0	0	0	0
0.097613	0	0	0	0	0	0
0.021034	0	0	0	0	0	0
0.14712	0	8	0	0	0	8
0.0111	0	0	0	0	0	0
0.011158	0	0	0	0	0	0
0.004081	0	0	0	0	0	0
0.005271	0	0	0	0	0	0
0.014157	0	0	0	0	0	0
0.011113	0	0	0	0	0	0
0.006845	0	0	0	0	0	0
0.089674	0.02	0	0	0	8	8
0.040116	0	0	0	0	0	0
0.017115	0	0	0	0	0	0
0.025119	0	0	0	0	0	0
0.117981	0	0	0	0	0	0
0.066119	0.03	0	9	0	0	9
0.099817	0	0	0	0	0	0
0.140745	0	0	0	0	0	0
0.119924	0	0	0	0	0	0
0.023712	0	0	0	0	0	0
0.009383	0	0	0	0	0	0
0.004521	0	0	0	0	0	0

0.022342	0	0	0	0	0	0
0.007702	0	0	0	0	0	0
0.002738	0	0	0	0	0	0
0.024579	0	0	0	0	0	0
0.061037	0	0	0	0	0	0
0.011285	0	0	0	0	0	0
0.013528	0	0	0	0	0	0
0.030858	0	0	0	0	0	0
0.008412	0	0	0	0	0	0
0.005848	0	0	0	0	0	0
0.0091	0	0	0	0	0	0
0.034272	0	0	0	0	0	0
0.006082	0	0	0	0	0	0
0.005325	0	0	0	0	0	0
0.003078	0	0	0	0	0	0
0.009989	0	0	0	0	0	0
0.002069	0	0	0	0	0	0
0.002346	0	0	0	0	0	0
0.002101	0	0	0	0	0	0
0.001866	0	0	0	0	0	0
0.04456	0	0	0	0	0	0
0.027259	0	0	0	0	0	0
0.039947	0	0	0	0	0	0
0.030486	0	0	0	0	0	0
0.036927	0	0	0	0	0	0
0.183918	0.01	0	0	0	0	0
0.176991	0.03	0	0	0	0	0
0.167738	0	0	0	0	0	0
0.065961	0	0	0	0	0	0
0.489724	0.15	0	0	0	0	0
0.038681	0	0	0	0	0	0
0.049725	0	0	0	0	0	0
0.059378	0	0	0	0	0	0
0.059367	0	0	0	0	0	0
0.066242	0	0	0	0	0	0
0.068836	0	0	0	0	0	0
0.020443	0	0	0	0	0	0
0.033536	0	0	0	0	0	0
0.091379	0	0	0	0	0	0
0.013122	0	0	0	0	0	0
0.022919	0	0	0	0	0	0
0.308389	0	0	0	0	0	0
0.099126	0	0	0	0	0	0
0.175781	0	0	0	0	0	0
0.040028	0	0	0	0	0	0
0.067486	0	0	0	0	0	0
0.321488	0	0	0	0	0	0
0.029143	0	0	0	0	0	0
0.020235	0	0	0	0	0	0
0.00911	0	0	0	0	0	0

0.01924	0	0	0	0	0	0
0.035574	0	0	0	0	0	0
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0.02882	0	0	0	0	0	0
0.018647	0	0	0	0	0	0
0.028847	0	0	0	0	0	0
0.020427	0	0	0	0	0	0
0.010345	0	0	0	0	0	0
0.031682	0	0	0	0	0	0
0.00474	0	0	0	0	0	0
0.063545	0	0	0	0	0	0
0.053065	0	0	0	0	0	0
0.053693	0	0	0	0	0	0
0.059473	0	0	0	0	0	0
0.06229	0	0	0	0	0	0
0.051013	0	0	0	0	0	0
0.049627	0	0	0	0	0	0
0.031757	0	0	0	0	0	0
0.058003	0	0	0	0	0	0
0.033935	0	0	0	0	0	0
0.110761	0	0	0	0	0	0
0.027445	0	0	0	0	0	0
0.021737	0	0	0	0	0	0
0.038991	0	0	0	0	0	0
0.014716	0	0	0	0	0	0
0.05009	0	0	0	0	0	0
0.062793	0	0	0	0	0	0
0.04404	0	0	0	0	0	0
0.162218	0	0	0	0	0	0
0.076411	0	0	0	0	0	0
0.044445	0	0	0	0	0	0
0.052094	0	0	0	0	0	0
0.047629	0	0	0	0	0	0
0.002472	0	0	0	0	0	0
0.00095	0	0	0	0	0	0
0.000754	0	0	0	0	0	0
0.000684	0	0	0	0	0	0
0.000259	0	0	0	0	0	0
0.000262	0	0	0	0	0	0
0.000201	0	0	0	0	0	0
0.000176	0	0	0	0	0	0
0.000554	0	0	0	0	0	0
0.000504	0	0	0	0	0	0
0.000479	0	0	0	0	0	0
0.000203	0	0	0	0	0	0
0.00015	0	0	0	0	0	0
0.00019	0	0	0	0	0	0
0.000524	0	0	0	0	0	0
0.000354	0	0	0	0	0	0
0.000217	0	0	0	0	0	0

0.000418	0	0	0	0	0	0
0.000289	0	0	0	0	0	0
0.000311	0	0	0	0	0	0
0.00027	0	0	0	0	0	0
0.000553	0	0	0	0	0	0
0.001295	0	0	0	0	0	0
0.005169	0	0	0	0	0	0
0.005168	0	0	0	0	0	0
0.004534	0	0	0	0	0	0
0.848745	0	0	0	0	0	0
0.002427	0	0	0	0	0	0
0.002751	0	0	0	0	0	0
0.003943	0	0	0	0	0	0
0.004826	0	0	0	0	0	0
0.001898	0	0	0	0	0	0
0.001776	0	0	0	0	0	0
0.02181	0	0	0	0	0	0
0.034232	0	0	0	0	0	0
0.023799	0	0	0	0	0	0
0.034337	0.02	0	0	0	0	0
0.037611	0	0	0	0	0	0
0.027854	0	0	0	0	0	0
0.020978	0	0	0	0	0	0
0.020828	0	0	0	0	0	0
0.023989	0	0	0	0	0	0
0.110933	0	0	0	0	0	0
0.022536	0	0	0	0	0	0
0.019527	0	0	0	0	0	0
0.008066	0	0	0	0	0	0
0.008632	0	0	0	0	0	0
0.016951	0	0	0	0	0	0
0.088461	0	0	0	0	0	0
0.012385	0	0	0	0	0	0
0.010429	0	0	0	0	0	0
0.013687	0	0	0	0	0	0
0.012732	0	0	0	0	0	0
0.028243	0	0	0	0	0	0
0.056043	0	0	0	0	0	0
0.004372	0	0	0	0	0	0
0.039514	0	0	0	0	0	0
0.008495	0	0	0	0	0	0
0.020317	0	0	0	0	0	0
0.007007	0	0	0	0	0	0
0.01431	0	0	0	0	0	0
0.010242	0	0	0	0	0	0
0.007728	0	0	0	0	0	0
0.032993	0	0	0	0	0	0
0.024339	0	0	0	0	0	0
0.004078	0	0	0	0	0	0
0.001156	0	0	0	0	0	0

0.001383	0	0	0	0	0	0
0.002918	0	0	0	0	0	0
0.002399	0	0	0	0	0	0
0.000111	0	0	0	0	0	0
0.00165	0	0	0	0	0	0
0.001526	0	0	0	0	0	0
0.001588	0	0	0	0	0	0
0.000932	0	0	0	0	0	0
0.001839	0	0	0	0	0	0
0.048845	0	0	0	0	0	0
0.091474	0	0	0	0	0	0
0.039388	0	0	0	0	0	0
0.045719	0	0	0	0	0	0
0.037051	0	0	0	0	0	0
0.065324	0	0	0	0	0	0
0.088541	0	0	0	0	0	0
0.036665	0	0	0	0	0	0
0.024119	0	0	0	0	2	2
0.033315	0	2	0	0	0	2
0.032077	0	0	0	0	0	0
0.084057	0	0	0	0	0	0
0.095392	0	0	0	0	0	0
0.044949	0	0	0	0	0	0
0.052621	0	0	0	0	0	0
0.053883	0	0	0	0	0	0
0.060307	0	0	0	0	0	0
0.025	0	0	0	0	0	0
0.042152	0	0	0	0	0	0
0.032142	0	0	0	0	0	0
0.219964	0	0	0	0	0	0
0.087398	0	0	0	0	0	0
0.01866	0	0	0	0	0	0
0.01137	0	0	0	0	0	0
0.016387	0	0	0	0	0	0
0.020786	0	0	0	0	0	0
0.015836	0	0	0	0	0	0
0.020865	0	0	0	0	4	4
0.008255	0	0	0	0	0	0
0.068171	0	4	0	0	0	4
0.032005	0	0	0	0	0	0
0.014551	0	0	0	0	0	0
0.068634	0	0	0	0	0	0
0.056545	0	0	0	0	0	0
0.034444	0	0	0	0	0	0
0.054779	0	0	0	0	0	0
0.008421	0	0	0	0	0	0
0.148819	0	0	0	0	0	0
0.018709	0	0	0	0	0	0
0.153403	0	0	0	0	0	0
0.061892	0	0	0	0	0	0

0.015012	0	0	0	0	0	0
0.015021	0	0	0	0	0	0
0.011264	0	0	0	0	0	0
0.008026	0	0	0	0	0	0
0.014794	0	0	0	0	0	0
0.021936	0	0	0	0	0	0
0.025233	0	0	0	0	0	0
0.082145	0	0	0	0	0	0
0.041502	0	0	0	0	0	0
0.043133	0	0	0	0	0	0
0.039787	0	0	0	0	0	0
0.037995	0	0	0	0	0	0
0.045989	0	0	0	0	0	0
0.058106	0	0	0	0	0	0
0.14278	0	0	0	0	0	0
0.002989	0	0	0	0	0	0
0.007076	0	0	0	0	0	0
0.056928	0	0	0	0	0	0
0.063606	0	0	0	0	0	0
0.043833	0	0	0	0	0	0
0.051669	0	0	0	0	0	0
0.01908	0	0	0	0	0	0
0.01767	0	0	0	0	0	0
0.01251	0	0	0	0	0	0
0.06501	0	0	0	0	0	0
0.032729	0	0	0	0	0	0
0.020039	0	0	0	0	0	0
0.013592	0	0	0	0	0	0
0.021292	0	0	0	0	0	0
0.021529	0	0	0	0	0	0
0.035878	0	0	0	0	0	0
0.048497	0	0	0	0	0	0
0.013379	0	0	0	0	0	0
0.017209	0	0	0	0	0	0
0.067317	0	0	0	0	0	0
0.031601	0	0	0	0	0	0
0.186767	0	0	0	0	0	0
0.113404	0	0	0	0	0	0
0.050966	0	0	0	0	0	0
0.022878	0	0	0	0	0	0
0.021761	0	0	0	0	0	0
0.016458	0	0	0	0	0	0
0.050385	0	0	0	0	0	0
0.02168	0	0	0	0	0	0
0.020119	0	0	0	0	0	0
0.012636	0	0	0	0	0	0
0.005906	0	0	0	0	0	0
0.010331	0	0	0	0	0	0
0.015239	0	0	0	0	0	0
0.010544	0	0	0	0	0	0



0.019496	0	0	0	0	0	0
0.008525	0	0	0	0	0	0
0.041124	0	0	0	0	0	0
0.012804	0	0	0	0	0	0
0.013922	0	0	0	0	0	0
0.049995	0	0	0	0	0	0
0.015645	0	0	0	0	0	0
0.015628	0	0	0	0	0	0
0.02151	0	0	0	0	0	0
0.016384	0	0	0	0	0	0
0.036788	0	0	0	0	0	0
0.04395	0	0	0	0	0	0
0.010203	0	0	0	0	0	0
0.008446	0	0	0	0	0	0
0.006349	0	0	0	0	0	0
0.006336	0	0	0	0	0	0
0.007527	0	0	0	0	0	0
0.007883	0	0	0	0	0	0
0.020632	0	0	0	0	0	0
0.008729	0	0	0	0	0	0
0.028403	0	0	0	0	0	0
0.008763	0	0	0	0	0	0
0.008099	0	0	0	0	0	0
0.009856	0	0	0	0	0	0
0.022198	0	0	0	0	0	0
0.009279	0	0	0	0	0	0
0.012281	0	0	0	0	0	0
0.021308	0	0	0	0	0	0
0.014837	0	0	0	0	0	0
0.012116	0	0	0	0	0	0
0.03206	0	0	0	0	0	0
0.01392	0	0	0	0	0	0
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0.011296	0	0	0	0	0	0
0.017196	0	0	0	0	0	0
0.021401	0	0	0	0	0	0
0.016955	0	0	0	0	0	0
0.009086	0	0	0	0	0	0
0.010694	0	0	0	0	0	0
0.008667	0	0	0	0	0	0
0.007597	0	0	0	0	0	0
0.00722	0	0	0	0	0	0
0.100001	0	0	0	0	0	0
0.003812	0	0	0	0	0	0
0.005986	0	0	0	0	0	0
0.005332	0	0	0	0	0	0
0.019787	0	0	0	0	0	0
0.007667	0	0	0	0	0	0
0.009484	0	0	0	0	0	0

0.011689	0	0	0	0	0	0
0.007875	0	0	0	0	0	0
0.015059	0	0	0	0	0	0
0.004301	0	0	0	0	0	0
0.003463	0	0	0	0	0	0
0.034241	0	0	0	0	0	0
0.024123	0	0	0	0	0	0
0.057272	0	0	0	0	0	0
0.00863	0	0	0	0	0	0
0.003586	0	0	0	0	0	0
0.066373	0	0	0	0	0	0
0.045433	0	0	0	0	0	0
0.008476	0	0	0	0	0	0
0.018286	0	0	0	0	0	0
0.009398	0	0	0	0	0	0
0.003087	0	0	0	0	0	0
0.070539	0	0	0	0	0	0
0.004859	0	0	0	0	0	0
0.008382	0	0	0	0	0	0
0.008502	0	0	0	0	0	0
0.007569	0	0	0	0	0	0
0.011588	0	0	0	0	0	0
0.012455	0	0	0	0	0	0
0.008895	0	0	0	0	0	0
0.006598	0	0	0	0	0	0
0.008855	0	0	0	0	0	0
0.010522	0	0	0	0	0	0
0.007413	0	0	0	0	0	0
0.007493	0	0	0	0	0	0
0.0066	0	0	0	0	0	0
0.014925	0	0	0	0	0	0
0.012864	0	0	0	0	0	0
0.018741	0	0	0	0	0	0
0.020867	0	0	0	0	0	0
0.005092	0	0	0	0	0	0
0.014989	0	0	0	0	0	0
0.005089	0	0	0	0	0	0
0.01068	0	0	0	2	0	2
0.005125	0	0	0	0	0	0
0.006299	0	0	0	0	0	0
0.0034	0	0	0	0	0	0
0.002675	0	0	0	0	0	0
0.012538	0	0	0	0	0	0
0.005692	0	0	0	0	0	0
0.007412	0	0	0	0	0	0
0.015451	0	0	0	0	0	0
0.004432	0	0	4	4	0	8
0.003993	0	0	0	0	0	0
0.100258	0.02	0	0	0	0	0
0.063687	0	0	1	1	0	2

0.013302	0	0	0	0	0	0
0.014208	0	0	0	0	0	0
0.013307	0	0	0	0	0	0
0.008931	0	0	0	0	0	0
0.009514	0	0	0	0	0	0
0.010059	0	0	0	0	0	0
0.052331	0	0	0	0	0	0
0.032997	0	0	0	0	0	0
0.021173	0	0	0	0	0	0
0.015896	0	0	0	0	0	0
0.168354	0.06	0	0	0	0	0
0.036709	0	0	0	0	0	0
0.011037	0	0	0	0	0	0
0.016425	0	0	0	0	0	0
0.075817	0	0	0	0	0	0
0.012153	0	0	0	0	0	0
0.023041	0	0	0	0	0	0
0.01481	0	0	0	0	0	0
0.00949	0	0	0	0	0	0
0.022036	0	0	0	4	0	4
0.023512	0	0	0	0	0	0
0.014553	0	0	0	0	0	0
0.016672	0	0	0	0	0	0
0.038058	0	0	0	0	0	0
0.016569	0	0	0	0	0	0
0.037177	0	0	0	0	0	0
0.009114	0	0	0	0	0	0
0.00969	0	0	0	0	0	0
0.016265	0	0	0	0	0	0
0.008198	0	0	0	0	0	0
0.026137	0	0	0	0	0	0
0.42938	0	0	0	0	0	0
0.019393	0	0	0	0	0	0
0.157366	0	0	0	0	0	0
0.042394	0	0	0	0	0	0
0.053286	0	0	0	0	0	0
0.001873	0	0	0	0	0	0
0.002376	0	0	0	0	0	0
0.00273	0	0	0	0	0	0
0.0031	0	0	0	0	0	0
0.003844	0	0	0	0	0	0
0.017502	0	0	0	0	0	0
0.009977	0	0	0	0	0	0
0.028574	0	0	0	0	0	0
0.064868	0	0	0	0	0	0
0.069162	0	0	0	0	0	0
0.061004	0	0	0	0	0	0
0.157781	0	0	1	0	0	1
0.133198	0	0	0	0	0	0
0.061001	0	0	0	0	0	0

0.5067	0	0	0	0	0	0
0.857647	0	0	0	0	0	0
0.017511	0	0	0	0	0	0
0.026209	0	0	0	0	0	0
0.026738	0	0	0	0	0	0
0.024775	0	0	0	0	0	0
0.018357	0	0	0	0	0	0
0.023689	0	0	0	0	0	0
0.04539	0	0	0	0	0	0
0.21475	0	0	0	0	0	0
0.143849	0	0	0	0	0	0
0.019276	0	0	0	0	0	0
0.076986	0	0	0	0	0	0
0.046998	0	0	0	0	0	0
0.183791	0.02	0	0	0	0	0
0.067113	0	0	0	0	0	0
0.022708	0	0	0	0	0	0
0.014942	0	0	0	0	0	0
0.0167	0	0	0	0	0	0
0.012095	0	0	0	0	0	0
0.027651	0	0	0	0	0	0
0.046683	0	0	0	0	5	5
0.043363	0	0	0	0	0	0
0.029619	0	0	0	0	0	0
0.028782	0	0	0	0	0	0
0.020054	0	0	0	0	0	0
0.023607	0	0	0	0	0	0
0.0081	0	0	0	0	0	0
0.500842	0	0	0	0	0	0
0.057375	0	0	0	0	0	0
0.033994	0	0	0	0	0	0
0.051133	0	0	0	0	0	0
0.027423	0	0	0	0	0	0
0.054652	0	0	0	0	0	0
0.039134	0	0	0	0	0	0
0.022887	0	0	0	0	0	0
0.020862	0	14	0	6	0	20
0.020497	0	0	0	0	0	0
0.006207	0	0	0	0	0	0
0.007388	0	0	0	0	0	0
0.020415	0	0	0	9	0	9
0.017783	0	0	2	6	11	19
0.016626	0	11	0	0	0	11
0.00383	0	0	0	0	0	0
0.005002	0	0	0	0	0	0
0.007909	0	0	0	5	0	5
0.015085	0	0	0	0	0	0
0.003315	0	0	0	0	0	0
0.00389	0	0	0	0	0	0
0.003022	0	0	0	0	0	0

0.004223	0	0	0	0	0	0
0.002654	0	0	0	0	0	0
0.013026	0	0	0	0	0	0
0.005779	0	0	0	0	0	0
0.051366	0	0	1	0	0	1
0.010795	0	0	0	0	0	0
0.013835	0	0	0	0	0	0
0.078591	0	0	0	0	0	0
0.02156	0	0	1	0	1	2
0.005713	0	1	0	0	0	1
0.015624	0	0	0	0	0	0
0.038899	0	0	0	0	0	0
0.005148	0	0	0	0	0	0
0.024066	0	0	0	1	0	1
0.045411	0	0	0	0	0	0
0.064236	0	0	0	0	0	0
0.013901	0	0	0	0	7	7
0.074993	0	7	5	4	14	30
0.009013	0	0	0	0	0	0
0.010316	0	0	0	0	0	0
0.043882	0	0	0	0	0	0
0.035961	0	0	0	0	0	0
0.031153	0	0	0	0	0	0
0.036628	0	0	0	0	0	0
0.021563	0	0	0	0	0	0
0.031699	0	0	0	0	0	0
0.096005	0	0	0	0	0	0
0.039048	0	0	0	0	0	0
0.091726	0	0	0	0	0	0
0.019043	0	0	0	0	0	0
0.061533	0	0	0	0	0	0
0.004593	0	0	0	0	0	0
0.003986	0	0	0	0	0	0
0.00591	0	0	0	0	0	0
0.005337	0	0	0	0	0	0
0.028678	0	0	0	0	0	0
0.006062	0	0	0	0	0	0
0.007474	0	0	0	0	0	0
0.005553	0	0	0	0	0	0
0.240588	0.17	0	0	0	0	0
0.18418	0.19	0	0	0	0	0
0.915447	0	0	0	0	0	0
0.996308	0	0	0	0	0	0
0.127895	0	0	0	0	0	0
0.095905	0	0	0	0	0	0
0.340416	0	0	0	0	0	0
0.240935	0	0	0	0	0	0
0.039746	0	0	0	0	0	0
0.063178	0	0	0	0	0	0
0.014351	0	0	0	0	0	0

0.051278	0	0	0	0	0	0
0.064261	0	0	0	0	0	0
0.05502	0	0	0	0	0	0
0.189336	0.12	0	0	0	0	0
0.007256	0	0	0	0	0	0
0.002149	0	0	0	0	0	0
0.012546	0	0	0	0	0	0
0.008051	0.01	0	0	0	0	0
0.00126	0	0	0	0	0	0
0.003045	0	0	0	0	0	0
0.032244	0	0	0	0	0	0
0.016694	0	0	0	0	0	0
0.006385	0	0	0	0	0	0
0.016213	0	0	0	0	0	0
0.01062	0	0	0	0	0	0
0.025775	0	0	0	0	0	0
0.029948	0	0	0	0	0	0
0.018602	0	0	0	0	0	0
0.018741	0	0	0	0	0	0
0.091061	0	0	0	0	0	0
0.276091	0	0	0	0	0	0
0.006847	0	0	0	0	0	0
0.016771	0	0	0	0	0	0
0.036656	0	0	0	0	0	0
0.000926	0	0	0	0	0	0
0.003225	0	0	0	0	0	0
0.003058	0	0	0	0	0	0
0.021557	0	0	0	0	0	0
0.025536	0	0	0	0	0	0
0.012695	0	0	0	0	0	0
0.024774	0	0	0	0	0	0
0.020484	0	0	0	0	0	0
0.004226	0	0	0	0	0	0
0.004486	0	0	0	0	0	0
0.001881	0	0	0	0	0	0
0.004109	0	0	0	0	0	0
0.002573	0	0	0	0	0	0
0.036922	0	0	0	0	0	0
0.019623	0	0	0	0	0	0
0.007386	0	0	0	0	0	0
0.094575	0	0	0	0	0	0
0.003394	0	0	0	0	0	0
0.015325	0	0	0	0	0	0
0.008976	0	0	0	0	0	0
0.011453	0	0	0	0	0	0
0.008243	0	0	0	0	0	0
0.00448	0	0	0	0	0	0
0.004516	0	0	0	0	0	0
0.00429	0	0	0	0	0	0
0.897264	0.12	0	0	0	0	0

0.609288	0	0	0	0	0	0
0.815032	0	0	0	0	0	0
0.054815	0	0	0	0	0	0
0.042992	0	0	0	0	0	0
0.033368	0	0	0	0	0	0
0.104943	0	0	0	0	0	0
0.007196	0	0	0	0	0	0
0.001652	0	0	0	0	0	0
0.001835	0	0	0	0	0	0
0.062422	0	0	0	0	0	0
0.048309	0	0	0	0	0	0
0.199511	0	0	0	0	0	0
0.223917	0	0	0	0	0	0
0.155595	0	0	0	0	0	0
0.034295	0	0	0	0	0	0
0.079665	0	0	0	0	0	0
0.221316	0	0	0	0	0	0
0.261361	0	0	0	0	0	0
0.059172	0	0	0	0	0	0
0.117027	0	0	0	0	0	0
0.079584	0	0	0	0	0	0
0.050673	0	0	0	0	0	0
0.01142	0	0	0	0	0	0
0.010918	0	0	0	0	0	0
0.012046	0	0	0	0	0	0
0.008641	0	0	0	0	0	0
0.014634	0	0	0	0	0	0
0.035124	0	0	0	0	0	0
0.064511	0	0	0	0	0	0
0.023184	0	0	0	0	0	0
0.02614	0	0	0	0	0	0
0.01798	0	0	0	0	0	0
0.020389	0	0	0	0	0	0
0.012161	0	0	0	0	0	0
0.048205	0	0	0	0	0	0
0.048402	0	0	0	0	0	0
0.016879	0	0	0	0	0	0
0.046928	0	0	0	0	0	0
0.06533	0	0	0	0	0	0
0.029235	0	0	0	0	0	0
0.035283	0	0	0	0	0	0
0.046272	0	0	0	0	0	0
0.037433	0	0	0	0	0	0
0.063889	0	0	0	0	0	0
0.128136	0	0	0	0	0	0
0.126164	0	0	0	0	0	0
0.021088	0	0	0	0	0	0
0.05724	0	0	0	0	0	0
0.021358	0	0	0	0	0	0
0.038671	0	0	0	0	0	0

0.049687	0	0	0	0	0	0
0.058807	0	0	0	0	0	0
0.064164	0	0	0	0	0	0
0.060177	0	0	0	0	0	0
0.102437	0	0	0	0	0	0
0.034508	0	0	0	0	0	0
0.049331	0	0	0	0	0	0
0.056435	0	0	0	0	0	0
0.044442	0	0	0	0	0	0
0.056595	0	0	0	0	0	0
0.001154	0	0	0	0	0	0
0.002182	0	0	0	0	0	0
0.003565	0	0	0	0	0	0
0.008318	0	0	0	0	0	0
0.014359	0	0	0	0	0	0
0.019894	0	0	0	0	0	0
0.053955	0	0	0	0	0	0
0.04695	0	0	0	0	0	0
0.031555	0	0	0	0	0	0
0.053283	0	0	0	4	0	4
0.047716	0	0	0	0	0	0
0.029829	0	0	0	0	0	0
0.042255	0	0	0	0	0	0
0.026709	0	0	0	0	0	0
0.102711	0	0	0	0	0	0
0.029811	0	0	0	0	0	0
0.025768	0	0	0	0	0	0
0.021609	0	0	0	0	0	0
0.027302	0	0	0	0	0	0
0.014559	0	0	0	0	0	0
0.021686	0	0	0	0	0	0
0.034952	0	0	0	0	0	0
0.018992	0	0	0	0	0	0
0.246036	0	0	0	0	0	0
0.267598	0.07	0	0	0	0	0
0.037412	0	0	0	0	0	0
0.033086	0	0	0	0	0	0
0.03414	0	0	0	0	0	0
0.066061	0	0	0	0	0	0
0.049823	0	0	0	0	0	0
0.126391	0	0	0	0	0	0
0.01011	0	0	0	0	0	0
0.087364	0	0	0	0	0	0
0.018972	0	0	0	0	0	0
0.010748	0	0	0	0	0	0
0.151198	0	0	0	0	0	0
0.025349	0	0	0	0	0	0
0.019106	0	0	0	0	0	0
0.017785	0	0	0	0	0	0
0.010956	0	0	0	0	0	0



0.015474	0	0	0	0	0	0
0.033314	0	0	0	0	0	0
0.01392	0	0	0	0	0	0
0.780837	0	0	0	0	0	0
0.084767	0	0	0	0	0	0
0.046268	0	0	0	0	0	0
0.094707	0	0	0	0	0	0
0.028379	0	0	0	0	0	0
0.025631	0	0	0	0	0	0
0.023007	0	0	0	0	0	0
0.017928	0	0	0	0	0	0
0.017902	0	0	0	0	0	0
0.0147	0	0	0	0	0	0
0.121906	0	0	0	0	0	0
0.24684	0.03	0	0	0	0	0
0.058718	0	0	0	0	0	0
0.010852	0	0	0	0	0	0
0.995677	0	0	2	0	0	2
0.401955	0.24	0	0	0	0	0
0.536777	0.4	0	0	0	8	8
0.011238	0	0	0	0	0	0
0.008742	0	0	0	0	0	0
0.008768	0	0	0	0	0	0
0.007735	0	0	0	0	0	0
0.00444	0	0	0	0	0	0
0.004716	0	0	0	0	0	0
0.003039	0	0	0	0	0	0
0.003685	0	0	0	0	0	0
0.047757	0	0	0	0	0	0
0.003132	0	0	0	0	0	0
0.002379	0	0	0	0	0	0
0.012926	0	0	0	0	0	0
0.011724	0	0	0	0	0	0
0.016459	0	0	0	0	0	0
0.013985	0	0	0	0	0	0
0.010297	0	0	0	0	0	0
0.00819	0	0	0	0	0	0
0.00353	0	0	0	0	0	0
0.001327	0	0	0	0	0	0
0.003556	0	0	0	0	0	0
0.001114	0	0	0	0	0	0
0.039764	0	0	0	0	0	0
0.003984	0	0	0	0	0	0
0.007047	0	0	0	0	0	0
0.019081	0	0	0	0	0	0
0.029267	0	0	0	0	0	0
0.026141	0	0	0	0	0	0
0.043039	0	0	0	0	0	0
0.071858	0	0	0	0	0	0
0.078936	0	0	0	0	0	0

0.031987	0	0	0	0	0	0
0.047305	0	0	0	0	0	0
0.075345	0	0	0	0	0	0
0.026731	0	0	0	0	0	0
0.163065	0	0	0	0	0	0
0.050337	0	0	0	0	0	0
0.046649	0	0	0	0	0	0
0.056907	0	0	0	0	0	0
0.060982	0	0	0	0	0	0
0.050658	0	0	0	0	0	0
0.021888	0	0	0	0	0	0
0.040049	0	0	0	0	0	0
0.023362	0	0	0	0	0	0
0.063028	0	0	0	0	0	0
0.050229	0	0	0	0	3	3
0.062355	0	3	0	0	0	3
0.01681	0	0	0	0	0	0
0.067069	0	0	0	0	0	0
0.065312	0	0	0	0	0	0
0.054421	0	0	0	0	0	0
0.101284	0	0	0	0	0	0
0.071499	0	0	0	0	0	0
0.060027	0	0	0	0	0	0
0.0609	0	0	0	0	0	0
0.222093	0	0	0	0	0	0
0.053977	0	0	0	0	0	0
0.062084	0	0	0	0	0	0
0.518187	0	0	0	0	0	0
0.058228	0	0	0	0	0	0
0.057511	0	0	0	0	0	0
0.141008	0	0	0	0	0	0
0.03951	0	0	0	0	0	0
0.110183	0	0	0	0	0	0
0.071609	0	0	0	0	0	0
0.066119	0	0	0	0	0	0
0.065502	0	0	0	0	0	0
0.052795	0	0	0	0	0	0
0.351135	0	0	0	0	0	0
0.026722	0	0	0	0	0	0
0.015056	0	0	0	0	0	0
0.017658	0	0	0	0	0	0
0.051162	0	0	0	0	0	0
0.020311	0	0	0	0	0	0
0.089997	0	0	0	0	0	0
0.586705	0.27	0	0	0	0	0
0.013503	0	0	0	0	0	0
0.067388	0	0	0	0	0	0
0.094775	0	0	0	0	0	0
0.024476	0	0	0	0	0	0
0.032428	0	0	0	0	0	0

0.020071	0	0	0	0	0	0
0.027399	0	0	0	0	0	0
0.021068	0	0	0	0	0	0
0.10456	0	0	0	0	0	0
0.007792	0	0	0	0	0	0
0.006711	0	0	0	0	0	0
0.006814	0	0	0	0	0	0
0.023102	0	0	0	0	0	0
0.004099	0	0	0	0	0	0
0.141897	0	0	0	0	0	0
0.014984	0	0	0	0	0	0
0.020775	0	0	0	0	0	0
0.017042	0	0	0	0	0	0
0.013669	0	0	0	0	0	0
0.011417	0	0	0	0	0	0
0.578025	0	0	0	0	0	0
0.051756	0	0	0	0	0	0
0.047366	0	0	0	0	0	0
0.022842	0	0	0	0	0	0
0.793096	0	0	0	0	0	0
0.077082	0	0	0	0	0	0
0.166924	0	0	0	0	0	0
0.050607	0	0	0	0	0	0
0.078692	0	0	0	0	0	0
0.041048	0	0	0	0	0	0
0.038638	0	0	0	0	0	0
0.079512	0	0	0	0	0	0
0.071917	0	0	0	0	0	0
0.002132	0	0	0	0	0	0
0.001444	0	0	0	0	0	0
0.015016	0.01	0	0	0	0	0
0.004871	0	0	0	0	0	0
0.002093	0	0	0	0	0	0
0.001817	0	0	0	0	0	0
0.001451	0	0	0	0	0	0
0.003336	0	0	0	0	0	0
0.002801	0	0	0	0	0	0
0.016958	0	0	0	0	0	0
0.002308	0	0	0	0	0	0
0.019998	0	0	0	0	0	0
0.026123	0	0	0	0	0	0
0.300677	0	0	0	0	0	0
0.038478	0	0	0	0	0	0
0.01734	0	0	0	0	0	0
0.007165	0	0	0	0	0	0
0.016435	0	0	0	0	0	0
0.005174	0	0	0	0	0	0
0.106767	0	0	0	0	0	0
0.07391	0	0	0	0	0	0
0.364458	0	0	0	0	0	0

0.080374	0	0	0	0	0	0
0.074191	0	0	0	0	0	0
0.127389	0	0	0	0	0	0
0.168562	0	0	0	0	0	0
0.147446	0	0	0	0	0	0
0.073114	0	0	0	0	0	0
0.16564	0	0	0	0	0	0
0.039763	0	0	0	0	0	0
0.050535	0	0	0	0	0	0
0.059413	0	0	0	0	0	0
0.056347	0	0	0	0	0	0
0.057965	0	0	0	0	0	0
0.029887	0	0	0	0	0	0
0.004697	0	0	0	0	0	0
0.01779	0	0	0	0	0	0
0.00713	0	0	0	0	0	0
0.006238	0	0	0	0	0	0
0.012425	0	0	0	0	0	0
0.058407	0	0	0	0	0	0
0.048269	0	0	0	0	0	0
0.045496	0	0	0	0	0	0
0.044917	0	0	0	0	0	0
0.118434	0	0	0	0	0	0
0.046134	0	0	0	0	0	0
0.029583	0	0	0	0	0	0
0.029518	0	0	0	0	0	0
0.047568	0	0	0	0	0	0
0.030846	0	0	0	0	0	0
0.053026	0	0	0	0	0	0
0.031828	0	0	0	0	0	0
0.029099	0	0	0	0	0	0
0.096976	0	0	0	0	0	0
0.028566	0	0	0	0	0	0
0.013785	0	0	0	0	0	0
0.019284	0	0	0	0	0	0
0.022212	0	0	0	0	0	0
0.022389	0	0	0	0	0	0
0.055756	0	0	0	0	0	0
0.019998	0	0	0	0	0	0
0.026352	0	0	0	0	0	0
0.022831	0	0	0	0	0	0
0.020436	0	0	0	0	0	0
0.019227	0	0	0	0	0	0
0.031683	0	0	0	0	0	0
0.017729	0	0	0	0	0	0
0.045184	0	0	0	0	0	0
0.011688	0	0	0	0	0	0
0.007445	0	0	0	0	0	0
0.122229	0	0	0	0	0	0
0.026755	0	0	0	0	0	0

0.062078	0	0	0	0	0	0
0.090901	0	0	0	0	0	0
0.037756	0	0	0	0	0	0
0.005959	0	0	0	0	0	0
0.007192	0	0	0	0	0	0
0.01124	0	0	0	0	0	0
0.029906	0	0	0	0	0	0
0.017199	0	0	0	0	0	0
0.011075	0	0	0	0	0	0
0.0085	0	0	0	0	0	0
0.004512	0	0	0	0	0	0
0.010525	0	0	0	0	0	0
0.007681	0	0	0	0	0	0
0.021426	0	0	0	0	0	0
0.052868	0	3	0	0	3	6
0.023385	0	3	0	0	0	3
0.013155	0	0	0	0	0	0
0.008473	0	0	0	0	0	0
0.067845	0	0	0	0	0	0
0.002963	0	0	0	0	0	0
0.01635	0	0	0	0	7	7
0.008699	0	7	0	0	9	16
0.0061	0	9	0	0	0	9
0.006276	0	0	0	0	19	19
0.008603	0	19	0	0	0	19
0.267299	0	0	0	0	0	0
0.173933	0	0	0	0	0	0
0.105604	0	0	0	0	3	3
0.050021	0	0	0	0	0	0
0.023541	0	0	0	0	0	0
0.018203	0	0	0	0	0	0
0.056714	0	0	0	0	0	0
0.030094	0	0	0	0	0	0
0.020019	0	0	0	0	0	0
0.021263	0	0	0	0	0	0
0.026432	0	0	0	0	0	0
0.018438	0	0	0	0	0	0
0.032204	0	0	0	0	0	0
0.049489	0	0	0	0	0	0
0.065384	0	0	0	0	0	0
0.064194	0	0	0	0	0	0
0.153443	0	0	0	0	0	0
0.035675	0	0	0	0	0	0
0.089966	0	0	0	0	0	0
0.058682	0	0	0	0	0	0
0.094944	0	0	0	0	0	0
0.078284	0	0	0	0	0	0
0.230432	0	0	0	0	0	0
0.103214	0	0	0	0	0	0
0.048957	0	0	0	0	0	0

0.093587	0	0	0	0	0	0
0.175626	0	0	0	0	0	0
0.187755	0	0	0	0	0	0
0.001833	0	0	0	0	0	0
0.012328	0	0	0	0	0	0
0.323298	0	0	0	0	0	0
0.281848	0	0	0	0	0	0
0.297297	0	0	0	0	0	0
0.079367	0	0	0	0	0	0
0.053889	0	0	0	0	0	0
0.030488	0	0	0	0	0	0
0.156575	0	0	0	0	0	0
0.030798	0	0	0	0	0	0
0.045395	0	0	0	0	0	0
0.037753	0	0	0	0	0	0
0.046063	0	0	0	0	0	0
0.028842	0	0	0	0	0	0
0.021434	0	0	0	0	0	0
0.010087	0	0	0	0	0	0
0.078804	0	0	0	0	0	0
0.012928	0	0	0	0	0	0
0.019644	0	0	0	0	0	0
0.010187	0	0	0	0	0	0
0.019819	0	0	0	0	0	0
0.032241	0	0	0	0	2	2
0.031362	0	2	0	0	0	2
0.034655	0	0	0	0	0	0
0.06905	0	0	0	0	0	0
0.039758	0	0	0	0	0	0
0.036933	0	0	0	0	0	0
0.026377	0	0	0	0	0	0
0.026936	0	0	0	0	0	0
0.081489	0	0	0	0	0	0
0.075533	0	0	0	0	0	0
0.012529	0	0	0	0	0	0
0.055548	0	0	0	0	0	0
0.008959	0	0	0	0	0	0
0.012875	0	0	0	0	0	0
0.005059	0	0	0	0	0	0
0.056262	0	0	0	0	0	0
0.028351	0	0	0	0	0	0
0.034053	0	0	0	0	0	0
0.017035	0	0	0	0	0	0
0.048106	0	0	0	0	0	0
0.048873	0	0	0	0	0	0
0.042915	0	0	0	0	0	0
0.041283	0	0	0	0	0	0
0.041841	0	0	0	0	0	0
0.060952	0	0	0	0	0	0
0.526747	0	0	0	0	0	0

0.090691	0	0	0	0	0	0
0.055159	0	0	0	0	0	0
0.034625	0	0	0	0	0	0
0.035049	0	0	0	0	0	0
0.033649	0	0	0	0	0	0
0.031174	0	0	0	0	0	0
0.045604	0	0	0	0	0	0
0.054868	0	0	0	0	0	0
0.038182	0	0	0	0	0	0
0.026956	0	0	0	0	0	0
0.023509	0	0	0	0	0	0
0.018149	0	0	0	0	0	0
0.043587	0	0	0	0	0	0
0.020005	0	0	0	0	0	0
0.283218	0	0	0	0	0	0
0.02414	0	0	0	0	0	0
0.016485	0	0	0	0	0	0
0.023392	0	0	0	0	0	0
0.0913	0	0	0	0	0	0
0.047867	0	0	0	0	0	0
0.006666	0	0	0	0	0	0
0.134237	0	0	0	0	0	0
0.150412	0	0	0	0	0	0
0.186387	0	0	0	0	0	0
0.012493	0	0	0	0	0	0
0.009819	0	0	0	0	0	0
0.017157	0	0	0	0	0	0
0.007631	0	0	0	0	0	0
0.008224	0	0	0	0	0	0
0.016599	0	0	0	0	0	0
0.015915	0	0	0	0	0	0
0.015159	0	0	0	0	0	0
0.323461	0.04	0	0	0	0	0
0.383025	0	0	0	0	0	0
0.019118	0	0	0	0	0	0
0.067199	0	0	0	0	0	0
0.090677	0	0	0	0	0	0
0.041908	0	0	0	0	0	0
0.045127	0	0	0	0	0	0
0.036264	0	0	0	0	0	0
0.050309	0	0	0	0	0	0
0.00834	0	0	0	0	0	0
0.052572	0	0	0	0	0	0
0.039751	0	0	0	0	0	0
0.090102	0	0	0	0	0	0
0.019953	0	0	0	0	0	0
0.021401	0	0	0	0	0	0
0.239184	0	0	0	0	0	0
0.143017	0	0	0	0	0	0
0.148008	0.06	0	0	0	0	0

0.001825	0	0	0	0	0	0
0.004008	0	0	0	0	0	0
0.003934	0	0	0	0	0	0
0.03831	0	0	0	0	0	0
0.035465	0	0	0	0	0	0
0.044444	0	0	0	0	0	0
0.081362	0	0	0	0	0	0
0.105836	0	0	0	0	0	0
0.109516	0	0	0	0	0	0
0.13646	0	0	0	0	0	0
0.126113	0	0	0	0	0	0
0.092196	0	0	0	0	0	0
0.012665	0	0	0	0	0	0
0.023881	0	0	0	0	0	0
0.017801	0	0	0	0	0	0
0.019047	0	0	0	0	0	0
0.001064	0	0	0	0	0	0
0.00061	0	0	0	0	0	0
0.005804	0	0	0	0	0	0
0.001967	0	0	0	0	0	0
0.040046	0	0	0	0	0	0
0.048248	0	0	0	0	0	0
0.062128	0	0	0	0	0	0
0.052732	0	0	0	0	0	0
0.044209	0	0	0	0	0	0
0.037794	0	0	0	0	0	0
0.022457	0	0	0	0	0	0
0.034436	0	0	0	0	0	0
0.088401	0	0	0	0	0	0
0.067793	0	0	0	0	0	0
0.028113	0	0	0	0	0	0
0.032071	0	0	0	0	0	0
0.043597	0	0	0	0	0	0
0.059303	0	0	0	0	0	0
0.035538	0	0	0	0	0	0
0.054816	0	0	0	0	0	0
0.014567	0	0	0	0	0	0
0.064642	0	0	0	0	0	0
0.063284	0	0	0	0	0	0
0.052695	0	0	0	0	0	0
0.085153	0	0	0	0	0	0
0.040066	0	0	0	0	0	0
0.04013	0	0	0	0	0	0
0.045766	0	0	0	0	0	0
0.011563	0	0	0	0	0	0
0.05003	0	0	0	0	0	0
0.028829	0	0	0	0	0	0
0.061667	0	0	0	0	0	0
0.011601	0	0	0	0	0	0
0.009486	0	0	0	0	0	0



0.009032	0	0	0	0	0	0
0.010448	0	0	0	0	0	0
0.008455	0	0	0	0	0	0
0.012154	0	0	0	0	0	0
0.007841	0	0	0	0	0	0
0.007164	0	0	0	0	0	0
0.005883	0	0	0	0	0	0
0.006616	0	0	0	0	0	0
0.029643	0	0	0	0	0	0
0.026125	0	0	0	0	0	0
0.022766	0	0	0	0	0	0
0.029547	0	0	0	0	0	0
0.021933	0	0	0	0	0	0
0.023186	0	0	0	0	0	0
0.017446	0	0	0	0	0	0
0.01569	0	0	0	0	0	0
0.187556	0.11	0	0	0	0	0
0.051735	0	0	0	0	0	0
0.017997	0	0	0	0	0	0
0.017501	0	0	0	0	0	0
0.021551	0	0	0	0	0	0
0.013433	0	0	0	0	0	0
0.005524	0	0	0	0	0	0
0.004755	0	0	0	0	0	0
0.017862	0	0	0	0	0	0
0.010089	0	0	0	0	0	0
0.052666	0	0	0	0	0	0
0.018638	0	0	0	0	0	0
0.032223	0	0	0	0	0	0
0.052074	0	0	0	0	0	0
0.014958	0	0	0	0	0	0
0.023971	0	0	0	0	0	0
0.052032	0	0	0	0	0	0
0.080274	0	0	0	0	0	0
0.057832	0	0	0	0	0	0
0.036403	0	0	0	0	0	0
0.03453	0	0	0	0	0	0
0.039577	0	0	0	0	0	0
0.026721	0	0	0	0	0	0
0.032569	0	0	0	0	0	0
0.037863	0	0	0	0	0	0
0.057682	0	0	0	0	0	0
0.066134	0	0	0	0	0	0
0.07453	0	0	0	0	0	0
0.06584	0	0	0	0	0	0
0.056352	0	0	0	0	0	0
0.057874	0	0	0	0	0	0
0.027444	0	0	0	0	0	0
0.045245	0	0	0	0	0	0
0.076272	0	0	0	0	0	0

0.053332	0	0	0	0	0	0
0.216019	0	0	0	0	0	0
0.028175	0	0	0	0	0	0
0.030097	0	0	0	0	0	0
0.02	0	0	0	0	0	0
0.027952	0	0	0	0	0	0
0.049946	0	0	0	0	0	0
0.030873	0	0	0	0	0	0
0.031943	0	0	0	0	0	0
0.010435	0	0	0	0	0	0
0.029988	0	0	0	0	0	0
0.127938	0	0	0	0	0	0
0.039885	0	0	0	0	0	0
0.013919	0	0	0	0	0	0
0.010144	0	0	0	0	0	0
0.11636	0.04	0	0	0	0	0
0.093479	0.03	0	0	0	0	0
0.021896	0	0	0	0	0	0
0.019	0	0	0	0	0	0
0.024147	0	0	0	0	0	0
0.066307	0.01	0	0	0	4	4
0.084725	0	0	0	0	0	0
0.057806	0	0	0	0	0	0
0.041932	0	0	0	0	0	0
0.038059	0	0	0	0	0	0
0.052416	0	0	0	0	0	0
0.031802	0	0	0	0	0	0
0.025145	0	0	0	0	0	0
0.229429	0	0	0	0	0	0
0.069256	0	0	0	0	0	0
0.006015	0	0	0	0	0	0
0.021938	0	0	0	0	0	0
0.020393	0	0	0	0	0	0
0.015938	0	0	0	0	0	0
0.028543	0	0	0	0	0	0
0.024659	0	0	0	0	0	0
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0.024332	0	0	0	0	0	0
0.025998	0	0	0	0	0	0
0.036441	0	0	0	0	0	0
0.017457	0	0	0	0	0	0
0.011056	0	0	0	0	0	0
0.001111	0	0	0	0	0	0
0.000573	0	0	0	0	0	0
0.000409	0	0	0	0	0	0
0.005763	0	0	0	0	0	0
0.006689	0	0	0	0	0	0
0.088925	0	0	0	0	0	0
0.034525	0	0	0	0	0	0
0.013111	0	0	0	0	0	0

0.006331	0	0	0	0	0	0
0.009171	0	0	0	0	0	0
0.008668	0	0	0	0	0	0
0.006249	0	0	0	0	0	0
0.012063	0	0	0	0	0	0
0.008839	0	0	0	0	0	0
0.006057	0	0	0	0	0	0
0.008403	0	0	0	0	0	0
0.009388	0	0	0	0	0	0
0.008484	0	0	0	0	0	0
0.008096	0	0	0	0	0	0
0.014313	0	0	0	0	0	0
0.008568	0	0	0	0	0	0
0.014204	0	0	0	0	0	0
0.036558	0	0	0	0	0	0
0.018475	0	0	0	0	0	0
0.123633	0.03	0	0	0	0	0
0.070894	0.02	0	0	0	0	0
0.108367	0.03	0	0	0	0	0
0.11143	0.05	0	0	0	0	0
0.010125	0	0	0	0	0	0
0.05708	0	0	0	0	0	0
0.093089	0	0	0	0	0	0
0.124782	0	0	0	0	4	4
0.029698	0	4	0	0	0	4
0.051125	0	0	0	0	0	0
0.044385	0	0	0	0	0	0
0.037378	0	0	0	0	0	0
0.045892	0	0	0	0	0	0
0.025316	0	0	0	0	0	0
0.028502	0	0	0	0	0	0
0.035195	0	0	0	0	0	0
0.031984	0	0	0	0	0	0
0.029906	0	0	0	0	0	0
0.041234	0	0	0	0	0	0
0.02844	0	0	0	0	0	0
0.014928	0	0	0	0	0	0
0.055644	0	0	0	0	0	0
0.034133	0	0	0	0	0	0
0.049225	0	0	0	0	0	0
0.093369	0	0	0	0	0	0
0.040728	0	0	0	0	0	0
0.062193	0	0	0	0	0	0
0.037179	0	0	0	0	0	0
0.028637	0	0	0	0	0	0
0.045245	0	0	0	0	0	0
0.041804	0	0	0	0	0	0
0.037422	0	0	0	0	0	0
0.040175	0	0	0	0	0	0
0.032703	0	0	0	0	0	0

0.014366	0	0	0	0	0	0
0.020254	0	0	0	0	0	0
0.028549	0	0	0	0	0	0
0.027229	0	0	0	0	0	0
0.016236	0	0	0	0	0	0
0.359792	0	0	0	0	0	0
0.039745	0	0	0	0	0	0
0.167965	0	0	0	0	0	0
0.015351	0	0	0	0	0	0
0.149387	0	0	6	0	0	6
0.008954	0	0	0	0	0	0
0.040024	0	0	0	0	0	0
0.004722	0	0	0	0	0	0
0.017336	0	0	0	0	0	0
0.016841	0	0	0	0	0	0
0.048813	0	0	0	0	0	0
0.064586	0	0	0	0	0	0
0.121907	0	0	0	0	0	0
0.005561	0	0	0	0	0	0
0.00185	0	0	0	0	0	0
0.00636	0	0	0	0	0	0
0.012276	0	0	0	0	0	0
0.004909	0	0	0	0	0	0
0.012499	0	0	0	0	0	0
0.014134	0	0	0	0	0	0
0.015751	0	0	0	0	0	0
0.047999	0.06	0	0	0	0	0
0.1177	0	0	0	0	4	4
0.390058	0	4	0	0	0	4
0.008131	0	0	0	0	0	0
0.001371	0	0	0	0	0	0
0.001814	0	0	0	0	0	0
0.001445	0	0	0	0	0	0
0.000862	0	0	0	0	0	0
0.002237	0	0	0	0	0	0
0.001497	0	0	0	0	0	0
0.004971	0	0	0	0	0	0
0.007108	0	0	0	0	0	0
0.002076	0	0	0	0	0	0
0.002499	0	0	0	0	0	0
0.003372	0	0	0	0	0	0
0.002398	0	0	0	0	0	0
0.001425	0	0	0	0	0	0
0.00195	0	0	0	0	0	0
0.001452	0	0	0	0	0	0
0.005872	0	0	0	0	0	0
0.057064	0	0	0	0	0	0
0.010811	0	0	0	0	0	0
0.068739	0	0	0	0	0	0
0.03979	0	0	0	0	0	0

0.077009	0	0	0	0	0	0
0.885591	0	0	0	0	0	0
0.522502	0.12	0	0	0	0	0
0.151877	0	0	0	0	0	0
0.072587	0	0	0	0	0	0
0.043762	0	0	0	0	0	0
0.044393	0	0	0	0	0	0
0.030948	0	0	0	0	0	0
0.030843	0	0	0	0	0	0
0.027186	0	0	0	0	0	0
0.039878	0	0	0	0	0	0
0.034041	0	0	0	0	0	0
0.023775	0	0	0	0	0	0
0.07336	0	0	0	0	0	0
0.129869	0	0	0	0	0	0
0.069923	0	0	0	0	0	0
0.017812	0	0	0	0	0	0
0.016037	0	0	0	0	0	0
0.03361	0	0	0	0	0	0
0.155277	0	0	0	0	0	0
0.040663	0	0	0	0	0	0
0.101659	0	0	0	0	0	0
0.033684	0	0	0	0	0	0
0.009963	0	0	0	0	0	0
0.01094	0	0	0	0	0	0
0.022294	0	0	0	0	0	0
0.013289	0	0	0	0	0	0
0.03092	0	0	0	0	0	0
0.051612	0	0	0	0	0	0
0.083254	0	0	0	0	0	0
0.0395	0	0	0	0	0	0
0.018244	0	0	0	0	0	0
0.342614	0	0	0	0	0	0
0.269909	0.06	0	0	0	0	0
0.084127	0	0	0	0	0	0
0.03519	0	0	0	0	0	0
0.120581	0	0	0	0	0	0
0.061186	0	0	0	0	0	0
0.04012	0	0	0	0	0	0
0.065698	0	0	0	0	0	0
0.053562	0	0	0	0	0	0
0.056825	0	0	0	0	0	0
0.110237	0	0	0	0	0	0
0.043428	0	0	0	0	0	0
0.046874	0	0	0	0	0	0
0.040822	0	0	0	0	0	0
0.073484	0	0	0	0	0	0
0.199178	0	0	0	0	0	0
0.049934	0	0	0	0	0	0
0.077057	0	0	0	0	0	0

0.059477	0	0	0	0	0	0
0.03676	0	0	0	0	0	0
0.114258	0	0	0	0	0	0
0.341065	0.05	0	0	0	0	0
0.074582	0	0	0	0	0	0
0.057717	0	0	0	0	0	0
0.053009	0	0	0	0	0	0
0.032722	0	0	0	0	0	0
0.023911	0	0	0	0	0	0
0.027399	0	0	0	0	0	0
0.026409	0	0	0	0	0	0
0.022842	0	0	0	0	0	0
0.023515	0	0	0	0	0	0
0.022291	0	0	0	0	0	0
0.025948	0	0	0	0	0	0
0.032157	0	0	0	0	0	0
0.112016	0	0	0	0	0	0
0.008472	0	0	0	0	0	0
0.002123	0	0	0	0	0	0
0.007819	0	0	0	0	0	0
0.002209	0	0	0	0	0	0
0.002614	0	0	0	0	0	0
0.009404	0.03	0	0	0	0	0
0.002945	0	0	0	0	0	0
0.004322	0	0	0	0	0	0
0.004076	0	0	0	0	0	0
0.00288	0	0	0	0	0	0
0.002719	0	0	0	0	0	0
0.003602	0	0	0	0	0	0
0.004478	0	0	0	0	0	0
0.001026	0	0	0	0	0	0
0.01674	0	0	0	0	0	0
0.003966	0	0	0	0	0	0
0.029567	0	0	0	0	0	0
0.008949	0	0	0	0	0	0
0.007786	0	0	0	0	0	0
0.027959	0	0	0	0	0	0
0.037075	0	0	0	0	0	0
0.015156	0	0	0	0	0	0
0.065526	0	0	0	0	0	0
0.013195	0	0	0	0	0	0
0.008777	0	0	0	0	0	0
0.011107	0	0	0	0	0	0
0.017029	0	0	0	0	0	0
0.014308	0	0	0	0	0	0
0.028169	0	0	0	0	0	0
0.045857	0	0	0	0	0	0
0.029375	0	0	0	0	0	0
0.038902	0	0	0	0	0	0
0.083919	0	0	0	0	0	0

0.011111	0	0	0	0	0	0
0.016297	0	0	0	0	0	0
0.010105	0	0	0	0	0	0
0.021717	0	0	0	0	0	0
0.041875	0	0	0	0	0	0
0.023868	0	0	0	0	0	0
0.008031	0	0	0	0	0	0
0.020943	0	0	0	0	0	0
0.043823	0	0	0	0	0	0
0.039912	0	0	0	0	0	0
0.027225	0	0	0	0	0	0
0.04376	0	0	0	0	0	0
0.026367	0	0	0	0	0	0
0.048282	0	0	0	0	0	0
0.030026	0	0	0	0	0	0
0.051087	0	0	0	0	0	0
0.019865	0	0	0	0	0	0
0.041999	0	0	0	0	0	0
0.037903	0	0	0	0	0	0
0.075828	0	0	0	0	0	0
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0.04157	0	0	0	0	0	0
0.036241	0	0	0	0	0	0
0.034261	0	0	0	0	0	0
0.041663	0	0	0	0	0	0
0.027887	0	0	0	0	0	0
0.034385	0	0	0	0	0	0
0.186817	0	0	0	0	0	0
0.013959	0	0	0	0	0	0
0.012976	0	0	0	0	0	0
0.021683	0	0	0	0	0	0
0.072004	0	0	0	0	0	0
0.015463	0	0	0	0	0	0
0.034776	0	0	0	0	0	0
0.046079	0	0	0	0	0	0
0.012884	0	0	0	0	0	0
0.008303	0	0	0	0	0	0
0.00822	0	0	0	0	0	0
0.01343	0	0	0	0	0	0
0.010107	0	0	0	0	0	0
0.005188	0	0	0	0	0	0
0.006031	0	0	0	0	0	0
0.008937	0	0	0	0	0	0
0.007584	0	0	0	0	0	0
0.007475	0	0	0	0	0	0
0.008197	0	0	0	0	0	0
0.00599	0	0	0	0	0	0
0.035735	0	0	0	0	0	0
0.017543	0	0	0	0	0	0
0.015949	0	0	0	0	0	0

0.100689	0	0	0	0	0	0
0.025775	0	0	0	0	0	0
0.020583	0	0	0	0	0	0
0.015932	0	0	0	0	0	0
0.068263	0	0	0	0	0	0
0.016714	0	0	0	0	0	0
0.024388	0	0	0	0	0	0
0.022609	0	0	0	0	0	0
0.0142	0	0	0	0	0	0
0.042123	0	0	0	0	0	0
0.060821	0	0	0	0	0	0
0.245989	0.02	0	0	0	0	0
0.087739	0	0	0	0	0	0
0.049043	0	0	0	0	0	0
0.032671	0	0	0	0	0	0
0.077811	0	0	0	0	0	0
0.031248	0	0	0	0	0	0
0.020028	0	0	0	0	0	0
0.017325	0	0	0	0	0	0
0.719498	0	0	0	0	0	0
0.055751	0	0	0	0	0	0
0.055719	0	0	0	0	0	0
0.036357	0	0	0	0	0	0
0.033547	0	0	0	0	0	0
0.943972	0	0	0	0	0	0
0.106764	0	0	0	0	0	0
0.100775	0	0	0	0	0	0
0.061251	0	0	0	0	0	0
0.143995	0	0	0	0	0	0
0.035924	0	0	0	0	0	0
0.06973	0	0	0	0	0	0
0.081314	0	0	0	0	0	0
0.035053	0	0	0	0	0	0
0.063044	0	0	0	0	0	0
0.06714	0	0	0	0	0	0
0.047018	0	0	0	0	0	0
0.044937	0	0	0	0	0	0
0.064605	0.25	0	0	0	0	0
0.032303	0	0	0	0	0	0
0.021388	0	0	0	0	0	0
0.03374	0	0	0	0	0	0
0.042031	0	0	0	0	0	0
0.02811	0	0	0	0	0	0
0.046473	0	0	0	0	0	0
0.022836	0	0	0	0	0	0
0.017094	0	0	0	0	0	0
0.072231	0	0	0	0	0	0
0.052342	0	0	0	0	0	0
0.046424	0	0	0	0	0	0
0.047528	0	0	0	0	0	0



0.04964	0	0	0	0	0	0
0.038386	0	0	0	0	0	0
0.051783	0	0	0	0	0	0
0.082139	0	0	0	0	0	0
0.043004	0	0	0	0	0	0
0.051743	0	0	0	0	0	0
0.03622	0	0	0	0	0	0
0.034051	0	0	0	0	0	0
0.023485	0	0	0	0	0	0
0.080497	0	0	0	0	0	0
0.049819	0	0	0	0	0	0
0.113164	0	0	0	0	0	0
0.047893	0	0	0	0	0	0
0.041963	0	0	0	0	0	0
0.056529	0	0	0	0	0	0
0.064184	0	0	0	0	0	0
0.05419	0	0	0	0	0	0
0.049635	0	0	0	0	0	0
0.14803	0	0	0	0	0	0
0.040758	0	0	0	0	0	0
0.251652	0	0	0	0	0	0
0.006963	0	0	0	0	0	0
0.006207	0	0	0	0	0	0
0.004794	0	0	0	0	0	0
0.004971	0	0	0	0	0	0
0.00606	0	0	0	0	0	0
0.020007	0	0	0	0	0	0
0.213014	0	0	0	0	0	0
0.076232	0	0	0	0	0	0
0.08659	0	0	0	0	0	0
0.128513	0	0	0	0	0	0
0.048994	0	0	0	0	0	0
0.055378	0	0	0	0	0	0
0.079002	0	0	0	0	0	0
0.066624	0	0	0	0	0	0
0.226026	0	0	0	0	0	0
0.274793	0	0	0	0	0	0
0.051566	0	0	0	0	0	0
0.048309	0	0	0	0	0	0
0.067448	0	0	0	0	0	0
0.06221	0	0	0	0	0	0
0.057191	0	0	0	0	0	0
0.048761	0	0	0	0	0	0
0.042655	0	0	0	0	0	0
0.093105	0	0	0	0	0	0
0.06095	0	0	0	0	0	0
0.130271	0	0	0	0	0	0
0.020755	0	0	0	0	0	0
0.015669	0	0	0	0	0	0
0.017978	0	0	0	0	0	0

0.016467	0	0	0	0	0	0
0.01857	0	0	0	0	0	0
0.020264	0	0	0	0	0	0
0.017965	0	0	0	0	0	0
0.045392	0	0	0	0	0	0
0.027723	0	0	0	0	0	0
0.136568	0	0	0	0	0	0
0.03806	0	0	0	0	0	0
0.021615	0	0	0	0	0	0
0.036882	0	0	0	0	0	0
0.030765	0	0	0	0	0	0
0.041032	0	0	0	0	0	0
0.146752	0.01	0	0	0	0	0
0.016835	0	0	0	0	0	0
0.160744	0.05	0	0	0	0	0
0.022795	0	0	0	0	0	0
0.015591	0	0	0	0	0	0
0.001136	0	0	0	0	0	0
0.006287	0.01	0	0	0	0	0
0.003317	0	0	0	0	0	0
0.002713	0	0	0	0	0	0
0.002565	0	0	0	0	0	0
0.61422	0	0	0	0	0	0
0.037246	0	0	0	0	0	0
0.065717	0	0	0	0	0	0
0.180787	0	0	0	0	0	0
0.17232	0	0	0	0	0	0
0.047148	0	0	0	0	0	0
0.041808	0	0	0	0	0	0
0.076627	0	0	0	0	0	0
0.017497	0	0	0	0	0	0
0.025857	0	0	0	0	0	0
0.0252	0	0	0	0	0	0
0.016633	0	0	0	0	0	0
0.034897	0	0	0	0	0	0
0.044562	0	0	0	0	0	0
0.030623	0	0	0	0	0	0
0.029149	0	0	0	0	0	0
0.021932	0	0	0	0	0	0
0.018699	0	0	0	0	0	0
0.018813	0	0	0	0	0	0
0.024744	0	0	0	0	0	0
0.015866	0	0	0	0	0	0
0.022697	0	0	0	0	0	0
0.020198	0	0	0	0	0	0
0.024021	0	0	0	0	0	0
0.036461	0	0	0	0	0	0
0.01894	0	0	0	0	0	0
0.013687	0	0	0	0	0	0
0.024005	0	0	0	0	0	0

0.035381	0	0	0	0	0	0
0.012423	0	0	0	0	0	0
0.008651	0	0	0	0	0	0
0.012768	0	0	0	0	0	0
0.012819	0	0	0	0	0	0
0.035792	0	0	0	0	0	0
0.021533	0	0	0	0	0	0
0.010162	0	0	0	0	0	0
0.010306	0	0	0	0	0	0
0.067158	0	0	0	0	0	0
0.02867	0	0	0	0	0	0
0.03277	0	0	0	0	0	0
0.038977	0	0	0	0	0	0
0.027208	0	0	0	0	0	0
0.026179	0	0	0	0	0	0
0.017957	0	0	0	0	0	0
0.077065	0	0	0	0	0	0
0.070338	0	0	0	0	0	0
0.011409	0	0	0	0	0	0
0.172713	0	0	0	0	0	0
0.011974	0	0	0	0	0	0
0.242623	0.28	0	0	0	0	0
0.0067	0	0	0	0	0	0
0.06668	0	0	0	0	0	0
0.447582	0.17	0	0	0	0	0
0.097165	0	0	0	0	0	0
0.114865	0	0	0	5	0	5
0.114785	0	0	1	0	0	1
0.012507	0	0	0	0	0	0
0.008941	0	0	0	0	0	0
0.063885	0	0	0	0	0	0
0.056475	0	0	0	0	0	0
0.028498	0	0	0	0	0	0
0.019497	0	0	0	0	0	0
0.017963	0	0	0	0	0	0
0.016003	0	0	0	0	0	0
0.028436	0	0	0	0	0	0
0.05014	0	0	0	0	0	0
0.060726	0	0	0	0	0	0
0.060109	0	0	0	0	0	0
0.052644	0	0	0	0	0	0
0.058933	0	0	0	0	0	0
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0.062447	0	0	0	0	0	0
0.055296	0	0	0	0	0	0
0.052375	0	0	0	0	0	0
0.059907	0	0	0	0	0	0
0.052749	0	0	0	0	0	0
0.062121	0	0	0	0	0	0

0.066851	0	0	0	0	0	0
0.048149	0	0	0	0	0	0
0.045142	0	0	0	0	0	0
0.077035	0	0	0	0	0	0
0.326879	0	0	0	0	0	0
0.020094	0	0	0	0	0	0
0.013482	0	0	0	0	0	0
0.017244	0	0	0	0	0	0
0.084627	0	0	0	0	0	0
0.02529	0	0	0	0	0	0
0.011433	0	0	0	0	0	0
0.022425	0	0	0	0	0	0
0.147623	0	0	0	0	0	0
0.019554	0	0	0	0	0	0
0.018441	0	0	0	0	0	0
0.012403	0	0	0	0	0	0
0.031383	0	0	0	0	0	0
0.023566	0	0	0	0	0	0
0.046746	0	0	0	0	0	0
0.042165	0	0	0	0	0	0
0.0191	0	0	0	0	0	0
0.027279	0	0	0	0	0	0
0.02554	0	0	0	0	0	0
0.051219	0	0	0	0	0	0
0.023897	0	0	0	0	0	0
0.136858	0	0	0	0	0	0
0.095385	0	0	0	0	0	0
0.120364	0	0	0	0	0	0
0.051663	0	0	0	0	0	0
0.037854	0	0	0	0	0	0
0.02479	0	0	0	0	0	0
0.021112	0	0	0	0	0	0
0.020528	0	0	0	0	0	0
0.012271	0	0	0	0	0	0
0.008168	0	0	0	0	0	0
0.019511	0	0	0	0	0	0
0.015139	0	0	0	0	0	0
0.014833	0	0	0	0	0	0
0.021699	0	0	0	0	0	0
0.010478	0	0	0	0	0	0
0.033344	0	0	0	0	0	0
0.017291	0	0	0	0	0	0
0.072276	0	0	0	0	0	0
0.019228	0	0	0	0	0	0
0.011891	0	0	0	0	0	0
0.009668	0	0	0	0	0	0
0.010934	0	0	0	0	0	0
0.038047	0	0	0	0	0	0
0.01279	0	0	0	0	0	0
0.02155	0	0	0	0	0	0

0.024177	0	0	0	0	0	0
0.014217	0	0	0	0	0	0
0.015713	0	0	0	0	0	0
0.010953	0	0	0	0	0	0
0.013556	0	0	0	0	0	0
0.018617	0	0	0	0	0	0
0.019995	0	0	0	0	0	0
0.045476	0	0	0	0	0	0
0.02179	0	0	0	0	0	0
0.025465	0	0	0	0	0	0
0.015786	0	0	0	0	0	0
0.034443	0	0	0	0	0	0
0.0648	0	0	0	0	0	0
0.009478	0	0	0	0	0	0
0.007493	0	0	0	0	0	0
0.007898	0	0	0	0	0	0
0.011129	0	0	0	0	0	0
0.008194	0	0	0	0	0	0
0.023738	0	0	0	0	0	0
0.004404	0	0	0	0	0	0
0.012132	0	0	0	0	0	0
0.024671	0	0	0	0	0	0
0.004077	0	0	0	0	0	0
0.005456	0	0	0	0	0	0
0.014434	0	0	0	0	0	0
0.011379	0	0	0	0	0	0
0.007184	0	0	0	0	0	0
0.015698	0	0	0	0	0	0
0.040973	0	0	0	0	0	0
0.014584	0	0	0	0	0	0
0.032693	0	0	0	0	0	0
0.016341	0	0	0	0	0	0
0.024988	0	0	0	0	0	0
0.008561	0	0	0	0	0	0
0.107317	0	0	0	0	0	0
0.020533	0	0	0	0	0	0
0.016003	0	0	0	0	0	0
0.016961	0	0	0	0	0	0
0.053489	0	0	0	0	0	0
0.113963	0	0	0	0	0	0
0.050936	0	0	0	0	0	0
0.026556	0	0	0	0	0	0
0.020077	0	0	0	0	0	0
0.018123	0	0	0	0	0	0
0.040053	0	0	0	0	0	0
0.012064	0	0	0	0	0	0
0.079219	0	0	0	0	0	0
0.007051	0	0	0	0	0	0
0.006042	0	0	0	0	0	0
0.012478	0	0	0	0	0	0

0.048375	0	0	0	0	0	0
0.00808	0	0	0	0	0	0
0.007685	0	0	0	0	7	7
0.01996	0	7	0	0	0	7
0.004983	0	0	0	0	0	0
0.02348	0	0	0	0	0	0
0.001694	0	0	0	0	0	0
0.008462	0	0	0	0	0	0
0.655295	0.06	0	1	0	0	1
0.022531	0	0	0	0	3	3
0.01439	0	3	0	0	0	3
0.054386	0.02	0	0	0	0	0
0.00618	0	0	0	0	0	0
0.006114	0	0	0	0	0	0
0.002597	0	0	0	0	0	0
0.012246	0	0	0	0	0	0
0.018383	0	0	0	0	0	0
0.116239	0	0	0	0	0	0
0.116955	0	0	0	0	0	0
0.09417	0	0	0	0	0	0
0.114605	0	0	0	0	0	0
0.042668	0	0	0	0	0	0
0.047661	0	0	0	0	0	0
0.069043	0	0	0	0	0	0
0.011064	0	0	0	0	0	0
0.006297	0	0	0	0	0	0
0.007206	0	0	0	0	0	0
0.005772	0	0	0	0	3	3
0.008432	0	3	0	0	0	3
0.008798	0	0	0	0	0	0
0.359928	0.09	0	0	0	0	0
0.169186	0	0	0	0	0	0
0.0674	0	0	0	0	0	0
0.047167	0	0	0	0	0	0
0.078843	0	0	0	0	0	0
0.093236	0	0	0	0	0	0
0.440586	0	0	0	0	0	0
0.025229	0	0	0	0	0	0
0.029283	0	0	0	0	0	0
0.013719	0	0	0	0	0	0
0.014316	0	0	0	0	0	0
0.012599	0	0	0	0	0	0
0.025683	0	0	0	0	0	0
0.024978	0	0	0	0	0	0
0.066164	0	0	0	0	0	0
0.361169	0	0	0	0	0	0
0.040213	0	0	0	0	0	0
0.039636	0	0	0	0	0	0
0.0477	0	0	0	0	0	0
0.046378	0	0	0	0	0	0

0.025849	0	0	0	0	0	0
0.002429	0	0	0	0	0	0
0.001706	0	0	0	0	0	0
0.136281	0	0	0	0	0	0
0.054094	0	0	0	0	0	0
0.030724	0	0	0	0	0	0
0.071688	0	0	0	0	0	0
0.013823	0	0	0	0	0	0
0.084142	0	0	0	0	0	0
0.020412	0	0	0	0	0	0
0.140908	0	0	0	0	0	0
0.118301	0	0	0	0	0	0
0.031738	0	0	0	0	0	0
0.001485	0	0	0	0	0	0
0.003114	0	0	0	0	0	0
0.021385	0	0	0	0	0	0
0.002767	0	0	0	0	0	0
0.002051	0	0	0	0	0	0
0.001879	0	0	0	0	0	0
0.009797	0	0	0	0	0	0
0.004489	0	0	0	0	0	0
0.001496	0	0	0	0	0	0
0.047072	0	0	0	0	0	0
0.021111	0	0	0	0	0	0
0.016486	0	0	0	0	0	0
0.002014	0	0	0	0	0	0
0.003052	0	0	0	0	0	0
0.000282	0	0	0	0	0	0
0.032442	0	0	0	0	0	0
0.004515	0	0	0	0	0	0
0.019964	0	0	0	0	0	0
0.011379	0	0	0	0	0	0
0.012181	0	0	0	0	0	0
0.008674	0	0	0	0	0	0
0.007531	0	0	0	0	0	0
0.014476	0	0	0	0	0	0
0.006671	0	0	0	0	0	0
0.005779	0	0	0	0	0	0
0.014062	0	0	0	0	0	0
0.018979	0	0	0	0	0	0
0.031976	0	0	0	0	0	0
0.040456	0	0	0	0	0	0
0.056134	0	0	0	0	0	0
0.009221	0	0	0	0	0	0
0.006543	0	0	0	0	0	0
0.016578	0	0	0	0	0	0
0.00535	0	0	0	0	0	0
0.007696	0	0	0	0	0	0
0.030989	0	0	0	0	0	0
0.017974	0	0	0	0	0	0

0.012803	0	0	0	0	0	0
0.012655	0	0	0	0	0	0
0.014889	0	0	0	0	0	0
0.06006	0	0	0	0	0	0
0.020009	0	0	0	0	0	0
0.012506	0	0	0	0	0	0
0.013691	0	0	0	0	0	0
0.00938	0	0	0	0	0	0
0.017321	0	0	0	0	0	0
0.090852	0	0	0	0	0	0
0.050067	0	0	0	0	0	0
0.029421	0	0	0	0	0	0
0.048448	0	0	0	0	0	0
0.042476	0	0	0	0	0	0
0.134578	0	0	0	0	0	0
0.017969	0	0	0	0	0	0
0.030865	0	0	0	0	0	0
0.012654	0	0	0	0	0	0
0.032405	0	0	0	0	0	0
0.048088	0	0	0	0	0	0
0.021973	0	0	0	0	0	0
0.051524	0	0	0	0	0	0
0.081909	0	0	0	0	0	0
0.046202	0	0	0	0	0	0
0.052133	0	0	0	0	0	0
0.040852	0	0	0	0	0	0
0.035396	0	0	0	0	0	0
0.099184	0	0	0	0	0	0
0.140037	0	0	0	0	0	0
0.056651	0	0	0	0	0	0
0.014607	0	0	0	0	0	0
0.001439	0	0	0	0	0	0
0.021625	0	0	0	0	0	0
0.100707	0	0	0	0	0	0
0.056344	0	0	0	0	0	0
0.001312	0	0	0	0	0	0
0.001337	0	0	0	0	0	0
0.002207	0	0	0	0	0	0
0.007387	0	0	0	0	0	0
0.003822	0	0	0	0	0	0
0.009433	0	0	0	0	0	0
0.005283	0	0	0	0	0	0
0.001149	0	0	0	0	0	0
0.001571	0	0	0	0	0	0
0.003331	0	0	0	0	0	0
0.003148	0	0	0	0	0	0
0.003374	0	0	0	0	0	0
0.002429	0	0	0	0	0	0
0.001255	0	0	0	0	0	0
0.001315	0	0	0	0	0	0



0.07998	0	0	0	0	0	0
0.031423	0	0	0	0	0	0
0.025469	0	0	0	0	0	0
0.051112	0	0	0	0	0	0
0.080819	0	0	0	0	0	0
0.033306	0	0	0	0	0	0
0.050859	0	0	0	0	0	0
0.30456	0	0	0	0	0	0
0.039489	0	0	0	0	0	0
0.03434	0	0	0	0	0	0
0.039136	0	0	0	0	0	0
0.080839	0	0	0	0	0	0
0.060998	0	0	0	0	0	0
0.156515	0	0	0	0	0	0
0.05646	0	0	0	0	0	0
0.014985	0	3	0	0	0	3
0.015302	0	0	0	0	0	0
0.022693	0	0	0	0	0	0
0.016431	0	0	0	0	0	0
0.013991	0	0	0	0	0	0
0.009166	0	0	0	0	0	0
0.117144	0	0	0	0	0	0
0.029103	0	0	0	0	0	0
0.01028	0	0	0	0	0	0
0.047858	0	0	0	0	0	0
0.037614	0	0	0	0	0	0
0.035747	0	0	0	0	0	0
0.03959	0	0	0	0	0	0
0.047238	0	0	0	0	0	0
0.033055	0	0	0	0	0	0
0.040958	0	0	0	0	0	0
0.02081	0	0	0	0	3	3
0.054651	0	0	0	0	0	0
0.076996	0	0	0	0	0	0
0.034032	0	0	0	0	0	0
0.045439	0	0	0	0	7	7
0.052108	0	7	0	0	0	7
0.05419	0	0	0	0	0	0
0.051935	0	0	0	0	0	0
0.056939	0	0	0	0	0	0
0.049037	0	0	0	0	0	0
0.046716	0	0	0	0	0	0
0.635221	0.09	0	0	0	0	0
0.073991	0	0	0	0	0	0
0.948438	0	0	0	0	0	0
0.060341	0	0	0	0	0	0
0.107559	0	0	0	0	0	0
0.082908	0	0	0	0	0	0
0.074823	0	0	0	0	0	0
0.060042	0	0	0	0	0	0

0.496624	0	0	0	0	0	0
0.022373	0	0	0	0	0	0
0.039395	0	0	0	0	0	0
0.021356	0	0	0	0	0	0
0.027734	0	0	0	0	0	0
0.048189	0	0	0	0	0	0
0.031166	0	0	0	0	0	0
0.049192	0	0	0	0	0	0
0.023629	0	0	0	0	0	0
0.040017	0	0	0	0	0	0
0.024613	0	0	0	0	0	0
0.024643	0	0	0	0	0	0
0.030535	0	0	0	0	0	0
0.024092	0	0	0	0	0	0
0.03936	0	0	0	0	0	0
0.128452	0	0	0	0	0	0
0.150761	0	0	0	0	0	0
0.028321	0	0	0	0	0	0
0.052425	0	0	0	0	0	0
0.033875	0	0	0	0	0	0
0.085276	0	0	0	0	0	0
0.017089	0	0	0	0	0	0
0.017335	0	0	0	0	0	0
0.015697	0	0	0	0	0	0
0.027477	0	0	0	0	0	0
0.028201	0	0	0	0	0	0
0.008875	0	0	0	0	0	0
0.038492	0	0	0	0	0	0
0.140882	0	0	0	0	0	0
0.103598	0	0	0	0	0	0
0.036544	0	0	0	0	0	0
0.070533	0	0	0	0	0	0
0.069877	0	0	0	0	0	0
0.028223	0	0	0	0	0	0
0.046165	0	0	0	0	0	0
0.055493	0	0	0	0	0	0
0.068838	0	0	0	0	0	0
0.069007	0	0	0	0	0	0
0.038234	0	0	0	0	0	0
0.015613	0	0	0	0	0	0
0.028888	0	0	0	0	0	0
0.051265	0	0	0	0	0	0
0.026228	0	0	0	0	0	0
0.078135	0	0	0	0	0	0
0.091863	0	0	0	0	0	0
0.026009	0	0	0	0	0	0
0.04837	0	0	0	0	0	0
0.023116	0	0	0	0	0	0
0.059374	0	0	0	0	0	0
0.017797	0	0	0	0	0	0

0.01702	0	0	0	0	0	0
0.013404	0	0	0	0	0	0
0.599155	0	0	0	0	0	0
0.037913	0	0	0	0	0	0
0.02649	0	0	0	0	0	0
0.060769	0	0	0	0	0	0
0.506991	0.03	0	6	6	0	12
0.003476	0	0	0	0	0	0
0.003321	0.01	0	0	0	0	0
0.003582	0	0	0	0	0	0
0.003653	0	0	0	0	0	0
0.002676	0	0	0	0	0	0
0.009454	0.01	0	0	0	0	0
0.035253	0	0	0	0	0	0
0.005017	0	0	0	0	1	1
0.051992	0	0	0	0	0	0
0.026528	0	0	0	0	0	0
0.029443	0	0	0	0	0	0
0.024528	0	0	0	0	0	0
0.025292	0	0	0	0	0	0
0.013986	0	0	0	0	0	0
0.022367	0	0	0	0	0	0
0.048018	0	0	0	0	0	0
0.01249	0	0	0	0	0	0
0.020358	0	0	0	0	0	0
0.014241	0	0	0	0	0	0
0.066015	0	0	0	0	0	0
0.017144	0	0	0	0	0	0
0.026657	0	0	0	0	0	0
0.013272	0	0	0	0	0	0
0.05039	0	0	0	0	0	0
0.048348	0	0	0	0	0	0
0.037277	0	0	0	0	0	0
0.041126	0	0	0	0	0	0
0.035343	0	0	0	0	0	0
0.028852	0	0	0	0	0	0
0.021581	0	0	0	0	0	0
0.00922	0	0	0	0	0	0
0.002145	0	0	0	0	0	0
0.00272	0	0	0	0	0	0
0.01953	0	0	0	0	0	0
0.013476	0	0	0	0	0	0
0.007793	0	0	0	0	0	0
0.002722	0	0	0	0	0	0
0.000492	0	0	0	0	0	0
0.001483	0	0	0	0	0	0
0.000951	0	0	0	0	0	0
0.016638	0	0	0	0	0	0
0.006757	0	0	0	0	0	0
0.0064	0	0	0	0	0	0

0.004282	0	0	0	0	0	0
0.004564	0	0	0	0	0	0
0.008156	0	0	0	0	0	0
0.018063	0	0	0	0	0	0
0.006922	0	0	0	0	0	0
0.007087	0	0	0	0	0	0
0.583828	0	0	0	0	0	0
0.014428	0	0	0	0	0	0
0.001619	0	0	0	0	0	0
0.029041	0	0	0	0	0	0
0.04053	0	0	0	0	0	0
0.530706	0	0	0	0	0	0
0.103483	0	0	0	0	0	0
0.066458	0	0	0	0	0	0
0.400036	0	0	0	0	0	0
0.099968	0	0	0	0	0	0
0.065307	0	0	0	0	0	0
0.061244	0	0	0	0	0	0
0.055918	0	0	0	0	0	0
0.471988	0	0	0	0	0	0
0.404564	0	0	0	0	0	0
0.100856	0	0	0	0	0	0
0.058376	0	0	0	0	0	0
0.058891	0	0	0	0	0	0
0.062087	0	0	0	0	0	0
0.070035	0	0	0	0	0	0
0.036103	0	0	0	0	0	0
0.067554	0	0	0	0	0	0
0.352472	0	0	0	0	0	0
0.02467	0	0	0	0	0	0
0.033506	0	0	0	0	0	0
0.214332	0	0	0	0	0	0
0.042553	0	0	0	0	0	0
0.012483	0	0	0	0	0	0
0.021721	0	0	0	0	0	0
0.044527	0	0	0	0	0	0
0.057627	0	0	0	0	0	0
0.042535	0	0	0	0	0	0
0.042349	0	0	0	0	0	0
0.035697	0	0	0	0	0	0
0.022578	0	0	0	0	0	0
0.018575	0	0	0	0	0	0
0.049556	0	0	0	0	0	0
0.020717	0	0	0	0	3	3
0.056126	0.08	3	0	0	0	3
0.017527	0.02	0	0	0	0	0
0.010347	0	0	0	0	0	0
0.007545	0	0	0	0	0	0
0.00767	0	0	0	0	0	0
0.301035	0.03	0	0	0	0	0

0.015542	0	0	0	0	0	0
0.007951	0	0	0	0	0	0
0.212389	0	0	0	0	0	0
0.010065	0	0	0	0	0	0
0.053174	0	0	0	0	0	0
0.049927	0	0	0	0	0	0
0.050345	0	0	0	0	0	0
0.034904	0	0	0	0	0	0
0.04139	0	0	0	0	0	0
0.023711	0	0	0	0	0	0
0.023654	0	0	0	0	0	0
0.03182	0	0	0	0	0	0
0.023608	0	0	0	0	0	0
0.049865	0	0	0	0	0	0
0.036211	0	0	0	0	0	0
0.016451	0	0	0	0	0	0
0.011088	0	0	0	0	0	0
0.042965	0	0	0	0	0	0
0.031815	0	0	0	0	0	0
0.028317	0	0	0	0	0	0
0.022793	0	0	0	0	0	0
0.025734	0	0	0	0	0	0
0.024287	0	0	0	0	0	0
0.008907	0	0	0	0	0	0
0.008577	0	0	0	0	0	0
0.008838	0	0	0	0	0	0
0.006893	0	0	0	0	0	0
0.040378	0	0	0	0	0	0
0.049786	0	0	0	0	0	0
0.022265	0	0	0	0	0	0
0.018817	0	0	0	0	0	0
0.029744	0	0	0	0	0	0
0.009744	0	0	0	0	0	0
0.769454	0.07	0	0	0	0	0
0.162494	0	0	0	0	0	0
0.004529	0	0	1	0	5	6
0.004982	0	5	0	0	0	5
0.007245	0	0	0	0	0	0
0.004127	0	0	0	0	0	0
0.005312	0	0	0	0	0	0
0.180466	0	0	2	2	0	4
0.083665	0	0	0	0	0	0
0.028691	0	0	6	0	9	15
0.009378	0	9	0	0	0	9
0.011405	0	0	0	0	0	0
0.014179	0	0	0	0	0	0
0.043295	0	0	0	0	0	0
0.061454	0	0	0	0	0	0
0.105158	0	0	0	0	0	0
0.038448	0	0	0	0	0	0

0.075552	0	0	0	0	0	0
0.030808	0	0	0	0	0	0
0.026962	0	0	0	0	0	0
0.015134	0	0	0	0	0	0
0.043163	0	0	0	0	0	0
0.144028	0	0	0	0	0	0
0.401099	0	0	3	0	0	3
0.069036	0	0	0	0	10	10
0.049781	0	10	0	0	0	10
0.047094	0	0	0	0	5	5
0.09538	0	5	0	0	0	5
0.052437	0	0	0	0	0	0
0.030155	0	0	0	0	0	0
0.055663	0	0	0	0	0	0
0.061912	0	0	0	0	0	0
0.015032	0	0	0	0	0	0
0.035458	0	0	0	0	0	0
0.016581	0	0	0	0	0	0
0.006465	0	0	0	0	0	0
0.014199	0	0	0	0	0	0
0.07063	0	0	0	0	0	0
0.025347	0	0	0	0	0	0
0.063636	0	0	0	0	0	0
0.061461	0	0	0	0	0	0
0.191907	0	0	0	0	0	0
0.038691	0	0	0	0	0	0
0.025867	0	0	0	0	0	0
0.082294	0	0	0	0	0	0
0.023266	0	0	0	0	0	0
0.02974	0	0	0	0	0	0
0.022901	0	0	0	0	0	0
0.013695	0	0	0	0	0	0
0.014993	0	0	0	0	0	0
0.005793	0	0	0	0	0	0
0.008097	0	0	0	0	0	0
0.005873	0	0	0	0	0	0
0.006482	0	0	0	0	0	0
0.026794	0	0	0	0	0	0
0.008202	0	0	0	0	0	0
0.005989	0	0	0	0	0	0
0.033405	0	0	0	0	0	0
0.0272	0	0	0	0	0	0
0.011446	0	0	0	0	0	0
0.028298	0	0	0	0	0	0
0.013893	0	0	0	0	0	0
0.019836	0	0	0	0	0	0
0.077548	0	0	0	0	0	0
0.026563	0	0	0	0	0	0
0.017347	0.01	0	0	0	0	0
0.008511	0	0	0	0	0	0

0.008262	0	0	0	0	0	0
0.011806	0	0	0	0	0	0
0.007684	0	0	0	0	0	0
0.009383	0	0	0	0	0	0
0.004559	0	0	0	0	0	0
0.079144	0	0	0	0	0	0
0.041257	0	0	0	0	0	0
0.059877	0	0	0	0	0	0
0.062021	0	0	0	0	0	0
0.02869	0	0	0	0	0	0
0.071481	0	0	0	0	0	0
0.047978	0	0	0	0	0	0
0.050017	0	0	0	0	0	0
0.07909	0	0	0	0	0	0
0.001636	0	0	0	0	0	0
0.014572	0	0	0	0	3	3
0.007636	0	3	0	0	0	3
0.00186	0	0	0	0	0	0
0.006797	0	0	0	0	0	0
0.000816	0	0	0	0	0	0
0.010428	0	0	0	0	0	0
0.01394	0	0	0	0	0	0
0.006866	0	0	0	0	0	0
0.014527	0	0	0	0	0	0
0.018095	0	0	0	0	0	0
0.008664	0	0	0	0	0	0
0.043068	0	0	0	0	0	0
0.00742	0	0	0	0	0	0
0.011914	0	0	0	0	0	0
0.023574	0	0	0	0	0	0
0.008742	0	0	0	0	0	0
0.058928	0.1	0	0	0	0	0
0.010229	0	0	0	0	0	0
0.036569	0	0	0	0	0	0
0.028661	0	0	0	0	0	0
0.026757	0	0	0	0	0	0
0.023052	0	0	0	0	0	0
0.026439	0	0	0	0	0	0
0.074939	0	0	0	0	0	0
0.026909	0	0	0	0	0	0
0.016377	0	0	0	0	0	0
0.015749	0	0	0	0	0	0
0.02895	0	0	0	0	0	0
0.079476	0	0	0	0	0	0
0.024215	0	0	0	0	0	0
0.033575	0	0	0	0	0	0
0.035396	0	0	0	0	0	0
0.01309	0	0	0	0	0	0
0.030638	0	0	0	0	0	0
0.040686	0	0	0	0	0	0

0.038781	0	0	0	0	0	0
0.038586	0	0	0	0	0	0
0.047598	0	0	0	0	0	0
0.051402	0	0	0	0	0	0
0.03412	0	0	0	0	0	0
0.064745	0	0	0	0	0	0
0.11366	0	0	0	0	0	0
0.093333	0	0	0	0	0	0
0.046153	0	0	0	0	0	0
0.04632	0	0	0	0	0	0
0.050849	0	0	0	0	0	0
0.037997	0	0	0	0	0	0
0.143651	0	0	0	0	0	0
0.23599	0	0	0	0	0	0
0.102426	0	0	0	0	0	0
0.054555	0	0	0	0	0	0
0.031072	0	0	0	0	0	0
0.102813	0	0	0	0	0	0
0.051803	0	0	0	0	0	0
0.058957	0	0	0	0	0	0
0.093175	0	0	0	0	0	0
0.101914	0	0	0	0	0	0
0.196244	0	0	0	0	0	0
0.079198	0	0	0	0	0	0
0.385635	0	0	0	0	0	0
0.093261	0	0	0	0	0	0
0.020539	0	0	0	0	0	0
0.059116	0	0	0	0	0	0
0.079799	0	0	0	0	0	0
0.020825	0	0	0	0	0	0
0.034585	0	0	0	0	0	0
0.04436	0	0	0	0	0	0
0.091904	0	0	0	0	0	0
0.206827	0	0	0	0	0	0
0.085153	0	0	0	0	0	0
0.116155	0	0	0	0	0	0
0.012103	0	0	0	0	0	0
0.025416	0	0	0	0	1	1
0.053448	0	1	0	0	0	1
0.054275	0	0	0	0	0	0
0.050602	0	0	0	0	0	0
0.047246	0	0	0	0	0	0
0.075616	0	0	0	0	0	0
0.057075	0	0	0	0	0	0
0.057516	0	0	0	0	0	0
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0.075473	0	0	0	0	0	0
0.061116	0	0	0	0	0	0
0.023748	0	0	0	0	0	0



0.016557	0	0	0	0	0	0
0.025314	0	0	0	0	0	0
0.89461	0.18	0	0	0	0	0
0.059426	0	0	0	0	0	0
0.342817	0.09	0	0	0	0	0
0.05493	0	0	0	0	0	0
0.174974	0	0	0	0	0	0
0.117815	0	0	0	0	0	0
0.143291	0	0	0	0	0	0
0.077795	0	0	0	0	0	0
0.059719	0	0	0	0	0	0
0.12477	0	0	0	0	0	0
0.081314	0	0	0	0	0	0
0.045064	0	0	0	0	0	0
0.060295	0	0	0	0	0	0
0.289703	0	0	0	0	0	0
0.111127	0	0	0	0	0	0
0.022478	0	0	0	0	0	0
0.045532	0	0	0	0	0	0
0.229209	0	0	0	0	0	0
0.263698	0	0	0	0	0	0
0.037047	0	0	0	0	0	0
0.191336	0	0	0	0	0	0
0.068961	0	0	0	0	0	0
0.020859	0	0	0	0	0	0
0.034692	0	0	0	0	0	0
0.05276	0	0	0	0	0	0
0.044627	0	0	0	0	0	0
0.090013	0	0	0	0	0	0
0.160448	0	0	0	0	0	0
0.028261	0	0	0	0	0	0
0.032293	0	0	0	0	0	0
0.024812	0	0	0	0	0	0
0.04473	0	0	0	0	0	0
0.031344	0	0	0	0	0	0
0.03313	0	0	0	0	0	0
0.053255	0	0	0	0	0	0
0.057807	0	0	0	0	0	0
0.044328	0	0	0	0	0	0
0.042639	0	0	0	0	0	0
0.02825	0	0	0	0	0	0
0.069474	0	0	0	0	0	0
0.014733	0	0	0	0	0	0
0.09588	0	0	0	0	0	0
0.025752	0	0	0	0	0	0
0.053609	0	0	0	0	0	0
0.026071	0	0	0	0	0	0
0.002705	0	0	0	0	0	0
0.005294	0	0	0	0	0	0
0.003221	0	0	0	0	0	0

0.003681	0	0	0	0	0	0
0.005664	0	0	0	0	0	0
0.09237	0	0	0	0	0	0
0.039201	0	0	0	0	0	0
0.00626	0	0	0	0	0	0
0.032055	0	0	0	0	0	0
0.010673	0	0	0	0	0	0
0.01395	0	0	0	0	0	0
0.031635	0	0	0	0	0	0
0.019201	0	0	0	0	0	0
0.015056	0	0	0	0	0	0
0.008086	0	0	0	0	0	0
0.005554	0	0	0	0	0	0
0.023238	0	0	0	0	0	0
0.273579	0	0	0	0	0	0
0.034197	0	0	0	0	0	0
0.053852	0	0	0	0	0	0
0.133284	0	0	0	0	0	0
0.323839	0	0	0	0	0	0
0.408201	0	0	0	0	0	0
0.052824	0	0	0	0	0	0
0.060178	0	0	0	0	0	0
0.028236	0	0	0	0	0	0
0.061493	0	0	0	0	0	0
0.047366	0	0	0	0	0	0
0.054007	0	0	0	0	0	0
0.046738	0	0	0	0	0	0
0.077784	0	0	0	0	0	0
0.049274	0	0	0	0	0	0
0.036452	0	0	0	0	0	0
0.053655	0	0	0	0	0	0
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0.039816	0	0	0	0	0	0
0.015758	0	0	0	0	0	0
0.035217	0	0	0	0	0	0
0.025473	0	0	0	0	0	0
0.057552	0	0	0	0	0	0
0.036596	0	0	0	0	0	0
0.026178	0	0	0	0	0	0
0.026613	0	0	0	0	2	2
0.03575	0	2	0	4	0	6
0.023556	0	0	0	0	0	0
0.070357	0	0	0	0	0	0
0.036167	0	0	0	0	0	0
0.021993	0	0	0	0	0	0
0.008782	0	0	0	0	0	0
0.005243	0	0	0	0	0	0
0.004646	0	0	0	0	0	0
0.005921	0	0	0	0	0	0
0.003513	0	0	0	0	0	0

0.003854	0	0	0	0	0	0
0.005478	0	0	0	0	0	0
0.006552	0	0	0	0	0	0
0.004392	0	0	0	0	0	0
0.053774	0	0	0	0	0	0
0.00788	0	0	0	0	1	1
0.006739	0	1	0	0	0	1
0.013642	0	0	0	0	0	0
0.00771	0	0	0	0	0	0
0.096345	0	0	0	0	0	0
0.012696	0	0	0	0	0	0
0.01691	0	0	0	0	0	0
0.004441	0	0	0	0	0	0
0.020161	0	0	0	0	0	0
0.032499	0	0	0	0	0	0
0.006813	0	0	0	0	0	0
0.005415	0	0	0	0	0	0
0.010001	0	0	0	0	0	0
0.00714	0	0	0	0	0	0
0.005174	0	0	0	0	0	0
0.048323	0	0	0	0	0	0
0.015784	0	0	0	0	0	0
0.018442	0	0	0	0	0	0
0.013331	0	0	0	0	0	0
0.024273	0	0	0	0	0	0
0.042726	0	0	0	0	0	0
0.011862	0	0	0	0	0	0
0.006584	0	0	0	0	0	0
0.020235	0	0	0	0	0	0
0.010482	0	0	0	0	0	0
0.011488	0	0	0	0	0	0
0.012803	0	0	0	0	0	0
0.007054	0	0	0	0	0	0
0.005399	0	0	0	0	0	0
0.003898	0	0	0	0	0	0
0.004393	0	0	0	0	0	0
0.018512	0	0	0	0	0	0
0.080974	0	0	0	0	0	0
0.007224	0	0	0	0	0	0
0.003713	0	0	0	0	0	0
0.002671	0	0	0	0	0	0
0.004164	0	0	0	0	0	0
0.001979	0	0	0	0	0	0
0.005498	0	0	0	0	0	0
0.02096	0	0	0	0	0	0
0.007025	0	0	0	0	0	0
0.018726	0	0	0	0	0	0
0.016921	0	0	0	0	0	0
0.018435	0	0	0	0	0	0
0.006932	0	0	0	0	0	0

0.005613	0	0	0	0	0	0
0.005103	0	0	0	0	0	0
0.008587	0	0	0	0	0	0
0.006582	0	0	0	1	0	1
0.005922	0	0	0	0	0	0
0.010057	0	0	0	0	0	0
0.006931	0	0	0	0	0	0
0.012323	0	0	0	0	0	0
0.003546	0	0	0	0	0	0
0.003411	0	0	0	0	0	0
0.00394	0	0	0	0	0	0
0.003237	0	0	0	0	0	0
0.003765	0	0	0	0	0	0
0.715026	0	0	0	0	0	0
0.004031	0	0	0	0	0	0
0.012935	0	0	0	0	0	0
0.011712	0	0	0	0	0	0
0.031909	0	0	0	0	0	0
0.023098	0	0	0	0	0	0
0.444652	0.02	0	0	0	0	0
0.025244	0	0	0	0	0	0
0.003194	0	0	0	0	0	0
0.00317	0	0	0	0	0	0
0.017943	0	0	0	0	0	0
0.034071	0	0	0	0	0	0
0.02294	0	0	0	0	0	0
0.00607	0	0	0	0	0	0
0.003912	0	0	0	0	0	0
0.003408	0	0	0	0	0	0
0.00333	0	0	0	0	0	0
0.007012	0	0	0	0	0	0
0.002792	0	0	0	0	0	0
0.004188	0	0	0	0	0	0
0.056452	0	0	0	0	0	0
0.078064	0	0	0	0	0	0
0.004845	0	0	0	0	0	0
0.002664	0	0	0	0	0	0
0.002329	0	0	0	0	0	0
0.045579	0	0	0	0	0	0
0.067494	0	0	0	0	0	0
0.033198	0	0	0	0	0	0
0.030489	0	0	0	0	0	0
0.049344	0	0	0	0	0	0
0.036297	0	0	0	0	0	0
0.105498	0	0	0	0	0	0
0.043412	0	0	0	0	0	0
0.041478	0	0	0	0	0	0
0.048983	0	0	0	0	0	0
0.041252	0	0	0	0	0	0
0.054963	0	0	0	0	0	0

0.074698	0	0	0	0	0	0
0.114618	0	0	0	0	0	0
0.068729	0	0	0	0	0	0
0.01624	0	0	0	0	0	0
0.006659	0	0	0	0	0	0
0.00689	0	0	0	0	0	0
0.019968	0	0	0	0	0	0
0.093512	0.07	0	0	0	0	0
0.016233	0	0	0	0	0	0
0.022359	0	0	0	0	0	0
0.03571	0	0	0	0	0	0
0.057945	0	0	0	0	0	0
0.028982	0	0	0	0	0	0
0.011734	0	0	0	0	0	0
0.064019	0	0	0	0	0	0
0.033668	0	0	0	0	0	0
0.042451	0	0	0	0	0	0
0.016283	0	0	0	0	0	0
0.033172	0	0	0	0	0	0
0.020066	0	0	1	0	0	1
0.012681	0	0	0	0	0	0
0.018293	0	0	0	0	0	0
0.050954	0	0	0	0	0	0
0.029363	0	0	0	0	0	0
0.03464	0	0	0	0	0	0
0.053786	0	0	0	0	0	0
0.045364	0	0	0	0	0	0
0.133106	0	0	0	0	0	0
0.078129	0	0	0	0	0	0
0.026498	0	0	0	0	0	0
0.010926	0	0	0	0	0	0
0.006914	0.02	0	0	0	0	0
0.002124	0	0	0	0	0	0
0.007162	0	0	0	0	0	0
0.014611	0.04	0	0	0	0	0
0.047023	0	0	0	0	0	0
0.040869	0	0	0	0	0	0
0.019436	0.02	0	0	0	0	0
0.086292	0	0	0	0	0	0
0.039413	0	0	0	0	0	0
0.033359	0	0	0	0	0	0
0.001933	0	0	0	0	0	0
0.004195	0	0	0	0	0	0
0.001786	0	0	0	0	0	0
0.019214	0	0	0	0	0	0
0.090034	0	0	0	0	0	0
0.049851	0	0	0	0	0	0
0.015785	0	0	0	0	0	0
0.015889	0	0	0	0	0	0
0.038318	0	0	0	0	0	0

0.016245	0	0	0	0	0	0
0.01448	0	0	0	0	0	0
0.019733	0	0	0	0	0	0
0.040286	0	0	0	0	0	0
0.02009	0	0	0	0	0	0
0.021768	0	0	0	0	0	0
0.015031	0	0	0	0	0	0
0.013306	0	0	0	0	0	0
0.01297	0	0	0	0	0	0
0.060155	0	0	0	0	0	0
0.040463	0	0	0	0	0	0
0.056063	0	0	0	0	0	0
0.045398	0	0	0	0	0	0
0.04593	0	0	0	0	0	0
0.04658	0	0	0	0	0	0
0.064637	0	0	0	0	0	0
0.028436	0	0	0	0	0	0
0.061606	0	0	0	0	0	0
0.051473	0	0	0	0	0	0
0.047016	0	0	0	0	0	0
0.057808	0	0	0	0	0	0
0.058872	0	0	0	0	0	0
0.044781	0	0	0	0	0	0
0.060538	0	0	0	0	0	0
0.038106	0	0	0	0	0	0
0.196899	0	0	0	0	0	0
0.014905	0	0	0	0	0	0
0.018911	0	0	0	0	0	0
0.109747	0	0	0	0	0	0
0.046307	0	0	0	0	0	0
0.025129	0	0	0	0	0	0
0.033993	0	0	0	0	0	0
0.057127	0	0	0	0	0	0
0.021472	0	0	0	0	0	0
0.021153	0	0	0	0	0	0
0.014672	0	0	0	0	0	0
0.071977	0	0	0	0	0	0
0.001116	0	0	0	0	0	0
0.001698	0	0	0	0	0	0
0.006365	0	0	0	0	0	0
0.009969	0	0	0	0	0	0
0.003024	0	0	0	0	0	0
0.00265	0	0	0	0	0	0
0.002161	0	0	0	0	0	0
0.012952	0	0	0	0	0	0
0.004664	0	0	0	0	0	0
0.01479	0	0	0	0	0	0
0.001118	0	0	0	0	0	0
0.004849	0	0	0	0	0	0
0.991248	0	0	0	0	0	0

0.031544	0	0	0	0	0	0
0.002606	0	0	0	0	0	0
0.001859	0	0	0	0	0	0
0.025575	0	0	0	0	0	0
0.01599	0	0	0	0	0	0
0.011898	0	0	0	0	0	0
0.012913	0	0	0	0	0	0
0.010016	0	0	0	0	0	0
0.01198	0	0	0	0	0	0
0.023086	0	0	0	0	0	0
0.019194	0	0	0	0	0	0
0.030246	0	0	0	0	0	0
0.006364	0	0	0	0	0	0
0.005475	0	0	0	0	0	0
0.008065	0	0	0	0	0	0
0.01166	0	0	0	0	0	0
0.009025	0	0	0	0	0	0
0.005771	0	0	0	0	0	0
0.015451	0	0	0	0	0	0
0.015357	0	0	0	0	0	0
0.014609	0	0	0	0	0	0
0.067702	0	0	0	0	0	0
0.139791	0	0	0	0	0	0
0.225155	0	0	0	0	0	0
0.210862	0	0	0	0	0	0
0.028212	0	0	0	0	0	0
0.035253	0	0	0	0	0	0
0.053529	0	0	0	0	0	0
0.055903	0	0	0	0	0	0
0.067353	0	0	0	0	0	0
0.058482	0	0	0	0	0	0
0.107625	0	0	0	0	0	0
0.109016	0	0	0	0	0	0
0.022386	0	0	0	0	0	0
0.730454	0.3	0	0	0	0	0
0.080118	0	0	0	0	0	0
0.093287	0	0	0	0	0	0
0.738213	0.01	0	0	0	0	0
0.012156	0	0	0	0	0	0
0.0044	0	0	0	0	0	0
0.003925	0	0	0	0	0	0
0.00214	0	0	0	0	0	0
0.073659	0	0	0	0	0	0
0.165323	0	0	0	0	0	0
0.436988	0.05	0	0	0	0	0
0.130105	0	0	0	0	0	0
0.063914	0	0	0	0	0	0
0.066966	0	0	0	0	0	0
0.008668	0	0	0	0	0	0
0.008709	0	0	0	0	3	3

0.012167	0	3	0	0	0	3
0.010745	0	0	0	0	0	0
0.020034	0	0	0	0	0	0
0.01224	0	0	0	0	0	0
0.011432	0	0	0	0	0	0
0.011013	0	0	0	0	0	0
0.012743	0	0	0	0	0	0
0.018764	0	0	0	0	0	0
0.022483	0	0	0	0	0	0
0.015499	0	0	0	0	0	0
0.022969	0	0	0	0	0	0
0.027507	0	0	0	0	0	0
0.019507	0	13	0	0	0	13
0.016934	0	0	0	0	0	0
0.02586	0	0	0	0	0	0
0.016305	0	0	0	0	0	0
0.013796	0	0	0	0	0	0
0.057037	0	0	0	0	0	0
0.078765	0	0	0	0	0	0
0.061761	0	0	0	0	0	0
0.060546	0	0	0	0	0	0
0.059912	0	0	0	0	0	0
0.19561	0	0	0	0	0	0
0.073692	0	0	0	0	0	0
0.040584	0	0	0	0	0	0
0.481667	0	0	0	0	0	0
0.051315	0	0	0	0	0	0
0.074274	0	0	0	0	0	0
0.142698	0	0	0	0	0	0
0.062196	0	0	0	0	0	0
0.201568	0	0	0	0	0	0
0.178741	0	0	0	0	0	0
0.055854	0	0	0	0	0	0
0.354447	0	0	0	0	0	0
0.017605	0	0	0	0	0	0
0.045484	0	0	0	0	0	0
0.04082	0	0	0	0	0	0
0.056231	0	0	0	0	0	0
0.066344	0	0	0	0	0	0
0.037173	0	0	0	0	0	0
0.004637	0	0	0	0	0	0
0.005658	0	0	0	0	0	0
0.006327	0	0	0	0	0	0
0.033438	0	0	0	0	0	0
0.029702	0	0	0	0	0	0
0.021585	0	0	0	0	0	0
0.038246	0	0	0	0	0	0
0.017332	0	0	0	0	0	0
0.043803	0	0	0	0	0	0
0.026454	0	0	0	0	0	0



0.041096	0	0	0	0	0	0
0.094748	0	0	0	0	0	0
0.008159	0	0	0	0	0	0
0.102931	0	0	0	0	0	0
0.082983	0	0	0	0	0	0
0.065571	0	0	0	0	0	0
0.04162	0	0	0	0	0	0
0.043303	0	0	0	0	0	0
0.061702	0	0	0	0	0	0
0.03398	0	0	0	0	0	0
0.030197	0	0	0	0	0	0
0.026316	0	0	0	0	0	0
0.017091	0	0	0	0	0	0
0.014296	0	0	0	0	0	0
0.009879	0	0	0	0	0	0
0.019571	0	0	0	0	0	0
0.416182	0	0	0	0	0	0
0.06361	0	0	0	0	0	0
0.021419	0	0	0	0	0	0
0.00839	0	0	0	0	0	0
0.025334	0	0	0	0	0	0
0.015803	0	0	0	0	0	0
0.017229	0	0	0	0	0	0
0.058642	0	0	0	0	0	0
0.006939	0	0	0	0	0	0
0.07075	0	0	0	0	0	0
0.083628	0	0	0	0	0	0
0.036802	0	0	0	0	0	0
0.094718	0	0	0	0	0	0
0.020033	0	0	0	0	0	0
0.013671	0	0	0	0	0	0
0.009343	0	0	0	0	0	0
0.061452	0	0	0	0	0	0
0.028408	0	0	0	0	0	0
0.00922	0	0	0	0	0	0
0.054823	0	0	0	0	0	0
0.030737	0	0	0	0	0	0
0.01547	0	0	0	0	0	0
0.022313	0	0	0	0	0	0
0.020238	0	0	0	0	0	0
0.018075	0	0	0	0	0	0
0.005631	0	0	0	0	0	0
0.010406	0	0	0	0	0	0
0.107852	0	0	0	0	0	0
0.010676	0	0	0	0	0	0
0.644447	0.17	0	0	0	0	0
0.027503	0	0	0	0	0	0
0.022337	0	0	0	0	0	0
0.027648	0	0	0	0	0	0
0.013628	0	0	0	0	0	0

0.025164	0	0	0	0	0	0
0.022825	0	0	0	0	0	0
0.111509	0	0	0	0	0	0
0.010555	0	0	0	0	0	0
0.040933	0	0	0	0	0	0
0.011924	0	0	0	0	2	2
0.100926	0	2	8	0	0	10
0.026338	0	0	0	0	0	0
0.008226	0	0	0	0	0	0
0.00956	0	0	0	0	0	0
0.017945	0	0	0	0	0	0
0.061674	0	0	0	0	0	0
0.043634	0	0	0	0	0	0
0.03405	0	0	0	0	0	0
0.022487	0	0	0	0	0	0
0.067964	0	0	0	0	0	0
0.025224	0	0	0	0	0	0
0.021063	0	0	0	0	0	0
0.007724	0	0	0	0	0	0
0.016846	0	0	0	0	0	0
0.004305	0	0	0	0	0	0
0.002364	0	0	0	0	0	0
0.004317	0	0	0	0	0	0
0.036565	0	0	0	0	0	0
0.001715	0	0	0	0	0	0
0.002151	0	0	0	0	0	0
0.000968	0	0	0	0	0	0
0.000289	0	0	0	0	0	0
0.028295	0	0	0	0	0	0
0.016255	0	0	0	0	0	0
0.023249	0	0	0	0	0	0
0.007712	0	0	0	0	0	0
0.02916	0	0	0	0	0	0
0.006128	0	0	0	0	0	0
0.005095	0	0	0	0	0	0
0.014798	0	0	0	0	0	0
0.015078	0	0	0	0	0	0
0.011132	0	0	0	0	0	0
0.009098	0	0	0	0	0	0
0.009107	0	0	0	0	0	0
0.010297	0	0	0	0	0	0
0.009152	0	0	0	0	0	0
0.006419	0	0	0	0	0	0
0.014096	0	0	0	0	0	0
0.011125	0	0	0	0	0	0
0.030518	0	0	0	0	0	0
0.010826	0	0	0	0	0	0
0.030342	0	0	0	0	0	0
0.034421	0	0	0	0	0	0
0.050651	0	0	0	0	0	0

0.032153	0	0	0	0	0	0
0.015627	0	0	0	0	0	0
0.011914	0	0	0	0	0	0
0.16525	0	0	0	0	0	0
0.102546	0	0	0	0	0	0
0.049678	0	0	0	0	0	0
0.057112	0	0	0	0	0	0
0.071788	0	0	0	0	0	0
0.167768	0	0	0	0	0	0
0.004551	0	0	0	0	0	0
0.004387	0.01	0	0	0	0	0
0.002903	0	0	0	0	0	0
0.003256	0	0	0	0	0	0
0.004184	0	0	0	0	0	0
0.001549	0	0	0	0	0	0
0.01212	0	0	0	0	0	0
0.00773	0	0	0	0	0	0
0.005594	0	0	0	0	0	0
0.005472	0	0	0	0	0	0
0.014444	0	0	0	0	0	0
0.019877	0	0	0	0	0	0
0.031652	0	0	0	0	0	0
0.009251	0	0	0	0	0	0
0.02444	0	0	0	0	0	0
0.010292	0	0	0	0	0	0
0.01598	0	0	0	0	0	0
0.006559	0	0	0	0	0	0
0.010664	0	0	0	0	0	0
0.00644	0	0	0	0	0	0
0.005166	0	0	0	0	0	0
0.007428	0	0	0	0	0	0
0.004318	0	0	0	0	0	0
0.005144	0	0	0	0	0	0
0.003675	0	0	0	0	0	0
0.002297	0	0	0	0	0	0
0.046707	0	0	0	0	3	3
0.006036	0	3	2	0	1	6
0.047278	0	0	0	0	0	0
0.040879	0	0	0	0	0	0
0.037476	0	0	0	0	0	0
0.031323	0	0	0	0	0	0
0.031296	0	0	0	0	0	0
0.010455	0	0	0	0	0	0
0.055592	0	0	0	0	0	0
0.041964	0	0	0	0	0	0
0.010549	0	0	0	0	0	0
0.026564	0	0	0	0	0	0
0.010157	0	0	0	0	0	0
0.139998	0	0	0	0	0	0
0.078483	0	0	0	0	0	0

0.024472	0	0	0	0	0	0
0.005456	0	0	0	0	0	0
0.02543	0	0	0	0	0	0
0.014882	0	0	0	0	0	0
0.020334	0	0	0	0	0	0
0.02028	0	0	0	0	0	0
0.012062	0	0	0	0	0	0
0.039175	0	0	0	0	0	0
0.045006	0	0	0	0	0	0
0.081567	0	0	0	0	0	0
0.187127	0	0	0	0	0	0
0.004657	0	0	0	0	0	0
0.080397	0.08	0	0	0	0	0
0.067539	0.11	0	0	0	0	0
0.140016	0.07	0	0	0	0	0
0.077278	0.03	0	0	0	0	0
0.220417	0	0	0	0	0	0
0.040538	0	0	0	0	0	0
0.632913	0	0	0	0	0	0
0.196273	0	0	0	0	0	0
0.054833	0	0	0	0	0	0
0.222923	0	0	0	0	0	0
0.026337	0	0	0	0	0	0
0.04315	0	0	0	0	0	0
0.028831	0	0	0	0	6	6
0.23541	0.13	0	0	0	0	0
0.093036	0.02	0	0	0	0	0
0.021171	0	0	0	0	0	0
0.030531	0	0	0	0	0	0
0.308877	0	0	0	0	0	0
0.144904	0.03	0	0	0	0	0
0.021892	0	0	0	0	0	0
0.006896	0	0	0	0	0	0
0.031568	0	0	0	0	0	0
0.054849	0	0	0	0	0	0
0.054199	0	0	0	0	0	0
0.024654	0	0	0	0	0	0
0.069432	0.07	0	0	0	0	0
0.084369	0.2	0	0	0	0	0
0.031716	0.11	0	0	0	0	0
0.064669	0.18	0	0	0	0	0
0.050584	0	0	0	0	0	0
0.400165	0.02	0	0	0	0	0
0.02148	0	0	0	0	0	0
0.02292	0	0	0	0	0	0
0.083233	0	0	0	0	0	0
0.033138	0.07	0	0	0	0	0
0.008378	0	0	0	0	0	0
0.088602	0.02	0	0	0	0	0
0.052144	0	0	0	0	0	0

0.055461	0	0	0	0	0	0
0.054339	0	0	0	0	0	0
0.106453	0	0	0	0	0	0
0.023191	0	0	0	0	0	0
0.019384	0	0	0	0	0	0
0.025884	0	0	0	0	0	0
0.004469	0	0	0	0	0	0
0.006851	0	0	0	0	0	0
0.015966	0	0	0	0	0	0
0.010634	0	0	0	0	0	0
0.019901	0	0	0	0	0	0
0.037278	0	0	0	0	0	0
0.013746	0	0	0	0	0	0
0.104655	0	0	0	0	0	0
0.015709	0	0	0	0	0	0
0.164558	0	0	0	0	0	0
0.238501	0	0	0	0	0	0
0.344626	0.02	0	0	0	0	0
0.028168	0	0	0	0	0	0
0.064047	0	0	0	0	0	0
0.127071	0	0	0	0	0	0
0.053609	0	0	0	0	0	0
0.08486	0	0	0	0	0	0
0.073126	0	0	0	0	0	0
0.038878	0	0	0	0	0	0
0.08783	0	0	0	0	0	0
0.089124	0	0	0	0	0	0
0.043531	0	0	0	0	0	0
0.056854	0	0	0	0	0	0
0.002296	0	0	0	0	0	0
0.004472	0	0	0	0	0	0
0.002831	0	0	0	0	0	0
0.010201	0	0	0	0	0	0
0.00056	0	0	0	0	0	0
0.003961	0	0	0	0	0	0
0.006296	0	0	0	0	0	0
0.003124	0	0	0	0	0	0
0.005506	0	0	0	0	0	0
0.000336	0	0	0	0	0	0
0.056811	0	0	0	0	0	0
0.013438	0	0	0	0	0	0
0.005445	0	0	0	0	0	0
0.00516	0	0	0	0	0	0
0.009758	0	0	0	0	0	0
0.020362	0	0	0	0	0	0
0.003327	0	0	0	0	0	0
0.002554	0	0	0	0	0	0
0.002223	0	0	0	0	0	0
0.002027	0	0	0	0	0	0
0.032651	0	0	0	0	0	0

0.006714	0	0	0	0	0	0
0.002027	0	0	0	0	7	7
0.057954	0	7	0	0	0	7
0.005332	0	0	0	0	0	0
0.000826	0	0	0	0	0	0
0.001712	0	0	0	0	0	0
0.001626	0	0	0	0	0	0
0.006278	0.01	0	0	0	0	0
0.001927	0	0	0	0	2	2
0.014346	0	2	0	0	4	6
0.001035	0	4	0	0	4	8
0.005871	0	4	0	0	0	4
0.002381	0	0	0	0	0	0
0.000779	0	0	0	0	0	0
0.59872	0.08	0	0	0	0	0
0.015906	0	0	0	0	0	0
0.003228	0	0	0	0	0	0
0.038376	0	0	0	0	0	0
0.002883	0.08	0	0	0	0	0
0.00791	0.07	0	0	0	0	0
0.012488	0	0	6	0	0	6
0.004666	0	0	0	0	0	0
0.005148	0	0	0	0	0	0
0.003519	0	0	0	0	0	0
0.014904	0	0	0	0	0	0
0.005919	0	0	0	0	0	0
0.00984	0	0	0	0	0	0
0.012954	0	0	0	0	0	0
0.009968	0	0	0	0	0	0
0.017859	0	0	0	0	0	0
0.008051	0	0	0	0	0	0
0.006231	0	0	0	0	0	0
0.02187	0	0	0	0	0	0
0.018004	0	0	0	0	0	0
0.004584	0	0	0	0	0	0
0.027681	0	0	0	0	0	0
0.010866	0	0	0	0	0	0
0.03931	0	0	0	0	0	0
0.020149	0	0	0	0	0	0
0.006447	0	0	0	0	0	0
0.040677	0	0	0	0	0	0
0.087233	0	0	0	0	0	0
0.012709	0	0	0	0	0	0
0.018073	0	0	0	0	0	0
0.052132	0	0	0	0	0	0
0.135723	0	0	0	0	0	0
0.030992	0	0	0	0	0	0
0.059473	0	0	0	0	0	0
0.00648	0	0	0	0	0	0
0.051513	0	0	0	0	0	0

0.031187	0	0	0	0	0	0
0.013396	0	0	0	0	0	0
0.012309	0	0	0	0	0	0
0.010269	0	0	0	0	0	0
0.012644	0	0	0	0	0	0
0.019634	0	0	0	0	0	0
0.010152	0	0	0	0	0	0
0.008074	0	0	0	0	0	0
0.003783	0	0	0	0	0	0
0.062127	0	0	0	0	0	0
0.003	0	0	0	0	0	0
0.002712	0	0	0	0	0	0
0.002355	0	0	0	0	0	0
0.011838	0	0	0	0	0	0
0.13218	0	0	0	0	0	0
0.119815	0	0	0	0	0	0
0.202663	0	0	0	0	0	0
0.035919	0	0	0	0	0	0
0.045858	0	0	0	0	0	0
0.033062	0	0	0	0	0	0
0.062316	0	0	0	0	0	0
0.006633	0	0	0	0	0	0
0.030063	0	0	0	0	0	0
0.009581	0	0	0	0	0	0
0.084546	0.22	0	0	0	0	0
0.006393	0	0	0	0	0	0
0.044837	0	0	0	0	0	0
0.028849	0	0	0	0	0	0
0.025483	0	0	0	0	0	0
0.028049	0	0	0	0	0	0
0.040744	0	0	1	0	0	1
0.050778	0	0	0	0	0	0
0.018975	0	0	0	0	0	0
0.030514	0	0	0	0	0	0
0.03575	0	0	13	0	0	13
0.064739	0	0	0	0	0	0
0.012793	0	0	0	0	0	0
0.015406	0	0	0	0	0	0
0.012176	0	0	0	0	0	0
0.038399	0	0	0	0	3	3
0.027311	0	3	0	0	0	3
0.10743	0.02	0	0	0	0	0
0.034514	0	0	0	0	0	0
0.032374	0	0	0	0	0	0
0.04697	0	0	0	0	0	0
0.052855	0	0	0	0	0	0
0.038468	0	0	0	0	0	0
0.028044	0	0	0	0	0	0
0.045651	0	0	0	0	0	0
0.012341	0	0	0	0	0	0

0.00927	0	0	0	0	0	0
0.007502	0	0	0	0	0	0
0.008179	0	0	0	0	0	0
0.019053	0	0	0	0	0	0
0.052246	0	0	0	0	0	0
0.008329	0	0	0	0	0	0
0.016589	0	0	0	0	0	0
0.044918	0	0	0	0	0	0
0.027555	0	0	0	0	0	0
0.023317	0	0	0	0	0	0
0.022793	0	0	0	0	0	0
0.009038	0	0	0	0	0	0
0.006667	0	0	0	0	0	0
0.018875	0	0	0	0	0	0
0.091293	0	0	0	0	0	0
0.013111	0	0	0	0	0	0
0.015658	0	0	0	0	0	0
0.016028	0	0	0	0	0	0
0.014265	0	0	0	0	0	0
0.014486	0	0	0	0	0	0
0.043377	0	0	0	0	0	0
0.115103	0	0	0	0	0	0
0.086272	0	0	0	0	0	0
0.035149	0	0	0	0	0	0
0.053744	0	0	0	0	0	0
0.082445	0	0	0	0	0	0
0.022811	0	0	0	0	0	0
0.048367	0	0	0	0	0	0
0.017875	0	0	0	0	0	0
0.065251	0.03	2	0	0	4	6
0.009469	0	0	0	0	0	0
0.006822	0	0	0	0	0	0
0.003798	0	0	0	0	0	0
0.003507	0	0	0	0	0	0
0.011108	0	4	0	0	0	4
0.009482	0	0	0	0	0	0
0.010015	0	0	0	0	0	0
0.012304	0	0	0	0	0	0
0.007357	0	0	0	0	0	0
0.045301	0	0	0	0	0	0
0.007319	0	0	0	0	0	0
0.006153	0	0	0	0	0	0
0.720937	0.04	0	0	0	0	0
0.047832	0	0	0	0	0	0
0.258186	0	0	0	0	0	0
0.423599	0.16	0	0	0	0	0
0.024201	0	0	0	0	0	0
0.115734	0	0	0	0	0	0
0.147578	0	0	0	0	0	0
0.036753	0	0	0	0	0	0



0.050923	0	0	0	0	0	0
0.048104	0	0	0	0	0	0
0.039518	0	0	0	0	0	0
0.053922	0	0	0	0	0	0
0.050413	0	0	0	0	0	0
0.043218	0	0	0	0	0	0
0.040117	0	0	0	0	0	0
0.055905	0	0	0	0	0	0
0.048069	0	0	0	0	0	0
0.634109	0	0	0	0	0	0
0.092784	0	0	0	0	0	0
0.07607	0	0	0	0	0	0
0.05636	0	0	0	0	0	0
0.298113	0	0	0	0	0	0
0.335753	0	0	0	0	0	0
0.170734	0	0	0	0	0	0
0.03999	0	0	0	0	0	0
0.054802	0	0	0	0	0	0
0.040592	0	0	0	0	0	0
0.021281	0	0	0	0	0	0
0.022301	0	0	0	0	0	0
0.017439	0	0	0	0	0	0
0.010757	0	0	0	0	0	0
0.029348	0	0	0	0	0	0
0.053654	0	0	0	0	0	0
0.046727	0	0	0	0	0	0
0.059111	0	0	0	0	0	0
0.065484	0	0	0	0	0	0
0.08568	0	0	0	0	0	0
0.028556	0	0	0	0	0	0
0.043862	0	0	0	0	0	0
0.032064	0	0	0	0	0	0
0.03127	0	0	0	0	0	0
0.039417	0	0	0	0	0	0
0.042803	0	0	0	0	0	0
0.044507	0	0	0	0	0	0
0.033797	0	0	0	0	0	0
0.018479	0	0	0	0	0	0
0.025723	0	0	0	0	0	0
0.06549	0	0	0	0	0	0
0.030723	0	0	0	0	0	0
0.052261	0	0	0	0	0	0
0.052898	0	0	0	0	0	0
0.028504	0	0	0	0	0	0
0.013744	0	0	0	0	0	0
0.022539	0	0	0	0	0	0
0.021591	0	0	0	0	0	0
0.033522	0	0	0	0	0	0
0.110075	0	0	0	0	0	0
0.061924	0	0	0	0	0	0

0.122703	0	0	0	0	0	0
0.042033	0	0	0	0	0	0
0.103166	0	0	0	0	0	0
0.071033	0	0	0	0	0	0
0.00954	0	0	0	0	0	0
0.012741	0	0	0	0	0	0
0.088979	0.01	0	0	0	0	0
0.033195	0	0	0	0	0	0
0.018181	0	0	0	0	0	0
0.03431	0	0	0	0	0	0
0.014979	0	0	0	0	0	0
0.025431	0	0	0	0	0	0
0.053164	0	0	0	0	0	0
0.037096	0	0	0	0	0	0
0.025275	0	0	0	0	0	0
0.024167	0	0	0	0	0	0
0.052344	0	0	0	0	0	0
0.026574	0	0	0	0	0	0
0.02063	0	0	0	0	0	0
0.018836	0	0	0	0	0	0
0.009532	0	0	0	0	0	0
0.005993	0	0	0	0	0	0
0.006577	0	0	0	0	0	0
0.006192	0	0	0	0	0	0
0.006811	0	0	0	0	0	0
0.00518	0	0	0	0	0	0
0.01261	0	0	0	0	0	0
0.006728	0	0	0	0	0	0
0.01013	0	0	0	0	0	0
0.004987	0	0	0	0	0	0
0.073419	0	0	0	0	0	0
0.004988	0	0	0	0	0	0
0.01679	0	0	0	0	0	0
0.00996	0	0	0	0	0	0
0.006305	0	0	0	0	0	0
0.006128	0	0	0	0	0	0
0.016064	0	0	0	0	0	0
0.009228	0	0	0	0	0	0
0.063025	0	0	0	0	0	0
0.014733	0	0	0	0	0	0
0.01185	0	0	0	0	0	0
0.016642	0	0	0	0	0	0
0.012034	0	0	0	0	0	0
0.010849	0	0	0	0	0	0
0.09218	0.02	0	0	0	0	0
0.008262	0	0	0	0	0	0
0.053149	0	0	0	0	0	0
0.010883	0	0	0	0	0	0
0.017146	0	0	0	0	0	0
0.013218	0	0	0	0	0	0

0.006728	0	0	0	0	0	0
0.015045	0	0	0	0	0	0
0.007858	0	0	0	0	0	0
0.019101	0	0	0	0	0	0
0.01067	0	0	0	0	0	0
0.014496	0	0	0	0	0	0
0.005161	0	0	0	0	0	0
0.006765	0	0	0	0	0	0
0.003783	0	0	0	0	0	0
0.004625	0	0	0	0	0	0
0.011428	0	0	0	0	0	0
0.013255	0	0	0	0	0	0
0.007077	0	0	0	0	0	0
0.004689	0	0	0	0	0	0
0.003825	0	0	0	0	0	0
0.010911	0	0	0	0	0	0
0.01045	0	0	0	0	0	0
0.002727	0	0	0	0	0	0
0.01761	0	0	0	0	0	0
0.004555	0	0	0	0	0	0
0.005175	0	0	0	0	0	0
0.008866	0	0	0	0	0	0
0.002753	0	0	0	0	0	0
0.001716	0	0	0	0	0	0
0.001467	0	0	0	0	0	0
0.003367	0	0	0	0	0	0
0.00422	0.01	0	0	0	0	0
0.003134	0	0	0	0	0	0
0.004349	0	0	0	0	0	0
0.002863	0	0	0	0	0	0
0.002112	0	0	0	0	0	0
0.017933	0	0	0	0	0	0
0.001679	0	0	0	0	0	0
0.005111	0	0	0	0	4	4
0.004479	0	4	0	0	0	4
0.004097	0	0	0	0	0	0
0.037726	0.01	0	0	0	0	0
0.002513	0	0	0	0	0	0
0.009391	0	0	0	0	0	0
0.016127	0	0	0	0	0	0
0.01592	0	0	0	0	0	0
0.007882	0	0	0	0	0	0
0.046887	0	0	2	0	0	2
0.071888	0	0	0	0	0	0
0.044316	0	0	0	0	0	0
0.049254	0	0	0	0	0	0
0.06271	0	0	0	0	0	0
0.042626	0	0	0	0	0	0
0.049079	0	0	0	0	0	0
0.038794	0	0	0	0	0	0

0.053499	0	0	0	0	0	0
0.055437	0	0	0	0	0	0
0.045453	0	0	0	0	0	0
0.061637	0	0	0	0	0	0
0.040056	0	0	0	0	0	0
0.040485	0	0	0	0	0	0
0.043614	0	0	0	0	0	0
0.04228	0	0	0	0	0	0
0.043725	0	0	0	0	0	0
0.036379	0	0	0	0	0	0
0.04528	0	0	0	0	0	0
0.037174	0	0	0	0	0	0
0.023127	0	0	0	0	0	0
0.027953	0	0	0	0	0	0
0.078259	0	0	0	0	0	0
0.024967	0	0	0	0	0	0
0.026602	0	0	0	0	0	0
0.028524	0	0	0	0	0	0
0.019055	0	0	0	0	0	0
0.025547	0	0	0	0	0	0
0.027744	0	0	0	0	0	0
0.023308	0	0	0	0	0	0
0.018149	0	0	0	0	0	0
0.015317	0	0	0	0	0	0
0.01332	0	0	0	0	0	0
0.04817	0	0	0	0	0	0
0.013701	0	0	0	0	0	0
0.01284	0	0	0	0	0	0
0.013009	0	0	0	0	0	0
0.020265	0	0	0	0	0	0
0.015482	0	0	0	0	0	0
0.010526	0	0	0	0	0	0
0.012665	0	0	0	0	0	0
0.020293	0	0	0	0	0	0
0.012952	0	0	0	0	0	0
0.007855	0	0	0	0	0	0
0.050753	0	0	0	0	0	0
0.006362	0	0	0	0	0	0
0.007022	0	0	0	0	0	0
0.008026	0	0	0	0	0	0
0.021581	0	0	0	0	0	0
0.012327	0	0	0	0	0	0
0.017898	0	0	1	0	0	1
0.005888	0	0	0	0	0	0
0.050465	0	0	0	0	0	0
0.06385	0	0	0	0	0	0
0.033096	0	0	0	0	0	0
0.058249	0	0	0	0	0	0
0.128318	0	0	0	0	0	0
0.206174	0	0	0	0	0	0

0.190413	0	0	0	0	0	0
0.010338	0	0	0	0	0	0
0.066706	0	0	0	0	0	0
0.011804	0	0	0	0	0	0
0.000813	0	0	0	0	0	0
0.001588	0	0	0	0	0	0
0.005703	0	0	0	0	0	0
0.004233	0	0	0	0	0	0
0.059815	0	0	0	0	0	0
0.091367	0	0	0	0	0	0
0.008477	0	0	0	0	0	0
0.028631	0	0	0	0	0	0
0.017853	0	0	0	0	0	0
0.011304	0	0	0	0	0	0
0.003197	0	0	0	0	0	0
0.020579	0	0	0	0	0	0
0.005831	0	0	0	0	4	4
0.04728	0	0	0	0	0	0
0.043183	0	0	0	0	0	0
0.113523	0	0	0	0	0	0
0.201877	0	0	0	0	0	0
0.06024	0	0	0	0	0	0
0.30583	0	0	0	0	0	0
0.055178	0	0	0	0	0	0
0.017316	0	0	0	0	0	0
0.100079	0.05	0	0	0	0	0
0.035755	0	0	0	0	0	0
0.203365	0	0	0	0	0	0
0.163092	0	0	0	0	0	0
0.094308	0	0	0	0	0	0
0.087575	0	0	0	0	0	0
0.066591	0	0	0	0	0	0
0.057114	0	0	0	0	0	0
0.011755	0	0	0	0	0	0
0.016553	0	0	0	0	0	0
0.041591	0	0	0	0	0	0
0.06759	0	0	0	0	0	0
0.017331	0	0	0	0	0	0
0.009882	0	0	0	0	0	0
0.015232	0	0	0	0	0	0
0.011765	0	0	0	0	0	0
0.014237	0	0	0	0	0	0
0.615514	0.16	0	0	0	0	0
0.00534	0	0	0	0	0	0
0.054893	0	0	0	0	0	0
0.114069	0	0	0	0	0	0
0.038727	0	0	0	0	0	0
0.007985	0	0	0	0	0	0
0.001929	0	0	0	0	0	0
0.003625	0	0	0	0	0	0

0.006945	0	0	0	0	0	0
0.001566	0	0	0	0	0	0
0.004071	0	0	0	0	0	0
0.003343	0	0	0	0	0	0
0.00425	0	0	0	0	0	0
0.009389	0	0	0	0	0	0
0.007223	0	0	0	0	0	0
0.00377	0	0	0	0	0	0
0.003085	0	0	0	0	0	0
0.002889	0	0	0	0	0	0
0.00579	0	0	0	0	0	0
0.004192	0	0	0	0	0	0
0.002444	0	0	0	0	0	0
0.022912	0	0	0	0	0	0
0.005447	0	0	0	0	0	0
0.003055	0	0	0	0	0	0
0.003662	0	0	0	0	0	0
0.004464	0	0	0	0	0	0
0.00424	0	0	0	0	0	0
0.004761	0	0	0	0	0	0
0.002191	0	0	0	0	0	0
0.003629	0	0	0	0	0	0
0.003528	0	0	0	0	0	0
0.002352	0	0	0	0	0	0
0.018908	0	0	0	0	0	0
0.003765	0	0	0	0	0	0
0.003217	0	0	0	0	0	0
0.005315	0	0	0	0	0	0
0.014106	0.01	0	0	0	0	0
0.00609	0	0	0	0	0	0
0.004129	0	0	0	0	5	5
0.002381	0	5	0	0	0	5
0.011034	0	0	0	0	0	0
0.003702	0	0	0	0	0	0
0.005413	0	0	0	0	0	0
0.004331	0	0	0	0	0	0
0.004047	0	0	0	0	0	0
0.003309	0	0	0	0	0	0
0.00449	0	0	0	0	0	0
0.00428	0	0	0	0	0	0
0.008835	0	0	0	0	0	0
0.032898	0	0	0	0	0	0
0.013168	0	0	0	0	0	0
0.006492	0	0	0	0	0	0
0.013127	0	0	0	0	0	0
0.00855	0	0	0	0	0	0
0.011551	0	0	0	0	0	0
0.026595	0	0	0	0	0	0
0.017643	0	0	0	0	0	0
0.018895	0	0	0	0	0	0

0.008532	0	0	0	0	0	0
0.003824	0	0	0	0	0	0
0.002279	0	0	0	0	0	0
0.001996	0	0	0	0	0	0
0.010514	0	0	0	0	0	0
0.009179	0	0	0	0	0	0
0.002607	0	0	0	0	0	0
0.007668	0	0	0	0	0	0
0.000125	0	0	0	0	0	0
0.001711	0	0	0	0	0	0
0.001626	0	0	0	0	0	0
0.00284	0	0	0	0	0	0
0.00168	0	0	0	0	0	0
0.003787	0	0	0	0	0	0
0.001757	0	0	0	0	0	0
0.010811	0	0	0	0	0	0
0.718072	0	0	0	0	0	0
0.149582	0	0	0	0	0	0
0.082314	0	0	0	0	0	0
0.140262	0	0	0	0	0	0
0.039963	0	0	0	0	0	0
0.108128	0	0	0	0	0	0
0.034148	0	0	0	0	0	0
0.218661	0	0	0	0	0	0
0.019826	0	0	0	0	0	0
0.048904	0	0	0	0	0	0
0.051494	0	0	0	0	0	0
0.070825	0	0	0	0	0	0
0.07556	0	0	0	0	0	0
0.05713	0	0	0	0	0	0
0.047468	0	0	0	0	0	0
0.039676	0	0	0	0	0	0
0.095104	0	0	0	0	0	0
0.049994	0	0	0	0	0	0
0.184935	0	0	3	0	0	3
0.106156	0	0	0	0	0	0
0.174611	0	0	0	0	0	0
0.060358	0	0	0	0	0	0
0.174109	0	0	0	0	0	0
0.14445	0	0	0	0	0	0
0.054797	0	0	0	0	0	0
0.066701	0	0	0	0	0	0
0.029266	0	0	0	0	0	0
0.019728	0	0	0	0	0	0
0.054306	0	0	0	0	0	0
0.043703	0	0	0	0	0	0
0.120427	0	0	0	0	0	0
0.03635	0	0	0	0	0	0
0.11209	0	0	0	0	0	0
0.018466	0	0	0	0	0	0

0.051889	0	0	0	0	0	0
0.007688	0	0	0	0	0	0
0.002047	0	0	0	0	0	0
0.00264	0	0	0	0	0	0
0.002872	0	0	0	0	0	0
0.003258	0	0	0	0	0	0
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0.028067	0	0	0	0	0	0
0.04228	0	0	0	0	0	0
0.224397	0.08	0	0	0	0	0
0.064769	0	0	0	0	0	0
0.028115	0	0	0	0	0	0
0.026329	0	0	0	0	0	0
0.050187	0	0	0	0	0	0
0.046041	0	0	0	0	0	0
0.050712	0	0	0	0	0	0
0.074526	0	0	0	0	0	0
0.04884	0	0	0	0	0	0
0.028766	0	0	0	0	0	0
0.385691	0.04	0	0	0	0	0
0.040734	0	0	0	0	0	0
0.037167	0	0	0	0	0	0
0.029846	0	0	0	0	0	0
0.0375	0	0	0	0	0	0
0.037877	0	0	0	0	0	0
0.039448	0	0	0	0	0	0
0.034953	0	0	0	0	0	0
0.045647	0	0	0	0	0	0
0.033836	0	0	0	0	0	0
0.030929	0	0	0	0	0	0
0.026159	0	0	0	0	0	0
0.033182	0	0	0	0	0	0
0.146148	0	0	0	0	0	0
0.04334	0	0	0	0	0	0
0.05	0	0	0	0	0	0
0.034384	0	0	0	0	0	0
0.252428	0	0	0	0	0	0
0.035192	0	0	0	0	0	0
0.232407	0	0	0	0	0	0
0.257631	0	0	0	0	0	0
0.309565	0	0	0	0	0	0
0.05144	0	0	0	0	0	0
0.056953	0	0	0	0	0	0
0.103802	0	0	0	0	0	0
0.048842	0	0	0	0	0	0
0.073675	0	0	0	0	0	0
0.057612	0	0	0	0	0	0
0.040225	0	0	0	0	0	0
0.046724	0	0	0	0	0	0
0.033514	0	0	0	0	0	0



0.025719	0	0	0	0	0	0
0.052055	0	0	0	0	0	0
0.067648	0	0	0	0	0	0
0.057901	0	0	0	0	0	0
0.057592	0	0	0	0	0	0
0.050868	0	0	0	0	0	0
0.009669	0	0	0	0	0	0
0.019731	0	0	0	0	0	0
0.011978	0	0	0	0	0	0
0.009524	0	0	0	0	0	0
0.020803	0	0	0	0	0	0
0.006422	0	0	0	0	0	0
0.005501	0	0	3	3	0	6
0.006342	0	0	0	0	0	0
0.006765	0	0	0	0	0	0
0.019806	0	0	0	0	0	0
0.027039	0	0	0	0	0	0
0.007611	0	0	0	0	0	0
0.004722	0	0	0	0	0	0
0.324854	0	0	0	0	0	0
0.114915	0	0	0	0	0	0
0.006831	0	0	0	0	0	0
0.00302	0	0	0	0	0	0
0.003218	0	0	0	0	0	0
0.003535	0	0	0	0	0	0
0.054779	0	0	0	0	0	0
0.042292	0	0	0	0	0	0
0.049722	0	0	0	0	0	0
0.051672	0	0	0	0	0	0
0.051732	0	0	0	0	0	0
0.042179	0	0	0	0	0	0
0.043956	0	0	0	0	0	0
0.048385	0	0	0	0	0	0
0.098194	0	0	0	0	0	0
0.028106	0	0	0	0	0	0
0.019949	0	0	0	0	0	0
0.045223	0	0	0	0	0	0
0.060228	0	0	0	0	0	0
0.092281	0	0	0	0	0	0
0.064915	0	0	0	0	0	0
0.056579	0	0	0	0	0	0
0.041876	0	0	0	0	0	0
0.136156	0	0	0	0	0	0
0.069471	0	0	0	0	0	0
0.875206	0	0	0	0	0	0
0.031886	0	0	0	0	0	0
0.113428	0	0	0	0	0	0
0.179121	0	0	0	0	0	0
0.01782	0	0	0	0	0	0
0.044531	0	0	0	0	0	0

0.050916	0	0	0	0	0	0
0.043212	0	0	0	0	0	0
0.034051	0	0	0	0	0	0
0.009489	0	0	0	0	0	0
0.006716	0	0	0	0	0	0
0.007151	0	0	0	0	0	0
0.006939	0	0	0	0	0	0
0.009546	0	0	0	0	0	0
0.012578	0	0	0	0	0	0
0.004791	0	0	0	0	0	0
0.098913	0	0	0	0	0	0
0.012487	0	0	0	0	0	0
0.011862	0	0	0	0	0	0
0.006331	0	0	0	0	0	0
0.01251	0	0	0	0	0	0
0.013733	0	0	0	0	0	0
0.007263	0	0	0	0	0	0
0.070928	0	0	0	0	0	0
0.036299	0	0	0	0	0	0
0.039658	0	0	0	0	0	0
0.004823	0	0	0	0	0	0
0.002951	0	0	0	0	0	0
0.020391	0	0	0	0	0	0
0.596907	0	0	0	0	0	0
0.04727	0	0	0	0	0	0
0.106629	0	0	0	0	0	0
0.054825	0	0	0	0	0	0
0.186298	0	0	0	0	0	0
0.070679	0	0	0	0	0	0
0.078681	0	0	0	0	0	0
0.050935	0	0	0	0	0	0
0.004351	0	0	0	0	0	0
0.005942	0	0	0	0	0	0
0.003501	0	0	0	0	0	0
0.007326	0	0	0	0	0	0
0.007784	0	0	0	0	0	0
0.004988	0	0	0	0	0	0
0.001679	0	0	0	0	0	0
0.00669	0	0	0	0	0	0
0.016013	0	0	0	0	0	0
0.014801	0	0	0	0	0	0
0.015066	0	0	0	0	0	0
0.048573	0	0	0	0	0	0
0.028479	0	0	0	0	0	0
0.278724	0	0	0	0	0	0
0.054284	0	0	0	0	0	0
0.03098	0	0	0	0	0	0
0.023546	0	0	0	0	0	0
0.040995	0	0	0	0	0	0
0.037311	0	0	0	0	0	0

0.036846	0	0	0	0	0	0
0.044149	0	0	0	0	0	0
0.007099	0	0	0	0	0	0
0.00758	0	0	0	0	0	0
0.005172	0	0	0	0	0	0
0.014	0	0	0	0	0	0
0.015068	0	0	0	0	0	0
0.031171	0	0	0	0	0	0
0.008532	0	0	0	0	0	0
0.014739	0	0	0	0	0	0
0.009824	0	0	0	0	0	0
0.011759	0	0	0	0	0	0
0.01005	0	0	0	0	0	0
0.027296	0	0	0	0	0	0
0.057435	0	0	0	0	0	0
0.068	0	0	0	0	0	0
0.029198	0	0	0	0	0	0
0.038547	0	0	0	0	0	0
0.023815	0	0	0	0	0	0
0.036472	0	0	0	0	0	0
0.033722	0	0	0	0	0	0
0.032526	0	0	0	0	0	0
0.033544	0	0	0	0	0	0
0.020627	0	0	0	0	0	0
0.016488	0	0	0	0	0	0
0.016923	0	0	0	0	0	0
0.017266	0	0	0	0	0	0
0.005639	0	0	0	0	4	4
0.001859	0	0	0	0	0	0
0.006496	0	0	0	0	0	0
0.04662	0	0	0	0	0	0
0.024788	0	0	0	0	0	0
0.008997	0	0	0	0	0	0
0.021714	0	0	0	0	0	0
0.328119	0	0	0	0	0	0
0.087578	0	0	0	0	0	0
0.054437	0	0	0	0	0	0
0.010672	0	0	0	0	0	0
0.002541	0	0	0	0	0	0
0.032362	0	0	0	0	0	0
0.034772	0	0	0	0	0	0
0.53339	0.26	0	0	0	0	0
0.065371	0	0	0	0	0	0
0.027606	0	0	0	0	0	0
0.047389	0	0	0	0	0	0
0.037144	0	0	0	0	0	0
0.053988	0	0	0	0	0	0
0.02749	0	0	0	0	0	0
0.028499	0	0	0	0	6	6
0.04735	0	6	0	0	0	6

0.022582	0	0	0	0	0	0
0.026545	0	0	0	0	0	0
0.020104	0	0	0	0	0	0
0.024944	0	0	0	0	0	0
0.043327	0	0	0	0	0	0
0.01891	0	0	0	0	0	0
0.01499	0	0	0	0	0	0
0.029049	0	0	0	0	0	0
0.019518	0	0	0	0	0	0
0.018638	0	0	0	0	0	0
0.053354	0	0	0	0	0	0
0.044682	0	0	0	0	0	0
0.040226	0	0	0	0	0	0
0.038386	0	0	0	0	0	0
0.023542	0	0	0	0	0	0
0.059927	0	0	0	0	0	0
0.239443	0.08	0	0	0	0	0
0.386301	0.17	0	0	0	0	0
0.017381	0	0	0	0	0	0
0.022517	0	0	0	0	0	0
0.023375	0	0	0	0	0	0
0.052466	0	0	0	0	0	0
0.109888	0	0	0	0	0	0
0.059722	0	0	0	0	0	0
0.142746	0.01	0	0	0	0	0
0.116578	0	0	0	0	0	0
0.073619	0	0	0	0	0	0
0.028476	0	0	0	0	0	0
0.050174	0	0	0	0	0	0
0.040592	0	0	0	0	0	0
0.050941	0	0	0	0	0	0
0.030433	0	0	0	0	0	0
0.035864	0	0	0	0	0	0
0.057509	0	0	0	0	0	0
0.342019	0	0	0	0	0	0
0.061362	0	0	0	0	0	0
0.056254	0	0	0	0	0	0
0.054628	0	0	0	0	0	0
0.197005	0	0	0	0	0	0
0.049314	0	0	0	0	0	0
0.061197	0	0	0	0	0	0
0.553854	0.11	0	0	0	0	0
0.53122	0.1	0	0	0	0	0
0.001171	0	0	0	0	0	0
0.094632	0	0	0	0	0	0
0.012951	0	0	0	0	0	0
0.007156	0	0	0	0	0	0
0.001637	0	0	0	0	0	0
0.020643	0	0	0	0	0	0
0.03624	0	0	0	0	0	0

0.019232	0	0	0	0	0	0
0.015966	0	0	0	0	0	0
0.020632	0	0	0	0	0	0
0.020006	0	0	0	0	0	0
0.031102	0	0	0	0	0	0
0.026623	0	0	0	0	0	0
0.03411	0	0	0	0	0	0
0.051971	0	0	0	0	0	0
0.023069	0	0	0	0	0	0
0.022185	0	0	0	0	0	0
0.0272	0	0	0	0	0	0
0.034993	0	0	0	0	0	0
0.201934	0	0	0	0	0	0
0.027835	0	0	0	0	0	0
0.248579	0	0	0	0	0	0
0.133782	0	0	0	0	0	0
0.477384	0.02	0	0	0	0	0
0.030601	0	0	0	0	0	0
0.049395	0	0	0	0	0	0
0.002465	0	0	0	0	0	0
0.150246	0	0	0	0	0	0
0.042683	0.01	0	0	0	0	0
0.002913	0	0	0	0	0	0
0.004988	0	0	0	0	0	0
0.010714	0	0	0	0	0	0
0.003404	0	0	0	0	0	0
0.002507	0	0	0	0	0	0
0.01248	0	0	0	0	0	0
0.048806	0	0	0	0	0	0
0.021188	0	0	0	0	0	0
0.022191	0	0	0	0	0	0
0.032974	0	0	0	0	0	0
0.039668	0	0	0	0	0	0
0.476165	0	0	0	0	0	0
0.609977	0	0	0	0	0	0
0.009033	0	0	0	0	0	0
0.044604	0	0	0	0	0	0
0.018741	0.01	0	0	0	0	0
0.017787	0.01	0	0	0	0	0
0.006155	0	0	0	0	0	0
0.004788	0.01	0	0	0	0	0
0.009519	0.01	0	0	0	0	0
0.014955	0	0	0	0	0	0
0.949667	0	0	0	0	0	0
0.368204	0	0	0	0	0	0
0.794388	0	0	0	0	0	0
0.385975	0	0	0	0	0	0
0.03822	0	0	0	0	0	0
0.024924	0	0	0	0	0	0
0.004933	0	0	0	0	0	0

0.006863	0	0	0	0	0	0
0.000725	0	0	0	0	0	0
0.00534	0	0	0	0	0	0
0.140543	0	0	0	10	0	10
0.027162	0	0	0	0	0	0
0.097909	0	0	17	17	0	34
0.018315	0	0	0	0	0	0
0.075528	0	0	0	0	0	0
0.080119	0	0	0	0	0	0
0.096391	0	0	0	0	0	0
0.008224	0	0	0	0	0	0
0.007144	0	0	0	0	0	0
0.0136	0	0	0	0	0	0
0.031274	0	0	0	0	0	0
0.003782	0	0	0	0	0	0
0.00121	0	0	0	0	0	0
0.021707	0	0	0	0	0	0
0.003795	0	0	0	0	0	0
0.009192	0	0	0	0	0	0
0.011266	0	0	0	0	0	0
0.009061	0	0	0	0	0	0
0.042706	0	0	0	0	0	0
0.003456	0	0	0	0	0	0
0.028398	0	0	0	0	0	0
0.006172	0	0	0	0	0	0
0.026741	0	0	0	0	0	0
0.010381	0	0	0	0	0	0
0.048799	0	0	0	0	0	0
0.015737	0	0	0	0	0	0
0.019716	0	0	0	0	0	0
0.055067	0	0	0	0	0	0
0.042254	0	0	0	0	0	0
0.035585	0	0	0	0	0	0
0.314691	0.05	0	0	0	0	0
0.036543	0	0	0	0	0	0
0.025918	0	0	0	0	0	0
0.065554	0	0	0	0	0	0
0.052588	0	0	0	0	0	0
0.072444	0	0	0	0	0	0
0.025862	0	0	0	0	0	0
0.098312	0	0	0	0	0	0
0.047239	0	0	0	0	0	0
0.020754	0	0	0	0	0	0
0.296898	0.06	0	0	0	0	0
0.330332	0.15	0	0	0	0	0
0.000929	0	0	0	0	0	0
0.011697	0	0	0	0	0	0
0.013299	0	0	0	0	0	0
0.04114	0	0	0	0	0	0
0.021165	0	0	0	0	0	0

0.010482	0	0	0	0	0	0
0.009419	0	0	0	0	0	0
0.043331	0	0	0	0	0	0
0.083222	0	0	0	0	0	0
0.056738	0	0	0	0	0	0
0.149033	0	0	0	0	0	0
0.026267	0	0	0	0	0	0
0.011343	0	0	0	0	0	0
0.089498	0	0	0	0	0	0
0.04569	0	0	0	0	0	0
0.061405	0	0	0	0	0	0
0.258338	0	0	0	0	0	0
0.123749	0	0	0	0	0	0
0.060837	0	0	0	0	0	0
0.019996	0	0	0	0	0	0
0.019323	0	0	0	0	0	0
0.24409	0	0	0	0	0	0
0.040386	0	0	0	0	0	0
0.062726	0	0	0	0	0	0
0.121504	0	0	0	0	0	0
0.046961	0	0	0	0	0	0
0.397161	0.09	0	0	0	0	0
0.255398	0	0	0	0	0	0
0.026607	0	0	0	0	0	0
0.030746	0	0	0	0	0	0
0.020178	0	0	0	0	0	0
0.02041	0	0	0	0	0	0
0.008717	0	0	0	0	0	0
0.050344	0	0	0	0	0	0
0.005304	0	0	0	0	0	0
0.005061	0	0	0	0	0	0
0.014615	0	0	0	0	0	0
0.003839	0	0	0	0	0	0
0.003314	0	0	0	0	0	0
0.056095	0	0	0	0	0	0
0.341744	0.01	0	0	0	0	0
0.22688	0.01	0	0	0	0	0
0.112902	0	0	0	0	0	0
0.021958	0.05	0	0	0	0	0
0.065279	0	0	0	0	0	0
0.020469	0	0	0	0	0	0
0.017561	0	0	0	0	0	0
0.036118	0	0	0	0	0	0
0.526763	0.06	0	0	0	0	0
0.331857	0	0	0	0	0	0
0.193073	0	0	0	0	0	0
0.010144	0	0	0	0	0	0
0.001764	0	0	0	0	0	0
0.006935	0	0	0	0	0	0
0.002822	0	0	0	0	0	0

0.002846	0	0	0	0	0	0
0.226103	0	0	0	0	0	0
0.026838	0	0	0	0	0	0
0.019192	0	0	0	0	0	0
0.060964	0	0	0	0	0	0
0.056941	0	0	0	0	0	0
0.042736	0	0	0	0	5	5
0.047952	0	5	0	0	0	5
0.018545	0	0	0	0	0	0
0.045158	0	0	0	0	0	0
0.031227	0	0	0	0	0	0
0.018592	0	0	0	0	0	0
0.056058	0	0	0	0	0	0
0.015525	0	0	0	0	0	0
0.016539	0	0	0	0	0	0
0.072328	0	0	0	0	0	0
0.016731	0	0	0	0	0	0
0.029896	0	0	0	0	0	0
0.027903	0	0	0	0	0	0
0.051407	0	0	0	0	0	0
0.010721	0	0	0	0	0	0
0.02816	0	0	0	0	0	0
0.020082	0	0	0	0	0	0
0.055152	0	0	0	0	0	0
0.059969	0	0	0	0	0	0
0.012366	0	0	0	0	0	0
0.014182	0	0	0	0	0	0
0.328076	0	0	0	0	0	0
0.071298	0	0	0	0	0	0
0.010397	0	0	0	0	0	0
0.011245	0	0	0	0	0	0
0.005424	0	0	0	0	0	0
0.004868	0	0	0	0	0	0
0.031469	0	0	0	0	0	0
0.390442	0	0	0	0	0	0
0.429564	0	0	0	0	0	0
0.623736	0	0	0	0	0	0
0.034717	0	0	0	0	0	0
0.14542	0	0	0	0	0	0
0.031129	0	0	0	0	0	0
0.003295	0	0	0	0	0	0
0.010683	0	0	0	0	0	0
0.022058	0	0	2	0	0	2
0.018023	0	0	0	0	0	0
0.092891	0	0	0	0	0	0
0.117218	0	0	0	0	2	2
0.028867	0	2	0	0	0	2
0.049357	0	0	0	0	0	0
0.045247	0	0	0	0	0	0
0.050333	0	0	0	0	0	0



0.044284	0	0	0	0	0	0
0.03335	0	0	0	0	0	0
0.033871	0	0	0	0	0	0
0.041799	0	0	0	0	0	0
0.037633	0	0	0	0	0	0
0.033334	0	0	0	0	0	0
0.050143	0	0	0	0	0	0
0.028922	0	0	0	0	0	0
0.028908	0	0	0	0	0	0
0.044685	0	0	0	0	0	0
0.022074	0	0	0	0	0	0
0.043404	0	0	0	0	0	0
0.046366	0	0	0	0	0	0
0.037563	0	0	0	0	0	0
0.041395	0	0	0	0	0	0
0.055193	0	0	0	0	0	0
0.046651	0	0	0	0	0	0
0.056153	0	0	0	0	0	0
0.130501	0	0	0	0	0	0
0.01314	0	0	0	0	0	0
0.010742	0	0	0	0	0	0
0.042724	0	0	0	0	0	0
0.017264	0	0	0	0	0	0
0.023725	0	0	0	0	0	0
0.018698	0	0	0	0	0	0
0.001294	0	0	0	0	0	0
0.003599	0	0	0	0	0	0
0.096053	0	0	0	0	0	0
0.048217	0	0	0	0	0	0
0.056994	0	0	0	0	0	0
0.052241	0	0	0	0	0	0
0.0575	0	0	0	0	0	0
0.005664	0	0	0	0	0	0
0.00462	0	0	0	0	0	0
0.005295	0	0	0	0	0	0
0.106919	0	0	0	0	0	0
0.024778	0	0	0	0	0	0
0.035535	0	0	0	0	0	0
0.010714	0	0	0	0	0	0
0.014479	0	0	0	0	0	0
0.006919	0	0	0	0	1	1
0.006803	0	1	0	0	0	1
0.039641	0	0	0	0	0	0
0.012969	0	0	0	0	0	0
0.0567	0	0	0	0	0	0
0.008952	0	0	0	0	0	0
0.008362	0	0	0	0	0	0
0.010108	0	0	0	0	0	0
0.008434	0	0	0	0	0	0
0.009084	0	0	0	0	0	0

0.029395	0	0	0	1	0	1
0.012155	0	0	0	0	0	0
0.008509	0	0	0	0	0	0
0.010375	0	0	0	0	0	0
0.031457	0	0	0	0	0	0
0.012398	0	0	0	0	0	0
0.021763	0	0	0	0	0	0
0.010082	0	0	0	0	0	0
0.024215	0	0	0	0	0	0
0.062038	0	0	0	0	0	0
0.022174	0	0	0	0	0	0
0.019914	0	0	0	0	0	0
0.032313	0	0	0	0	0	0
0.089487	0	0	0	0	0	0
0.018003	0	0	0	0	0	0
0.013675	0	0	0	0	0	0
0.013968	0	0	0	0	0	0
0.034181	0	0	0	0	0	0
0.017778	0	0	0	0	0	0
0.032716	0	0	0	0	0	0
0.007919	0	0	0	0	0	0
0.012895	0	0	0	0	0	0
0.13215	0	0	0	0	0	0
0.006682	0	0	0	0	0	0
0.041469	0	0	0	0	0	0
0.031663	0	0	0	0	0	0
0.603656	0.1	0	0	0	0	0
0.013652	0	0	0	0	0	0
0.026884	0	0	0	0	0	0
0.021519	0	0	0	0	0	0
0.008356	0	0	0	0	0	0
0.012115	0	0	0	0	0	0
0.005313	0	0	0	0	0	0
0.148796	0	0	0	0	0	0
0.033673	0	0	0	0	0	0
0.075271	0	0	0	0	0	0
0.04892	0	0	0	0	0	0
0.038704	0	0	0	0	0	0
0.043263	0	0	0	0	0	0
0.04687	0	0	0	0	0	0
0.006886	0	0	0	0	0	0
0.001129	0	0	0	0	3	3
0.001373	0	3	0	0	0	3
0.002453	0	0	0	0	0	0
0.003327	0	0	0	0	0	0
0.012761	0	0	0	0	0	0
0.035537	0	0	0	0	0	0
0.014825	0	0	0	0	0	0
0.00785	0	0	0	0	0	0
0.024893	0	0	0	0	0	0

0.013849	0	0	0	0	0	0
0.012271	0	0	0	0	0	0
0.262298	0	0	0	0	0	0
0.067983	0	0	0	0	0	0
0.074974	0.07	0	0	0	0	0
0.001589	0	0	0	0	0	0
0.001452	0	0	0	0	0	0
0.001224	0.02	0	0	0	0	0
0.001718	0.01	0	0	0	0	0
0.006385	0	0	0	0	0	0
0.01259	0	0	0	0	0	0
0.011449	0	0	0	0	0	0
0.007062	0	0	0	0	0	0
0.004214	0	0	0	0	0	0
0.028367	0	0	0	0	0	0
0.05963	0	0	0	0	0	0
0.143575	0	0	0	0	0	0
0.13739	0	0	0	0	0	0
0.038096	0	0	0	0	0	0
0.202502	0	0	0	0	0	0
0.070065	0.03	0	0	0	0	0
0.025144	0	0	0	0	0	0
0.026428	0	0	0	0	0	0
0.049082	0	0	0	0	0	0
0.065539	0	0	0	0	0	0
0.048675	0	0	0	0	0	0
0.063176	0	0	1	0	0	1
0.062057	0	0	0	0	0	0
0.054712	0	0	0	0	0	0
0.037639	0	0	0	0	0	0
0.018153	0	0	0	0	0	0
0.016413	0	0	0	0	0	0
0.076357	0	0	0	0	0	0
0.044445	0	0	0	0	0	0
0.006265	0	0	0	0	0	0
0.007209	0	0	0	0	0	0
0.082727	0	0	0	0	0	0
0.032595	0	0	0	0	0	0
0.014536	0	0	0	0	0	0
0.018803	0	0	0	0	0	0
0.009324	0	0	0	0	0	0
0.012472	0	0	0	0	0	0
0.008971	0	0	0	0	0	0
0.019353	0	0	0	0	0	0
0.063384	0	0	0	0	0	0
0.060839	0	0	0	0	0	0
0.09961	0	0	0	0	0	0
0.053274	0	0	0	0	0	0
0.27957	0	0	0	0	0	0
0.042087	0	0	0	0	0	0

0.045561	0	0	0	0	0	0
0.032766	0	0	0	0	0	0
0.052911	0	0	0	0	0	0
0.041794	0	0	0	0	0	0
0.048395	0	0	0	0	0	0
0.06134	0	0	0	0	0	0
0.029144	0	0	0	0	0	0
0.019372	0	0	0	0	0	0
0.01386	0	0	0	0	0	0
0.027279	0	0	0	0	0	0
0.032981	0	0	0	0	0	0
0.027378	0	0	0	0	0	0
0.021355	0	0	0	0	0	0
0.019644	0	0	0	0	0	0
0.059064	0	0	0	0	0	0
0.043992	0	0	0	0	0	0
0.045658	0	0	0	0	0	0
0.043405	0	0	0	0	0	0
0.042859	0	0	0	0	0	0
0.040837	0	0	0	0	0	0
0.026226	0	0	0	0	0	0
0.036404	0	0	0	0	0	0
0.010094	0	0	0	0	0	0
0.388524	0.27	0	0	55	32	87
0.036049	0	32	11	5	13	61
0.003365	0	0	0	0	0	0
0.005556	0	0	0	0	0	0
0.004058	0	0	0	0	0	0
0.001015	0	0	0	0	0	0
0.002434	0	0	0	0	0	0
0.005998	0	0	0	0	0	0
0.005667	0	0	0	0	0	0
0.085508	0.04	0	0	0	0	0
0.026973	0	0	0	0	0	0
0.008092	0	0	0	0	0	0
0.009353	0	0	0	0	0	0
0.012677	0	0	0	0	0	0
0.018736	0	0	0	0	0	0
0.013403	0	0	0	0	0	0
0.002511	0	0	0	0	0	0
0.005352	0	0	0	0	0	0
0.007062	0	0	0	0	0	0
0.003995	0	0	0	0	0	0
0.006675	0	0	0	0	0	0
0.007111	0	0	0	0	0	0
0.007392	0	0	0	0	0	0
0.006052	0	0	0	0	0	0
0.007211	0	0	0	0	0	0
0.007844	0	0	0	0	0	0
0.013011	0	0	0	0	0	0

0.102498	0	0	0	0	0	0
0.0319	0	0	0	0	0	0
0.030622	0	0	0	0	0	0
0.003041	0	0	0	0	0	0
0.003494	0	0	0	0	0	0
0.008027	0	0	0	0	0	0
0.002891	0	0	0	0	0	0
0.005968	0	0	0	0	0	0
0.012113	0	0	0	0	0	0
0.005062	0	0	0	0	0	0
0.216957	0	0	0	0	0	0
0.076923	0	0	0	0	0	0
0.112753	0	0	0	0	0	0
0.214949	0	0	0	0	0	0
0.084595	0	0	0	0	0	0
0.090938	0	0	0	0	0	0
0.01298	0	0	0	0	2	2
0.02234	0	0	0	0	0	0
0.019119	0	2	0	0	0	2
0.014933	0	0	0	0	0	0
0.012708	0	0	0	0	0	0
0.023824	0	0	0	0	0	0
0.007097	0	0	0	0	0	0
0.010365	0	0	0	0	0	0
0.004564	0	0	0	0	0	0
0.003197	0	0	0	0	0	0
0.002549	0	0	0	0	0	0
0.000951	0	0	0	0	0	0
0.000995	0	0	0	0	0	0
0.003724	0	0	0	0	0	0
0.004805	0	0	0	0	0	0
0.003942	0	0	0	0	0	0
0.002942	0	0	0	0	0	0
0.016416	0	0	0	0	0	0
0.235867	0	0	0	0	0	0
0.069165	0	0	0	0	0	0
0.097784	0	0	0	0	0	0
0.060423	0	0	0	0	0	0
0.079417	0	0	0	0	0	0
0.052261	0	0	0	0	0	0
0.184544	0	0	0	0	0	0
0.045105	0	0	0	0	0	0
0.119045	0	0	0	0	0	0
0.130421	0	0	0	0	0	0
0.053706	0	0	0	0	0	0
0.024602	0	0	0	0	0	0
0.02403	0	0	0	0	0	0
0.021077	0	0	0	0	0	0
0.023104	0	0	0	0	0	0
0.0129	0	0	0	0	0	0

0.022658	0	0	0	0	0	0
0.017635	0	0	0	0	0	0
0.015501	0	0	0	0	0	0
0.030064	0	0	0	0	0	0
0.019086	0	0	0	0	0	0
0.053895	0	0	0	0	0	0
0.033598	0	0	0	0	0	0
0.011657	0	0	0	0	0	0
0.009002	0	0	0	0	0	0
0.052902	0	0	0	0	0	0
0.066434	0	0	0	0	0	0
0.051056	0	0	0	0	0	0
0.036918	0	0	0	0	0	0
0.032708	0	0	0	0	0	0
0.04014	0	0	0	0	0	0
0.149519	0	0	0	0	0	0
0.015614	0	0	0	0	0	0
0.009146	0	0	0	0	0	0
0.005538	0	0	0	0	0	0
0.004802	0	0	0	0	0	0
0.003801	0	0	0	0	0	0
0.005053	0	0	0	0	4	4
0.007381	0	4	0	0	0	4
0.004955	0	0	0	0	0	0
0.013765	0	0	0	0	0	0
0.049268	0	0	0	0	0	0
0.048577	0	0	0	0	1	1
0.008634	0	0	0	0	0	0
0.086651	0	1	0	0	0	1
0.032002	0	0	0	0	0	0
0.026092	0	0	0	0	0	0
0.01231	0	0	0	0	0	0
0.018281	0	0	0	0	0	0
0.024003	0	0	0	0	0	0
0.008462	0	0	0	0	0	0
0.011358	0	0	0	0	0	0
0.010364	0	0	0	0	0	0
0.00624	0	0	0	0	0	0
0.006637	0	0	0	0	0	0
0.027177	0	0	0	0	0	0
0.030596	0	0	0	0	0	0
0.011481	0	0	0	0	0	0
0.008271	0	0	0	0	0	0
0.006851	0	0	0	0	0	0
0.00643	0	0	0	0	0	0
0.006938	0	0	0	0	0	0
0.002214	0	0	0	0	0	0
0.000957	0	0	0	0	0	0
0.000977	0	0	0	0	0	0
0.001224	0	0	0	0	0	0

0.002024	0	0	0	0	0	0
0.00311	0	0	0	0	0	0
0.097927	0	0	0	0	0	0
0.065907	0	0	0	0	0	0
0.090383	0	0	0	0	0	0
0.057808	0	0	0	0	0	0
0.023032	0	0	0	0	0	0
0.020668	0	0	0	0	0	0
0.280656	0	0	0	0	0	0
0.087851	0	0	0	0	0	0
0.070867	0	0	0	0	0	0
0.023666	0	0	0	0	0	0
0.018834	0	0	0	0	0	0
0.001824	0	0	0	0	0	0
0.047656	0	0	0	0	0	0
0.056452	0	0	0	0	0	0
0.056318	0	0	0	0	0	0
0.025725	0	0	0	0	0	0
0.050991	0	0	0	0	0	0
0.107682	0	0	0	0	0	0
0.043966	0	0	0	0	0	0
0.205755	0	0	0	0	0	0
0.080346	0	0	0	0	0	0
0.041028	0	0	0	0	0	0
0.037887	0	0	0	0	0	0
0.074592	0	0	0	0	0	0
0.044226	0	0	0	0	0	0
0.065457	0	0	0	0	0	0
0.056317	0	0	0	0	0	0
0.075087	0	0	0	0	0	0
0.146441	0	0	0	0	0	0
0.066482	0	0	0	0	0	0
0.125244	0	0	0	0	0	0
0.038999	0	0	0	0	0	0
0.024282	0	0	0	0	0	0
0.256815	0	0	0	0	0	0
0.090715	0	0	0	0	0	0
0.957863	0	0	0	0	0	0
0.123187	0	0	0	0	0	0
0.004238	0	0	0	0	0	0
0.017698	0	0	0	0	1	1
0.006944	0	1	0	0	0	1
0.020573	0	0	0	0	0	0
0.034607	0	0	0	0	0	0
0.048118	0	0	0	0	0	0
0.837464	0	0	0	0	0	0
0.303605	0	0	0	0	0	0
0.033152	0	0	0	0	0	0
0.018468	0	0	0	0	0	0
0.042548	0	0	0	0	0	0

0.043133	0	0	0	0	0	0
0.0279	0	0	0	0	0	0
0.031229	0	0	0	0	0	0
0.008906	0	0	0	0	0	0
0.046529	0	0	0	0	0	0
0.012548	0	0	0	0	0	0
0.050744	0	0	0	0	0	0
0.038726	0	0	0	0	0	0
0.018293	0	0	0	0	0	0
0.021472	0	0	0	0	0	0
0.058439	0	0	3	3	0	6
0.0225	0	0	0	0	0	0
0.032728	0	0	0	0	0	0
0.03323	0	0	0	0	0	0
0.020662	0	0	0	0	0	0
0.032396	0	0	0	0	0	0
0.43902	0	0	0	0	0	0
0.01933	0	0	0	0	0	0
0.013894	0	0	0	0	0	0
0.026577	0	0	0	0	0	0
0.107658	0	0	0	0	0	0
0.021587	0	0	0	0	0	0
0.061028	0	0	0	0	0	0
0.011248	0	0	0	0	0	0
0.024829	0	0	0	0	0	0
0.02616	0	0	0	0	0	0
0.017934	0	0	0	0	0	0
0.036888	0	0	0	0	0	0
0.021149	0	0	0	0	0	0
0.069897	0	0	0	0	0	0
0.035685	0	0	0	0	0	0
0.044021	0	0	0	0	0	0
0.01497	0	0	0	0	0	0
0.020394	0	0	0	0	0	0
0.01484	0	0	0	0	0	0
0.012707	0	0	0	0	0	0
0.015396	0	0	0	0	0	0
0.025946	0	0	0	0	0	0
0.0354	0	0	0	0	0	0
0.048155	0	0	0	0	0	0
0.028595	0	0	0	0	0	0
0.025005	0	0	0	0	0	0
0.015981	0	0	0	0	0	0
0.023002	0	0	0	0	0	0
0.026958	0	0	0	0	0	0
0.026607	0	0	0	0	0	0
0.038112	0	0	0	0	0	0
0.017683	0	0	0	0	0	0
0.026319	0	0	0	0	0	0
0.012448	0	0	0	0	0	0



0.040743	0	0	0	0	0	0
0.058774	0	0	0	0	0	0
0.016438	0	0	0	0	0	0
0.013752	0	0	0	0	0	0
0.007329	0	0	0	0	0	0
0.003023	0	0	0	0	0	0
0.002806	0	0	0	0	0	0
0.003608	0	0	0	0	0	0
0.03864	0	0	0	0	0	0
0.01624	0	0	0	0	0	0
0.00734	0	0	0	0	0	0
0.009615	0	0	0	0	0	0
0.048986	0	0	0	0	0	0
0.011641	0	0	0	0	0	0
0.006702	0	0	0	0	0	0
0.004028	0	0	0	0	0	0
0.013058	0	0	0	0	0	0
0.013986	0	0	0	0	0	0
0.00797	0	0	0	0	0	0
0.008496	0	0	0	0	0	0
0.008077	0	0	0	0	0	0
0.005868	0	0	0	0	0	0
0.033231	0	0	0	0	0	0
0.007027	0	0	0	0	0	0
0.056296	0	0	0	0	0	0
0.00192	0	0	0	0	0	0
0.00112	0	0	0	0	0	0
0.001187	0	0	0	0	0	0
0.002309	0	0	0	0	0	0
0.003611	0	0	0	0	0	0
0.008236	0	0	0	0	0	0
0.002445	0	0	0	0	0	0
0.001579	0	0	0	0	0	0
0.004137	0	0	0	0	0	0
0.009749	0	0	0	0	0	0
0.02822	0	0	0	0	0	0
0.017168	0	0	0	0	0	0
0.010107	0	0	0	0	0	0
0.011422	0	0	0	0	0	0
0.024894	0	0	0	0	0	0
0.011007	0	0	0	0	0	0
0.011242	0	0	0	0	0	0
0.060924	0	0	0	0	0	0
0.294245	0	0	0	0	0	0
0.070846	0	0	0	0	0	0
0.052538	0	0	0	0	0	0
0.149706	0.01	0	0	0	0	0
0.088782	0	0	0	0	0	0
0.126415	0	0	0	0	0	0
0.100519	0	0	0	0	0	0

0.195925	0	0	0	0	0	0
0.079027	0.19	0	0	0	0	0
0.01943	0.02	0	0	0	0	0
0.019919	0	0	0	0	0	0
0.032551	0	0	0	0	0	0
0.023525	0	0	0	0	0	0
0.009474	0	0	0	0	1	1
0.0113	0	0	0	0	0	0
0.001875	0	0	0	0	0	0
0.015521	0	0	0	0	0	0
0.016328	0	0	0	0	0	0
0.063523	0	0	0	0	0	0
0.017215	0	0	0	0	0	0
0.010742	0	0	0	0	0	0
0.010868	0	0	0	0	0	0
0.0104	0	0	0	0	0	0
0.033606	0	0	0	0	0	0
0.009216	0	0	0	0	0	0
0.011193	0	0	0	0	0	0
0.017515	0	0	0	0	0	0
0.014514	0	0	0	0	0	0
0.013056	0	0	0	0	0	0
0.019226	0	0	0	0	0	0
0.018132	0	0	0	0	0	0
0.015847	0	0	0	0	0	0
0.013163	0	0	0	0	0	0
0.020749	0	0	0	0	0	0
0.013643	0	0	0	0	0	0
0.063576	0	0	0	0	0	0
0.074894	0	0	0	0	0	0
0.031611	0	0	0	0	0	0
0.004979	0	0	0	0	0	0
0.083335	0	0	0	0	0	0
0.013739	0	0	0	0	0	0
0.065198	0	0	0	0	0	0
0.064649	0	0	0	0	0	0
0.050913	0	0	0	0	0	0
0.042683	0	0	0	0	0	0
0.093586	0	0	0	0	0	0
0.091829	0	0	0	0	0	0
0.070843	0	0	0	0	0	0
0.034606	0	0	0	0	0	0
0.058745	0	0	0	0	0	0
0.066375	0	0	0	0	0	0
0.058268	0	0	0	0	0	0
0.046452	0	0	0	0	0	0
0.041149	0	0	0	0	0	0
0.076369	0	0	0	0	0	0
0.012428	0	0	0	0	0	0
0.143455	0	0	0	0	0	0

0.11642	0	0	0	0	0	0
0.027474	0	0	0	0	0	0
0.029701	0	0	0	0	0	0
0.004425	0	0	0	0	0	0
0.008555	0	0	0	0	0	0
0.053365	0	0	0	0	0	0
0.013228	0	0	0	0	0	0
0.003729	0	0	0	0	0	0
0.014306	0	0	0	0	0	0
0.040647	0	0	0	0	0	0
0.011436	0	0	0	0	0	0
0.013834	0	0	0	0	0	0
0.023906	0	0	0	0	0	0
0.047764	0	0	0	0	0	0
0.059661	0	0	0	0	0	0
0.03249	0	0	0	0	0	0
0.036306	0	0	0	0	0	0
0.02375	0	0	0	0	0	0
0.01074	0	0	0	0	0	0
0.014929	0	0	0	0	0	0
0.03118	0	0	0	0	0	0
0.020426	0	0	0	0	0	0
0.028643	0	0	0	0	0	0
0.015935	0	0	0	0	0	0
0.05502	0	0	0	0	0	0
0.035212	0	0	0	0	0	0
0.031644	0	0	0	0	0	0
0.026122	0	0	0	0	0	0
0.037918	0	0	0	0	0	0
0.022235	0	0	0	0	0	0
0.014743	0	0	0	0	0	0
0.033863	0	0	0	0	0	0
0.013401	0	0	0	0	0	0
0.010493	0	0	0	0	0	0
0.008924	0	0	0	0	0	0
0.030899	0	0	0	0	0	0
0.05049	0	0	0	0	0	0
0.01616	0	0	0	0	0	0
0.022645	0	0	0	0	0	0
0.045362	0	0	0	0	0	0
0.100188	0.01	0	0	0	0	0
0.034252	0	0	0	0	0	0
0.059685	0	0	0	0	0	0
0.078075	0	0	0	0	0	0
0.057596	0	0	0	0	0	0
0.031819	0	0	0	0	0	0
0.047871	0	0	0	0	0	0
0.070169	0	0	0	0	0	0
0.943556	0.03	0	0	0	0	0
0.172865	0	0	0	0	0	0

0.132539	0.04	0	0	0	0	0
0.046702	0	0	0	0	0	0
0.06588	0	0	0	0	0	0
0.331694	0.49	2	0	0	0	2
0.007455	0.01	0	0	0	1	1
0.248114	0	0	0	0	0	0
0.854219	0	0	0	0	0	0
0.009099	0	3	0	0	0	3
0.008634	0	0	0	0	0	0
0.005288	0	0	0	0	0	0
0.002352	0	0	0	0	0	0
0.028188	0	0	0	0	0	0
0.010573	0	0	0	0	0	0
0.013619	0	0	0	0	0	0
0.032688	0	0	0	0	0	0
0.017185	0	0	0	0	0	0
0.055351	0	0	0	0	0	0
0.044742	0	0	0	0	0	0
0.03249	0	0	0	0	0	0
0.117036	0	0	0	0	0	0
0.061016	0	0	0	0	1	1
0.02449	0	1	0	0	0	1
0.115101	0	0	0	0	0	0
0.052867	0	0	0	0	0	0
0.043881	0	0	0	0	0	0
0.058538	0	0	0	0	0	0
0.076675	0	0	0	0	0	0
0.03771	0	0	0	0	0	0
0.07488	0	0	0	0	0	0
0.028042	0	0	0	0	0	0
0.337077	0	0	0	0	0	0
0.071987	0	0	0	0	0	0
0.144808	0	0	0	0	0	0
0.065692	0	0	0	0	0	0
0.047305	0	0	0	0	0	0
0.057204	0	0	0	0	0	0
0.037401	0	0	0	0	0	0
0.033849	0	0	0	0	0	0
0.040818	0	0	0	0	0	0
0.053097	0	0	0	0	0	0
0.029438	0	0	0	0	0	0
0.028682	0	0	0	0	0	0
0.035841	0	0	0	0	0	0
0.018057	0	0	0	0	0	0
0.023278	0	0	0	0	0	0
0.024299	0	0	0	0	0	0
0.033845	0	0	0	0	0	0
0.017457	0	0	0	0	0	0
0.016508	0	0	0	0	0	0
0.020698	0	0	0	0	0	0

0.020817	0	0	0	0	0	0
0.016207	0	0	0	0	0	0
0.054049	0	0	0	0	0	0
0.054846	0	0	0	0	0	0
0.078331	0	0	0	0	0	0
0.052218	0	0	0	0	0	0
0.050974	0	0	0	0	0	0
0.057003	0	0	0	0	0	0
0.045831	0	0	0	0	0	0
0.047743	0	0	0	0	0	0
0.005904	0	0	0	0	0	0
0.005009	0	0	0	0	0	0
0.00667	0	0	0	0	0	0
0.00312	0	0	0	0	0	0
0.003478	0	0	0	0	0	0
0.015906	0	0	0	0	0	0
0.034772	0	0	0	0	0	0
0.052084	0	0	0	0	0	0
0.038887	0	0	0	0	0	0
0.006467	0	0	0	0	0	0
0.011755	0	0	0	0	0	0
0.003361	0	0	0	0	0	0
0.00798	0	0	0	0	0	0
0.003644	0	0	0	0	0	0
0.003538	0	0	0	0	0	0
0.004244	0	0	0	0	0	0
0.040748	0	0	0	0	0	0
0.176348	0	0	0	0	0	0
0.130569	0	0	0	0	0	0
0.360499	0	0	0	0	0	0
0.009024	0	0	0	0	0	0
0.04709	0	0	0	0	0	0
0.047318	0	0	0	0	0	0
0.286773	0	0	0	0	0	0
0.148845	0	0	0	0	0	0
0.028121	0	0	0	0	0	0
0.040361	0	0	0	0	0	0
0.038513	0	0	0	0	0	0
0.045667	0	0	0	0	0	0
0.041239	0	0	0	0	0	0
0.047273	0	0	0	0	0	0
0.096239	0	0	0	0	0	0
0.062871	0	0	0	0	0	0
0.024928	0	0	0	0	0	0
0.030364	0	0	0	0	0	0
0.029517	0	0	0	0	0	0
0.032181	0	0	0	0	0	0
0.011681	0	0	0	0	0	0
0.010333	0	0	0	0	0	0
0.014532	0	0	0	0	0	0

0.013168	0	0	0	0	0	0
0.015482	0	0	0	0	0	0
0.009963	0	0	0	0	0	0
0.032697	0	0	0	0	0	0
0.023635	0	0	0	0	0	0
0.014678	0	0	0	0	0	0
0.013592	0	0	0	0	0	0
0.01276	0	0	0	0	0	0
0.02968	0	0	0	0	0	0
0.009846	0	0	0	0	0	0
0.010209	0	0	0	0	0	0
0.057917	0	0	0	0	0	0
0.03588	0	0	0	0	0	0
0.046763	0	0	0	0	0	0
0.030561	0	0	0	0	0	0
0.026097	0	0	0	0	0	0
0.018766	0	0	0	0	0	0
0.03315	0	0	0	0	0	0
0.013832	0	0	0	0	0	0
0.026973	0	0	0	0	0	0
0.033605	0	0	0	0	0	0
0.038172	0	0	0	0	0	0
0.037417	0	0	0	0	0	0
0.032217	0	0	0	0	0	0
0.084697	0	0	0	0	0	0
0.039709	0	0	0	0	0	0
0.052777	0	0	0	0	0	0
0.02878	0	0	0	0	0	0
0.014544	0	0	0	0	0	0
0.011425	0	0	0	0	0	0
0.013609	0	0	0	0	0	0
0.030902	0	0	0	0	0	0
0.00927	0	0	0	0	0	0
0.008483	0	0	0	0	0	0
0.009019	0	0	0	0	0	0
0.01149	0	0	0	0	0	0
0.017365	0	0	0	0	0	0
0.021527	0	0	0	0	0	0
0.007165	0	0	0	0	0	0
0.010779	0	0	0	0	0	0
0.005134	0	0	0	0	0	0
0.007111	0	0	0	0	0	0
0.00622	0	0	0	0	0	0
0.006089	0	0	0	0	0	0
0.003315	0	0	0	0	0	0
0.004459	0	0	0	0	0	0
0.005268	0	0	0	0	0	0
0.015036	0	0	0	0	0	0
0.020302	0	0	0	0	0	0
0.01094	0	0	0	0	0	0

0.009772	0	0	0	0	0	0
0.014624	0	0	0	0	0	0
0.083818	0	0	0	0	0	0
0.016637	0	0	0	0	0	0
0.006626	0	0	0	0	0	0
0.000808	0	0	0	0	0	0
0.000913	0	0	4	0	0	4
0.001913	0	0	0	4	0	4
0.000519	0	0	0	0	0	0
0.023571	0	0	0	0	0	0
0.034439	0	0	0	0	0	0
0.052119	0	0	0	0	0	0
0.04079	0	0	0	0	0	0
0.000167	0	0	0	0	0	0
0.00051	0	0	0	0	0	0
0.00078	0	0	0	0	0	0
0.002533	0	0	7	7	0	14
0.000277	0	0	26	23	0	49
0.001945	0	0	0	0	0	0
0.000019	0	0	0	0	0	0
0.004338	0	0	0	0	0	0
0.020049	0	0	0	0	0	0
0.015081	0	0	0	0	0	0
0.015226	0	0	0	0	0	0
0.012366	0	0	0	0	0	0
0.011872	0	0	0	0	0	0
0.024388	0	0	0	0	0	0
0.016467	0	0	0	0	0	0
0.018233	0	0	0	0	0	0
0.013406	0	0	0	0	0	0
0.019656	0	0	0	0	0	0
0.004645	0	0	0	0	0	0
0.00523	0	0	0	0	0	0
0.013499	0	0	0	0	0	0
0.007179	0	0	0	0	0	0
0.007361	0	0	0	0	0	0
0.003764	0	0	0	0	0	0
0.006368	0	0	0	0	0	0
0.004619	0	0	0	0	5	5
0.570524	0.29	5	0	0	2	7
0.012426	0	2	0	0	0	2
0.022787	0	0	0	0	0	0
0.024968	0	0	0	0	0	0
0.018873	0	0	0	0	0	0
0.453615	0	0	0	0	0	0
0.003796	0	0	0	0	0	0
0.003575	0	0	0	0	0	0
0.008889	0	0	0	0	0	0
0.005812	0	0	0	0	0	0
0.003898	0	0	0	0	0	0

0.01002	0	0	0	0	0	0
0.006514	0	0	0	0	0	0
0.003018	0	0	0	0	0	0
0.012548	0	0	0	0	0	0
0.081011	0.01	0	0	15	0	15
0.000824	0	0	0	27	52	79
0.002023	0	33	0	0	0	33
0.000206	0	0	0	0	0	0
0.019984	0.07	0	0	0	0	0
0.000924	0	0	0	0	0	0
0.000214	0	0	0	0	0	0
0.000313	0	0	0	0	0	0
0.000902	0	0	0	0	13	13
0.000339	0	13	0	0	0	13
0.028536	0	0	0	0	0	0
0.024964	0	0	0	0	0	0
0.037969	0	0	0	0	0	0
0.023071	0	0	0	0	0	0
0.030388	0	0	0	0	0	0
0.023389	0	0	0	0	0	0
0.021671	0	0	0	0	0	0
0.024523	0	0	0	0	0	0
0.043029	0	0	0	0	0	0
0.001833	0	0	0	0	0	0
0.003838	0	0	0	0	0	0
0.011807	0	0	0	0	0	0
0.002509	0	0	0	0	0	0
0.003382	0	0	0	0	0	0
0.424286	0	0	0	0	0	0
0.019826	0	0	0	0	0	0
0.006765	0	0	0	0	0	0
0.005269	0	0	0	0	0	0
0.004376	0	0	0	0	0	0
0.012609	0	0	0	0	0	0
0.017224	0	0	0	0	0	0
0.003816	0	0	0	0	0	0
0.006548	0	0	0	0	0	0
0.0094	0	0	0	0	0	0
0.014276	0.04	0	0	0	0	0
0.048219	0	0	0	0	0	0
0.013926	0	0	0	0	0	0
0.02113	0	0	0	0	0	0
0.009112	0	0	0	0	0	0
0.014963	0	0	0	0	0	0
0.018292	0	0	0	0	0	0
0.013431	0	0	0	0	3	3
0.012532	0	3	0	0	0	3
0.009375	0	0	0	0	0	0
0.006318	0	0	0	0	0	0
0.006129	0	0	0	0	0	0



0.010708	0	0	0	0	0	0
0.025882	0	0	0	0	0	0
0.006121	0	0	0	0	0	0
0.003324	0	0	0	0	0	0
0.002791	0	0	0	0	0	0
0.011238	0	0	0	0	0	0
0.011037	0	0	0	0	0	0
0.003435	0	0	0	0	0	0
0.003381	0	0	0	0	0	0
0.009032	0	0	0	0	0	0
0.008198	0	0	0	0	0	0
0.047128	0	0	0	0	0	0
0.005259	0	0	0	0	0	0
0.003482	0	0	0	0	0	0
0.010466	0	0	0	0	0	0
0.028266	0	0	0	0	0	0
0.005935	0	0	0	0	0	0
0.008354	0	0	0	0	0	0
0.017908	0	0	0	0	0	0
0.005779	0	0	0	0	0	0
0.004885	0	0	0	0	0	0
0.003579	0	0	0	0	0	0
0.003486	0	0	0	0	0	0
0.011694	0	5	0	0	0	5
0.016764	0	0	0	0	0	0
0.374936	0	0	0	0	0	0
0.028001	0	0	0	0	0	0
0.053459	0	0	0	0	0	0
0.040903	0	0	0	0	0	0
0.019654	0	0	0	0	0	0
0.529598	0.28	0	0	0	0	0
0.069424	0	0	0	0	0	0
0.028883	0	0	0	0	0	0
0.049107	0	0	0	0	0	0
0.052677	0	0	0	0	0	0
0.056035	0	0	0	0	0	0
0.01636	0	0	0	0	0	0
0.039455	0	0	0	0	0	0
0.022749	0	0	0	0	0	0
0.023952	0	0	0	0	0	0
0.122781	0	0	0	0	0	0
0.065636	0	0	0	0	0	0
0.038993	0	0	0	0	0	0
0.018504	0	0	0	0	0	0
0.011875	0	0	0	0	0	0
0.033714	0	0	0	0	0	0
0.016012	0	0	0	0	0	0
0.027896	0	0	0	0	0	0
0.10997	0	0	0	0	0	0
0.034354	0	0	1	0	0	1

0.068435	0	0	0	0	0	0
0.062155	0	0	0	0	0	0
0.052482	0	0	0	0	0	0
0.042267	0	0	0	0	0	0
0.065282	0	0	0	0	0	0
0.0318	0	0	0	0	0	0
0.409187	0	0	0	0	0	0
0.049718	0	0	0	0	0	0
0.026611	0	0	0	0	0	0
0.045196	0	0	0	0	0	0
0.044003	0	0	0	0	0	0
0.042494	0	0	0	0	0	0
0.020697	0	0	0	0	0	0
0.032587	0	0	0	0	0	0
0.022813	0	0	0	0	0	0
0.021517	0	0	0	0	0	0
0.025444	0	0	0	0	0	0
0.023668	0	0	0	0	0	0
0.05305	0	0	0	0	0	0
0.020715	0	0	0	0	0	0
0.033359	0	0	0	0	0	0
0.026528	0	0	0	0	0	0
0.010176	0	0	0	0	0	0
0.011247	0	0	0	0	0	0
0.040188	0	0	0	0	0	0
0.039185	0	0	0	0	0	0
0.091584	0	0	0	0	0	0
0.080991	0	0	0	0	0	0
0.06585	0	0	0	0	0	0
0.05355	0	0	0	0	0	0
0.09923	0	0	0	0	0	0
0.117117	0	0	0	0	0	0
0.089303	0	0	0	0	0	0
0.166743	0	0	0	0	0	0
0.117527	0	0	0	0	0	0
0.026259	0	0	0	0	0	0
0.052759	0	0	0	0	0	0
0.01064	0	0	0	0	0	0
0.041317	0	0	0	0	0	0
0.02035	0	0	0	0	0	0
0.027289	0	0	0	0	0	0
0.01906	0	0	0	0	0	0
0.508128	0.21	0	0	0	0	0
0.092862	0	0	0	0	0	0
0.060541	0	0	0	0	0	0
0.076933	0	0	0	0	0	0
0.060924	0	0	0	0	0	0
0.008042	0.01	0	0	0	0	0
0.005049	0	0	0	0	0	0
0.008086	0	0	0	0	21	21

0.00545	0	21	1	1	11	34
0.006756	0	11	12	12	16	51
0.004353	0	16	2	0	11	29
0.00324	0	11	0	0	0	11
0.003652	0	0	0	0	15	15
0.003353	0	15	0	0	6	21
0.043522	0	6	1	1	0	8
0.243011	0	0	0	0	0	0
0.006752	0	0	3	0	0	3
0.007829	0	0	6	7	0	13
0.456501	0	0	1	11	0	12
0.032739	0	0	0	0	0	0
0.003675	0	0	0	0	1	1
0.008166	0	1	0	0	0	1
0.001114	0	0	0	0	5	5
0.003102	0	5	0	0	0	5
0.003294	0	0	0	0	0	0
0.145597	0.02	0	0	0	0	0
0.001975	0	1	0	0	3	4
0.000843	0	3	0	0	0	3
0.004179	0	0	0	0	8	8
0.009472	0	0	0	7	0	7
0.01046	0	0	0	1	0	1
0.011291	0	0	0	0	0	0
0.066334	0	0	0	0	12	12
0.005959	0	12	0	0	7	19
0.005249	0	7	0	0	0	7
0.052316	0	0	0	0	0	0
0.058032	0	0	0	0	0	0
0.056643	0	0	0	0	0	0
0.038922	0	0	0	0	0	0
0.039651	0	0	0	0	0	0
0.036467	0	0	0	0	0	0
0.042227	0	0	0	0	0	0
0.034002	0	0	2	0	6	8
0.019539	0	6	0	0	0	6
0.02597	0	0	0	0	4	4
0.032391	0	4	0	0	0	4
0.026074	0	0	0	0	0	0
0.021227	0	0	0	0	0	0
0.033693	0	0	0	0	0	0
0.038011	0	0	0	0	0	0
0.017111	0	0	0	0	0	0
0.015947	0	0	0	0	0	0
0.061519	0	0	0	0	0	0
0.100575	0	0	0	0	0	0
0.05518	0	0	0	0	0	0
0.064109	0	0	0	0	0	0
0.032753	0	0	0	0	0	0
0.016162	0	0	0	0	0	0

0.070656	0	0	0	0	0	0
0.011866	0	0	0	0	0	0
0.178631	0	0	0	15	6	21
0.127498	0.02	0	0	0	0	0
0.057677	0	0	0	0	0	0
0.079756	0	0	0	0	0	0
0.059549	0	0	0	0	0	0
0.048095	0	0	0	0	0	0
0.054972	0	0	0	0	0	0
0.187605	0	0	0	0	0	0
0.036372	0	0	0	0	0	0
0.011979	0	0	0	0	0	0
0.003105	0	0	0	0	0	0
0.003362	0	0	0	0	0	0
0.00654	0	0	0	0	0	0
0.005439	0	0	0	0	0	0
0.047364	0	0	0	0	0	0
0.040488	0	0	0	0	0	0
0.049378	0	0	0	0	0	0
0.059542	0	0	0	0	0	0
0.048418	0	0	0	0	0	0
0.111143	0	0	0	0	0	0
0.139406	0	0	0	0	0	0
0.041261	0	0	0	0	0	0
0.041862	0	0	0	0	0	0
0.087234	0	0	0	0	0	0
0.037942	0	0	0	0	0	0
0.044514	0	0	0	0	0	0
0.032221	0	0	0	0	0	0
0.011957	0	0	0	0	0	0
0.007276	0	0	0	0	0	0
0.005689	0	0	0	0	1	1
0.035463	0	0	0	0	0	0
0.012534	0	0	0	0	0	0
0.007083	0	0	0	0	0	0
0.005831	0	0	0	0	0	0
0.006208	0	0	0	0	0	0
0.015699	0	0	0	0	0	0
0.013165	0	0	0	0	0	0
0.005391	0	0	0	0	0	0
0.006868	0	0	0	0	0	0
0.006548	0	0	0	0	0	0
0.002935	0	0	0	0	0	0
0.010413	0	0	0	3	0	3
0.011666	0	0	0	0	0	0
0.022174	0	0	0	0	0	0
0.016419	0	0	0	0	0	0
0.031828	0	0	0	0	0	0
0.121781	0.02	0	0	0	0	0
0.00595	0	0	0	0	0	0

0.003272	0	0	0	4	0	4
0.00217	0	0	0	0	0	0
0.001202	0	0	0	0	0	0
0.011883	0	0	0	0	9	9
0.003291	0	9	0	0	0	9
0.002324	0	0	0	0	0	0
0.005031	0	0	0	0	0	0
0.017266	0	0	0	0	0	0
0.015127	0	0	0	0	0	0
0.019825	0	0	0	0	0	0
0.013959	0	0	0	0	0	0
0.012499	0	0	0	0	0	0
0.001688	0	0	0	0	0	0
0.001772	0	0	0	0	0	0
0.004539	0	0	0	0	0	0
0.0014	0	0	0	0	0	0
0.003023	0	0	0	0	0	0
0.000128	0	0	0	0	0	0
0.00148	0	0	0	0	2	2
0.00271	0	0	0	0	0	0
0.001292	0	0	0	0	0	0
0.004424	0	0	0	0	0	0
0.001915	0	0	0	0	0	0
0.00192	0	0	0	0	0	0
0.001047	0	0	0	0	0	0
0.00155	0	0	0	0	0	0
0.001397	0	0	0	0	0	0
0.000938	0	0	0	0	0	0
0.000677	0	0	0	0	0	0
0.001402	0	0	0	0	0	0
0.959201	0	0	0	0	0	0
0.009745	0	0	0	0	0	0
0.008908	0	0	0	0	0	0
0.006647	0	0	0	0	0	0
0.007952	0	0	0	0	0	0
0.005257	0	0	0	0	0	0
0.007281	0	0	0	0	0	0
0.012635	0	0	0	0	0	0
0.016482	0	0	0	0	0	0
0.008847	0	0	0	0	0	0
0.01549	0	0	0	0	0	0
0.016201	0	0	0	0	0	0
0.011499	0	0	0	0	0	0
0.005972	0	0	0	0	0	0
0.009659	0	0	0	0	0	0
0.014403	0	0	0	0	0	0
0.023087	0	0	0	0	0	0
0.017777	0	0	0	0	0	0
0.011057	0	0	0	0	0	0
0.021424	0	0	0	0	0	0

0.012756	0	0	0	0	0	0
0.034525	0	0	0	0	0	0
0.041872	0	0	0	0	0	0
0.028122	0	0	0	0	0	0
0.022905	0	0	0	0	0	0
0.032095	0	0	0	0	0	0
0.039663	0	0	0	0	0	0
0.074119	0	0	0	0	0	0
0.025843	0	0	0	0	0	0
0.049937	0	0	0	0	0	0
0.0612	0	0	0	0	0	0
0.063409	0	0	0	0	0	0
0.053327	0	0	0	0	0	0
0.044918	0	0	0	0	0	0
0.042699	0	0	0	0	0	0
0.167552	0.06	0	0	0	0	0
0.057877	0	0	0	0	0	0
0.013666	0	0	0	0	0	0
0.010614	0	0	0	0	0	0
0.013764	0	0	0	0	0	0
0.014193	0	0	0	0	0	0
0.010658	0	0	0	0	0	0
0.01403	0	0	0	0	0	0
0.009678	0	0	0	0	0	0
0.007714	0	0	0	0	0	0
0.007247	0	0	0	0	0	0
0.007009	0	0	0	0	0	0
0.012256	0	0	0	0	0	0
0.006094	0	0	0	0	0	0
0.01944	0	0	0	0	0	0
0.006073	0	0	0	0	0	0
0.004532	0	0	0	0	0	0
0.006006	0	0	0	0	0	0
0.007535	0	0	0	0	0	0
0.023024	0	0	0	0	0	0
0.004069	0	0	0	0	0	0
0.003146	0	0	0	0	0	0
0.002782	0	0	0	0	0	0
0.023732	0	0	0	0	0	0
0.008971	0	0	0	0	0	0
0.074307	0.01	0	0	0	0	0
0.024587	0	0	0	0	0	0
0.00939	0	0	0	0	0	0
0.012411	0	0	0	0	0	0
0.021959	0	0	0	0	0	0
0.021145	0	0	0	0	0	0
0.019897	0	0	0	0	0	0
0.01358	0	0	0	0	0	0
0.019192	0	0	0	0	0	0
0.012471	0	0	0	0	0	0

0.031507	0	0	0	0	0	0
0.087062	0	0	0	0	0	0
0.279422	0	0	0	0	0	0
0.097228	0	0	0	0	0	0
0.039108	0	0	0	0	0	0
0.03185	0	0	0	0	0	0
0.017128	0	0	0	0	0	0
0.024646	0	0	0	0	0	0
0.054127	0	0	0	0	0	0
0.11171	0	0	0	0	0	0
0.057875	0	0	0	0	0	0
0.046411	0	0	0	0	0	0
0.026937	0	0	0	0	0	0
0.041017	0	0	0	0	0	0
0.045399	0	0	0	0	0	0
0.055141	0	0	0	0	0	0
0.098325	0	0	0	0	0	0
0.051558	0	0	0	0	0	0
0.019125	0	0	0	0	0	0
0.034043	0	0	0	0	0	0
0.108095	0	0	0	0	0	0
0.047391	0	0	0	0	0	0
0.13241	0	0	0	0	0	0
0.017455	0	0	0	0	0	0
0.039867	0	0	0	0	0	0
0.03516	0	0	0	0	0	0
0.019449	0	0	0	0	0	0
0.063146	0	0	0	0	0	0
0.040579	0	0	0	0	0	0
0.027199	0	0	0	0	0	0
0.13836	0	0	0	0	0	0
0.102584	0	0	0	0	0	0
0.103065	0	0	0	0	0	0
0.030646	0	0	0	0	0	0
0.05455	0	0	0	0	0	0
0.073371	0	0	0	0	0	0
0.052992	0	0	0	0	0	0
0.207561	0	0	0	0	0	0
0.042549	0	0	0	0	0	0
0.095279	0	0	0	0	0	0
0.085049	0	0	0	0	0	0
0.068621	0	0	0	0	0	0
0.073355	0	0	0	0	0	0
0.030303	0	0	0	0	0	0
0.061892	0	0	0	0	0	0
0.047731	0	0	0	0	0	0
0.031886	0	0	0	0	0	0
0.122131	0	0	0	0	0	0
0.065482	0	0	0	0	0	0
0.036628	0	0	0	0	0	0

0.021403	0	0	0	0	2	2
0.044109	0	0	0	0	0	0
0.056109	0	0	0	0	0	0
0.176385	0	0	0	0	0	0
0.15665	0	0	0	0	0	0
0.060295	0	0	0	0	0	0
0.068862	0	0	0	0	0	0
0.049853	0	0	0	0	0	0
0.944519	0	0	0	0	0	0
0.06478	0	0	0	0	0	0
0.098776	0	0	0	0	0	0
0.146722	0	0	0	0	0	0
0.103249	0	0	0	0	0	0
0.03892	0	0	0	0	0	0
0.018041	0	0	0	0	0	0
0.010719	0	0	0	0	0	0
0.047818	0	0	0	0	0	0
0.008946	0	0	0	0	5	5
0.037271	0	5	0	0	0	5
0.017226	0	0	0	0	0	0
0.008978	0	0	0	0	0	0
0.015074	0	0	0	0	0	0
0.033329	0	0	0	0	0	0
0.026751	0	0	0	0	0	0
0.018845	0	0	0	0	0	0
0.144724	0	0	0	0	0	0
0.163733	0	0	0	0	0	0
0.040953	0	0	0	0	0	0
0.050296	0	0	0	0	0	0
0.251819	0	0	0	0	0	0
0.065319	0	0	0	0	0	0
0.101849	0	0	0	0	0	0
0.119935	0	0	0	0	0	0
0.058374	0	0	0	0	0	0
0.065944	0	0	0	0	0	0
0.133149	0	0	0	0	0	0
0.102586	0	0	0	0	0	0
0.043801	0	0	0	0	0	0
0.036713	0	0	0	0	0	0
0.041462	0	0	0	0	0	0
0.878234	0	0	0	0	0	0
0.009962	0	0	0	0	0	0
0.000752	0	0	0	0	0	0
0.061655	0	0	0	0	0	0
0.083695	0	0	0	0	0	0
0.06682	0	0	0	0	0	0
0.046883	0	0	0	0	0	0
0.06354	0	0	0	0	0	0
0.042773	0	0	0	0	0	0
0.06524	0	0	0	0	0	0



0.047842	0	0	0	0	0	0
0.066932	0	0	0	0	0	0
0.035988	0	0	0	0	0	0
0.112234	0	0	0	0	0	0
0.056563	0	0	0	0	0	0
0.045444	0	0	0	0	0	0
0.040855	0	0	0	0	0	0
0.037484	0	0	0	0	0	0
0.026708	0	0	0	0	0	0
0.030874	0	0	0	0	0	0
0.015928	0	0	0	0	0	0
0.044445	0	0	0	0	0	0
0.055358	0	0	0	0	0	0
0.037319	0	0	0	0	0	0
0.033483	0	0	0	0	0	0
0.051357	0	0	0	0	0	0
0.04034	0	0	0	0	0	0
0.059296	0	0	0	0	0	0
0.0395	0	0	0	0	0	0
0.043437	0	0	0	0	0	0
0.063922	0	0	0	0	0	0
0.107712	0	0	0	0	0	0
0.506455	0	0	0	0	0	0
0.079817	0	0	0	0	0	0
0.18867	0	0	0	0	0	0
0.09344	0	0	0	0	0	0
0.255101	0	0	0	0	0	0
0.016532	0.01	0	0	3	0	3
0.053582	0	0	0	0	0	0
0.042959	0	0	0	0	0	0
0.03097	0	0	0	0	0	0
0.003992	0	0	0	0	0	0
0.003201	0	0	0	0	0	0
0.00274	0	0	0	0	0	0
0.004004	0	0	0	0	2	2
0.042823	0.34	2	0	4	0	6
0.064133	0	0	0	0	0	0
0.0078	0	0	0	0	0	0
0.001823	0	0	0	0	0	0
0.000943	0	0	0	0	0	0
0.000872	0	0	0	0	0	0
0.044167	0	0	0	0	0	0
0.000132	0	56	16	41	16	129
0.007224	0	0	14	10	49	73
0.029955	0.01	0	11	6	11	28
0.000422	0	11	0	0	0	11
0.000045	0	0	0	0	10	10
0.000499	0	10	4	8	0	22
0.000206	0	0	0	0	0	0
0.000331	0	0	0	0	0	0

0.794161	0.07	0	5	0	0	5
0.006539	0	0	0	0	0	0
0.005946	0	0	0	0	0	0
0.005947	0	0	0	0	0	0
0.009489	0	0	0	0	0	0
0.013714	0	0	0	0	0	0
0.006966	0	0	0	0	0	0
0.004067	0	0	0	0	0	0
0.016539	0	0	0	0	0	0
0.048685	0	0	0	0	0	0
0.028	0	0	0	0	0	0
0.023379	0	0	0	0	0	0
0.017414	0	0	0	0	0	0
0.006772	0	0	0	0	0	0
0.024463	0	0	0	0	0	0
0.005387	0	0	0	0	0	0
0.00512	0	0	0	0	0	0
0.007779	0	0	0	0	0	0
0.017545	0	0	0	0	0	0
0.050251	0	0	0	0	0	0
0.065668	0	0	0	0	0	0
0.094699	0	0	4	4	0	8
0.027558	0	0	0	0	0	0
0.038618	0	0	0	0	0	0
0.009124	0	0	0	0	0	0
0.015984	0	0	0	0	0	0
0.011694	0	0	0	0	0	0
0.012131	0	0	0	0	0	0
0.006031	0	0	0	0	0	0
0.010618	0	0	0	0	0	0
0.033302	0	0	0	0	0	0
0.041157	0	0	0	0	0	0
0.005375	0	0	0	0	0	0
0.004499	0	0	0	0	0	0
0.004446	0	0	0	0	0	0
0.006856	0	0	0	0	0	0
0.011422	0	0	0	0	0	0
0.010234	0	0	0	0	0	0
0.003574	0	0	0	0	0	0
0.007591	0	0	0	0	0	0
0.114563	0.05	0	0	0	0	0
0.042924	0	0	0	0	0	0
0.002848	0	0	0	0	0	0
0.002069	0	0	0	0	0	0
0.023294	0	0	0	0	0	0
0.011563	0	0	0	0	0	0
0.009564	0	0	0	0	0	0
0.010078	0	0	0	0	0	0
0.011852	0	0	0	0	0	0
0.008319	0	0	0	0	0	0

0.036955	0	0	0	0	0	0
0.019932	0	0	0	0	0	0
0.053373	0	0	0	0	0	0
0.01204	0	0	0	0	0	0
0.107985	0	0	0	0	0	0
0.013723	0	0	0	0	0	0
0.012786	0	0	0	0	0	0
0.026421	0	0	0	0	0	0
0.024987	0	0	0	0	0	0
0.020083	0	0	0	0	0	0
0.015233	0	0	0	0	0	0
0.020184	0	0	0	0	0	0
0.017433	0	0	0	0	0	0
0.019703	0	0	0	0	0	0
0.020028	0	0	0	0	0	0
0.016158	0	0	0	0	0	0
0.014434	0	0	0	0	0	0
0.025913	0	0	0	0	0	0
0.011359	0	0	0	0	0	0
0.010896	0	0	0	0	0	0
0.009566	0	0	0	0	0	0
0.008261	0	0	0	0	0	0
0.012815	0	0	0	0	0	0
0.007307	0	0	0	0	0	0
0.009279	0	0	0	0	0	0
0.007794	0	0	0	0	0	0
0.005644	0	0	0	0	0	0
0.013983	0	0	0	0	0	0
0.03394	0	0	0	0	0	0
0.007223	0	0	0	0	0	0
0.008133	0	0	0	0	0	0
0.004763	0	0	0	0	0	0
0.006703	0	0	0	0	0	0
0.019573	0	0	0	0	0	0
0.004679	0	0	0	0	0	0
0.006939	0	0	0	0	6	6
0.029358	0	6	0	0	0	6
0.005562	0	0	0	0	0	0
0.002851	0	0	0	0	0	0
0.031185	0	0	0	0	0	0
0.003879	0	0	0	0	0	0
0.003361	0	0	0	0	3	3
0.208075	0.1	3	0	0	0	3
0.003447	0	0	0	0	0	0
0.005068	0	0	0	0	0	0
0.0108	0	0	0	0	0	0
0.005234	0	0	0	0	0	0
0.000312	0	0	0	0	0	0
0.000611	0	0	0	0	0	0
0.003385	0	0	0	0	0	0

0.038114	0	0	0	0	0	0
0.013265	0	0	0	0	0	0
0.031113	0	0	0	0	0	0
0.023601	0	0	0	0	0	0
0.046645	0	0	0	0	0	0
0.029661	0	0	0	0	0	0
0.099343	0	0	0	0	0	0
0.062849	0	0	0	0	0	0
0.070137	0	0	0	0	0	0
0.09416	0	0	0	0	0	0
0.071957	0	0	0	0	0	0
0.132803	0	0	0	0	0	0
0.073421	0	0	0	0	0	0
0.032031	0	0	0	0	0	0
0.024762	0	0	0	0	0	0
0.269094	0.02	0	0	0	0	0
0.199976	0	0	0	0	0	0
0.002534	0	0	0	0	0	0
0.027751	0	0	0	0	0	0
0.007321	0.01	0	0	0	0	0
0.006248	0	0	0	0	0	0
0.010953	0.01	0	0	0	0	0
0.081115	0	0	0	0	0	0
0.153058	0	0	0	0	0	0
0.024663	0	0	0	0	0	0
0.077888	0	0	0	0	0	0
0.014441	0	0	0	0	0	0
0.044987	0	0	0	0	0	0
0.023766	0	0	0	0	0	0
0.025274	0	0	0	0	0	0
0.084047	0	0	0	0	0	0
0.069862	0	0	0	0	0	0
0.021744	0	0	0	0	0	0
0.009248	0	0	0	0	0	0
0.039	0.01	0	0	0	0	0
0.012985	0	0	0	0	0	0
0.052238	0	0	0	0	0	0
0.018643	0	0	0	0	0	0
0.021796	0	0	0	0	0	0
0.026051	0	0	0	0	0	0
0.279817	0	0	0	11	0	11
0.005977	0	0	0	0	0	0
0.006193	0	0	0	0	0	0
0.005602	0	0	0	0	0	0
0.008886	0	0	0	0	0	0
0.019973	0	0	0	0	0	0
0.00829	0	0	0	0	0	0
0.018646	0	0	0	0	0	0
0.009002	0	0	0	0	0	0
0.009917	0	0	0	0	0	0

0.005118	0	0	0	0	0	0
0.008757	0	0	0	0	0	0
0.015461	0	0	0	0	0	0
0.01573	0	0	0	0	0	0
0.011483	0	0	0	0	0	0
0.01272	0	0	0	0	0	0
0.104651	0	0	0	0	0	0
0.222974	0	0	0	0	0	0
0.333186	0	0	0	0	0	0
0.060893	0	0	0	0	0	0
0.041499	0	0	0	0	0	0
0.007061	0	0	0	0	0	0
0.055435	0	0	0	0	0	0
0.011169	0	0	0	0	0	0
0.010693	0	0	0	0	0	0
0.008737	0	0	0	0	0	0
0.009233	0	0	0	0	0	0
0.008139	0	0	0	0	0	0
0.007537	0	0	0	0	0	0
0.023885	0	0	0	0	0	0
0.008508	0	0	0	0	0	0
0.016954	0	0	0	0	0	0
0.018002	0	0	0	0	0	0
0.017129	0	0	0	0	0	0
0.019921	0	0	0	0	0	0
0.013361	0	0	0	0	0	0
0.01415	0	0	0	0	0	0
0.022113	0	0	0	0	0	0
0.027874	0	0	0	0	0	0
0.017357	0	0	0	0	0	0
0.023151	0	0	0	0	0	0
0.009758	0	0	0	0	0	0
0.005931	0	0	0	0	0	0
0.014035	0	0	0	0	0	0
0.007617	0	0	0	0	0	0
0.027739	0	0	0	0	0	0
0.019985	0	0	0	0	0	0
0.013207	0	0	0	0	0	0
0.009161	0	0	0	0	0	0
0.013544	0	0	0	0	0	0
0.011202	0	0	0	0	0	0
0.01614	0	0	0	0	0	0
0.008619	0	0	0	0	0	0
0.01324	0	0	0	0	0	0
0.157879	0	0	0	0	0	0
0.121828	0	0	0	0	0	0
0.14882	0	0	0	0	0	0
0.317363	0	0	0	0	0	0
0.180742	0	0	0	0	0	0
0.34764	0	0	0	0	0	0

0.171433	0	0	0	0	0	0
0.116364	0	0	0	0	0	0
0.924289	0	0	0	0	0	0
0.064487	0	0	0	0	0	0
0.056882	0	0	0	0	0	0
0.018037	0	0	0	0	0	0
0.120456	0	0	0	0	0	0
0.0455	0	0	0	0	0	0
0.110322	0	0	0	0	0	0
0.018413	0	0	0	0	0	0
0.015298	0	0	0	0	0	0
0.020169	0	0	0	0	0	0
0.025293	0	0	0	0	0	0
0.025093	0	0	0	0	0	0
0.02053	0	0	0	0	0	0
0.008066	0	0	0	0	0	0
0.022658	0	0	0	0	0	0
0.025861	0	0	0	0	0	0
0.067802	0	0	0	0	0	0
0.025693	0	0	0	0	0	0
0.036343	0	0	0	0	0	0
0.118017	0	0	0	0	0	0
0.006441	0	0	0	0	0	0
0.004001	0	0	0	0	0	0
0.002957	0	0	0	0	0	0
0.022506	0	0	0	0	0	0
0.013948	0	0	0	0	0	0
0.013902	0	0	0	0	0	0
0.033299	0	0	0	0	0	0
0.025709	0	3	0	0	0	3
0.099089	0	0	0	0	0	0
0.014484	0	0	0	0	0	0
0.008645	0	0	0	0	0	0
0.011042	0	0	0	0	0	0
0.006623	0	0	0	0	0	0
0.005426	0	0	0	0	0	0
0.005051	0	0	0	0	0	0
0.055209	0	0	0	0	0	0
0.142463	0	0	0	0	0	0
0.108291	0	0	0	0	0	0
0.03775	0	0	0	0	0	0
0.001345	0	0	0	0	0	0
0.006891	0	0	0	0	0	0
0.00162	0	0	0	0	0	0
0.520157	0.05	0	0	0	0	0
0.556008	0.11	0	0	0	0	0
0.029563	0.01	0	0	0	0	0
0.002522	0	0	0	0	0	0
0.001214	0	0	0	0	0	0
0.006302	0	0	0	0	0	0

0.00207	0	0	0	0	0	0
0.001846	0	0	0	0	0	0
0.001898	0	0	0	0	0	0
0.002892	0	0	0	0	0	0
0.001541	0	0	0	0	0	0
0.004548	0	0	0	0	0	0
0.001986	0	0	0	0	0	0
0.0148	0	0	0	0	0	0
0.007251	0	0	0	0	0	0
0.005546	0	0	0	0	0	0
0.14116	0.03	0	0	0	0	0
0.034228	0	0	0	2	0	2
0.01594	0	0	0	0	0	0
0.021029	0	0	0	0	0	0
0.003125	0	0	0	0	0	0
0.00355	0	0	0	0	0	0
0.005408	0	0	0	0	0	0
0.003423	0	0	0	0	0	0
0.002261	0	0	0	0	0	0
0.003139	0	0	0	0	0	0
0.06288	0	0	0	0	0	0
0.011958	0	0	0	0	0	0
0.009393	0	0	0	0	0	0
0.00604	0	0	0	0	0	0
0.010607	0	0	0	0	0	0
0.013575	0	0	0	0	0	0
0.01339	0	0	0	0	0	0
0.006399	0	0	0	0	0	0
0.007675	0	0	0	0	0	0
0.004678	0	0	0	0	0	0
0.013924	0	0	0	0	0	0
0.01272	0	0	0	0	0	0
0.015106	0	0	0	0	0	0
0.014683	0	0	0	0	0	0
0.01203	0	0	0	0	0	0
0.017626	0	0	0	0	0	0
0.006359	0	0	0	0	0	0
0.0031	0	0	0	0	0	0
0.002298	0	0	0	0	0	0
0.001019	0	0	0	0	0	0
0.00176	0	0	0	0	0	0
0.003385	0	0	0	0	0	0
0.022355	0	0	0	6	0	6
0.001992	0	0	0	0	0	0
0.007727	0	0	0	0	0	0
0.001338	0	0	0	0	0	0
0.00201	0	0	0	0	0	0
0.002019	0	0	0	0	0	0
0.004319	0	0	0	0	0	0
0.003077	0	0	0	0	0	0

0.00228	0	0	0	0	0	0
0.002437	0	0	0	0	0	0
0.001568	0	0	0	0	0	0
0.001507	0	0	0	0	0	0
0.130204	0	0	0	0	0	0
0.009875	0	0	0	0	0	0
0.013567	0	0	0	0	0	0
0.007652	0.01	0	0	0	0	0
0.032826	0	0	0	0	0	0
0.016402	0	0	0	0	0	0
0.044798	0	0	0	0	0	0
0.029292	0	0	0	0	0	0
0.015085	0	0	0	0	0	0
0.033434	0	0	0	0	0	0
0.013494	0	0	0	0	0	0
0.006212	0	0	0	0	0	0
0.005575	0	0	0	0	0	0
0.007317	0	0	0	0	0	0
0.007479	0	0	0	0	0	0
0.024572	0	0	0	0	0	0
0.006901	0	0	0	0	0	0
0.095757	0	0	0	0	0	0
0.111116	0.03	0	0	0	0	0
0.012092	0	0	0	0	0	0
0.010934	0	0	0	0	0	0
0.016241	0	0	0	0	0	0
0.06403	0	0	0	0	0	0
0.01542	0	0	0	0	0	0
0.016878	0	0	0	0	0	0
0.015009	0	0	0	0	0	0
0.043638	0	0	0	0	0	0
0.002581	0	0	0	0	0	0
0.010295	0	0	0	0	0	0
0.026238	0	0	0	0	0	0
0.002427	0	0	0	0	0	0
0.006566	0	0	0	0	0	0
0.007533	0	0	0	0	0	0
0.032894	0	0	0	0	0	0
0.005214	0	0	0	0	0	0
0.006567	0	0	0	0	0	0
0.01539	0	0	0	0	0	0
0.025539	0	0	0	0	0	0
0.010975	0	3	0	0	0	3
0.010447	0	0	0	0	0	0
0.002028	0	0	0	0	0	0
0.009735	0	0	0	0	0	0
0.002211	0	0	0	0	0	0
0.002398	0	0	0	0	0	0
0.040956	0	0	0	0	0	0
0.006264	0	0	0	0	0	0



0.021334	0	0	0	0	0	0
0.009586	0	0	0	0	0	0
0.008179	0	0	0	0	0	0
0.007568	0	0	0	0	0	0
0.005069	0	0	0	0	0	0
0.005625	0	0	0	0	0	0
0.005614	0	0	0	0	0	0
0.021337	0	0	0	0	0	0
0.010659	0	0	0	0	0	0
0.021356	0	0	0	0	0	0
0.0121	0	0	0	0	0	0
0.014498	0	0	0	0	0	0
0.011034	0	0	0	0	0	0
0.011922	0	0	0	0	0	0
0.010348	0	0	0	0	0	0
0.004764	0	0	0	0	0	0
0.005569	0	0	0	0	0	0
0.008837	0	0	0	0	0	0
0.006581	0	0	0	0	0	0
0.003549	0	0	0	0	0	0
0.046416	0	0	0	0	0	0
0.031808	0	0	0	0	0	0
0.06311	0	0	0	0	0	0
0.038756	0	0	0	0	0	0
0.036006	0	0	0	0	0	0
0.030112	0	0	0	0	0	0
0.03154	0	0	0	0	0	0
0.219184	0	0	0	0	0	0
0.033453	0	0	0	0	0	0
0.001298	0	4	0	0	0	4
0.003534	0	0	0	0	0	0
0.003267	0	0	0	0	0	0
0.000848	0	0	0	0	0	0
0.000853	0	0	0	0	0	0
0.007937	0	0	0	0	0	0
0.000599	0	0	0	0	0	0
0.000908	0	0	0	0	0	0
0.001951	0	0	0	0	0	0
0.000668	0	0	0	0	0	0
0.011851	0	0	0	0	0	0
0.01125	0	0	0	0	0	0
0.00643	0	0	0	0	0	0
0.002753	0	0	0	0	0	0
0.002624	0	0	0	0	0	0
0.00488	0	0	0	0	0	0
0.000473	0	0	0	0	0	0
0.003576	0	0	0	0	0	0
0.003297	0	0	0	0	0	0
0.004255	0	0	0	0	0	0
0.004466	0	0	0	0	0	0

0.004323	0	0	0	0	0	0
0.004109	0	0	0	0	0	0
0.004946	0	0	0	0	0	0
0.003264	0	0	0	0	0	0
0.001439	0	0	0	0	0	0
0.001433	0	0	0	0	0	0
0.000584	0	0	0	0	0	0
0.003069	0	0	0	0	0	0
0.496337	0.25	0	0	0	0	0
0.802739	0	0	0	0	0	0
0.012963	0	0	0	0	0	0
0.050452	0	0	0	0	0	0
0.036179	0	0	0	0	0	0
0.093027	0	0	0	0	0	0
0.025613	0	0	0	0	0	0
0.019811	0	0	0	0	0	0
0.018217	0	0	0	0	0	0
0.006639	0	0	0	0	0	0
0.01119	0	0	0	0	0	0
0.024627	0	0	0	0	0	0
0.010331	0	0	0	0	0	0
0.018389	0	0	0	0	0	0
0.027047	0	0	0	0	0	0
0.025791	0	0	0	0	0	0
0.017641	0	0	0	0	0	0
0.021441	0	0	0	0	0	0
0.018845	0	0	0	0	0	0
0.017332	0	0	0	0	0	0
0.022485	0	0	0	0	0	0
0.011822	0	0	0	0	0	0
0.007671	0	0	0	0	0	0
0.030297	0	0	0	0	0	0
0.031691	0	0	0	0	0	0
0.082202	0	0	0	0	0	0
0.053941	0	0	0	0	0	0
0.122092	0	0	0	0	0	0
0.03317	0	0	0	0	0	0
0.285278	0.15	0	0	0	0	0
0.019102	0	0	0	0	0	0
0.233406	0	0	0	0	0	0
0.180688	0	0	0	0	0	0
0.264221	0	0	0	0	0	0
0.191755	0	0	0	0	0	0
0.054882	0	0	0	0	0	0
0.007534	0	0	0	0	0	0
0.010958	0	0	0	0	0	0
0.023462	0	0	0	0	0	0
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0.007016	0	0	0	0	0	0
0.909426	0	0	0	0	0	0

0.04728	0	0	0	0	0	0
0.075119	0	0	0	0	0	0
0.03153	0	0	0	0	0	0
0.178829	0	0	0	0	0	0
0.148882	0	0	0	0	0	0
0.073412	0	0	0	0	0	0
0.045884	0	0	0	0	0	0
0.047945	0	0	0	0	0	0
0.022984	0	0	0	0	0	0
0.03124	0	0	0	0	0	0
0.081451	0	0	0	0	0	0
0.126118	0	0	0	0	0	0
0.029829	0	0	0	0	0	0
0.032929	0	0	0	0	0	0
0.027112	0	0	0	0	0	0
0.209374	0	0	0	0	0	0
0.019611	0	3	0	0	0	3
0.030435	0	0	0	0	0	0
0.009431	0	0	0	0	0	0
0.012841	0	0	0	0	0	0
0.006156	0	0	0	0	0	0
0.048272	0	0	0	0	0	0
0.010881	0	0	0	0	0	0
0.017996	0	0	0	0	0	0
0.008202	0	0	0	0	0	0
0.028158	0	0	0	0	0	0
0.018518	0	0	0	0	0	0
0.02364	0	0	0	0	0	0
0.017268	0	0	0	0	0	0
0.017869	0	0	0	0	0	0
0.030253	0	0	0	0	0	0
0.041424	0	0	0	0	3	3
0.485547	0.07	3	0	11	3	17
0.072354	0	0	0	0	0	0
0.031656	0	0	0	0	0	0
0.036389	0	0	0	0	0	0
0.071117	0	0	0	0	0	0
0.178438	0	0	0	0	0	0
0.191932	0	0	0	0	0	0
0.071652	0	0	0	0	0	0
0.202293	0	0	0	0	0	0
0.066905	0	0	0	0	0	0
0.05514	0	0	0	0	0	0
0.017657	0	0	0	0	0	0
0.015807	0	0	0	0	0	0
0.072553	0	0	0	0	0	0
0.035813	0	0	0	0	0	0
0.029098	0	0	0	0	0	0
0.039731	0	0	0	0	0	0
0.073382	0	0	0	0	0	0

0.009342	0	0	0	0	0	0
0.004122	0	0	0	0	0	0
0.012399	0	0	0	0	0	0
0.007763	0	0	0	0	0	0
0.040922	0	0	0	0	0	0
0.009593	0	0	0	0	0	0
0.021983	0	0	0	0	0	0
0.077234	0	0	0	0	0	0
0.097803	0	0	0	0	0	0
0.026788	0	0	0	0	0	0
0.025077	0	0	0	0	0	0
0.004353	0	0	0	0	0	0
0.010828	0	0	0	0	0	0
0.002444	0	0	0	0	0	0
0.007702	0	0	0	0	0	0
0.024125	0	0	0	0	0	0
0.034005	0	0	0	0	0	0
0.031671	0	0	0	0	0	0
0.044237	0	0	0	0	0	0
0.044174	0	0	0	0	0	0
0.019109	0	0	0	0	0	0
0.021004	0	0	0	0	0	0
0.391094	0	0	0	0	0	0
0.220415	0	0	0	0	0	0
0.006904	0	0	0	0	0	0
0.113285	0	0	0	0	0	0
0.180537	0	0	0	0	0	0
0.201928	0	0	0	0	0	0
0.027303	0	0	0	0	0	0
0.009397	0	0	0	0	0	0
0.049824	0	0	0	0	0	0
0.007326	0	0	0	0	0	0
0.019822	0	0	0	0	0	0
0.037532	0	0	0	0	0	0
0.072921	0	0	0	0	0	0
0.048447	0	0	0	0	0	0
0.055381	0	0	0	0	0	0
0.396619	0	0	0	0	0	0
0.071876	0	0	0	0	0	0
0.297338	0	0	0	0	0	0
0.056154	0	0	0	0	0	0
0.069545	0	0	0	0	0	0
0.06208	0	0	0	0	0	0
0.059846	0	0	0	0	0	0
0.096094	0	0	0	0	0	0
0.088975	0	0	0	0	0	0
0.060427	0	0	0	0	0	0
0.079097	0	0	0	0	0	0
0.038577	0	0	0	0	0	0
0.060824	0	0	0	0	0	0

0.048369	0	0	0	0	0	0
0.039361	0	0	0	0	0	0
0.006435	0	0	0	0	0	0
0.005863	0	0	0	0	0	0
0.005344	0	0	0	0	0	0
0.051171	0	0	0	0	0	0
0.061123	0	0	0	0	0	0
0.067816	0	0	0	0	0	0
0.06168	0	0	0	0	0	0
0.074949	0	0	0	0	0	0
0.033829	0	0	0	0	0	0
0.040374	0	0	0	0	0	0
0.035573	0	0	0	0	0	0
0.045651	0	0	0	0	0	0
0.039113	0	0	0	0	0	0
0.096115	0	0	0	0	0	0
0.157904	0	0	0	0	0	0
0.282522	0	0	0	0	0	0
0.057187	0	0	0	0	0	0
0.052164	0	0	0	0	0	0
0.03024	0	0	0	0	0	0
0.073328	0	0	0	0	0	0
0.057545	0	0	0	0	0	0
0.067501	0	0	0	0	0	0
0.045896	0	0	0	0	0	0
0.048627	0	0	0	0	0	0
0.060931	0	0	0	0	0	0
0.066773	0	0	0	0	0	0
0.022642	0	0	0	0	0	0
0.016585	0	0	0	0	0	0
0.055317	0	0	0	0	0	0
0.028626	0	0	0	0	0	0
0.058392	0	0	0	0	0	0
0.018994	0.04	3	0	0	0	3
0.010809	0	0	0	0	0	0
0.083399	0	0	0	0	0	0
0.00804	0	0	0	0	0	0
0.010985	0	0	0	0	0	0
0.008028	0	0	0	0	0	0
0.024194	0	0	0	0	0	0
0.004244	0	0	0	0	0	0
0.035841	0	0	0	0	0	0
0.020042	0	0	0	0	0	0
0.037515	0	0	0	0	0	0
0.032538	0	0	0	0	0	0
0.03395	0	0	0	0	0	0
0.070918	0	0	2	0	0	2
0.061512	0	0	3	3	0	6
0.024195	0	0	0	0	0	0
0.154332	0	0	0	0	0	0

0.080948	0	0	0	0	0	0
0.000606	0	0	0	0	0	0
0.001569	0	0	0	0	0	0
0.002	0	0	0	0	0	0
0.005931	0	0	0	0	0	0
0.002878	0	0	0	0	0	0
0.006983	0	0	0	0	0	0
0.006225	0	0	0	0	0	0
0.013167	0	0	0	0	0	0
0.003951	0	0	0	0	0	0
0.01181	0	0	0	0	0	0
0.00359	0	0	0	2	0	2
0.003265	0	0	0	0	0	0
0.002822	0	0	7	7	0	14
0.005308	0	0	0	0	0	0
0.007609	0	0	1	7	8	16
0.192044	0.04	8	5	29	0	42
0.622003	0	0	0	45	17	62
0.062138	0	0	0	0	0	0
0.006008	0	0	0	0	3	3
0.003921	0	3	0	0	0	3
0.004378	0	0	0	0	11	11
0.004472	0	11	0	0	0	11
0.007347	0	0	0	0	0	0
0.004738	0	0	0	0	0	0
0.028582	0	0	0	0	0	0
0.049649	0.02	0	0	0	0	0
0.029657	0	0	0	0	0	0
0.043954	0	0	0	0	0	0
0.079696	0	0	0	0	0	0
0.045649	0	0	0	0	0	0
0.099399	0	0	0	0	0	0
0.041501	0.01	0	0	0	0	0
0.113365	0	0	0	0	0	0
0.066789	0.11	0	0	0	0	0
0.110842	0	0	0	0	0	0
0.216625	0	0	0	0	0	0
0.001576	0	0	0	0	0	0
0.00508	0	0	0	0	0	0
0.004925	0.01	0	0	0	0	0
0.007572	0.02	0	6	0	0	6
0.008127	0.02	0	0	0	0	0
0.008836	0	2	0	0	0	2
0.003106	0	0	0	0	0	0
0.020606	0	0	0	0	0	0
0.003778	0	0	0	0	0	0
0.272233	0.18	0	0	0	0	0
0.041906	0	0	0	0	0	0
0.04833	0	0	0	0	0	0
0.032794	0	0	0	0	0	0

0.039071	0	0	0	0	0	0
0.032608	0	0	0	0	0	0
0.049658	0	0	0	0	0	0
0.03883	0	0	0	0	0	0
0.036846	0	0	0	0	0	0
0.022974	0	0	0	0	0	0
0.023991	0	0	0	0	0	0
0.025363	0	0	0	0	0	0
0.026529	0	0	0	0	0	0
0.019333	0	0	0	0	0	0
0.03938	0	0	0	0	0	0
0.033252	0	0	0	0	0	0
0.044246	0	0	0	0	0	0
0.2674	0.04	0	0	0	0	0
0.053027	0	0	0	0	0	0
0.034935	0	0	0	0	0	0
0.022282	0	0	0	0	0	0
0.037324	0	0	0	0	0	0
0.0335	0	0	0	0	0	0
0.02987	0	0	0	0	0	0
0.019488	0	0	0	0	0	0
0.028823	0	0	0	0	0	0
0.034932	0	0	0	0	0	0
0.027149	0	0	0	0	0	0
0.028224	0	0	0	0	0	0
0.04596	0	0	0	0	0	0
0.046662	0	0	0	0	0	0
0.032937	0	0	0	0	0	0
0.019181	0	0	0	0	0	0
0.025175	0	0	0	0	0	0
0.028527	0	0	0	0	0	0
0.01812	0	0	0	0	0	0
0.024428	0	0	0	0	0	0
0.108779	0	0	0	0	0	0
0.143046	0	0	0	0	0	0
0.019775	0	0	0	0	0	0
0.045744	0	0	0	0	0	0
0.667419	0	0	0	0	0	0
0.072947	0	0	0	0	0	0
0.010551	0	0	0	0	0	0
0.01856	0	0	0	0	0	0
0.021389	0	0	0	0	0	0
0.059615	0	0	0	0	0	0
0.051311	0	0	0	0	0	0
0.051036	0	0	0	0	0	0
0.047254	0	0	0	0	4	4
0.040693	0	4	0	0	0	4
0.044704	0	0	0	0	0	0
0.023948	0	0	0	0	0	0
0.030338	0	0	0	0	0	0

0.027926	0	0	0	0	0	0
0.024699	0	0	0	0	0	0
0.037696	0	0	0	0	0	0
0.03893	0	0	0	1	0	1
0.018624	0	0	0	0	0	0
0.035036	0	0	0	0	0	0
0.011661	0	0	0	0	0	0
0.013485	0	0	0	0	0	0
0.022617	0	0	0	0	0	0
0.017165	0	0	0	0	0	0
0.05867	0	0	0	0	0	0
0.026667	0	0	0	0	0	0
0.013867	0	0	0	0	0	0
0.006596	0	0	0	0	0	0
0.009224	0	0	0	0	0	0
0.008765	0	0	0	0	0	0
0.005077	0	0	0	0	0	0
0.007556	0	0	0	0	0	0
0.005579	0	0	0	0	0	0
0.005505	0	0	0	0	0	0
0.006843	0	0	0	0	0	0
0.083393	0.22	0	0	0	0	0
0.059689	0	0	0	0	0	0
0.019392	0	0	0	0	0	0
0.032589	0	0	0	0	0	0
0.017175	0	0	0	0	0	0
0.007385	0	0	0	0	0	0
0.009439	0	0	0	0	0	0
0.009538	0	0	0	0	0	0
0.01338	0	0	0	0	0	0
0.015313	0	0	0	0	0	0
0.010431	0	0	0	0	0	0
0.005565	0	0	0	0	0	0
0.039984	0	0	0	0	0	0
0.01964	0	0	0	0	0	0
0.159199	0	0	0	0	0	0
0.085396	0	0	0	0	0	0
0.040042	0	0	0	0	0	0
0.103242	0	0	0	0	0	0
0.096994	0	0	0	0	0	0
0.057572	0	0	0	0	0	0
0.033792	0	0	0	0	0	0
0.025566	0	0	0	0	0	0
0.012227	0	0	0	0	0	0
0.014044	0	0	0	0	0	0
0.009668	0	0	0	0	0	0
0.011194	0	0	0	0	0	0
0.010329	0	0	0	0	0	0
0.006158	0	0	0	0	0	0
0.015869	0	0	0	0	0	0



0.006856	0	0	0	0	0	0
0.020934	0	0	0	0	0	0
0.007886	0	0	0	0	0	0
0.005654	0	0	0	0	0	0
0.006026	0	0	0	0	0	0
0.005904	0	0	0	0	0	0
0.002668	0	0	0	0	0	0
0.011426	0	0	0	0	0	0
0.026423	0	0	0	0	0	0
0.007023	0	0	0	0	0	0
0.003036	0	0	0	0	0	0
0.00212	0	0	0	0	0	0
0.004558	0	0	0	0	0	0
0.020977	0	0	0	0	0	0
0.003981	0	0	0	0	0	0
0.005471	0	0	0	0	0	0
0.002653	0	0	0	0	0	0
0.003935	0	0	0	0	0	0
0.004434	0	0	0	0	0	0
0.00114	0	0	0	0	0	0
0.001902	0	0	0	0	0	0
0.004555	0	0	0	0	0	0
0.013347	0	0	5	0	0	5
0.003293	0	0	0	0	0	0
0.015868	0	0	0	0	0	0
0.014276	0	0	0	0	0	0
0.008464	0	0	0	0	0	0
0.014431	0	0	0	0	0	0
0.014993	0	0	0	0	0	0
0.020051	0	0	0	0	0	0
0.084693	0	0	0	0	0	0
0.030638	0	0	0	0	0	0
0.010416	0	0	0	0	0	0
0.015252	0	0	0	0	0	0
0.023838	0	0	0	0	0	0
0.015434	0	0	0	0	0	0
0.017433	0	0	0	0	0	0
0.022303	0	0	0	0	0	0
0.016908	0	0	0	0	0	0
0.02014	0	0	0	0	0	0
0.088837	0	0	0	0	0	0
0.071552	0	0	0	0	0	0
0.156179	0	0	0	0	0	0
0.061769	0	0	0	0	0	0
0.015894	0	0	0	0	0	0
0.03418	0	0	0	0	0	0
0.15846	0	0	0	0	0	0
0.0119	0	0	0	0	0	0
0.044118	0	0	0	0	0	0
0.031366	0	0	0	0	0	0

0.119576	0	0	0	0	0	0
0.05702	0	0	0	0	0	0
0.08305	0	0	0	0	0	0
0.114706	0	0	0	0	0	0
0.104245	0	0	0	0	0	0
0.11645	0	0	0	0	0	0
0.04188	0	0	0	0	0	0
0.057705	0	0	0	0	0	0
0.00689	0	0	0	0	0	0
0.013819	0	0	0	0	0	0
0.045131	0	0	0	0	2	2
0.007865	0	2	0	0	0	2
0.032535	0	0	0	0	2	2
0.019688	0	2	0	0	0	2
0.147942	0	0	0	0	0	0
0.19353	0	0	0	0	0	0
0.016573	0	0	0	0	0	0
0.019582	0	0	0	0	0	0
0.007642	0	0	0	0	0	0
0.100137	0	0	0	0	0	0
0.089444	0	0	0	0	0	0
0.043618	0	0	0	0	0	0
0.058428	0	0	0	0	0	0
0.024744	0	0	0	0	0	0
0.061318	0	0	0	0	0	0
0.016065	0	0	0	0	0	0
0.051207	0	0	0	0	0	0
0.058953	0	0	0	0	0	0
0.04043	0	0	0	0	0	0
0.029927	0	0	0	0	0	0
0.032867	0	0	0	0	0	0
0.025867	0	0	0	0	0	0
0.025576	0	0	0	0	0	0
0.028059	0	0	0	0	0	0
0.941804	0	0	0	0	0	0
0.183806	0	0	0	0	0	0
0.112085	0	0	0	0	0	0
0.039372	0	0	0	0	0	0
0.169847	0	0	0	0	0	0
0.13692	0	0	0	0	0	0
0.087701	0.01	0	0	0	0	0
0.170239	0	0	0	0	0	0
0.106391	0	0	0	0	0	0
0.225349	0	0	0	0	0	0
0.109473	0	0	0	0	0	0
0.013965	0	0	0	0	0	0
0.018227	0	0	0	0	0	0
0.01676	0	0	0	0	0	0
0.00869	0	0	0	0	0	0
0.017761	0	0	0	0	0	0

0.014707	0	0	0	0	0	0
0.011261	0	0	0	0	0	0
0.011621	0	0	0	0	0	0
0.016069	0	0	0	0	0	0
0.031014	0	0	0	0	0	0
0.004187	0	0	0	0	0	0
0.051189	0	0	0	0	0	0
0.108625	0.01	0	0	0	0	0
0.06532	0	0	0	0	0	0
0.046459	0	0	0	0	0	0
0.02417	0	0	0	0	0	0
0.04122	0	0	0	0	0	0
0.017556	0	0	0	0	0	0
0.064624	0	0	0	0	0	0
0.016818	0	0	0	0	0	0
0.009119	0	0	0	0	0	0
0.011061	0	0	0	0	0	0
0.016791	0	0	0	0	0	0
0.127298	0	0	0	0	0	0
0.052498	0	0	0	0	0	0
0.02594	0	0	0	0	0	0
0.016124	0	0	0	0	0	0
0.017951	0	0	0	0	0	0
0.01896	0	0	0	0	0	0
0.018126	0	0	0	0	0	0
0.100018	0	0	0	0	0	0
0.091571	0	0	0	0	0	0
0.076912	0	0	0	0	0	0
0.11701	0	0	0	0	0	0
0.018605	0	0	0	0	0	0
0.028242	0	0	0	0	0	0
0.037856	0	0	0	0	0	0
0.004463	0	0	0	0	0	0
0.004457	0	0	0	0	0	0
0.006554	0	0	0	0	0	0
0.007592	0	0	0	0	0	0
0.011351	0	0	0	0	0	0
0.03741	0	0	0	0	0	0
0.019498	0	0	0	0	0	0
0.009132	0	0	0	0	0	0
0.00819	0	0	0	0	0	0
0.016033	0	0	0	0	0	0
0.158956	0	0	0	0	0	0
0.042158	0	0	0	0	0	0
0.017908	0	0	0	0	0	0
0.015099	0	0	0	0	0	0
0.01517	0	0	0	0	0	0
0.016628	0	0	0	0	0	0
0.017288	0	0	0	0	0	0
0.01756	0	0	0	0	0	0

0.00859	0	0	0	0	0	0
0.070931	0	0	0	0	0	0
0.527763	0	0	0	0	0	0
0.084444	0	0	0	0	0	0
0.024388	0	0	0	0	0	0
0.019376	0	0	0	0	0	0
0.062812	0	0	0	0	0	0
0.049604	0	0	0	0	0	0
0.128764	0	0	0	0	0	0
0.032446	0	0	0	0	0	0
0.153606	0	0	0	0	0	0
0.037838	0	0	0	0	0	0
0.054038	0	0	0	0	0	0
0.215738	0	0	0	0	0	0
0.038813	0	0	0	0	0	0
0.1217	0	0	0	0	0	0
0.057327	0	0	0	0	0	0
0.429322	0	0	0	0	0	0
0.051906	0	0	0	0	0	0
0.027154	0	0	0	0	0	0
0.035288	0	0	0	0	0	0
0.031182	0	0	0	0	0	0
0.022189	0	0	0	0	0	0
0.014342	0	0	0	0	0	0
0.020437	0	0	0	0	0	0
0.02481	0	0	0	0	0	0
0.029197	0	0	0	0	0	0
0.043875	0	0	0	0	0	0
0.057369	0	0	0	0	0	0
0.052088	0	0	0	0	0	0
0.050186	0	0	0	0	0	0
0.026875	0	0	0	0	0	0
0.031032	0	0	0	0	0	0
0.044982	0	0	0	0	0	0
0.048955	0	0	0	0	0	0
0.048825	0	0	0	0	0	0
0.204067	0.04	0	0	0	0	0
0.022671	0	0	0	0	0	0
0.046152	0	0	0	0	0	0
0.020058	0	0	0	0	0	0
0.078102	0	0	0	0	0	0
0.025201	0	0	0	0	0	0
0.25513	0	0	0	0	0	0
0.185082	0	0	0	0	0	0
0.105506	0	0	0	0	0	0
0.170856	0	0	0	0	0	0
0.215521	0.01	0	0	0	0	0
0.227916	0	0	0	0	0	0
0.013826	0	0	0	0	0	0
0.029956	0	0	0	0	0	0

0.03327	0	0	0	0	0	0
0.007108	0	0	0	0	10	10
0.006694	0	10	0	0	0	10
0.004358	0	0	0	0	0	0
0.06093	0	0	0	0	0	0
0.043665	0	0	0	0	0	0
0.042834	0	0	0	0	0	0
0.045696	0	0	0	0	0	0
0.051456	0	0	0	0	0	0
0.097315	0	0	0	0	0	0
0.035904	0	0	0	0	0	0
0.051402	0	0	0	0	0	0
0.053028	0	0	0	0	0	0
0.049595	0	0	0	0	0	0
0.053577	0	0	0	0	0	0
0.051623	0	0	0	0	0	0
0.442753	0	0	0	0	0	0
0.502615	0	0	0	0	0	0
0.253605	0	0	0	0	0	0
0.049973	0	0	0	0	0	0
0.340181	0	0	0	0	0	0
0.111699	0	0	0	0	0	0
0.002793	0	0	0	0	0	0
0.004209	0	0	0	0	0	0
0.009666	0	0	5	0	0	5
0.005179	0	0	0	0	0	0
0.016025	0	0	0	0	0	0
0.01198	0	0	0	0	0	0
0.006647	0	0	0	0	0	0
0.005893	0	0	0	0	0	0
0.022857	0	0	0	0	0	0
0.002615	0	0	0	0	0	0
0.002999	0	0	0	0	0	0
0.003041	0	0	0	0	0	0
0.002074	0	0	0	0	0	0
0.001347	0	0	0	0	0	0
0.001153	0	0	0	0	0	0
0.001726	0	0	0	0	0	0
0.043269	0	0	0	0	0	0
0.097661	0	0	0	0	0	0
0.045329	0	0	0	0	0	0
0.063494	0	0	0	0	0	0
0.060661	0	0	0	0	0	0
0.088503	0	0	0	0	0	0
0.063429	0	0	0	0	0	0
0.025663	0	0	0	0	0	0
0.028173	0	0	0	0	0	0
0.072837	0	0	0	0	0	0
0.069219	0	0	0	0	0	0
0.15391	0	0	0	0	0	0

0.075868	0	0	0	0	0	0
0.029209	0	0	0	0	0	0
0.016717	0	0	0	0	0	0
0.068925	0	0	0	0	0	0
0.068306	0	0	0	0	0	0
0.044555	0	0	0	0	0	0
0.059736	0	0	0	0	0	0
0.068096	0	0	0	0	0	0
0.050979	0	0	0	0	0	0
0.05999	0	0	0	0	0	0
0.055687	0	0	0	0	0	0
0.052202	0	0	0	0	0	0
0.021254	0	0	0	0	0	0
0.027615	0	0	0	0	0	0
0.074963	0	0	0	0	0	0
0.037305	0	0	0	0	0	0
0.029038	0	0	0	0	0	0
0.442633	0	0	0	0	0	0
0.056335	0	0	0	0	4	4
0.0452	0	4	0	0	0	4
0.022682	0	0	0	0	0	0
0.023988	0	0	0	0	0	0
0.020326	0	0	0	0	0	0
0.025482	0	0	0	0	0	0
0.027212	0	0	0	0	0	0
0.053587	0	0	0	0	0	0
0.063221	0	0	0	0	0	0
0.0608	0	0	0	0	0	0
0.057492	0	0	0	0	0	0
0.034946	0	0	0	0	0	0
0.036677	0	0	0	0	0	0
0.023471	0	0	0	0	0	0
0.033731	0	0	0	0	0	0
0.012869	0	0	0	0	0	0
0.019045	0	0	0	0	0	0
0.045051	0	0	0	0	0	0
0.044726	0	0	0	0	0	0
0.02854	0	0	0	0	0	0
0.038248	0	0	0	0	0	0
0.006466	0	0	0	0	0	0
0.141128	0	0	0	0	0	0
0.06543	0	0	0	0	0	0
0.059532	0	0	0	0	0	0
0.007842	0	0	0	0	0	0
0.014323	0	0	0	0	0	0
0.042972	0	0	0	0	0	0
0.026295	0	0	0	0	0	0
0.028182	0	0	0	0	0	0
0.048001	0	0	0	0	0	0
0.150925	0	0	0	0	0	0

0.042598	0	0	0	0	0	0
0.073286	0	0	0	0	0	0
0.173454	0	0	0	0	0	0
0.032594	0	0	0	0	0	0
0.064977	0	0	0	0	0	0
0.097765	0	0	0	0	0	0
0.211946	0	0	0	0	0	0
0.101626	0	0	0	0	0	0
0.068325	0	0	0	0	0	0
0.049511	0	0	0	0	0	0
0.059098	0	0	0	0	0	0
0.047783	0	0	0	0	0	0
0.100955	0	0	0	0	0	0
0.048228	0	0	0	0	0	0
0.049003	0	0	0	0	0	0
0.064675	0	0	0	0	0	0
0.533251	0.27	0	0	0	0	0
0.049962	0	0	0	0	0	0
0.033848	0	0	0	0	0	0
0.049015	0	0	0	0	0	0
0.034031	0	0	0	0	0	0
0.050009	0	0	0	0	0	0
0.070263	0	0	0	0	0	0
0.138426	0	0	0	0	0	0
0.065181	0	0	0	0	0	0
0.06437	0	0	0	0	0	0
0.039451	0	0	0	0	0	0
0.037091	0	0	0	0	0	0
0.023707	0	0	0	0	0	0
0.055249	0	0	0	0	0	0
0.045414	0	0	0	0	0	0
0.03548	0	0	0	0	0	0
0.040994	0	0	0	0	0	0
0.044074	0	0	0	0	0	0
0.025685	0	0	0	0	0	0
0.040602	0	0	0	0	0	0
0.110266	0	0	0	0	0	0
0.040227	0	0	0	0	0	0
0.126126	0	0	0	0	0	0
0.1356	0	0	0	3	0	3
0.020117	0	0	0	0	0	0
0.016289	0	0	0	0	0	0
0.020125	0	0	0	0	0	0
0.021739	0	0	0	0	0	0
0.016778	0	0	0	0	0	0
0.026883	0	0	0	0	0	0
0.012205	0	0	0	0	0	0
0.011441	0	0	0	0	0	0
0.021106	0	0	0	0	0	0
0.157287	0	0	0	0	0	0

0.294506	0.03	0	0	0	0	0
0.006782	0	0	0	0	0	0
0.260231	0	0	0	0	0	0
0.039764	0	0	0	0	0	0
0.036921	0	0	0	0	0	0
0.045226	0	0	0	0	0	0
0.042026	0	0	0	0	0	0
0.041944	0	0	0	0	0	0
0.010146	0	0	0	0	0	0
0.016265	0	0	0	0	0	0
0.033295	0	0	0	0	0	0
0.053083	0	0	0	0	0	0
0.011345	0	0	0	0	0	0
0.022294	0	0	0	0	0	0
0.077558	0	0	0	0	0	0
0.068902	0	0	0	0	0	0
0.201276	0	0	0	0	0	0
0.039069	0	0	0	0	0	0
0.020052	0	0	0	0	0	0
0.016395	0	0	0	0	0	0
0.01358	0	0	0	0	0	0
0.041479	0	0	0	0	0	0
0.042387	0	0	0	0	0	0
0.030681	0	0	0	0	0	0
0.060211	0	0	0	0	0	0
0.019441	0	0	0	0	0	0
0.006117	0	0	0	0	0	0
0.004595	0	0	0	0	0	0
0.007065	0	0	0	0	0	0
0.015789	0	0	1	0	0	1
0.016642	0	0	0	0	0	0
0.020728	0	0	0	0	0	0
0.021551	0	0	0	0	0	0
0.014009	0	0	0	0	0	0
0.011695	0	0	0	0	0	0
0.028294	0	0	0	0	0	0
0.019681	0	0	0	0	0	0
0.01031	0	0	0	0	0	0
0.006314	0	0	0	0	0	0
0.010846	0	0	0	0	0	0
0.013732	0	0	0	0	0	0
0.010232	0	0	0	0	0	0
0.010522	0	0	0	0	0	0
0.008505	0	0	0	0	0	0
0.008289	0	0	0	0	0	0
0.016028	0	0	0	0	0	0
0.008262	0	0	0	0	0	0
0.014569	0	0	0	0	0	0
0.00785	0	0	0	0	0	0
0.008508	0	0	0	0	0	0



0.006429	0	0	0	0	0	0
0.006751	0	0	0	0	0	0
0.006831	0	0	0	0	8	8
0.038206	0	8	0	0	0	8
0.118449	0	0	0	0	0	0
0.004085	0	0	0	0	0	0
0.003664	0	0	0	0	0	0
0.012298	0	0	0	0	0	0
0.017509	0	0	0	0	0	0
0.015559	0	0	0	0	0	0
0.00648	0	0	0	0	0	0
0.008794	0	0	0	0	0	0
0.008581	0	0	0	0	0	0
0.006516	0	0	0	0	0	0
0.00996	0	0	0	0	0	0
0.019903	0	0	0	0	0	0
0.029222	0	0	0	0	0	0
0.024895	0	0	0	0	0	0
0.00957	0	0	0	0	0	0
0.069142	0.03	0	0	0	0	0
0.02348	0	0	0	0	0	0
0.032526	0	0	0	0	0	0
0.020577	0	0	0	0	0	0
0.010509	0	0	0	0	0	0
0.013854	0	0	0	0	0	0
0.007002	0	0	0	0	0	0
0.012831	0	0	0	0	0	0
0.02071	0	0	0	0	0	0
0.187637	0	0	0	0	0	0
0.041727	0	0	0	0	0	0
0.038735	0	0	0	0	0	0
0.022723	0	0	0	0	3	3
0.003679	0	3	0	3	5	11
0.010009	0	5	0	0	0	5
0.007687	0	0	0	0	0	0
0.028945	0	0	0	0	0	0
0.009974	0	0	0	0	0	0
0.009281	0	0	0	0	0	0
0.030444	0	0	0	0	0	0
0.033456	0	0	0	0	0	0
0.029556	0	0	0	0	0	0
0.018194	0	0	0	0	0	0
0.022344	0	0	0	0	0	0
0.013824	0	0	0	0	0	0
0.021015	0	0	0	0	0	0
0.039164	0	0	0	0	0	0
0.174626	0	0	0	0	0	0
0.03931	0	0	0	0	0	0
0.138989	0	0	0	0	0	0
0.051893	0	0	0	0	0	0

0.04048	0	0	0	0	0	0
0.01904	0	0	0	0	0	0
0.028804	0	0	0	0	0	0
0.082085	0	0	0	0	0	0
0.023746	0	0	0	0	0	0
0.016133	0	0	0	0	0	0
0.030834	0	0	0	0	0	0
0.006219	0	0	0	0	0	0
0.004856	0	0	0	0	0	0
0.013918	0	0	0	0	0	0
0.023838	0	0	0	0	0	0
0.001132	0	0	0	0	0	0
0.014908	0	0	0	0	0	0
0.002866	0	0	0	0	0	0
0.023904	0	0	0	0	0	0
0.027822	0	0	0	0	0	0
0.02563	0	0	0	0	0	0
0.025705	0	0	0	0	0	0
0.063211	0.34	0	0	0	0	0
0.043467	0.25	0	0	0	0	0
0.047636	0	0	0	0	0	0
0.045561	0	0	0	0	0	0
0.00814	0.03	0	2	0	0	2
0.002318	0	0	0	0	0	0
0.004305	0	0	0	0	0	0
0.003121	0	0	0	0	0	0
0.042311	0	0	0	0	0	0
0.037682	0	0	0	0	0	0
0.023614	0	0	0	0	0	0
0.021197	0	0	0	0	0	0
0.021546	0	0	0	0	0	0
0.022512	0	0	0	0	0	0
0.017139	0	0	0	0	0	0
0.011336	0	0	0	0	0	0
0.023773	0	0	0	0	0	0
0.036947	0	0	0	0	0	0
0.00599	0	0	0	0	0	0
0.079455	0	0	0	0	0	0
0.057949	0	0	0	0	0	0
0.024703	0	0	0	0	0	0
0.048323	0	0	0	0	0	0
0.033681	0	0	0	0	0	0
0.05837	0	0	0	0	0	0
0.016141	0	0	0	0	0	0
0.04467	0	0	0	0	0	0
0.038722	0	0	0	0	0	0
0.052059	0	0	0	0	0	0
0.048652	0	0	0	0	0	0
0.079388	0	0	0	0	0	0
0.109824	0	0	0	0	0	0

0.026088	0	0	0	0	0	0
0.018842	0	0	0	0	0	0
0.010415	0	0	0	0	0	0
0.042628	0.02	0	0	0	0	0
0.057627	0.01	0	0	0	0	0
0.060844	0.02	0	0	0	0	0
0.023697	0	0	0	0	0	0
0.034469	0	0	0	0	0	0
0.062311	0	0	0	0	0	0
0.002624	0	0	0	0	0	0
0.000739	0	0	0	0	0	0
0.00121	0	0	0	0	0	0
0.001159	0	0	0	0	0	0
0.000947	0	0	0	0	0	0
0.001386	0	0	0	0	0	0
0.008785	0	0	0	0	0	0
0.040583	0	0	0	0	0	0
0.036572	0	0	0	0	0	0
0.010136	0	0	0	0	0	0
0.020665	0.01	0	0	0	0	0
0.136601	0	0	0	0	0	0
0.068495	0	0	0	0	0	0
0.017604	0	0	0	0	0	0
0.01623	0	0	0	0	0	0
0.033652	0	0	0	0	0	0
0.008999	0	0	0	0	0	0
0.014527	0.04	0	0	0	0	0
0.157303	0	0	0	0	0	0
0.069386	0	0	0	0	0	0
0.046138	0	0	0	0	0	0
0.036025	0	0	0	0	0	0
0.030545	0	0	0	0	0	0
0.029077	0	0	0	0	0	0
0.00359	0	0	0	0	0	0
0.002044	0	0	0	0	0	0
0.00212	0	0	0	0	0	0
0.003083	0	0	0	0	0	0
0.002205	0	0	0	0	0	0
0.012254	0	0	0	0	0	0
0.007754	0	0	0	0	0	0
0.756762	0.14	0	0	0	0	0
0.012361	0	0	6	0	0	6
0.005448	0	0	0	0	0	0
0.006433	0	0	0	0	0	0
0.004424	0	0	0	0	0	0
0.003065	0	0	0	0	0	0
0.00459	0	0	0	0	0	0
0.007256	0	0	0	0	0	0
0.004041	0	0	0	0	0	0
0.006099	0	0	0	0	0	0

0.211831	0	0	0	0	0	0
0.137541	0	0	0	0	0	0
0.128012	0	0	0	0	0	0
0.010085	0	0	0	0	0	0
0.02303	0	0	0	0	0	0
0.072858	0	0	0	0	0	0
0.01003	0	0	0	0	0	0
0.114752	0.26	0	0	0	0	0
0.432437	0.07	0	0	0	0	0
0.285133	0.24	0	0	0	0	0
0.230216	0.2	0	0	0	0	0
0.003755	0	0	0	0	0	0
0.005584	0	0	0	0	0	0
0.007758	0	0	0	0	0	0
0.0048	0	0	0	0	0	0
0.009062	0	0	0	0	0	0
0.043567	0.06	0	0	0	0	0
0.141115	0.21	0	0	0	0	0
0.02071	0	0	0	0	0	0
0.023459	0	0	0	0	0	0
0.080353	0	0	0	0	0	0
0.026428	0	0	0	0	0	0
0.03884	0	0	0	0	0	0
0.027667	0	0	0	0	0	0
0.023161	0	0	0	0	0	0
0.033861	0	0	0	0	0	0
0.02593	0	0	0	0	0	0
0.013186	0	0	0	0	0	0
0.020226	0	0	0	0	0	0
0.973894	0	0	0	0	0	0
0.008736	0	0	0	0	0	0
0.107014	0	0	0	0	0	0
0.005909	0	0	0	0	0	0
0.118211	0	0	0	0	0	0
0.104156	0	0	0	0	0	0
0.012688	0	0	0	0	0	0
0.07996	0	0	0	0	0	0
0.084491	0	0	0	0	0	0
0.020693	0	0	0	0	0	0
0.111048	0	0	0	0	0	0
0.037438	0	0	0	0	0	0
0.05785	0	0	0	0	0	0
0.067695	0	0	0	0	0	0
0.062018	0	0	0	0	0	0
0.059533	0	0	0	0	0	0
0.049744	0	0	0	0	0	0
0.067647	0	0	0	0	0	0
0.04879	0	0	0	0	0	0
0.054721	0	0	0	0	0	0
0.033892	0	0	0	0	0	0

0.016713	0	0	0	0	0	0
0.015658	0	0	0	0	0	0
0.017358	0	0	0	0	0	0
0.035652	0	0	0	0	0	0
0.753861	0.23	0	0	0	0	0
0.051477	0	0	0	0	0	0
0.029419	0	0	0	0	0	0
0.029875	0	0	0	0	0	0
0.034735	0	0	0	0	0	0
0.035667	0	0	0	0	0	0
0.046904	0	0	0	0	0	0
0.002847	0	0	0	0	0	0
0.00155	0	0	0	0	0	0
0.001885	0	0	0	0	0	0
0.001612	0	0	0	0	0	0
0.001842	0	0	0	0	0	0
0.003982	0	0	0	0	0	0
0.019991	0	0	0	0	0	0
0.17115	0	0	0	0	0	0
0.023293	0	0	0	0	0	0
0.008626	0	0	0	0	0	0
0.023387	0	0	0	0	0	0
0.019129	0	0	0	0	0	0
0.011313	0	0	0	0	0	0
0.008082	0	0	0	0	0	0
0.012559	0	0	0	0	0	0
0.009393	0	0	0	0	0	0
0.00672	0	0	0	0	0	0
0.01626	0	0	0	0	0	0
0.009689	0	0	0	0	0	0
0.004758	0	0	0	0	0	0
0.013239	0	0	0	0	0	0
0.047864	0	0	0	0	0	0
0.019192	0	0	0	0	0	0
0.006621	0	0	0	0	0	0
0.020184	0	0	0	0	0	0
0.010794	0	0	0	0	0	0
0.017153	0	0	0	0	0	0
0.007033	0	0	0	0	0	0
0.041387	0	0	0	0	0	0
0.03328	0	0	0	0	0	0
0.030457	0	0	0	0	0	0
0.031547	0	0	0	0	0	0
0.059563	0	0	0	0	0	0
0.013907	0	0	0	0	0	0
0.018451	0	0	0	0	0	0
0.043512	0	0	0	0	0	0
0.014453	0	0	0	0	0	0
0.026429	0	0	0	0	0	0
0.030143	0	0	0	0	0	0

0.020735	0	0	0	0	0	0
0.016612	0	0	0	0	0	0
0.015501	0	0	0	0	0	0
0.019709	0	0	0	0	0	0
0.012332	0	0	0	0	0	0
0.039903	0	0	0	0	0	0
0.515909	0.08	0	0	0	0	0
0.365809	0.23	0	0	9	10	19
0.010848	0	0	0	0	0	0
0.012997	0	0	0	0	0	0
0.009255	0	0	0	0	0	0
0.013777	0	0	0	0	0	0
0.020727	0	0	0	0	0	0
0.008287	0	0	0	0	0	0
0.013732	0	0	0	0	0	0
0.066574	0	0	0	0	0	0
0.049376	0	0	0	0	0	0
0.013635	0	0	0	0	0	0
0.008685	0	0	0	0	0	0
0.008943	0	0	0	0	0	0
0.010159	0	0	0	0	0	0
0.008969	0	0	0	0	0	0
0.009476	0	0	0	0	0	0
0.020169	0	0	0	0	0	0
0.011672	0	0	0	0	0	0
0.016777	0	0	0	0	0	0
0.010401	0	0	0	0	0	0
0.018896	0	0	0	0	0	0
0.012198	0	0	0	0	0	0
0.012527	0	0	0	0	0	0
0.014828	0	0	0	0	0	0
0.014218	0	0	0	0	0	0
0.010833	0	0	0	0	0	0
0.008939	0	0	0	0	0	0
0.012258	0	0	0	0	0	0
0.006398	0	0	0	0	0	0
0.00443	0	0	0	0	0	0
0.008291	0	0	0	0	0	0
0.061718	0	0	0	0	0	0
0.005234	0	0	0	0	0	0
0.027783	0	0	0	0	0	0
0.008505	0	0	0	0	0	0
0.014076	0	0	0	0	0	0
0.012042	0	0	0	0	0	0
0.017009	0	0	0	0	0	0
0.033442	0	0	0	0	0	0
0.020002	0	0	0	0	0	0
0.027731	0	0	0	0	0	0
0.020481	0	0	0	0	0	0
0.010563	0	0	0	0	0	0

0.010095	0	0	0	0	0	0
0.050319	0	0	0	0	0	0
0.042687	0	0	0	0	0	0
0.143584	0	0	0	0	0	0
0.042984	0	0	0	0	0	0
0.032537	0	0	0	0	0	0
0.069692	0.01	0	0	0	0	0
0.066356	0	0	0	0	0	0
0.017916	0	0	0	0	0	0
0.02779	0	0	0	0	0	0
0.057741	0	0	0	0	0	0
0.116186	0	0	0	0	0	0
0.108721	0	0	0	0	0	0
0.054725	0	0	0	0	0	0
0.05073	0	0	0	0	0	0
0.074351	0	0	0	0	0	0
0.055807	0	0	0	0	0	0
0.253322	0	0	0	0	0	0
0.068276	0	0	0	0	0	0
0.033454	0	0	0	0	0	0
0.014202	0	0	0	0	0	0
0.019295	0	0	0	0	0	0
0.01675	0	0	0	0	0	0
0.029555	0	0	0	0	0	0
0.032431	0	0	0	0	0	0
0.014762	0	0	0	0	0	0
0.013068	0	0	0	0	0	0
0.007585	0	0	0	0	0	0
0.006363	0	0	0	0	0	0
0.01449	0	0	0	0	0	0
0.014853	0	0	0	0	0	0
0.020966	0	0	0	0	0	0
0.022312	0	0	0	0	0	0
0.019092	0	0	0	0	0	0
0.024728	0	0	0	0	0	0
0.018391	0	0	0	0	0	0
0.013395	0	0	0	0	0	0
0.013928	0	0	0	0	0	0
0.021559	0	0	0	0	0	0
0.080048	0	0	0	0	0	0
0.043811	0	0	0	0	0	0
0.035792	0	0	0	0	0	0
0.048678	0	0	0	0	0	0
0.047834	0	0	0	0	0	0
0.054224	0	0	0	0	0	0
0.040169	0	0	0	0	0	0
0.028665	0	0	0	0	0	0
0.021357	0	0	0	0	0	0
0.024949	0	0	0	0	0	0
0.026126	0	0	0	0	0	0

0.028923	0	0	0	0	0	0
0.036166	0	0	0	0	0	0
0.023177	0	0	0	0	0	0
0.020897	0	0	0	0	0	0
0.018602	0	0	0	0	0	0
0.034267	0	0	0	0	0	0
0.039928	0	0	0	0	0	0
0.037885	0	0	0	0	0	0
0.030327	0	0	0	0	0	0
0.014982	0	0	0	0	0	0
0.0086	0	0	0	0	0	0
0.010097	0	0	0	0	0	0
0.014398	0	0	0	0	0	0
0.009564	0	0	0	0	0	0
0.01696	0	0	0	0	0	0
0.016354	0	0	0	0	0	0
0.052815	0	0	0	0	0	0
0.045867	0	6	0	0	0	6
0.009556	0	0	0	0	0	0
0.010512	0	0	0	0	0	0
0.009275	0	0	0	0	0	0
0.006832	0	0	0	0	0	0
0.017987	0	0	0	0	0	0
0.012509	0	0	0	0	0	0
0.052435	0	0	0	0	0	0
0.124887	0	0	0	0	0	0
0.060259	0	0	0	0	0	0
0.076156	0	0	0	0	0	0
0.040198	0	0	0	0	0	0
0.013581	0	0	0	0	0	0
0.012348	0	0	0	0	0	0
0.004691	0	0	0	0	0	0
0.004551	0	0	0	0	0	0
0.003898	0	0	0	0	0	0
0.000794	0	0	0	0	0	0
0.001125	0	0	0	0	0	0
0.001816	0	0	0	0	0	0
0.000229	0	0	0	0	0	0
0.002143	0	0	0	0	0	0
0.001154	0	0	0	0	0	0
0.000479	0	0	0	0	0	0
0.033794	0	0	0	0	0	0
0.038164	0	0	0	0	0	0
0.026388	0	0	0	0	0	0
0.040518	0	0	0	0	0	0
0.03641	0	0	0	0	0	0
0.035942	0	0	0	0	0	0
0.071895	0	0	0	0	0	0
0.027677	0	0	0	0	0	0
0.022559	0	0	0	0	0	0



0.013368	0	0	0	0	0	0
0.021581	0	0	0	0	0	0
0.095481	0	0	0	0	0	0
0.022035	0	0	0	0	0	0
0.017479	0	0	0	0	0	0
0.023067	0	0	0	0	0	0
0.024162	0	0	0	0	0	0
0.034429	0	0	0	0	0	0
0.037271	0	0	0	0	0	0
0.038467	0	0	0	0	0	0
0.026978	0	0	0	0	0	0
0.023223	0	0	0	0	0	0
0.022737	0	0	0	0	0	0
0.02331	0	0	0	0	0	0
0.013048	0	0	0	0	0	0
0.011647	0	0	0	0	0	0
0.012564	0	0	0	0	0	0
0.01205	0	0	0	0	0	0
0.014383	0	0	0	0	0	0
0.02385	0	0	0	0	0	0
0.008527	0	0	0	0	0	0
0.009361	0	0	0	0	0	0
0.00772	0	0	0	0	0	0
0.03597	0	0	0	0	0	0
0.005299	0	0	0	0	0	0
0.010713	0	0	0	0	0	0
0.044385	0	0	0	0	0	0
0.005206	0	0	0	0	0	0
0.03636	0	0	0	0	0	0
0.053829	0	0	0	0	0	0
0.035588	0	0	0	0	0	0
0.022125	0	0	0	0	0	0
0.027183	0	0	0	0	0	0
0.024525	0	0	0	0	0	0
0.018467	0	0	0	0	0	0
0.019223	0	0	0	0	0	0
0.014901	0	0	0	0	0	0
0.015855	0	0	0	0	0	0
0.02972	0	0	0	0	0	0
0.021689	0	0	0	0	0	0
0.015475	0	0	0	0	0	0
0.013586	0	0	0	0	0	0
0.025648	0	0	0	0	0	0
0.020802	0	0	0	0	0	0
0.027175	0	0	0	0	0	0
0.027833	0	0	0	0	0	0
0.024173	0	0	0	0	0	0
0.092531	0	0	0	0	0	0
0.041756	0	0	0	0	0	0
0.058233	0	0	0	0	0	0

0.028912	0	0	0	0	0	0
0.033923	0	0	0	0	0	0
0.026348	0	0	0	0	0	0
0.091285	0	0	0	0	0	0
0.048502	0	0	0	0	0	0
0.021134	0	0	0	0	0	0
0.019146	0	0	0	0	0	0
0.011876	0	0	0	0	0	0
0.01775	0	0	0	0	0	0
0.008052	0	0	0	0	0	0
0.007597	0	0	0	0	0	0
0.052267	0	0	0	0	0	0
0.032946	0	0	0	0	0	0
0.046744	0	0	0	0	0	0
0.052562	0	0	0	0	0	0
0.046871	0	0	0	0	0	0
0.024812	0.02	0	0	0	0	0
0.036556	0	0	0	0	0	0
0.056956	0	0	0	0	0	0
0.023944	0	0	0	0	0	0
0.036742	0	0	0	0	0	0
0.021282	0	0	0	0	0	0
0.02105	0	0	0	0	0	0
0.025836	0	0	0	0	0	0
0.036681	0	0	0	0	0	0
0.029956	0	0	0	0	0	0
0.001643	0	0	0	0	0	0
0.014861	0	0	0	0	0	0
0.009011	0	0	0	0	0	0
0.009442	0	0	0	0	0	0
0.021993	0	0	0	0	0	0
0.005678	0	0	0	0	0	0
0.013314	0	0	0	0	0	0
0.168098	0	0	0	0	0	0
0.019284	0	0	0	0	0	0
0.051056	0	0	0	0	0	0
0.012849	0	0	0	0	0	0
0.38051	0	0	0	0	0	0
0.056831	0	0	0	0	0	0
0.058343	0	0	0	0	0	0
0.051067	0	0	0	0	0	0
0.059489	0	0	0	0	0	0
0.046451	0	0	0	0	0	0
0.125397	0	0	0	0	0	0
0.046048	0	0	0	0	0	0
0.069584	0	0	0	0	0	0
0.079663	0	0	0	0	0	0
0.032063	0	0	0	0	0	0
0.058036	0	0	0	0	0	0
0.056976	0	0	0	0	0	0

0.05127	0	0	0	0	0	0
0.064804	0	0	0	0	0	0
0.011278	0	0	0	0	0	0
0.010794	0	0	0	0	0	0
0.005834	0	0	0	0	0	0
0.045618	0	0	0	0	0	0
0.014054	0	0	0	0	0	0
0.006814	0	0	0	0	0	0
0.006481	0	0	0	0	0	0
0.004637	0	0	0	0	0	0
0.018894	0.04	0	0	0	0	0
0.002656	0	0	0	0	0	0
0.005057	0	0	0	0	0	0
0.007854	0	0	0	0	0	0
0.006991	0	0	0	0	0	0
0.009917	0	0	0	0	0	0
0.006859	0	0	0	0	0	0
0.00515	0	0	0	0	0	0
0.007565	0	0	0	0	0	0
0.006931	0	0	0	0	0	0
0.013794	0	0	0	0	0	0
0.050699	0	0	0	0	0	0
0.028808	0	0	0	0	0	0
0.357737	0	0	0	0	0	0
0.088656	0	0	0	0	0	0
0.045329	0	0	0	0	0	0
0.066881	0	0	0	0	0	0
0.033053	0	0	0	0	0	0
0.040128	0	0	0	0	0	0
0.026261	0	0	0	0	0	0
0.026011	0	0	0	0	0	0
0.062557	0	0	0	0	0	0
0.064371	0	0	0	0	0	0
0.056862	0	0	0	0	0	0
0.235232	0	0	0	0	0	0
0.127169	0	0	0	0	0	0
0.052255	0	0	0	0	0	0
0.217299	0	0	0	0	0	0
0.056778	0	0	0	0	0	0
0.017441	0	0	0	0	0	0
0.020577	0	0	0	0	0	0
0.012035	0	0	0	0	0	0
0.076686	0	0	0	0	0	0
0.010635	0	0	0	0	0	0
0.042655	0	0	0	0	0	0
0.020997	0	0	0	0	0	0
0.01428	0	0	0	0	0	0
0.021804	0	0	0	0	0	0
0.014256	0	0	0	0	0	0
0.022927	0	0	0	0	0	0

0.148852	0	0	0	0	0	0
0.048961	0	0	0	0	0	0
0.18423	0.31	0	0	0	0	0
0.010833	0.01	0	0	0	0	0
0.036861	0	0	0	0	0	0
0.047834	0	0	0	0	0	0
0.056711	0	0	0	0	0	0
0.042443	0	0	0	0	0	0
0.055969	0	0	0	0	0	0
0.03337	0	0	0	0	0	0
0.950056	0	0	5	0	0	5
0.065692	0	0	0	0	0	0
0.026466	0	0	0	0	0	0
0.012825	0	0	0	0	0	0
0.015704	0	0	0	0	0	0
0.013998	0	0	0	0	0	0
0.00774	0	0	0	0	0	0
0.022222	0	0	0	0	0	0
0.015601	0	0	0	0	0	0
0.020916	0	0	0	0	0	0
0.016077	0	0	0	0	0	0
0.02838	0	0	0	0	0	0
0.015584	0	0	0	0	0	0
0.010295	0	0	0	0	0	0
0.014079	0	0	0	0	0	0
0.891693	0	0	0	0	0	0
0.070146	0	0	0	0	0	0
0.044529	0	0	0	0	0	0
0.047185	0	0	0	0	0	0
0.043141	0	0	0	0	0	0
0.046484	0	0	0	0	0	0
0.034513	0	0	0	0	0	0
0.027457	0	0	0	0	0	0
0.088829	0	0	3	0	0	3
0.039033	0	0	0	0	0	0
0.057417	0	0	0	0	0	0
0.078402	0	0	0	0	0	0
0.023606	0	0	0	0	0	0
0.637301	0.16	0	5	0	0	5
0.407572	0	0	0	0	0	0
0.055555	0	0	0	0	0	0
0.062958	0	0	0	0	0	0
0.045347	0	0	0	0	0	0
0.040868	0	0	0	0	0	0
0.041771	0	0	0	0	0	0
0.048783	0	0	0	0	0	0
0.056853	0	0	0	0	0	0
0.066895	0	0	0	0	0	0
0.043311	0	0	0	0	0	0
0.036554	0	0	0	0	0	0

0.166421	0	0	0	0	0	0
0.059781	0	0	0	0	0	0
0.047233	0	0	0	0	0	0
0.055199	0	0	0	0	0	0
0.040225	0	0	0	0	0	0
0.0578	0	0	0	0	0	0
0.02763	0	0	0	0	0	0
0.054989	0	0	0	0	0	0
0.042958	0	0	0	0	0	0
0.035247	0	0	0	0	0	0
0.0355	0	0	0	0	0	0
0.046019	0	0	0	0	0	0
0.152052	0	0	0	0	0	0
0.030559	0	0	0	0	0	0
0.026458	0	0	0	0	0	0
0.050874	0	0	0	0	0	0
0.0179	0	0	0	0	0	0
0.02064	0	0	0	0	0	0
0.026212	0	0	0	0	0	0
0.040485	0	0	0	0	0	0
0.06223	0	0	0	0	0	0
0.081497	0	0	0	0	0	0
0.095498	0	0	0	0	0	0
0.044417	0	0	0	0	0	0
0.052708	0	0	0	0	0	0
0.049544	0	0	0	0	0	0
0.058947	0	0	0	0	0	0
0.05928	0	0	0	0	0	0
0.053424	0	0	0	0	0	0
0.055137	0	0	0	0	0	0
0.020551	0	0	0	0	0	0
0.028302	0	0	0	0	0	0
0.015948	0	0	0	0	0	0
0.01393	0	0	0	0	10	10
0.020358	0	10	0	0	0	10
0.018402	0	0	0	0	0	0
0.019319	0	0	6	6	7	19
0.025784	0	7	0	0	0	7
0.023486	0	0	3	0	2	5
0.016018	0	2	0	0	10	12
0.015796	0	10	0	0	1	11
0.028379	0	1	0	0	0	1
0.189533	0.17	0	0	0	17	17
0.316491	0.1	17	0	5	8	30
0.088265	0	0	9	9	0	18
0.055926	0	0	0	0	12	12
0.051676	0	12	0	0	0	12
0.042274	0	0	0	0	1	1
0.045863	0	1	0	0	0	1
0.051379	0	0	0	0	0	0

0.035055	0	0	0	0	0	0
0.037874	0	0	0	9	20	29
0.02548	0	20	0	0	0	20
0.043992	0	0	0	8	0	8
0.053881	0	0	0	0	0	0
0.02063	0	0	0	0	0	0
0.028585	0	0	0	0	0	0
0.033637	0	0	0	0	0	0
0.041397	0	0	0	0	0	0
0.04387	0	0	0	7	3	10
0.054477	0	3	9	9	0	21
0.062335	0	0	0	0	0	0
0.07194	0	0	0	0	14	14
0.05707	0	14	0	0	0	14
0.134424	0	14	3	6	0	23
0.03348	0	0	0	0	0	0
0.035437	0	0	0	0	0	0
0.047928	0	0	0	0	0	0
0.044246	0	5	0	0	6	11
0.046925	0	6	0	0	0	6
0.05119	0	11	0	0	0	11
0.035773	0	0	0	0	0	0
0.023249	0	0	0	0	0	0
0.031076	0	0	0	0	0	0
0.028107	0	0	0	0	0	0
0.432507	0.06	0	0	0	0	0
0.033131	0	0	0	0	0	0
0.046347	0	0	0	0	0	0
0.032546	0	0	0	0	0	0
0.037906	0	0	0	0	0	0
0.048418	0	0	0	0	2	2
0.063068	0	2	0	0	0	2
0.018506	0	12	6	6	24	48
0.048763	0	0	0	0	0	0
0.031953	0	0	0	0	5	5
0.022438	0	5	0	0	0	5
0.054221	0	0	0	0	0	0
0.045491	0	0	0	0	4	4
0.08351	0	4	0	0	0	4
0.040745	0	0	0	0	2	2
0.046806	0	2	0	0	0	2
0.044204	0	0	0	0	0	0
0.043996	0	0	0	0	0	0
0.017996	0	24	0	7	17	48
0.059561	0	0	0	0	0	0
0.039792	0	0	0	0	0	0
0.055897	0	0	0	0	0	0
0.070508	0	0	0	0	0	0
0.05777	0	0	0	0	0	0
0.047377	0	0	0	0	0	0

0.044411	0	0	0	0	11	11
0.043621	0	11	0	0	2	13
0.067301	0	2	5	5	0	12
0.036785	0	0	0	0	0	0
0.021138	0	17	0	0	0	17
0.053615	0	0	0	0	0	0
0.03937	0	0	0	0	0	0
0.03811	0	0	0	0	0	0
0.090106	0	0	0	0	6	6
0.054638	0	6	0	0	0	6
0.05699	0	0	0	0	0	0
0.054548	0	0	0	0	0	0
0.063915	0	0	0	0	0	0
0.533949	0.24	0	0	0	0	0
0.038572	0	0	0	0	0	0
0.029747	0	0	8	4	14	26
0.055121	0	0	0	0	0	0
0.050411	0	0	0	0	0	0
0.049881	0	0	0	0	0	0
0.033297	0	0	0	0	21	21
0.055831	0	21	0	0	0	21
0.047108	0	0	0	0	0	0
0.046622	0	0	0	0	0	0
0.019042	0	0	2	2	0	4
0.030081	0	0	0	0	0	0
0.021854	0	0	0	0	0	0
0.021568	0	14	0	0	0	14
0.019699	0	0	0	0	0	0
0.022115	0	0	0	0	0	0
0.056056	0	0	0	5	0	5
0.015254	0	0	0	0	0	0
0.019173	0	0	0	0	0	0
0.01518	0	0	0	0	0	0
0.014816	0	0	0	0	0	0
0.011126	0	0	0	0	0	0
0.009928	0	0	0	0	0	0
0.009549	0	0	0	0	0	0
0.019866	0	0	2	2	12	16
0.006148	0	0	0	0	0	0
0.007647	0.01	0	0	0	0	0
0.007134	0	0	0	0	0	0
0.005875	0	0	0	0	0	0
0.02029	0	0	0	0	0	0
0.005813	0	0	0	0	5	5
0.000671	0	0	0	0	17	17
0.000624	0	17	0	0	9	26
0.000298	0	9	0	0	17	26
0.010399	0	12	0	0	0	12
0.012969	0	17	10	0	0	27
0.006898	0	0	0	0	13	13

0.40299	0.23	0	0	0	0	0
0.009398	0	0	0	0	0	0
0.01025	0	0	0	0	0	0
0.021326	0	0	0	0	0	0
0.010928	0	0	0	6	0	6
0.010237	0	6	0	0	0	6
0.008048	0	0	0	0	0	0
0.005784	0	0	4	4	1	9
0.007078	0	1	0	0	10	11
0.004885	0	10	0	0	0	10
0.038111	0	0	0	0	0	0
0.00318	0	0	0	0	1	1
0.007034	0	1	0	0	0	1
0.143546	0	0	0	0	0	0
0.003208	0	0	0	0	0	0
0.004832	0	0	0	0	0	0
0.002968	0	0	0	0	0	0
0.0042	0	0	0	1	9	10
0.005747	0	9	0	0	0	9
0.003002	0	0	0	0	2	2
0.002132	0	2	0	0	0	2
0.006143	0	0	0	0	0	0
0.011706	0	0	0	2	3	5
0.002144	0	3	0	0	24	27
0.003451	0	24	0	0	21	45
0.0036	0	21	0	9	1	31
0.685557	0.28	1	5	16	32	54
0.173311	0.02	32	14	37	20	103
0.005931	0	0	0	0	0	0
0.035056	0	0	0	0	0	0
0.044779	0	0	0	0	0	0
0.070077	0	0	0	0	0	0
0.020347	0	0	0	0	0	0
0.042528	0	0	0	0	0	0
0.12393	0.07	0	0	0	31	31
0.052955	0	0	0	0	0	0
0.029133	0	0	0	0	0	0
0.070949	0	0	0	0	0	0
0.008796	0	31	0	0	0	31
0.039357	0	1	0	0	0	1
0.025061	0	0	0	0	0	0
0.023825	0	0	0	0	0	0
0.024181	0	0	0	0	0	0
0.004849	0	0	0	0	0	0
0.024117	0	0	0	0	0	0
0.056075	0	0	0	0	0	0
0.170298	0	0	0	0	0	0
0.050497	0	0	0	0	0	0
0.03828	0	0	0	0	0	0
0.046742	0	0	0	0	2	2



0.029796	0	0	0	0	0	0
0.005725	0	0	0	0	19	19
0.042358	0	0	0	0	0	0
0.031026	0	0	0	0	0	0
0.057687	0	0	0	0	0	0
0.038138	0	0	0	0	0	0
0.04021	0	0	0	0	0	0
0.087849	0	0	0	0	0	0
0.268812	0	0	0	0	0	0
0.05688	0	0	0	0	0	0
0.65648	0	0	0	0	0	0
0.136299	0	0	0	0	0	0
0.078313	0	0	0	0	0	0
0.045907	0	0	0	0	0	0
0.039566	0	0	0	0	0	0
0.041642	0	0	0	0	0	0
0.100035	0	0	0	0	0	0
0.047751	0	0	0	0	0	0
0.037443	0	0	0	0	0	0
0.04503	0	0	0	0	0	0
0.107047	0	0	0	0	0	0
0.069967	0	0	0	0	0	0
0.037069	0	0	0	0	0	0
0.036158	0	0	0	0	0	0
0.086238	0	0	0	0	0	0
0.035121	0	0	0	0	0	0
0.068576	0	0	0	0	0	0
0.065448	0	0	0	0	0	0
0.049489	0	0	0	0	0	0
0.00253	0	0	0	0	0	0
0.003167	0	0	0	0	0	0
0.000602	0	0	0	0	0	0
0.035177	0.01	0	0	0	0	0
0.011071	0	0	0	0	0	0
0.005347	0	0	0	0	0	0
0.002853	0	0	0	0	0	0
0.002228	0	0	0	0	0	0
0.014649	0	1	0	0	0	1
0.007455	0	0	0	0	0	0
0.003082	0	0	0	0	0	0
0.032844	0	8	0	0	0	8
0.035587	0	0	0	0	0	0
0.012029	0	0	0	0	0	0
0.003352	0	0	0	0	0	0
0.005274	0	0	0	0	0	0
0.019105	0.23	0	0	0	0	0
0.046642	0	0	0	0	0	0
0.020604	0	0	0	0	0	0
0.019233	0	0	0	0	0	0
0.019446	0	0	0	0	0	0

0.017273	0.12	0	0	0	0	0
0.019757	0	0	0	0	0	0
0.021912	0	0	0	0	0	0
0.02673	0	0	0	0	0	0
0.007649	0	0	0	0	0	0
0.00648	0	0	0	0	0	0
0.014261	0	0	0	0	0	0
0.01455	0	0	0	0	0	0
0.00577	0	0	0	0	0	0
0.182968	0	0	0	0	0	0
0.044892	0	0	0	0	0	0
0.004348	0	0	0	0	0	0
0.005552	0	0	0	0	0	0
0.010094	0	0	0	0	0	0
0.004105	0	0	0	0	0	0
0.035872	0	0	0	0	0	0
0.019427	0	0	0	0	0	0
0.019494	0	0	0	0	0	0
0.018132	0	0	0	0	0	0
0.01177	0	0	0	0	0	0
0.010901	0	0	0	0	0	0
0.017129	0	0	0	0	0	0
0.015123	0	0	0	0	0	0
0.015654	0	0	0	0	0	0
0.015059	0	0	0	0	0	0
0.008872	0	0	0	0	0	0
0.034694	0	0	0	0	0	0
0.094991	0	0	0	0	0	0
0.053954	0	0	0	0	0	0
0.017705	0	0	0	0	0	0
0.093878	0	0	0	0	0	0
0.018536	0	0	0	0	0	0
0.014027	0	0	0	0	0	0
0.050918	0	0	0	0	0	0
0.055897	0	0	0	0	0	0
0.023861	0	0	0	0	0	0
0.043904	0	0	0	0	0	0
0.023462	0	0	0	0	0	0
0.014225	0	0	0	0	0	0
0.058839	0	0	0	0	0	0
0.039157	0	0	0	0	0	0
0.045552	0	0	0	0	0	0
0.015163	0	0	0	0	0	0
0.021129	0	0	0	0	0	0
0.038931	0	0	0	0	0	0
0.020477	0	0	0	0	0	0
0.054018	0	0	0	0	0	0
0.047786	0	0	0	0	0	0
0.020478	0	0	0	0	0	0
0.187689	0	0	0	0	0	0

0.05517	0	0	0	0	0	0
0.025059	0	0	0	0	0	0
0.129589	0	0	0	0	0	0
0.143259	0	0	0	0	0	0
0.088961	0	0	0	0	0	0
0.027729	0	0	0	0	0	0
0.048364	0	0	0	0	0	0
0.080729	0	0	0	0	0	0
0.0502	0	0	0	0	0	0
0.047111	0	0	0	0	0	0
0.058998	0	0	0	0	0	0
0.119314	0	0	0	0	0	0
0.092999	0	0	0	0	0	0
0.060201	0	0	0	0	0	0
0.055195	0	0	0	0	0	0
0.05176	0	0	0	0	0	0
0.054097	0	0	0	0	0	0
0.06037	0	0	0	0	0	0
0.098857	0	0	0	0	0	0
0.086704	0	0	0	0	0	0
0.078045	0	0	0	0	0	0
0.045929	0	0	0	0	0	0
0.065108	0	0	0	0	0	0
0.043314	0	0	0	0	0	0
0.249131	0	0	0	0	0	0
0.117699	0	0	0	0	0	0
0.052888	0	0	0	0	0	0
0.043683	0	0	0	0	0	0
0.051676	0	0	0	0	0	0
0.054364	0	0	0	0	0	0
0.288694	0	0	0	0	0	0
0.040248	0	0	0	0	0	0
0.046637	0	0	0	0	0	0
0.062426	0	0	0	0	0	0
0.063504	0	0	0	0	0	0
0.137602	0	0	0	0	0	0
0.043275	0	0	0	0	0	0
0.20562	0	0	0	0	0	0
0.051657	0	0	0	0	0	0
0.11865	0	0	0	0	0	0
0.044329	0	0	0	0	0	0
0.046564	0	0	0	0	0	0
0.053709	0	0	0	0	0	0
0.043348	0	0	0	0	0	0
0.062774	0	0	0	0	0	0
0.047742	0	0	0	0	0	0
0.307776	0	0	0	0	0	0
0.081547	0	0	0	0	0	0
0.195076	0	0	0	0	0	0
0.051339	0	0	0	0	0	0

0.053164	0	0	0	0	0	0
0.032232	0	0	0	0	0	0
0.026069	0	0	0	0	0	0
0.040917	0	0	0	0	0	0
0.025834	0	0	0	0	0	0
0.066715	0	0	0	0	0	0
0.090162	0	0	0	0	0	0
0.041367	0	0	0	0	0	0
0.015901	0	0	0	0	0	0
0.021434	0	0	0	0	0	0
0.010756	0	0	0	0	0	0
0.013717	0	0	0	0	0	0
0.01973	0	0	0	0	0	0
0.018908	0	0	0	0	0	0
0.028377	0	0	0	0	0	0
0.004096	0	0	0	0	0	0
0.013534	0	0	0	0	0	0
0.008772	0	0	0	0	0	0
0.008304	0	0	0	0	0	0
0.008589	0	0	0	0	0	0
0.014933	0	0	0	0	0	0
0.012813	0	0	0	0	0	0
0.013449	0	0	0	0	0	0
0.047111	0	0	0	0	0	0
0.058014	0	0	0	0	0	0
0.040625	0	0	0	0	0	0
0.03521	0	0	0	0	0	0
0.189009	0	0	0	0	0	0
0.017887	0	0	0	0	0	0
0.031553	0	0	0	0	0	0
0.02887	0	0	0	0	0	0
0.074031	0	0	0	0	0	0
0.003489	0	0	0	0	0	0
0.023341	0	0	0	0	0	0
0.00198	0	0	0	0	0	0
0.829506	0	0	0	0	0	0
0.005592	0	0	0	0	0	0
0.003176	0	0	0	0	0	0
0.002521	0	0	0	0	0	0
0.005985	0	0	0	0	0	0
0.006507	0	0	0	0	0	0
0.01784	0	0	0	0	0	0
0.00798	0	0	0	0	0	0
0.052388	0	0	0	0	0	0
0.012841	0	0	0	0	0	0
0.017911	0	0	0	0	0	0
0.017962	0	0	0	0	0	0
0.002654	0	0	0	0	0	0
0.007973	0	0	0	0	0	0
0.051826	0	0	0	0	0	0

0.02912	0	0	0	0	0	0
0.069235	0	0	0	0	0	0
0.088411	0	0	0	0	0	0
0.132217	0.04	0	0	0	4	4
0.156383	0	4	0	0	0	4
0.031564	0	0	0	0	0	0
0.003596	0	0	0	0	0	0
0.035344	0	0	0	0	0	0
0.024184	0	0	0	0	6	6
0.011618	0.01	6	0	0	0	6
0.032738	0	0	0	0	0	0
0.007728	0	0	0	0	0	0
0.010408	0	0	0	0	0	0
0.020088	0	0	5	0	0	5
0.010584	0	0	0	0	0	0
0.01338	0.01	0	0	0	0	0
0.005442	0	0	0	0	0	0
0.036273	0	0	0	0	0	0
0.027301	0	0	0	0	0	0
0.000064	0	0	0	0	0	0
0.000015	0	0	0	0	0	0
0.00522	0	0	0	0	0	0
0.000304	0	0	0	0	0	0
0.002649	0	0	0	0	0	0
0.037258	0	0	0	0	0	0
0.231343	0	0	0	0	0	0
0.072025	0	0	0	0	0	0
0.022158	0	0	0	0	0	0
0.033595	0	0	0	0	0	0
0.05185	0	0	4	0	0	4
0.062115	0	0	0	0	0	0
0.088808	0	0	0	0	0	0
0.030702	0	0	0	0	0	0
0.117804	0	0	0	0	0	0
0.017966	0	0	0	0	0	0
0.020626	0	0	0	0	0	0
0.015556	0	0	0	0	0	0
0.01764	0	0	0	0	0	0
0.009826	0	0	0	0	0	0
0.03197	0	0	0	0	0	0
0.034109	0	0	0	0	0	0
0.01109	0	0	0	0	0	0
0.015224	0	0	0	0	0	0
0.008085	0	0	0	0	0	0
0.042036	0	0	0	0	0	0
0.049901	0	0	0	0	0	0
0.040645	0	0	0	0	0	0
0.040572	0	0	0	0	0	0
0.031938	0	0	0	0	0	0
0.111361	0	0	0	0	0	0

0.029874	0	0	0	0	0	0
0.06768	0	0	0	0	0	0
0.036404	0	0	0	0	0	0
0.042202	0	0	0	0	0	0
0.0458	0	0	0	0	0	0
0.052031	0	0	0	0	0	0
0.059479	0	0	0	0	0	0
0.048063	0	0	0	0	0	0
0.050011	0	0	0	0	0	0
0.076196	0	0	0	0	0	0
0.052065	0	0	0	0	0	0
0.001321	0	0	0	0	0	0
0.00417	0	0	0	0	0	0
0.011609	0	0	0	0	0	0
0.007435	0	0	0	0	0	0
0.008199	0	0	0	0	0	0
0.008523	0	0	0	0	3	3
0.022651	0	3	0	0	0	3
0.029627	0	0	0	0	0	0
0.011798	0	0	0	0	0	0
0.009075	0	0	0	0	0	0
0.014068	0	0	0	0	0	0
0.048494	0	0	0	0	0	0
0.036278	0	0	0	0	0	0
0.036335	0	0	0	0	1	1
0.07278	0	1	0	0	0	1
0.048096	0	0	0	0	13	13
0.041922	0	13	0	0	0	13
0.002863	0	0	0	0	0	0
0.000469	0	0	0	0	0	0
0.000904	0	0	0	0	0	0
0.00045	0	0	0	0	0	0
0.001603	0	0	0	0	0	0
0.000518	0	0	0	0	0	0
0.004794	0	0	0	0	0	0
0.019817	0	0	0	0	0	0
0.044613	0	0	0	0	0	0
0.035198	0	0	0	0	0	0
0.051054	0	0	0	0	10	10
0.001493	0	0	0	0	0	0
0.007605	0	0	0	0	0	0
0.012374	0	0	0	0	0	0
0.004276	0	0	0	0	0	0
0.014268	0	10	1	0	0	11
0.002808	0	0	0	0	0	0
0.002161	0	0	0	0	0	0
0.052017	0	0	0	0	0	0
0.006974	0	0	0	0	0	0
0.023192	0	0	0	0	0	0
0.00096	0	0	0	0	0	0

0.002461	0	0	0	0	0	0
0.00322	0	0	0	0	0	0
0.004295	0	0	0	0	0	0
0.00486	0	0	0	0	0	0
0.005492	0	0	0	0	0	0
0.008154	0	0	0	0	0	0
0.009684	0	0	0	0	0	0
0.006234	0	0	0	0	0	0
0.008695	0	0	0	0	0	0
0.005655	0	0	0	0	0	0
0.007465	0	0	0	0	0	0
0.259133	0	0	0	0	0	0
0.006113	0	0	0	0	0	0
0.0064	0	0	0	0	0	0
0.006303	0	0	0	0	0	0
0.004063	0	0	0	0	0	0
0.013403	0	0	0	0	0	0
0.03575	0	0	0	0	0	0
0.023401	0	0	0	0	0	0
0.0161	0	0	0	0	0	0
0.02052	0	0	0	0	0	0
0.016153	0	0	0	0	0	0
0.017137	0	0	0	0	0	0
0.010933	0	0	0	0	0	0
0.02883	0	0	0	0	0	0
0.031621	0	0	0	0	0	0
0.029838	0	0	0	0	0	0
0.026379	0	0	0	0	0	0
0.015696	0	0	0	0	0	0
0.038701	0	0	0	0	0	0
0.020145	0	0	0	0	0	0
0.010219	0	0	0	0	0	0
0.411997	0.07	0	0	0	0	0
0.066561	0	0	0	0	0	0
0.129767	0	0	0	0	0	0
0.101886	0	0	0	0	0	0
0.054578	0	0	0	0	0	0
0.111797	0	0	0	0	0	0
0.109353	0	0	0	0	0	0
0.039485	0	0	0	0	0	0
0.092723	0	0	0	0	0	0
0.030405	0	0	0	0	0	0
0.121718	0	0	0	0	0	0
0.046726	0	0	0	0	0	0
0.221498	0	0	0	0	0	0
0.154751	0	0	0	0	0	0
0.071472	0	0	0	0	0	0
0.060296	0	0	0	0	0	0
0.053631	0	0	0	0	0	0
0.033596	0	0	0	0	0	0

0.181424	0	0	0	0	0	0
0.06917	0	0	0	0	0	0
0.081063	0	0	0	0	0	0
0.053454	0	0	0	0	0	0
0.07162	0	0	0	0	0	0
0.537553	0	0	0	0	0	0
0.023742	0	0	0	0	0	0
0.012117	0	0	0	0	0	0
0.047466	0	0	0	0	0	0
0.010078	0	0	0	0	0	0
0.007301	0.02	0	0	0	0	0
0.044719	0	0	0	0	0	0
0.017908	0	0	0	0	0	0
0.034601	0	0	0	0	0	0
0.005909	0	0	0	0	0	0
0.01645	0	0	0	0	0	0
0.007157	0	0	0	0	0	0
0.006595	0	0	0	0	0	0
0.004414	0	0	0	0	0	0
0.007632	0	0	0	0	0	0
0.010981	0	0	0	0	0	0
0.013043	0	0	0	0	0	0
0.008744	0	0	0	0	0	0
0.008713	0	0	0	0	0	0
0.007042	0	0	0	0	0	0
0.180605	0	0	0	0	0	0
0.038977	0	0	0	0	0	0
0.008844	0	0	0	0	0	0
0.00352	0	0	0	0	0	0
0.037162	0	0	0	0	0	0
0.034581	0	0	0	0	0	0
0.059473	0	0	0	0	0	0
0.00583	0	0	0	0	0	0
0.001586	0	0	0	0	0	0
0.006179	0	0	0	0	0	0
0.035409	0	0	0	0	0	0
0.020276	0	0	0	0	0	0
0.013365	0	0	0	0	0	0
0.014342	0	0	0	0	0	0
0.06285	0	0	0	0	0	0
0.021459	0	0	0	0	0	0
0.011761	0	0	0	0	0	0
0.003912	0	0	0	0	0	0
0.003175	0	0	0	0	0	0
0.005766	0	0	0	0	0	0
0.027167	0	0	0	0	0	0
0.050455	0	0	0	0	0	0
0.032108	0	0	0	0	0	0
0.029066	0	0	0	0	0	0
0.019011	0	0	0	0	0	0



0.013803	0	0	0	0	0	0
0.035037	0	0	0	0	0	0
0.023642	0	0	0	0	0	0
0.023033	0	0	0	0	0	0
0.003947	0	0	0	0	0	0
0.028057	0	0	0	0	0	0
0.003113	0	0	0	0	0	0
0.007188	0	0	0	0	0	0
0.004208	0	0	0	0	0	0
0.003469	0	0	0	0	0	0
0.007181	0	0	0	0	0	0
0.029239	0	0	0	0	0	0
0.059428	0	0	0	0	0	0
0.080813	0	0	0	0	0	0
0.047486	0	0	0	0	0	0
0.067288	0	0	0	0	0	0
0.01601	0	0	0	0	0	0
0.032766	0	0	0	0	0	0
0.092035	0	0	0	0	0	0
0.036541	0	0	0	0	0	0
0.018152	0	0	0	0	0	0
0.003633	0	0	0	0	0	0
0.001023	0	0	0	0	0	0
0.001719	0	0	0	0	0	0
0.001976	0	0	0	0	0	0
0.003476	0	0	0	0	0	0
0.004935	0	0	0	0	0	0
0.004622	0	0	0	0	0	0
0.008667	0	0	0	0	0	0
0.008026	0	0	0	0	0	0
0.00266	0	0	0	0	0	0
0.004228	0	0	0	0	0	0
0.002103	0	0	0	0	0	0
0.009379	0.01	0	0	0	0	0
0.001688	0	0	0	0	0	0
0.0045	0	0	0	0	0	0
0.001675	0	0	0	0	0	0
0.00267	0	0	0	0	0	0
0.004675	0	0	0	0	0	0
0.003216	0	0	0	0	0	0
0.001778	0	0	0	0	0	0
0.001755	0	0	0	0	0	0
0.002415	0	0	0	0	0	0
0.002682	0	0	0	0	0	0
0.002417	0	0	0	0	0	0
0.002871	0	0	0	0	0	0
0.018238	0	0	0	0	0	0
0.00728	0	0	0	0	0	0
0.005122	0	0	0	0	0	0
0.009462	0	0	0	0	0	0

0.013272	0	0	0	0	0	0
0.010726	0	0	0	0	0	0
0.018714	0	0	0	0	0	0
0.039116	0	0	0	0	0	0
0.014157	0	0	0	0	0	0
0.021759	0	0	0	0	0	0
0.015751	0	0	0	0	0	0
0.018178	0	0	0	0	0	0
0.007565	0	0	0	0	0	0
0.007751	0	0	0	0	0	0
0.006488	0	0	0	0	0	0
0.005405	0	0	0	0	0	0
0.042455	0	0	0	0	0	0
0.003367	0	0	0	0	0	0
0.012167	0	0	0	0	0	0
0.001568	0	0	0	0	0	0
0.006124	0	0	0	0	0	0
0.004016	0	0	0	0	0	0
0.004435	0	0	0	0	0	0
0.006122	0	0	0	0	0	0
0.09003	0	0	0	0	0	0
0.050786	0	0	0	0	0	0
0.006801	0	0	0	0	0	0
0.00915	0	0	0	0	0	0
0.004835	0	0	0	0	0	0
0.000221	0	0	0	0	0	0
0.001232	0	0	0	0	0	0
0.020049	0.07	0	0	0	0	0
0.006419	0	0	0	0	0	0
0.007419	0	0	0	0	0	0
0.012409	0	0	0	0	0	0
0.085576	0.05	0	0	0	0	0
0.011761	0	0	0	0	0	0
0.009827	0	0	0	0	0	0
0.004982	0	0	0	0	0	0
0.006866	0	0	0	0	0	0
0.016344	0	0	0	0	0	0
0.014081	0	0	0	0	0	0
0.046539	0	0	0	0	0	0
0.053186	0	0	0	0	0	0
0.039107	0	0	0	0	0	0
0.04724	0	0	0	0	0	0
0.049504	0	0	0	0	0	0
0.062967	0	0	0	0	0	0
0.026033	0	0	0	0	0	0
0.062981	0	0	0	0	0	0
0.050442	0	0	0	0	0	0
0.033116	0	0	0	0	0	0
0.0263	0	0	0	0	0	0
0.020374	0	0	0	0	0	0

0.040111	0	0	0	0	0	0
0.054888	0	0	0	0	0	0
0.029885	0	0	0	0	0	0
0.021184	0	0	0	0	0	0
0.01141	0	0	0	0	0	0
0.04152	0	0	0	0	0	0
0.040319	0	0	0	0	0	0
0.031323	0	0	0	0	0	0
0.013991	0	0	0	0	0	0
0.009689	0	0	0	0	0	0
0.046053	0	0	0	0	0	0
0.045515	0	0	0	0	0	0
0.041351	0	0	0	0	0	0
0.053021	0	0	0	0	0	0
0.07039	0	0	0	0	0	0
0.064473	0	0	0	0	0	0
0.035454	0	0	0	0	0	0
0.022773	0	0	0	0	0	0
0.106456	0	0	0	0	6	6
0.205669	0.01	6	0	0	0	6
0.023296	0	0	0	0	0	0
0.347383	0	0	0	0	0	0
0.035321	0	0	0	0	0	0
0.144335	0	0	0	0	0	0
0.126828	0	0	0	0	0	0
0.085227	0	0	0	0	0	0
0.176363	0	0	0	0	0	0
0.134565	0	0	0	0	0	0
0.120703	0	0	0	0	0	0
0.057704	0	0	0	0	0	0
0.483233	0.07	0	1	0	0	1
0.088507	0	0	0	0	0	0
0.22495	0	0	0	0	0	0
0.197436	0	0	0	0	0	0
0.364405	0	0	0	0	0	0
0.136344	0	0	0	0	2	2
0.659672	0.11	2	0	0	0	2
0.056478	0	0	0	0	0	0
0.012124	0	0	0	0	0	0
0.000445	0	0	0	0	0	0
0.004503	0	0	0	0	0	0
0.001351	0	0	0	0	0	0
0.002942	0	0	0	0	0	0
0.002596	0	0	0	0	0	0
0.013026	0	0	0	0	0	0
0.013047	0	0	0	0	0	0
0.010359	0	0	0	0	0	0
0.007341	0	0	0	0	0	0
0.013807	0	0	0	0	0	0
0.008733	0	0	0	0	0	0

0.019181	0	0	0	0	0	0
0.011276	0	0	0	0	0	0
0.002604	0	0	0	0	0	0
0.004547	0	0	0	0	0	0
0.003914	0	0	0	0	0	0
0.005009	0	0	0	0	0	0
0.004872	0.01	0	0	0	0	0
0.001564	0	0	0	0	0	0
0.056494	0	0	0	0	0	0
0.16397	0.02	0	0	0	0	0
0.071684	0	0	0	0	0	0
0.079255	0	0	0	0	0	0
0.049707	0	0	0	0	0	0
0.046319	0	0	0	0	0	0
0.194832	0.06	0	0	0	0	0
0.04057	0	0	0	0	0	0
0.118395	0	0	0	0	0	0
0.086406	0.01	0	0	0	0	0
0.032792	0	0	0	0	0	0
0.036203	0	0	0	0	0	0
0.026885	0	0	0	0	0	0
0.025636	0	0	0	0	0	0
0.047182	0	0	0	0	0	0
0.082552	0	0	0	0	0	0
0.016294	0	0	0	0	0	0
0.009032	0	0	0	0	0	0
0.019994	0	0	0	0	0	0
0.019276	0	0	0	0	0	0
0.047067	0	0	0	0	0	0
0.047022	0	0	0	0	0	0
0.03431	0	0	0	0	0	0
0.019431	0	0	0	0	0	0
0.066105	0	0	0	0	0	0
0.053846	0	0	0	0	0	0
0.050289	0	0	0	0	0	0
0.069395	0	0	0	0	0	0
0.009029	0	0	0	0	0	0
0.002838	0	0	0	0	0	0
0.004004	0	0	0	0	0	0
0.004201	0	0	0	0	0	0
0.045352	0.01	0	0	0	8	8
0.010501	0	8	0	0	0	8
0.004792	0	0	0	0	0	0
0.003127	0	0	0	0	2	2
0.007439	0	2	0	0	7	9
0.007729	0	0	0	0	0	0
0.001617	0	7	0	0	10	17
0.021858	0	10	0	0	0	10
0.008315	0	0	0	0	0	0
0.032891	0	0	0	0	0	0

0.064807	0	0	0	0	0	0
0.072844	0	0	0	0	0	0
0.102852	0	0	0	0	0	0
0.145156	0	0	0	0	0	0
0.010475	0	0	0	0	0	0
0.010729	0	0	0	0	0	0
0.008175	0	0	0	0	0	0
0.012862	0	0	0	0	0	0
0.638157	0.01	0	12	0	6	18
0.010686	0	0	0	0	0	0
0.002802	0	0	0	0	0	0
0.008038	0	0	0	0	0	0
0.005669	0	0	0	0	0	0
0.001046	0	0	0	0	0	0
0.000902	0	0	0	0	0	0
0.008924	0.02	0	0	0	0	0
0.015353	0	0	0	0	2	2
0.032214	0.01	2	0	0	0	2
0.008738	0	0	0	0	0	0
0.029344	0	0	0	0	0	0
0.036772	0	0	0	0	0	0
0.049132	0	0	0	0	0	0
0.024818	0	0	0	0	0	0
0.044344	0	0	0	0	0	0
0.034336	0	0	0	0	0	0
0.04498	0	0	0	0	0	0
0.057618	0	0	0	0	0	0
0.010742	0	0	0	0	0	0
0.141306	0.09	0	0	8	0	8
0.128601	0	0	0	0	0	0
0.006437	0	0	0	0	0	0
0.023089	0	0	0	0	0	0
0.018095	0	0	0	0	0	0
0.025717	0	0	0	0	0	0
0.011116	0	0	0	0	0	0
0.018958	0	0	0	0	0	0
0.011189	0	0	0	0	0	0
0.00221	0	0	0	0	0	0
0.004841	0	0	0	0	0	0
0.008234	0	0	0	0	0	0
0.007052	0	0	0	0	0	0
0.00027	0	0	0	0	0	0
0.000518	0	0	0	0	0	0
0.055854	0	2	0	0	0	2
0.00358	0	0	0	0	0	0
0.003423	0	0	0	0	0	0
0.007621	0	0	0	0	0	0
0.043474	0	0	0	0	0	0
0.007566	0	0	0	0	0	0
0.003625	0	0	0	0	0	0

0.002652	0	0	0	0	0	0
0.00459	0	0	0	0	0	0
0.004437	0	0	0	0	0	0
0.203198	0	0	0	0	0	0
0.011778	0	0	0	0	0	0
0.011094	0	0	0	0	0	0
0.009663	0	0	0	0	0	0
0.005518	0	0	0	0	0	0
0.004744	0	0	0	0	0	0
0.005205	0	0	0	0	0	0
0.071561	0	0	0	0	0	0
0.039502	0	0	0	0	0	0
0.002956	0	0	0	0	0	0
0.001482	0	0	0	0	0	0
0.003373	0	0	0	0	0	0
0.002429	0	0	0	0	0	0
0.001559	0	0	0	0	0	0
0.003185	0	0	0	0	0	0
0.024423	0	0	0	0	0	0
0.034766	0	0	0	0	0	0
0.027027	0	0	0	0	0	0
0.011335	0	0	0	0	0	0
0.004406	0	0	0	0	3	3
0.003827	0	3	0	0	0	3
0.003565	0	0	0	0	0	0
0.034927	0	0	0	0	0	0
0.018066	0	0	0	0	0	0
0.016375	0	0	0	0	0	0
0.045584	0	0	0	0	0	0
0.031081	0	0	0	0	0	0
0.017492	0	0	0	0	0	0
0.049636	0	0	0	0	0	0
0.021645	0	0	0	0	0	0
0.028933	0	0	0	0	0	0
0.03109	0	0	0	0	0	0
0.027171	0	0	0	0	0	0
0.03272	0	0	0	0	0	0
0.029704	0	0	0	0	0	0
0.034196	0	0	0	0	0	0
0.041021	0	0	0	0	0	0
0.107499	0	0	0	0	0	0
0.03028	0	0	0	0	0	0
0.026395	0	0	0	0	0	0
0.028731	0	0	0	0	0	0
0.011477	0	0	0	0	0	0
0.017781	0	0	0	0	0	0
0.011736	0	0	0	0	0	0
0.005201	0	0	0	0	0	0
0.003679	0	0	0	0	0	0
0.007958	0	0	0	0	0	0

0.04403	0	0	0	0	0	0
0.032214	0	0	0	0	0	0
0.014945	0	0	0	0	0	0
0.041471	0	0	0	0	0	0
0.049912	0	0	0	0	0	0
0.001904	0	0	0	0	0	0
0.001982	0	0	0	0	0	0
0.002333	0	0	0	0	0	0
0.002594	0	0	0	0	0	0
0.009422	0	0	0	0	0	0
0.06063	0	0	0	0	0	0
0.082417	0	0	0	0	0	0
0.048767	0	0	0	0	0	0
0.120307	0	0	0	0	0	0
0.000057	0	0	0	0	0	0
0.03157	0	0	0	0	0	0
0.014358	0	0	0	0	0	0
0.12823	0	0	0	0	0	0
0.063793	0	0	0	0	0	0
0.022583	0	0	0	0	0	0
0.015871	0	0	0	0	0	0
0.012048	0	0	0	0	4	4
0.016476	0	4	0	0	0	4
0.007226	0	0	0	0	0	0
0.011558	0	0	0	0	0	0
0.005685	0	0	0	0	0	0
0.003079	0	0	0	0	0	0
0.009235	0	0	0	0	0	0
0.047549	0	0	0	0	0	0
0.018125	0	0	0	0	0	0
0.020444	0	0	0	0	0	0
0.004242	0	0	0	0	0	0
0.003512	0	0	0	0	0	0
0.003567	0	0	0	0	0	0
0.004792	0	0	0	0	0	0
0.002999	0	0	0	0	0	0
0.006161	0	0	0	0	0	0
0.005223	0	0	0	0	0	0
0.003492	0	0	0	0	0	0
0.005539	0	0	0	0	0	0
0.002732	0	0	0	0	0	0
0.006056	0	0	0	0	0	0
0.002612	0	0	0	0	0	0
0.002343	0	0	0	0	0	0
0.002175	0	0	0	0	0	0
0.003095	0	0	0	0	0	0
0.002764	0	0	0	0	0	0
0.002971	0	0	0	0	0	0
0.001896	0	0	0	0	0	0
0.002492	0	0	0	0	0	0

0.002672	0	0	0	0	0	0
0.003038	0	0	0	0	0	0
0.00775	0	0	0	0	0	0
0.00194	0	0	0	0	0	0
0.00314	0	0	0	0	0	0
0.026173	0	0	0	0	0	0
0.00301	0	0	0	0	0	0
0.004259	0	0	0	0	0	0
0.004412	0	0	0	0	0	0
0.004742	0	0	0	0	0	0
0.005665	0	0	0	0	0	0
0.005029	0	0	0	0	0	0
0.006958	0	0	0	0	0	0
0.021219	0	0	0	0	0	0
0.006859	0	0	0	0	0	0
0.007322	0	0	0	0	0	0
0.004157	0	0	0	0	0	0
0.007843	0	0	0	0	0	0
0.008134	0	0	0	0	0	0
0.007175	0	0	0	0	0	0
0.005611	0	0	0	0	0	0
0.004274	0	0	0	0	0	0
0.015207	0	0	0	0	0	0
0.004152	0	0	0	0	0	0
0.026211	0	0	0	0	0	0
0.004207	0	0	0	0	0	0
0.007248	0	0	0	0	0	0
0.007993	0	0	0	0	0	0
0.016494	0	0	0	0	0	0
0.013289	0	0	0	0	0	0
0.010225	0	0	0	0	0	0
0.007923	0	0	0	0	0	0
0.005855	0	0	0	0	0	0
0.006078	0	0	0	0	0	0
0.008081	0	0	0	0	0	0
0.034775	0	0	0	0	0	0
0.004252	0	0	0	0	0	0
0.004205	0	0	0	0	0	0
0.004354	0	0	0	0	0	0
0.004959	0	0	0	0	0	0
0.00265	0	0	0	0	0	0
0.055487	0	0	0	0	0	0
0.135293	0	0	0	0	0	0
0.0088	0	0	0	0	0	0
0.011186	0	0	0	0	0	0
0.029747	0	0	0	0	0	0
0.012175	0	0	0	0	0	0
0.010551	0	0	0	0	0	0
0.005326	0	0	0	0	0	0
0.006264	0	0	0	0	0	0



0.003601	0	0	0	0	0	0
0.024164	0	0	0	0	0	0
0.004107	0	0	0	0	0	0
0.047391	0	0	0	0	0	0
0.032284	0	0	0	0	0	0
0.023147	0	0	0	0	0	0
0.037809	0	0	0	0	0	0
0.024028	0	0	0	0	0	0
0.043983	0	0	0	0	0	0
0.034027	0	0	0	0	0	0
0.024792	0	0	0	0	0	0
0.014453	0	0	0	0	0	0
0.016911	0	0	0	0	0	0
0.751123	0.55	0	0	0	0	0
0.022122	0	0	0	0	0	0
0.011846	0	0	0	0	0	0
0.011299	0	0	0	0	0	0
0.028428	0	0	0	0	0	0
0.038369	0	0	0	0	0	0
0.006818	0	0	0	0	0	0
0.067527	0	0	0	0	0	0
0.028351	0	0	0	0	0	0
0.034801	0	0	0	0	0	0
0.050643	0	0	0	0	3	3
0.045539	0	3	0	0	0	3
0.02729	0	0	0	0	0	0
0.038845	0	0	0	0	0	0
0.025792	0	0	0	0	0	0
0.010382	0	0	0	0	0	0
0.00183	0	0	0	0	0	0
0.001815	0	0	0	0	0	0
0.001594	0.01	0	0	0	0	0
0.009908	0	0	0	0	0	0
0.013761	0	0	0	0	0	0
0.073276	0	0	0	0	0	0
0.004867	0	0	0	0	0	0
0.004519	0	0	0	0	0	0
0.006909	0	0	0	0	0	0
0.012093	0	0	0	0	0	0
0.007694	0	0	0	0	0	0
0.01269	0	0	0	0	0	0
0.00484	0	0	0	0	0	0
0.005893	0	0	0	0	0	0
0.009715	0	0	0	0	0	0
0.002049	0	0	0	0	0	0
0.002538	0	0	0	0	0	0
0.003722	0	0	0	0	0	0
0.003471	0	0	0	0	0	0
0.015072	0	0	0	0	0	0
0.003075	0	0	0	0	0	0

0.00685	0	0	0	0	0	0
0.009198	0	0	0	0	0	0
0.003464	0	0	0	0	0	0
0.002845	0	0	0	0	0	0
0.003423	0	0	0	0	0	0
0.013464	0	0	3	0	0	3
0.021249	0	0	0	0	0	0
0.02037	0	0	0	0	0	0
0.020927	0	0	0	0	0	0
0.036581	0	0	0	0	0	0
0.022409	0	0	0	0	0	0
0.02463	0	0	0	0	0	0
0.024695	0	0	0	0	0	0
0.05712	0	0	0	0	0	0
0.089685	0	0	0	0	0	0
0.023554	0	0	0	0	0	0
0.024996	0	0	0	0	0	0
0.019378	0	0	0	0	0	0
0.015129	0	0	0	0	0	0
0.031198	0	0	0	0	0	0
0.024011	0.01	0	0	0	0	0
0.039819	0	0	0	0	0	0
0.099687	0	0	3	0	0	3
0.015026	0	0	0	0	0	0
0.044065	0	0	0	0	0	0
0.377417	0	0	0	0	7	7
0.016585	0	7	0	0	0	7
0.033701	0	0	0	0	0	0
0.031807	0	0	0	4	0	4
0.050324	0	0	0	0	0	0
0.028659	0	0	0	0	0	0
0.023938	0	0	0	0	0	0
0.052078	0	0	0	0	0	0
0.030221	0	0	0	0	0	0
0.022622	0	0	0	0	0	0
0.018132	0	0	0	0	0	0
0.030527	0	0	0	0	0	0
0.017535	0	0	0	0	0	0
0.0867	0	0	0	0	0	0
0.014447	0	0	0	0	0	0
0.01424	0	0	0	0	0	0
0.136396	0	0	0	0	0	0
0.053551	0	0	0	0	0	0
0.097935	0	0	0	0	0	0
0.042296	0	0	0	0	0	0
0.01261	0	0	0	0	0	0
0.021649	0	0	0	0	0	0
0.010062	0	0	0	0	0	0
0.251747	0	0	0	0	0	0
0.011824	0	0	0	0	0	0

0.022516	0	0	0	0	0	0
0.032206	0	0	0	0	0	0
0.008697	0	0	0	0	0	0
0.007582	0	0	0	0	0	0
0.004595	0	0	0	0	0	0
0.002961	0	0	0	0	0	0
0.002141	0	0	0	0	0	0
0.015149	0	0	0	0	0	0
0.002605	0	0	0	0	0	0
0.009732	0	0	0	0	0	0
0.039329	0	0	0	0	0	0
0.011734	0	0	0	0	0	0
0.002664	0	0	0	0	0	0
0.047211	0	0	0	0	0	0
0.031248	0	0	0	0	0	0
0.01118	0	0	0	0	0	0
0.017834	0	0	0	0	0	0
0.01475	0	0	0	0	0	0
0.032006	0	0	0	0	0	0
0.077559	0	0	0	0	0	0
0.012353	0	0	0	0	0	0
0.02159	0	0	0	0	0	0
0.00784	0	0	0	0	0	0
0.07315	0	0	0	0	0	0
0.039839	0	0	0	0	0	0
0.045781	0	0	0	0	0	0
0.215543	0.01	0	0	0	0	0
0.061878	0	0	0	0	0	0
0.066803	0	0	0	0	0	0
0.08443	0	0	0	0	0	0
0.069773	0	0	0	0	0	0
0.057457	0	0	0	0	0	0
0.067286	0	0	0	0	0	0
0.053315	0	0	0	0	0	0
0.056162	0	0	0	0	0	0
0.062138	0	0	0	0	0	0
0.049264	0	0	0	0	0	0
0.057262	0	0	0	0	0	0
0.072084	0	0	0	0	0	0
0.070988	0	0	0	0	0	0
0.063198	0	0	0	0	0	0
0.053087	0	0	0	0	0	0
0.075051	0	0	0	0	0	0
0.060802	0	0	0	0	0	0
0.166826	0	0	0	0	0	0
0.054561	0	0	0	0	0	0
0.065934	0	0	0	0	0	0
0.039657	0	0	0	0	0	0
0.052908	0	0	0	0	0	0
0.082307	0	0	0	0	0	0

0.062744	0	0	0	0	0	0
0.067166	0	0	0	0	0	0
0.135585	0	0	0	0	0	0
0.030183	0	0	0	0	0	0
0.075978	0	0	0	0	0	0
0.021842	0	0	0	0	0	0
0.018764	0	0	0	0	0	0
0.049233	0	0	0	0	0	0
0.059795	0	0	0	0	0	0
0.13498	0	0	0	0	0	0
0.081028	0	0	0	0	0	0
0.110968	0	0	0	0	0	0
0.022835	0	0	0	0	0	0
0.614299	0.23	0	0	0	7	7
0.014937	0	0	0	0	0	0
0.0192	0	0	0	0	0	0
0.016178	0	0	0	0	0	0
0.05729	0	0	0	0	0	0
0.030535	0	0	0	0	0	0
0.017219	0	0	0	0	0	0
0.018217	0	0	0	0	0	0
0.014269	0	0	0	0	0	0
0.055335	0	0	0	0	0	0
0.015482	0	0	0	0	0	0
0.012367	0	0	0	0	0	0
0.026544	0	0	0	0	0	0
0.039619	0	0	0	0	0	0
0.011846	0	0	0	0	0	0
0.012426	0	0	0	0	0	0
0.012259	0	0	0	0	0	0
0.012611	0	0	0	0	0	0
0.011566	0	0	0	0	0	0
0.005439	0	0	0	0	0	0
0.028421	0	0	0	0	0	0
0.044447	0	0	0	0	0	0
0.008964	0	0	0	0	0	0
0.00709	0	0	0	0	0	0
0.008494	0	0	0	0	0	0
0.006072	0	0	0	0	0	0
0.021869	0	0	0	0	0	0
0.007766	0	0	0	0	0	0
0.007426	0	0	0	0	0	0
0.007619	0	0	0	0	0	0
0.00708	0	0	0	0	0	0
0.035129	0	0	0	0	0	0
0.005946	0	0	0	0	0	0
0.00737	0	0	0	0	0	0
0.004265	0	0	0	0	0	0
0.008259	0	0	0	0	0	0
0.008139	0	0	0	0	0	0

0.031194	0	0	0	0	0	0
0.049468	0.04	0	0	0	0	0
0.037794	0	0	0	0	0	0
0.03964	0	0	0	0	0	0
0.042433	0	0	0	0	0	0
0.018892	0	0	0	0	0	0
0.047306	0	0	0	0	0	0
0.032305	0	0	0	0	0	0
0.058384	0	0	0	0	0	0
0.010941	0	0	0	0	0	0
0.010066	0	0	0	0	0	0
0.009181	0	0	0	0	0	0
0.00822	0	0	0	0	0	0
0.00935	0	0	0	0	0	0
0.007945	0	0	0	0	0	0
0.006328	0	0	0	0	0	0
0.009736	0	0	0	0	0	0
0.015353	0	0	0	0	4	4
0.004669	0	4	0	0	0	4
0.003738	0	0	0	0	0	0
0.017607	0.01	0	0	0	6	6
0.004593	0	6	0	0	0	6
0.004829	0	0	0	0	0	0
0.002882	0	0	0	0	0	0
0.003788	0	0	0	0	0	0
0.011832	0	0	0	0	0	0
0.004369	0	0	0	0	0	0
0.008539	0	0	0	0	0	0
0.003657	0	0	0	0	0	0
0.002838	0	0	0	0	0	0
0.003771	0	0	0	0	0	0
0.001726	0	0	0	0	0	0
0.002617	0	0	0	0	0	0
0.007358	0	0	0	0	0	0
0.03493	0.01	0	0	0	0	0
0.014446	0	0	0	0	5	5
0.002997	0	5	0	0	0	5
0.006441	0	0	0	0	0	0
0.011996	0	0	0	0	0	0
0.013865	0	0	0	0	0	0
0.007596	0	0	0	0	0	0
0.007705	0	0	0	0	0	0
0.004756	0	0	0	0	0	0
0.064489	0	0	0	0	0	0
0.043623	0	0	0	0	0	0
0.030528	0	0	0	0	0	0
0.003562	0	0	0	0	0	0
0.010105	0.01	0	0	0	4	4
0.002618	0	4	0	0	0	4
0.013358	0.03	0	0	0	1	1

0.002851	0.01	1	0	0	0	1
0.285307	0.04	0	0	0	0	0
0.055547	0	0	0	0	0	0
0.048269	0	0	0	0	0	0
0.034361	0	0	0	0	0	0
0.032531	0	0	0	2	0	2
0.04597	0	0	0	0	0	0
0.069798	0	0	0	0	0	0
0.046641	0	0	0	0	0	0
0.089684	0	0	0	0	0	0
0.032456	0	0	0	0	0	0
0.04077	0	0	0	0	0	0
0.042218	0	0	0	0	0	0
0.042841	0	0	0	0	0	0
0.048886	0	0	0	0	0	0
0.05362	0	0	0	0	0	0
0.030165	0	0	0	0	0	0
0.070665	0	0	0	0	0	0
0.029901	0	0	0	0	0	0
0.036816	0	0	0	0	0	0
0.028132	0	0	0	0	0	0
0.06099	0	0	0	0	0	0
0.033438	0	0	0	0	0	0
0.03676	0	0	0	0	0	0
0.04083	0	0	0	0	0	0
0.033139	0	0	0	0	0	0
0.035189	0	0	0	0	0	0
0.032379	0	0	0	0	0	0
0.030147	0	0	0	0	0	0
0.02006	0	0	0	0	0	0
0.021892	0	0	0	0	0	0
0.016912	0	0	0	0	0	0
0.055692	0	0	0	0	0	0
0.033077	0	0	0	0	0	0
0.026936	0	0	0	0	0	0
0.021089	0	0	0	0	0	0
0.017024	0	0	0	0	0	0
0.028471	0	0	0	0	0	0
0.019644	0	0	0	0	0	0
0.015864	0	0	0	0	0	0
0.014508	0	0	0	0	0	0
0.013522	0	0	0	0	0	0
0.052871	0	0	0	0	0	0
0.019406	0	0	0	0	0	0
0.012736	0	0	0	0	0	0
0.032316	0	0	0	0	0	0
0.014975	0	0	0	0	0	0
0.011227	0	0	0	0	0	0
0.014993	0	0	4	0	0	4
0.011769	0	0	0	0	0	0

0.012814	0	0	0	0	0	0
0.014614	0	0	0	0	0	0
0.013786	0	0	0	0	0	0
0.029937	0	0	0	0	6	6
0.012145	0	0	0	0	0	0
0.00978	0	0	0	0	0	0
0.009131	0	0	0	0	0	0
0.008783	0	0	0	0	0	0
0.00651	0	0	0	0	0	0
0.004121	0	0	0	0	0	0
0.009893	0	0	0	0	0	0
0.034934	0	0	0	0	0	0
0.019641	0	0	0	0	0	0
0.008412	0	0	0	0	0	0
0.041838	0	6	0	0	0	6
0.006026	0	0	0	0	0	0
0.006978	0	0	0	0	0	0
0.005504	0	0	0	0	0	0
0.008634	0	0	0	0	0	0
0.005326	0	0	0	0	0	0
0.003754	0	0	0	0	0	0
0.004514	0	0	0	0	0	0
0.004023	0	0	0	0	1	1
0.002699	0	1	0	0	0	1
0.00345	0	0	0	0	0	0
0.053826	0	0	0	0	0	0
0.002939	0	0	0	0	0	0
0.002607	0	0	0	0	0	0
0.002273	0	0	0	0	0	0
0.003108	0	0	0	0	0	0
0.036195	0	0	0	0	0	0
0.001645	0	0	0	0	0	0
0.003278	0	0	0	0	0	0
0.001981	0	0	0	0	0	0
0.001307	0	0	0	0	0	0
0.001919	0	0	0	0	0	0
0.058413	0	0	0	0	0	0
0.002752	0	0	0	0	0	0
0.001642	0	0	0	0	0	0
0.001493	0	0	0	0	0	0
0.001947	0	0	0	0	0	0
0.001453	0	0	0	0	0	0
0.001673	0	0	0	0	0	0
0.002162	0	0	0	0	0	0
0.001064	0	0	0	0	0	0
0.00113	0	0	0	0	0	0
0.001374	0	0	0	0	0	0
0.032618	0	3	0	0	0	3
0.020869	0	0	0	0	0	0
0.013016	0	0	0	0	0	0

0.014065	0	0	0	0	0	0
0.013063	0	0	0	0	0	0
0.013449	0	0	0	0	5	5
0.011782	0	5	7	0	0	12
0.023975	0	0	0	0	0	0
0.012061	0	0	0	0	0	0
0.008934	0	0	0	0	0	0
0.00884	0	0	0	0	0	0
0.02594	0	0	0	0	0	0
0.007923	0	0	0	0	0	0
0.025815	0	0	0	0	0	0
0.062753	0	0	0	0	0	0
0.044566	0	0	0	0	0	0
0.014291	0	0	0	0	5	5
0.009529	0	5	0	0	0	5
0.009651	0	0	0	0	0	0
0.028782	0	0	0	0	0	0
0.010917	0	0	0	5	5	10
0.013685	0	5	0	0	0	5
0.021309	0	0	0	0	0	0
0.014323	0	0	0	0	0	0
0.006891	0	0	0	0	1	1
0.011511	0	1	0	0	0	1
0.00748	0	0	0	0	0	0
0.018091	0.04	0	6	10	7	23
0.004428	0	7	0	0	0	7
0.006059	0	0	1	0	0	1
0.012658	0	0	0	0	0	0
0.136176	0.06	0	0	0	10	10
0.060888	0.01	10	0	0	0	10
0.016067	0	0	0	0	0	0
0.008792	0	0	0	0	0	0
0.004444	0	0	0	0	0	0
0.00651	0	0	0	0	6	6
0.002767	0	6	0	0	0	6
0.005075	0	0	0	0	0	0
0.009938	0	0	0	0	0	0
0.003832	0	0	0	0	0	0
0.012699	0	0	0	0	0	0
0.001677	0	0	0	0	0	0
0.001762	0	0	0	0	0	0
0.001575	0	0	0	0	0	0
0.035085	0	0	0	0	0	0
0.002769	0	0	0	0	0	0
0.003047	0	0	0	0	0	0
0.015684	0	0	0	8	0	8
0.004021	0	0	0	0	0	0
0.014433	0	0	0	0	0	0
0.009442	0	0	0	0	0	0
0.005197	0	0	0	0	0	0



0.015594	0	0	0	0	0	0
0.010813	0	0	0	0	0	0
0.01663	0	0	0	0	0	0
0.014253	0	0	0	0	0	0
0.007296	0	0	0	0	0	0
0.029302	0	0	0	0	0	0
0.020945	0	0	0	0	0	0
0.024898	0	0	0	0	0	0
0.012138	0	0	0	0	0	0
0.027556	0	0	0	0	0	0
0.011514	0	0	0	0	0	0
0.008817	0	0	0	0	0	0
0.007377	0	0	0	0	0	0
0.013417	0	2	0	0	0	2
0.002887	0	0	0	0	0	0
0.022846	0	0	0	0	0	0
0.051124	0	0	0	0	0	0
0.519632	0.06	0	0	0	0	0
0.006663	0	0	0	0	0	0
0.0096	0	0	0	0	0	0
0.022444	0	0	0	0	0	0
0.024419	0	0	0	0	0	0
0.006847	0	0	0	0	0	0
0.01086	0.01	0	0	0	0	0
0.010477	0	0	0	0	0	0
0.014268	0	0	0	0	0	0
0.006054	0	0	0	0	0	0
0.099365	0	0	0	0	0	0
0.015325	0	0	0	0	0	0
0.008734	0	0	0	0	0	0
0.007334	0	0	0	0	0	0
0.011673	0	0	0	0	0	0
0.006925	0	0	0	0	0	0
0.028365	0	0	0	0	0	0
0.030608	0	0	0	0	0	0
0.007706	0	0	0	0	0	0
0.310621	0.11	0	0	0	0	0
0.02517	0	0	0	0	0	0
0.001062	0	0	0	0	0	0
0.003733	0	0	0	0	0	0
0.002435	0.01	0	0	0	0	0
0.001038	0	0	0	0	0	0
0.001328	0	0	0	0	0	0
0.010147	0	0	0	0	0	0
0.001869	0	0	0	0	0	0
0.011731	0	0	0	0	0	0
0.002549	0	0	0	0	0	0
0.05587	0	0	0	0	0	0
0.059832	0	0	0	0	0	0
0.151144	0	0	0	0	0	0

0.069515	0	0	0	0	0	0
0.029437	0	0	0	0	0	0
0.001348	0	0	0	0	0	0
0.031016	0.02	0	0	0	0	0
0.026555	0	0	0	0	0	0
0.002389	0	0	0	0	0	0
0.00444	0	0	0	0	0	0
0.002814	0	0	0	0	0	0
0.000937	0	0	0	0	0	0
0.003553	0	0	0	0	0	0
0.001127	0	0	0	0	0	0
0.002807	0	0	0	0	0	0
0.003023	0	0	0	0	0	0
0.005446	0	0	0	0	0	0
0.011725	0	0	0	0	0	0
0.001711	0	0	0	0	0	0
0.004511	0	0	0	0	0	0
0.005487	0	0	0	0	0	0
0.008236	0	0	0	0	0	0
0.023397	0	0	0	0	0	0
0.012195	0	0	0	0	0	0
0.002884	0	0	0	0	0	0
0.005571	0	0	0	0	0	0
0.040388	0	0	0	0	0	0
0.008782	0	0	0	0	0	0
0.021927	0	0	0	0	0	0
0.013514	0	0	0	0	0	0
0.010237	0	0	0	0	0	0
0.008657	0	0	0	0	0	0
0.013359	0	0	0	0	0	0
0.020793	0	0	0	0	0	0
0.00612	0	0	0	0	0	0
0.009248	0	0	0	0	0	0
0.077095	0	0	0	0	0	0
0.012343	0	0	0	0	0	0
0.010955	0	0	0	0	0	0
0.013112	0	0	0	0	0	0
0.013217	0	0	0	0	0	0
0.023402	0	0	0	0	0	0
0.029302	0	0	0	0	0	0
0.003657	0	0	0	0	0	0
0.132635	0	0	0	0	0	0
0.005104	0	0	0	0	0	0
0.013917	0	0	0	0	0	0
0.007273	0	0	0	0	0	0
0.012061	0	0	0	0	0	0
0.009356	0	0	0	0	0	0
0.010525	0	0	0	0	0	0
0.000603	0	0	0	0	0	0
0.003661	0	0	0	0	0	0

0.041454	0	0	0	0	0	0
0.00544	0.01	0	0	0	0	0
0.00649	0	0	0	0	0	0
0.002989	0	0	0	0	0	0
0.003089	0	0	0	0	0	0
0.002769	0	0	0	0	0	0
0.001867	0	0	0	0	0	0
0.030014	0	0	0	0	0	0
0.002271	0	0	0	0	0	0
0.000615	0	1	0	0	0	1
0.000325	0	0	0	0	0	0
0.000603	0	0	0	0	0	0
0.001302	0.01	0	0	0	0	0
0.001843	0.01	0	0	0	0	0
0.002035	0	0	0	0	0	0
0.030023	0	0	0	0	0	0
0.036907	0	0	0	0	0	0
0.0516	0.01	0	0	0	0	0
0.046908	0	0	0	0	0	0
0.022183	0	0	0	0	0	0
0.008833	0	0	0	0	0	0
0.005183	0	0	0	0	5	5
0.004301	0	5	0	0	0	5
0.006641	0	0	0	0	0	0
0.03692	0	0	0	0	0	0
0.204827	0	0	0	0	0	0
0.480743	0	0	0	0	0	0
0.006864	0	0	0	0	0	0
0.006581	0	0	0	0	0	0
0.046645	0.01	0	0	0	0	0
0.001562	0	0	0	0	0	0
0.005872	0	0	0	0	0	0
0.006615	0	0	0	0	0	0
0.010713	0	0	0	0	0	0
0.003127	0	0	0	0	0	0
0.033353	0	0	0	0	0	0
0.066882	0	0	0	0	0	0
0.110071	0	0	0	0	0	0
0.024507	0	0	0	0	0	0
0.023692	0	0	0	0	0	0
0.022145	0	0	0	0	0	0
0.04986	0	0	0	0	0	0
0.064116	0	0	0	0	0	0
0.007954	0	0	0	0	0	0
0.010918	0	0	0	0	0	0
0.01148	0	0	0	0	0	0
0.010374	0	0	0	0	0	0
0.005979	0	0	0	0	0	0
0.002208	0	0	0	0	0	0
0.013456	0	0	0	0	0	0

0.041478	0	0	0	0	0	0
0.007426	0	0	0	0	0	0
0.0033	0	0	0	0	0	0
0.007203	0	0	0	0	0	0
0.002898	0	0	0	0	0	0
0.003026	0	0	0	0	0	0
0.003167	0	0	0	0	0	0
0.039739	0	0	0	0	0	0
0.005406	0	0	0	0	0	0
0.003077	0	0	0	0	0	0
0.001926	0	0	0	0	0	0
0.008433	0	0	0	0	0	0
0.00658	0	0	0	0	0	0
0.011059	0	0	0	0	0	0
0.032875	0	0	0	0	0	0
0.005415	0	0	0	0	0	0
0.005707	0	0	0	0	0	0
0.0168	0	0	0	0	0	0
0.01347	0	0	0	0	0	0
0.010806	0	0	0	0	0	0
0.016177	0	0	0	0	0	0
0.004219	0	0	0	0	0	0
0.003164	0	0	0	0	0	0
0.007518	0	0	0	0	0	0
0.018458	0	0	0	0	0	0
0.034372	0	0	0	0	0	0
0.027233	0	0	0	0	0	0
0.015906	0	0	0	0	0	0
0.031593	0	0	0	0	0	0
0.014356	0	0	0	0	0	0
0.078604	0	0	0	0	0	0
0.033536	0	0	0	0	0	0
0.019489	0	0	0	0	0	0
0.005581	0	0	0	0	0	0
0.017008	0	0	0	0	0	0
0.011786	0	0	0	0	0	0
0.010695	0	0	0	5	0	5
0.010649	0	0	0	0	0	0
0.017386	0	0	0	0	0	0
0.104895	0	0	0	0	0	0
0.031095	0	0	0	0	0	0
0.012261	0	0	0	0	0	0
0.017598	0	0	0	0	0	0
0.03347	0	0	0	0	0	0
0.036216	0	0	0	0	0	0
0.057085	0	0	0	0	0	0
0.032021	0	0	0	0	0	0
0.02767	0	0	0	0	0	0
0.044845	0	0	0	0	0	0
0.036407	0	0	0	0	0	0

0.02519	0	0	0	0	0	0
0.02455	0	0	0	0	0	0
0.028695	0	0	0	0	0	0
0.025631	0	0	0	0	0	0
0.050974	0	0	0	0	0	0
0.065496	0	0	0	0	0	0
0.030055	0	0	0	0	0	0
0.023719	0	0	0	0	0	0
0.02196	0	0	0	0	0	0
0.015874	0	0	0	0	0	0
0.023053	0	0	0	0	0	0
0.017471	0	0	0	0	0	0
0.015245	0	0	0	0	0	0
0.0123	0	0	0	0	0	0
0.047585	0	0	0	0	0	0
0.010971	0	0	0	0	0	0
0.01573	0	0	0	0	0	0
0.010112	0	0	0	0	0	0
0.014223	0	0	0	0	0	0
0.017857	0	0	0	0	0	0
0.013423	0	0	0	0	0	0
0.00669	0	0	0	0	0	0
0.01587	0	0	0	0	0	0
0.004904	0	0	0	0	0	0
0.012687	0	0	0	0	0	0
0.036475	0	0	0	0	0	0
0.007181	0	0	0	0	0	0
0.054421	0	0	0	0	0	0
0.037219	0	0	0	0	0	0
0.043238	0	0	0	0	0	0
0.054671	0	0	0	0	0	0
0.067559	0	0	0	0	0	0
0.750819	0	0	0	0	0	0
0.025979	0	0	0	0	0	0
0.040117	0	0	0	0	0	0
0.051539	0	0	0	0	0	0
0.019002	0	0	0	0	0	0
0.028452	0	0	0	0	0	0
0.003898	0	0	0	0	0	0
0.00078	0	0	0	0	0	0
0.000681	0	0	0	0	0	0
0.001383	0	0	0	0	0	0
0.000519	0	0	0	0	0	0
0.000947	0	0	0	0	0	0
0.00041	0	0	0	0	0	0
0.003142	0	0	0	0	0	0
0.000986	0	0	0	0	0	0
0.084965	0	0	0	0	0	0
0.047725	0	0	0	0	0	0
0.040943	0	0	0	0	0	0

0.024172	0	0	0	0	0	0
0.019785	0	0	0	0	0	0
0.031073	0	0	0	0	0	0
0.022982	0	0	0	0	0	0
0.017511	0	0	0	0	0	0
0.014662	0	0	0	0	0	0
0.013986	0	0	0	0	0	0
0.007217	0	0	0	0	0	0
0.036694	0	0	0	0	0	0
0.193346	0	0	0	0	0	0
0.034354	0	0	0	0	0	0
0.036761	0	0	0	0	0	0
0.025433	0	0	0	0	0	0
0.019998	0	0	0	0	0	0
0.017679	0	0	0	0	0	0
0.015453	0	0	0	0	0	0
0.015767	0	0	0	0	0	0
0.017248	0	0	0	0	0	0
0.018404	0	0	0	0	0	0
0.039148	0	0	0	0	0	0
0.012666	0	0	0	0	0	0
0.035496	0	0	0	0	0	0
0.037212	0	0	0	0	0	0
0.066995	0	0	0	0	0	0
0.044781	0	0	0	0	0	0
0.033364	0	0	0	0	0	0
0.038721	0	0	0	0	0	0
0.050097	0	0	0	0	0	0
0.17578	0	0	0	0	0	0
0.013227	0	0	0	0	0	0
0.026047	0	0	0	0	0	0
0.030636	0	0	0	0	0	0
0.028193	0	0	0	0	0	0
0.014867	0	0	0	0	0	0
0.009282	0	0	0	0	0	0
0.108983	0.02	0	0	0	0	0
0.095944	0	0	0	0	0	0
0.071181	0	0	0	0	0	0
0.033933	0	0	0	0	0	0
0.03962	0	0	0	0	0	0
0.003011	0	0	0	0	0	0
0.046037	0	0	0	0	0	0
0.028069	0	0	0	0	0	0
0.025175	0	0	0	0	0	0
0.053042	0	0	0	0	0	0
0.019804	0	0	0	0	0	0
0.021094	0	0	0	0	0	0
0.035609	0	0	0	0	0	0
0.024036	0	0	0	0	0	0
0.140723	0	0	0	0	0	0

0.038568	0	0	0	0	0	0
0.034395	0	0	0	0	0	0
0.062128	0	0	0	0	0	0
0.097308	0	0	0	0	0	0
0.049266	0	0	0	0	0	0
0.03871	0	0	0	0	0	0
0.178319	0	0	0	0	0	0
0.032769	0	0	0	0	0	0
0.026463	0	0	0	0	0	0
0.024453	0	0	0	0	0	0
0.043639	0	0	0	0	0	0
0.028479	0	0	0	0	0	0
0.038008	0	0	0	0	0	0
0.034291	0	0	0	0	0	0
0.006475	0	0	0	0	0	0
0.016692	0	0	0	0	0	0
0.022857	0	0	0	0	0	0
0.066342	0	0	0	0	0	0
0.01195	0	0	0	0	0	0
0.005986	0	0	0	0	0	0
0.004585	0	0	0	0	0	0
0.388138	0	0	0	0	0	0
0.088609	0	0	0	0	0	0
0.030427	0	0	0	0	0	0
0.013903	0	0	0	0	0	0
0.012953	0	0	0	0	0	0
0.011317	0	0	0	0	0	0
0.126106	0	0	0	0	0	0
0.019277	0	0	0	0	0	0
0.057243	0	0	0	0	0	0
0.025582	0	0	0	0	0	0
0.016212	0	0	0	0	0	0
0.025076	0	0	0	0	0	0
0.012598	0	0	0	0	0	0
0.068349	0.01	0	0	0	0	0
0.073453	0	0	0	0	0	0
0.040172	0	0	0	0	0	0
0.07484	0.02	0	0	0	0	0
0.024607	0	0	0	0	0	0
0.052752	0	0	0	0	0	0
0.037731	0	0	0	0	0	0
0.199094	0.05	0	0	0	0	0
0.027336	0	0	0	0	0	0
0.014415	0	0	0	0	0	0
0.040044	0	0	0	0	0	0
0.019064	0	0	0	0	0	0
0.016266	0	0	0	0	0	0
0.029303	0	0	0	0	0	0
0.037044	0	0	0	0	0	0
0.033749	0	0	0	0	0	0

0.027907	0	0	0	0	0	0
0.028664	0	0	0	0	0	0
0.025091	0	0	0	0	0	0
0.030028	0	0	0	0	0	0
0.10076	0.01	0	0	0	0	0
0.026297	0	0	0	0	0	0
0.017437	0	0	0	0	0	0
0.020724	0	0	0	0	0	0
0.012333	0	0	0	0	0	0
0.015864	0	0	0	0	0	0
0.012722	0	0	0	0	0	0
0.007088	0	0	0	0	0	0
0.011353	0	0	0	0	0	0
0.00444	0	0	0	0	0	0
0.02365	0	0	0	0	0	0
0.008237	0	0	0	0	0	0
0.005943	0	0	0	0	0	0
0.005369	0	0	0	0	0	0
0.012548	0	0	0	0	0	0
0.012627	0	0	0	0	0	0
0.006781	0	0	0	0	0	0
0.017877	0	0	0	0	0	0
0.035291	0	0	0	0	0	0
0.020969	0	0	0	0	0	0
0.013457	0	0	0	0	0	0
0.023978	0	0	0	0	0	0
0.033014	0	0	0	0	0	0
0.019752	0	0	0	0	0	0
0.079909	0	0	0	0	0	0
0.128962	0	0	0	0	0	0
0.04476	0	0	0	0	0	0
0.123029	0	0	0	0	0	0
0.272207	0	0	0	0	0	0
0.037249	0	0	0	0	0	0
0.047441	0	0	0	0	0	0
0.091243	0	0	0	0	0	0
0.092624	0	0	0	0	0	0
0.026028	0	0	0	0	0	0
0.150938	0	0	0	0	0	0
0.216065	0	0	1	0	0	1
0.037157	0	0	0	0	0	0
0.079091	0	0	0	0	0	0
0.067455	0	0	0	0	0	0
0.014897	0	0	0	0	0	0
0.014739	0	0	0	0	0	0
0.027954	0	0	0	0	0	0
0.035823	0	0	0	0	0	0
0.008951	0	0	0	0	0	0
0.070003	0	0	0	0	0	0
0.196122	0	0	0	0	0	0



0.046978	0	0	0	0	0	0
0.03258	0	0	0	0	0	0
0.022192	0	0	0	0	0	0
0.020534	0	0	0	0	0	0
0.112471	0	0	0	0	0	0
0.049106	0	0	0	0	0	0
0.043624	0	0	0	0	0	0
0.047383	0	0	0	0	0	0
0.06256	0	0	0	0	0	0
0.060875	0	0	0	0	0	0
0.056274	0	0	0	0	0	0
0.033154	0	0	0	0	0	0
0.040143	0	0	0	0	0	0
0.042411	0	0	0	0	0	0
0.104489	0	0	0	0	0	0
0.155449	0	0	0	0	0	0
0.137021	0	0	0	0	0	0
0.073539	0	0	0	0	0	0
0.051319	0	0	0	0	0	0
0.062308	0	0	0	0	0	0
0.126511	0	0	0	0	0	0
0.088906	0	0	0	0	0	0
0.041427	0	0	0	0	0	0
0.051644	0	0	0	0	0	0
0.42042	0	0	0	0	0	0
0.770049	0.02	0	0	0	0	0
0.04871	0	0	0	0	0	0
0.019285	0.01	0	0	0	0	0
0.036337	0	0	0	0	0	0
0.017211	0	0	0	0	0	0
0.025701	0	0	0	0	0	0
0.062452	0	0	0	0	0	0
0.049308	0	0	0	0	0	0
0.056617	0	0	0	0	0	0
0.078479	0	0	0	0	0	0
0.038823	0	0	0	0	0	0
0.028331	0	0	0	0	0	0
0.151078	0	0	0	0	0	0
0.020261	0	0	0	0	0	0
0.017239	0	0	0	0	0	0
0.027656	0	0	0	0	0	0
0.02649	0	0	0	0	0	0
0.04354	0	0	0	0	0	0
0.014442	0	0	0	0	0	0
0.01035	0	0	0	0	0	0
0.003076	0	0	0	0	0	0
0.007139	0	0	0	0	0	0
0.015546	0	0	0	0	0	0
0.019666	0	0	0	0	0	0
0.02468	0.01	0	0	0	0	0

0.008856	0	0	0	0	0	0
0.00148	0	0	0	0	0	0
0.001192	0	0	0	0	0	0
0.002258	0	0	0	0	0	0
0.006192	0	0	0	0	0	0
0.00254	0	0	0	0	0	0
0.002069	0	0	0	0	0	0
0.002009	0	0	0	0	0	0
0.004763	0	0	0	0	0	0
0.004442	0	0	0	0	0	0
0.007882	0	0	0	0	0	0
0.00819	0	0	0	0	4	4
0.003275	0	4	0	0	0	4
0.046823	0	0	0	0	0	0
0.008231	0	0	0	0	0	0
0.030564	0	0	0	0	0	0
0.058218	0	0	0	0	0	0
0.085984	0	0	0	0	0	0
0.055255	0	0	0	0	0	0
0.036308	0	0	0	0	0	0
0.058959	0	0	0	0	0	0
0.059241	0	0	0	0	0	0
0.03554	0	0	0	0	0	0
0.048774	0	0	0	0	0	0
0.020478	0	0	0	0	0	0
0.023155	0	0	0	0	0	0
0.034886	0	0	0	0	0	0
0.051415	0	0	0	0	0	0
0.055239	0	0	0	0	3	3
0.047584	0	3	0	0	0	3
0.070654	0	0	0	0	0	0
0.168287	0	0	0	0	0	0
0.045214	0	0	0	0	0	0
0.028508	0	0	0	0	0	0
0.008125	0	0	0	0	0	0
0.024205	0	0	0	0	0	0
0.121726	0	0	0	0	0	0
0.127484	0	0	0	0	0	0
0.038151	0	0	0	0	0	0
0.13478	0	0	0	0	0	0
0.009374	0	0	0	0	0	0
0.041011	0	0	0	0	0	0
0.008861	0	0	0	0	0	0
0.028989	0	0	0	0	0	0
0.04118	0	0	0	0	0	0
0.02442	0	0	0	0	0	0
0.030619	0	0	0	0	0	0
0.059626	0	0	0	0	0	0
0.136413	0	0	0	0	0	0
0.220723	0	0	0	0	0	0

0.099417	0	0	0	0	0	0
0.287263	0.01	0	0	0	0	0
0.150228	0	0	0	0	0	0
0.067697	0	0	0	0	0	0
0.14616	0	0	0	0	0	0
0.060888	0	0	0	0	0	0
0.078149	0	0	0	0	0	0
0.119428	0	0	0	0	0	0
0.065756	0	0	0	0	0	0
0.598129	0	0	0	0	9	9
0.079025	0	9	0	0	0	9
0.1429	0	0	0	0	0	0
0.398077	0	0	0	0	0	0
0.061455	0	0	0	0	0	0
0.05676	0	0	0	0	0	0
0.019605	0	0	0	0	0	0
0.022582	0	0	0	0	0	0
0.019078	0	0	0	0	0	0
0.07059	0	0	0	0	0	0
0.010641	0	0	0	0	0	0
0.020435	0	0	0	0	0	0
0.034737	0	0	0	0	0	0
0.042422	0	0	0	0	0	0
0.008003	0	0	0	0	0	0
0.017501	0	0	0	0	0	0
0.031206	0	0	0	0	0	0
0.037495	0	0	0	0	0	0
0.007555	0	0	0	0	0	0
0.022198	0	0	0	0	0	0
0.175415	0.03	0	0	0	0	0
0.095309	0	0	0	0	0	0
0.041662	0	0	0	0	0	0
0.019259	0	0	0	0	0	0
0.519451	0	0	0	0	0	0
0.054952	0	0	0	0	0	0
0.0208	0	0	0	0	0	0
0.050092	0	0	0	0	0	0
0.019772	0	0	0	0	0	0
0.027134	0	0	0	0	0	0
0.016878	0	0	0	0	0	0
0.019574	0	0	0	0	0	0
0.013462	0	0	0	0	0	0
0.012112	0	0	0	0	0	0
0.019815	0	0	0	0	0	0
0.017396	0	0	0	0	0	0
0.014833	0	0	0	0	0	0
0.008618	0	0	0	0	0	0
0.030357	0	0	0	0	0	0
0.01008	0	0	0	0	0	0
0.028355	0	0	0	0	0	0

0.022836	0	0	0	0	0	0
0.018357	0	0	0	0	0	0
0.01556	0	0	0	0	0	0
0.044003	0	0	0	0	0	0
0.018404	0	0	0	0	0	0
0.031783	0	0	0	0	0	0
0.022262	0	0	0	0	0	0
0.040187	0	0	0	0	0	0
0.128715	0	0	0	0	0	0
0.021097	0	0	0	0	0	0
0.014791	0	0	0	0	0	0
0.055026	0	0	0	0	0	0
0.022214	0	0	0	0	0	0
0.005539	0	0	0	0	0	0
0.008515	0	0	0	0	0	0
0.015228	0	0	0	0	0	0
0.021834	0	0	0	0	5	5
0.034665	0.01	5	0	0	0	5
0.011344	0	0	0	0	0	0
0.053964	0	0	0	0	0	0
0.006982	0	0	0	0	0	0
0.046307	0	0	0	0	0	0
0.02503	0	0	0	0	0	0
0.038803	0	0	0	0	0	0
0.019975	0	0	0	0	0	0
0.046779	0	0	0	0	0	0
0.019016	0	0	0	0	0	0
0.021468	0	0	0	0	0	0
0.014097	0	0	0	0	0	0
0.066261	0	0	0	0	0	0
0.01311	0	0	0	0	0	0
0.00088	0	0	0	0	0	0
0.002521	0	0	0	0	0	0
0.003492	0	0	0	0	0	0
0.003571	0	0	0	0	0	0
0.000194	0	0	0	0	0	0
0.00132	0	3	0	0	0	3
0.002824	0	0	0	0	0	0
0.00073	0	0	0	0	0	0
0.000488	0	0	0	0	0	0
0.001424	0	0	0	0	0	0
0.000242	0	0	0	0	0	0
0.000436	0	0	0	0	0	0
0.000614	0	0	0	0	0	0
0.000233	0	0	0	0	0	0
0.001387	0	0	0	0	0	0
0.001046	0	0	0	0	0	0
0.000523	0	0	0	0	0	0
0.000618	0	0	0	0	0	0
0.000558	0	0	0	0	0	0

0.001001	0	0	0	0	0	0
0.000803	0	0	0	0	0	0
0.000273	0	0	0	0	0	0
0.000327	0	0	0	0	0	0
0.001033	0	0	0	0	4	4
0.000162	0	4	0	0	0	4
0.000486	0	0	0	0	0	0
0.000379	0	0	0	0	0	0
0.000216	0	0	0	0	0	0
0.000298	0	0	0	0	0	0
0.000213	0	0	0	0	0	0
0.000117	0	0	0	0	0	0
0.000273	0	0	0	0	0	0
0.000026	0	0	0	0	0	0
0.000172	0	0	0	0	0	0
0.00197	0	0	0	0	0	0
0.060336	0	0	0	0	0	0
0.047398	0	0	0	0	0	0
0.05863	0	0	0	0	0	0
0.22109	0	0	0	0	0	0
0.046091	0	0	0	0	0	0
0.049309	0	0	0	0	0	0
0.056913	0	0	0	0	0	0
0.117476	0	0	0	0	0	0
0.05735	0	0	0	0	0	0
0.052148	0	0	0	0	0	0
0.051779	0	0	0	0	0	0
0.030617	0	0	0	0	0	0
0.056318	0	0	0	0	0	0
0.045233	0	0	0	0	0	0
0.039415	0	0	0	0	0	0
0.044715	0	0	0	0	0	0
0.048482	0	0	0	0	0	0
0.047462	0	0	0	0	0	0
0.03219	0	0	0	0	0	0
0.035469	0	0	0	0	0	0
0.028756	0	0	0	0	0	0
0.031694	0	0	0	0	0	0
0.044469	0	0	0	0	0	0
0.073352	0	0	0	0	0	0
0.319491	0	0	0	0	0	0
0.012758	0	0	0	0	0	0
0.021585	0	0	0	0	0	0
0.052829	0	0	0	0	0	0
0.048024	0	0	0	0	0	0
0.056884	0	0	0	0	0	0
0.055437	0	0	0	0	0	0
0.075631	0	0	0	0	0	0
0.049725	0	0	0	0	0	0
0.087466	0	0	0	0	0	0

0.168491	0	0	0	0	0	0
0.071829	0	0	0	0	0	0
0.007519	0	0	0	0	0	0
0.007756	0	0	0	0	0	0
0.016273	0	0	0	0	0	0
0.020346	0	0	0	0	0	0
0.004196	0	0	0	0	0	0
0.034729	0	0	0	0	0	0
0.113749	0.01	0	0	0	0	0
0.010017	0	0	0	0	0	0
0.003167	0	0	0	0	0	0
0.003139	0	0	0	0	0	0
0.002386	0	0	0	0	0	0
0.005029	0	0	0	0	0	0
0.011203	0	0	0	0	0	0
0.001585	0	0	0	0	0	0
0.005029	0	0	0	0	0	0
0.003036	0	0	0	0	0	0
0.148831	0	0	0	0	0	0
0.006648	0	0	0	0	0	0
0.006661	0	0	0	0	0	0
0.003402	0	0	0	0	0	0
0.008043	0	0	0	0	0	0
0.017662	0	0	0	0	0	0
0.008796	0	0	0	0	0	0
0.003788	0	0	0	0	0	0
0.015937	0	0	0	0	0	0
0.003955	0	0	0	0	0	0
0.007297	0	0	0	0	0	0
0.026171	0	0	0	0	0	0
0.003158	0	0	0	0	0	0
0.012458	0	0	0	0	0	0
0.006301	0	0	0	0	0	0
0.043934	0	0	0	0	0	0
0.015237	0	0	0	0	0	0
0.022641	0	0	0	0	0	0
0.024841	0	0	0	0	0	0
0.031354	0	0	0	0	0	0
0.006581	0	0	0	0	0	0
0.005676	0	0	0	0	0	0
0.088108	0	0	0	0	0	0
0.041262	0	0	0	0	0	0
0.163219	0	0	0	0	0	0
0.131499	0	0	0	0	0	0
0.06926	0	0	0	0	0	0
0.727612	0	0	0	0	0	0
0.159301	0	0	0	0	0	0
0.014492	0	0	0	0	0	0
0.146332	0	0	0	0	0	0
0.364435	0	0	0	0	0	0

0.274936	0	0	0	0	0	0
0.218575	0.01	0	0	0	0	0
0.028275	0.01	0	0	0	0	0
0.000225	0	0	0	0	0	0
0.025125	0	0	0	0	0	0
0.00796	0	0	0	0	0	0
0.006996	0	0	0	0	0	0
0.010166	0	0	0	0	0	0
0.051639	0	0	0	4	0	4
0.032579	0	0	0	0	0	0
0.004262	0	0	0	0	0	0
0.00494	0	0	0	0	0	0
0.004255	0	0	0	0	0	0
0.003146	0	0	0	0	0	0
0.002923	0	0	0	0	0	0
0.016358	0	0	0	0	0	0
0.007313	0	0	0	0	0	0
0.00879	0	0	0	0	0	0
0.0044	0	0	0	0	0	0
0.008703	0	0	0	0	0	0
0.012688	0	0	0	0	0	0
0.015969	0	0	0	0	0	0
0.010856	0	0	0	0	0	0
0.008479	0	0	0	0	0	0
0.010967	0	0	0	0	0	0
0.006749	0	0	0	0	0	0
0.006177	0	0	0	0	0	0
0.549609	0	0	0	0	0	0
0.028231	0	0	0	0	0	0
0.008708	0	0	0	0	0	0
0.018016	0	0	0	0	0	0
0.024905	0	0	0	0	0	0
0.035034	0	0	0	0	0	0
0.057288	0	0	0	0	0	0
0.031279	0	0	0	0	0	0
0.017477	0	0	0	0	0	0
0.026072	0	0	0	0	0	0
0.055473	0	0	0	1	0	1
0.033667	0	0	0	0	0	0
0.036467	0	0	0	0	0	0
0.014952	0	0	0	0	0	0
0.015259	0	0	0	0	0	0
0.017764	0	0	0	0	0	0
0.749449	0.28	0	0	0	0	0
0.044798	0	0	0	0	0	0
0.050104	0	0	0	0	0	0
0.043423	0	0	0	0	0	0
0.664701	0.18	0	0	0	0	0
0.140694	0	0	0	0	0	0
0.043462	0	0	0	0	0	0

0.27662	0	0	0	0	0	0
0.052307	0	0	0	0	0	0
0.042631	0	0	0	0	0	0
0.078222	0	0	0	0	0	0
0.021312	0	0	0	0	0	0
0.218582	0	0	0	0	0	0
0.058238	0	0	0	0	0	0
0.228377	0	0	0	0	0	0
0.074653	0	0	0	0	0	0
0.540728	0.21	0	0	0	0	0
0.02989	0	0	0	0	0	0
0.006942	0	0	0	0	0	0
0.014892	0	0	0	0	0	0
0.01412	0	0	0	0	0	0
0.020373	0	0	0	0	0	0
0.016748	0	0	0	0	0	0
0.01755	0	0	0	0	0	0
0.029205	0	0	0	0	0	0
0.002696	0	0	0	0	0	0
0.004158	0	0	0	0	0	0
0.00187	0	0	0	0	0	0
0.002337	0	0	0	0	0	0
0.001731	0	0	0	0	0	0
0.004608	0	0	0	0	0	0
0.00274	0	0	0	0	0	0
0.003061	0	0	0	0	0	0
0.000836	0	0	0	0	0	0
0.001284	0	0	0	0	0	0
0.003615	0	0	0	0	0	0
0.01093	0	0	0	0	0	0
0.003711	0	0	0	0	0	0
0.014064	0	0	0	0	0	0
0.001566	0	0	0	0	0	0
0.00253	0	0	0	0	0	0
0.002953	0	0	0	0	0	0
0.001675	0	0	0	0	0	0
0.003467	0	0	0	0	0	0
0.023786	0	0	0	0	0	0
0.014615	0	0	0	0	0	0
0.026729	0	0	0	0	0	0
0.008728	0	0	0	0	0	0
0.004778	0	0	0	0	0	0
0.020854	0	0	0	0	0	0
0.028238	0	0	0	0	0	0
0.003808	0	0	0	0	0	0
0.004954	0	0	0	0	0	0
0.009126	0	0	0	0	0	0
0.006926	0	0	0	0	0	0
0.013129	0	0	0	0	0	0
0.007522	0	0	0	0	0	0



0.00825	0	0	0	0	5	5
0.005563	0	5	0	0	0	5
0.025103	0	0	0	0	0	0
0.003098	0	0	0	0	0	0
0.010476	0	0	0	0	0	0
0.00546	0	0	0	0	0	0
0.005667	0	0	0	0	0	0
0.004502	0	0	0	0	0	0
0.001835	0	0	0	0	0	0
0.00143	0	0	0	0	0	0
0.002761	0	0	0	0	0	0
0.003881	0	0	0	0	0	0
0.005195	0	0	0	0	0	0
0.00395	0	0	0	0	0	0
0.016965	0	0	0	0	0	0
0.00603	0	0	0	0	0	0
0.009825	0	0	0	0	0	0
0.004531	0	0	0	0	0	0
0.006579	0	0	0	0	0	0
0.253093	0.03	0	0	0	10	10
0.136772	0.03	10	0	0	0	10
0.006358	0	0	0	0	0	0
0.004725	0	0	0	0	0	0
0.010355	0	0	0	0	0	0
0.039299	0	0	0	0	0	0
0.075401	0	0	0	0	0	0
0.007201	0	0	0	0	0	0
0.002367	0	0	0	0	0	0
0.009146	0	0	0	0	0	0
0.010735	0	0	0	0	0	0
0.01195	0	0	0	0	0	0
0.003475	0	0	0	0	0	0
0.00435	0	0	0	0	0	0
0.019267	0	0	0	0	0	0
0.005383	0	0	0	0	0	0
0.003931	0	0	0	0	0	0
0.005482	0	0	0	0	0	0
0.049865	0	0	0	0	0	0
0.004933	0	0	0	0	0	0
0.044989	0	0	0	0	0	0
0.045057	0	0	0	0	0	0
0.078971	0	0	0	0	0	0
0.076181	0	0	0	0	0	0
0.08623	0	0	0	0	0	0
0.104673	0	0	0	5	0	5
0.067433	0	0	0	0	0	0
0.077695	0	0	0	0	0	0
0.042191	0	0	0	0	0	0
0.106021	0	0	0	0	0	0
0.096566	0	0	0	0	0	0

0.012519	0	0	0	0	0	0
0.009111	0	0	0	0	0	0
0.004915	0	0	0	0	0	0
0.003345	0	0	0	0	0	0
0.012144	0	0	0	0	0	0
0.010343	0	0	0	0	0	0
0.090524	0.03	0	0	0	0	0
0.006145	0	0	0	0	0	0
0.035418	0	0	0	0	0	0
0.060071	0	0	0	0	0	0
0.009313	0	0	0	0	0	0
0.055466	0	0	0	0	0	0
0.083108	0	0	0	0	0	0
0.002292	0	0	0	0	0	0
0.00854	0	0	0	0	0	0
0.011956	0	0	0	0	0	0
0.006248	0.01	0	0	0	7	7
0.084133	0	7	0	0	0	7
0.010864	0	0	0	0	0	0
0.033392	0	0	0	0	0	0
0.006015	0	0	0	0	0	0
0.023362	0.01	0	0	0	0	0
0.012111	0	0	0	0	0	0
0.005569	0	0	0	0	0	0
0.084846	0	0	0	0	0	0
0.02273	0	0	0	0	0	0
0.026461	0	0	0	0	0	0
0.01126	0	0	0	0	0	0
0.020969	0	0	0	0	0	0
0.021646	0	0	0	0	0	0
0.016494	0	0	0	0	0	0
0.024613	0	0	0	0	0	0
0.015584	0	0	0	0	0	0
0.035475	0	0	0	0	0	0
0.013044	0	0	0	0	0	0
0.026362	0	0	0	0	0	0
0.275411	0	0	0	0	0	0
0.007755	0	0	0	0	0	0
0.026403	0	0	0	0	6	6
0.1096	0	6	0	0	0	6
0.015173	0	0	0	0	0	0
0.030692	0	0	0	0	0	0
0.008244	0	0	0	0	0	0
0.034979	0	0	0	0	0	0
0.025381	0	0	0	0	0	0
0.11029	0	0	0	0	0	0
0.017027	0	0	0	0	0	0
0.008779	0	0	0	0	0	0
0.01023	0	0	0	0	0	0
0.028285	0	0	0	0	0	0

0.009973	0	0	0	0	0	0
0.004604	0	0	0	0	0	0
0.01875	0	0	0	0	0	0
0.011509	0	0	0	0	0	0
0.025606	0	0	0	0	0	0
0.01291	0	0	0	0	0	0
0.010235	0	0	0	0	0	0
0.011395	0	0	0	0	0	0
0.01891	0	0	0	0	0	0
0.023009	0	0	0	0	0	0
0.022491	0	0	0	0	0	0
0.315679	0.11	0	0	0	0	0
0.166219	0	0	0	0	0	0
0.054671	0	0	0	0	0	0
0.487821	0.17	0	0	0	0	0
0.087371	0	0	0	0	0	0
0.054808	0	0	0	0	0	0
0.095867	0	0	0	0	0	0
0.059932	0	0	0	0	0	0
0.129201	0	0	0	0	0	0
0.21695	0.03	0	0	0	0	0
0.267665	0	0	0	0	0	0
0.02658	0	0	0	0	0	0
0.030264	0	0	0	0	0	0
0.047831	0	0	0	0	0	0
0.011887	0	0	0	0	0	0
0.034598	0	0	0	0	0	0
0.023555	0	0	0	0	0	0
0.036204	0	0	0	0	0	0
0.069543	0	0	0	0	0	0
0.03798	0	0	0	0	0	0
0.057459	0	0	0	0	0	0
0.039643	0	0	0	0	0	0
0.029047	0	0	0	0	0	0
0.059036	0	0	0	0	0	0
0.046536	0	0	0	0	0	0
0.03105	0	0	0	0	0	0
0.034154	0	0	0	0	0	0
0.035394	0	0	0	0	0	0
0.029936	0	0	0	0	0	0
0.039956	0	0	0	0	0	0
0.076825	0	0	0	0	0	0
0.039221	0	0	0	0	0	0
0.030961	0	0	0	0	0	0
0.025746	0	0	0	0	0	0
0.051751	0	0	0	0	0	0
0.038807	0	0	0	0	0	0
0.044574	0	0	0	0	0	0
0.057045	0	0	0	0	0	0
0.047022	0	0	0	0	0	0

0.039604	0	0	0	0	0	0
0.035197	0	0	0	0	0	0
0.037496	0	0	0	0	0	0
0.027688	0	0	0	0	0	0
0.035899	0	0	0	0	0	0
0.024709	0	0	0	0	0	0
0.034817	0	0	0	0	0	0
0.02083	0	0	0	0	0	0
0.021869	0	0	0	0	0	0
0.015963	0	0	0	0	0	0
0.014772	0	0	0	0	0	0
0.016304	0	0	0	0	0	0
0.01804	0	0	0	0	0	0
0.023048	0	0	0	0	7	7
0.022776	0	7	0	0	6	13
0.013396	0	6	0	0	0	6
0.013328	0	0	0	0	0	0
0.030086	0	0	0	0	0	0
0.016271	0	0	0	0	0	0
0.016872	0	0	0	0	0	0
0.013466	0	0	0	0	0	0
0.011456	0	0	0	0	0	0
0.009082	0	0	0	0	0	0
0.013679	0	0	0	0	7	7
0.009737	0	7	0	0	0	7
0.020349	0	0	0	0	0	0
0.013134	0	0	0	0	0	0
0.012285	0	0	0	0	0	0
0.047427	0	0	0	0	0	0
0.006663	0	0	0	0	8	8
0.008192	0	8	0	0	0	8
0.013887	0	0	0	0	0	0
0.0158	0	0	0	0	0	0
0.008519	0	0	0	0	0	0
0.00681	0	0	0	0	0	0
0.006997	0	0	0	0	0	0
0.008884	0	0	0	0	0	0
0.005091	0	0	0	0	0	0
0.005724	0	0	0	0	0	0
0.047907	0	0	0	0	0	0
0.005471	0	0	0	0	0	0
0.006493	0	0	0	0	0	0
0.007765	0	0	0	0	0	0
0.012166	0	0	0	0	0	0
0.004995	0	0	0	0	0	0
0.008459	0	0	0	0	0	0
0.002833	0	0	0	0	0	0
0.059466	0	0	2	0	0	2
0.073604	0	0	0	0	0	0
0.051795	0	0	0	0	0	0

0.047971	0	0	0	0	0	0
0.064299	0	0	0	0	0	0
0.009969	0	0	0	0	0	0
0.008488	0	0	0	0	0	0
0.011878	0	0	0	0	0	0
0.005442	0	0	0	0	0	0
0.010563	0	0	0	0	0	0
0.006229	0	0	0	0	0	0
0.004765	0	0	0	0	0	0
0.005335	0	0	0	0	0	0
0.114567	0	0	0	0	0	0
0.004803	0	0	0	0	0	0
0.010861	0	0	0	0	0	0
0.007289	0	0	0	0	0	0
0.020216	0	0	0	0	0	0
0.005792	0	0	0	0	0	0
0.003499	0	0	0	0	0	0
0.012947	0	0	0	0	0	0
0.015864	0	0	0	0	0	0
0.022742	0	0	0	0	0	0
0.01695	0	0	0	0	0	0
0.009609	0	0	0	0	0	0
0.024127	0	0	0	0	0	0
0.010936	0	0	0	0	0	0
0.006937	0	0	0	0	0	0
0.008443	0	0	0	0	0	0
0.004949	0	0	0	0	0	0
0.022436	0	0	0	0	0	0
0.015132	0	0	0	0	0	0
0.002265	0	0	0	0	0	0
0.060718	0.02	0	0	0	0	0
0.004944	0	0	0	0	0	0
0.013188	0	0	0	0	0	0
0.114854	0	0	0	0	0	0
0.015398	0	0	0	0	0	0
0.009176	0	0	0	0	0	0
0.021191	0	0	0	0	0	0
0.021199	0	0	0	0	0	0
0.036566	0.01	0	0	0	0	0
0.007855	0	0	0	0	0	0
0.003353	0	0	0	0	0	0
0.002262	0	0	0	0	0	0
0.005106	0	0	0	0	0	0
0.003459	0	0	0	0	0	0
0.020273	0	0	0	0	0	0
0.041352	0	0	0	0	0	0
0.017298	0	0	0	0	0	0
0.06562	0	0	0	0	0	0
0.019761	0	0	0	0	0	0
0.036544	0	0	0	0	0	0

0.039326	0	0	0	0	0	0
0.029883	0	0	0	0	0	0
0.018911	0	0	0	0	0	0
0.02653	0	0	0	0	0	0
0.025621	0	0	0	0	0	0
0.021829	0	0	0	0	0	0
0.019515	0	0	0	0	0	0
0.028718	0	0	0	0	0	0
0.03277	0	0	0	0	0	0
0.05215	0	0	0	0	0	0
0.017388	0	0	0	0	0	0
0.07553	0	0	0	0	0	0
0.024087	0	0	0	0	0	0
0.015273	0	0	0	0	0	0
0.010183	0	0	0	0	0	0
0.027693	0	0	0	0	0	0
0.025544	0	0	0	0	0	0
0.029477	0	0	0	0	0	0
0.1114	0	0	0	0	0	0
0.045989	0	0	0	0	0	0
0.03959	0	0	0	0	0	0
0.050425	0	0	0	0	0	0
0.02161	0	0	0	0	0	0
0.014323	0	0	0	0	0	0
0.015778	0	0	0	0	0	0
0.009702	0	0	0	0	0	0
0.068266	0	0	0	0	0	0
0.00763	0	0	0	0	0	0
0.808096	0.41	0	0	0	0	0
0.016193	0	0	0	0	0	0
0.016184	0	0	0	0	0	0
0.013509	0	0	0	0	0	0
0.015657	0	0	0	0	0	0
0.010577	0	0	0	0	0	0
0.010937	0	0	0	0	0	0
0.01288	0	0	0	0	0	0
0.012539	0	0	0	0	0	0
0.012896	0	0	0	0	0	0
0.017092	0	0	0	0	0	0
0.013268	0	0	0	0	0	0
0.008876	0	0	0	0	0	0
0.006851	0	0	0	0	0	0
0.00724	0	0	0	0	0	0
0.007747	0	0	0	0	4	4
0.330348	0	4	0	0	0	4
0.012034	0	0	0	0	0	0
0.012841	0	0	0	0	0	0
0.01066	0	0	0	0	0	0
0.013014	0	0	0	0	0	0
0.010905	0	0	0	0	0	0

0.008311	0	0	0	0	0	0
0.006051	0	0	0	0	0	0
0.032518	0	0	0	0	0	0
0.00595	0	0	0	0	0	0
0.003912	0	0	0	0	0	0
0.003868	0	0	0	0	0	0
0.011835	0	0	0	0	0	0
0.004528	0	0	0	0	0	0
0.007989	0	0	0	0	0	0
0.002788	0	0	0	0	0	0
0.002385	0	0	0	0	0	0
0.058705	0	0	0	0	0	0
0.005253	0	0	0	0	0	0
0.024968	0	0	0	0	0	0
0.072677	0	0	0	0	0	0
0.019134	0	0	0	0	0	0
0.016073	0	0	0	0	0	0
0.017152	0	0	0	0	0	0
0.033784	0	0	0	0	0	0
0.025184	0	0	0	0	0	0
0.054391	0	0	0	0	0	0
0.261254	0	0	0	0	0	0
0.228276	0	0	0	0	0	0
0.041017	0	0	0	0	0	0
0.031423	0	0	0	0	0	0
0.024618	0	0	0	0	0	0
0.028766	0	0	0	0	0	0
0.022259	0	0	0	0	0	0
0.041826	0	0	0	0	0	0
0.078803	0	0	0	0	0	0
0.103914	0	0	0	0	0	0
0.147205	0	0	0	0	0	0
0.070139	0	0	0	0	0	0
0.037255	0	0	0	0	0	0
0.05465	0	0	0	0	0	0
0.064927	0	0	0	0	0	0
0.030922	0	0	0	0	0	0
0.041334	0	0	0	0	0	0
0.020218	0	0	0	0	0	0
0.042445	0	0	0	0	7	7
0.026765	0	7	0	0	0	7
0.155612	0	0	0	0	0	0
0.050107	0	0	0	0	0	0
0.019572	0	0	0	0	0	0
0.286579	0.04	0	0	0	0	0
0.053308	0	0	0	0	0	0
0.05405	0	0	0	0	0	0
0.069844	0	0	0	0	0	0
0.036142	0	0	0	0	0	0
0.065033	0	0	0	0	0	0

0.050366	0	0	0	0	0	0
0.031916	0	0	0	0	0	0
0.053677	0	0	0	0	0	0
0.054368	0	0	0	0	0	0
0.05071	0	0	0	0	0	0
0.042559	0	0	0	0	0	0
0.041633	0	0	0	0	0	0
0.032252	0	0	0	0	0	0
0.041849	0	0	0	0	0	0
0.058597	0	0	0	0	0	0
0.148955	0	0	0	0	0	0
0.03046	0	0	0	0	0	0
0.079782	0	0	0	0	0	0
0.062269	0	0	0	0	0	0
0.054258	0	0	0	0	0	0
0.048696	0	0	0	0	0	0
0.065669	0	0	0	0	0	0
0.050857	0	0	0	0	0	0
0.036555	0	0	0	0	0	0
0.022672	0	0	0	0	0	0
0.039003	0	0	0	0	0	0
0.032231	0	0	0	0	0	0
0.042117	0	0	0	0	0	0
0.035281	0	0	0	0	0	0
0.031637	0	0	0	0	0	0
0.034152	0	0	0	0	0	0
0.032463	0	0	0	0	0	0
0.030395	0	0	0	0	0	0
0.044776	0	0	0	0	0	0
0.033468	0	0	0	0	0	0
0.034837	0	0	0	0	0	0
0.03777	0	0	0	0	0	0
0.016518	0	0	0	0	0	0
0.030649	0	0	0	0	0	0
0.033883	0	0	0	0	0	0
0.023815	0	0	0	0	0	0
0.023665	0	0	0	0	0	0
0.026824	0	0	0	0	0	0
0.028523	0	0	6	6	0	12
0.031598	0	0	0	0	0	0
0.022742	0	0	0	0	0	0
0.011343	0	0	0	0	0	0
0.04482	0	0	0	0	0	0
0.011262	0	0	0	0	0	0
0.012916	0	0	0	0	0	0
0.016144	0	0	0	0	0	0
0.275395	0	0	0	0	0	0
0.050021	0	0	0	0	0	0
0.031436	0	0	0	0	0	0
0.028972	0	0	0	0	0	0



0.030082	0	0	0	0	0	0
0.084321	0	0	0	0	0	0
0.012551	0	0	0	0	0	0
0.089235	0	0	0	0	0	0
0.025978	0	0	0	0	0	0
0.01894	0	0	0	0	0	0
0.043179	0	0	0	0	0	0
0.024913	0	0	0	0	0	0
0.016742	0	0	0	0	0	0
0.016701	0	0	0	0	10	10
0.046625	0	10	0	0	0	10
0.035844	0	0	0	0	0	0
0.017354	0	0	0	0	0	0
0.035517	0	0	0	0	0	0
0.031	0	0	0	0	0	0
0.052608	0	0	0	0	0	0
0.024147	0	0	0	0	0	0
0.039267	0	0	0	0	0	0
0.033802	0	0	0	0	4	4
0.049663	0	4	0	0	0	4
0.126593	0	0	0	0	0	0
0.083028	0	0	0	0	0	0
0.016518	0	0	0	0	0	0
0.036932	0	0	0	0	0	0
0.058122	0	0	0	0	0	0
0.033549	0	0	0	0	0	0
0.380067	0	0	7	0	0	7
0.019071	0	0	0	0	0	0
0.12677	0	0	0	0	0	0
0.195034	0	0	0	0	0	0
0.032279	0	0	0	0	0	0
0.048375	0	0	0	0	0	0
0.071593	0	0	0	0	0	0
0.060821	0	0	0	0	0	0
0.124386	0	0	0	0	0	0
0.028974	0	0	0	0	0	0
0.046546	0	0	0	0	0	0
0.023997	0	0	0	0	0	0
0.020974	0	0	0	0	0	0
0.032541	0	0	0	0	0	0
0.038741	0	0	0	0	0	0
0.03344	0	0	0	0	0	0
0.034413	0	0	0	0	0	0
0.014258	0	0	0	0	0	0
0.013177	0	0	0	0	0	0
0.016982	0	0	0	0	0	0
0.022242	0	0	0	0	0	0
0.028965	0	0	0	0	0	0
0.018614	0	0	0	0	0	0
0.034174	0	0	0	0	0	0

0.03944	0	0	0	0	0	0
0.02531	0	0	0	0	0	0
0.027447	0	0	0	0	0	0
0.013736	0	0	0	0	0	0
0.007218	0	0	0	0	0	0
0.008132	0	0	0	0	0	0
0.01053	0	0	0	0	0	0
0.021275	0	0	0	0	0	0
0.017662	0	0	0	0	0	0
0.052695	0	0	0	0	0	0
0.017111	0	0	0	0	0	0
0.004513	0	0	0	0	0	0
0.011163	0	0	0	0	0	0
0.014063	0	0	0	0	0	0
0.011184	0	0	0	0	0	0
0.006403	0	0	0	0	0	0
0.00528	0	0	0	0	0	0
0.003013	0	0	0	0	0	0
0.014278	0	0	0	0	0	0
0.005521	0	0	0	0	0	0
0.005377	0	0	0	0	0	0
0.003783	0	0	0	0	0	0
0.003447	0	0	0	0	0	0
0.00359	0	0	0	0	0	0
0.003628	0	0	0	0	0	0
0.003069	0	0	0	0	0	0
0.003231	0	0	0	0	0	0
0.002364	0	0	0	0	0	0
0.002228	0	0	0	0	0	0
0.001676	0	0	0	0	0	0
0.005448	0	0	0	0	0	0
0.019231	0	0	0	0	0	0
0.013429	0	0	0	0	0	0
0.006466	0.01	0	0	0	0	0
0.002649	0	0	0	0	0	0
0.024645	0	0	0	0	0	0
0.001963	0	0	0	0	0	0
0.005202	0	0	0	0	0	0
0.005187	0	0	0	0	0	0
0.003653	0	0	0	0	0	0
0.00761	0	0	0	0	0	0
0.002793	0	0	0	0	0	0
0.001929	0	0	0	0	0	0
0.001791	0	0	0	0	0	0
0.03967	0	0	0	0	0	0
0.023817	0	0	0	0	0	0
0.027919	0	0	0	0	0	0
0.037293	0	0	0	0	0	0
0.034029	0	0	0	0	0	0
0.027686	0	0	0	0	0	0

0.035282	0	0	0	0	0	0
0.032042	0	0	0	0	0	0
0.036192	0	0	0	0	0	0
0.085231	0	0	0	0	0	0
0.046127	0	0	0	0	0	0
0.020454	0	0	0	0	0	0
0.046656	0	0	0	0	0	0
0.032171	0	0	0	0	0	0
0.029578	0	0	0	0	0	0
0.127105	0	0	0	0	0	0
0.019496	0	0	0	0	0	0
0.024137	0	0	0	0	0	0
0.24299	0	0	0	0	0	0
0.043785	0	0	0	0	0	0
0.05797	0	0	0	0	0	0
0.051338	0	0	0	0	0	0
0.053857	0	0	0	0	0	0
0.049079	0	0	0	0	0	0
0.065664	0	0	0	0	0	0
0.055681	0	0	0	0	0	0
0.075878	0	0	0	0	0	0
0.027887	0	0	0	0	0	0
0.021089	0	0	0	0	0	0
0.131204	0	0	0	0	0	0
0.078931	0	0	0	0	0	0
0.058955	0	0	0	0	0	0
0.114097	0	0	0	0	0	0
0.028213	0	0	0	0	0	0
0.415756	0	0	0	0	0	0
0.0841	0	0	0	0	0	0
0.063807	0	0	0	0	0	0
0.034131	0	0	0	0	0	0
0.053653	0	0	0	0	0	0
0.087912	0	0	0	0	0	0
0.036441	0	0	0	0	0	0
0.054945	0	0	0	0	0	0
0.059057	0	0	0	0	0	0
0.055432	0	0	0	0	0	0
0.053009	0	0	0	0	0	0
0.04469	0	0	0	0	0	0
0.086056	0	0	0	0	0	0
0.120281	0	0	0	0	0	0
0.065198	0	0	0	0	0	0
0.030102	0	0	0	0	0	0
0.01112	0	0	0	0	0	0
0.014887	0	0	0	0	0	0
0.016661	0	0	0	0	0	0
0.015487	0	0	0	0	0	0
0.015893	0	0	0	0	0	0
0.024796	0	0	0	0	0	0

0.013272	0	0	0	0	0	0
0.001775	0	0	0	0	0	0
0.00538	0	0	0	0	0	0
0.002782	0	0	0	0	0	0
0.002962	0	0	0	0	0	0
0.001569	0	0	0	0	0	0
0.001397	0	0	0	0	0	0
0.002162	0	0	0	0	0	0
0.001088	0	0	0	0	0	0
0.032953	0	0	0	0	0	0
0.001222	0	0	0	0	0	0
0.007668	0	0	0	0	0	0
0.002787	0	0	0	0	0	0
0.001063	0	0	0	0	0	0
0.001692	0	0	0	0	0	0
0.000996	0	0	0	0	0	0
0.015695	0	0	0	0	0	0
0.003175	0	0	0	0	0	0
0.003822	0	0	0	0	0	0
0.002621	0	0	0	0	0	0
0.00265	0	0	0	0	0	0
0.003565	0	0	0	0	0	0
0.001602	0	0	0	0	0	0
0.002597	0	0	0	0	0	0
0.001901	0	0	0	0	0	0
0.002712	0	0	0	0	0	0
0.002446	0	0	0	0	0	0
0.016813	0	0	0	0	0	0
0.008046	0	0	0	0	0	0
0.274701	0	0	0	0	15	15
0.009614	0	15	0	0	0	15
0.020739	0	0	0	0	0	0
0.008347	0	0	0	0	0	0
0.01147	0	0	0	0	0	0
0.005651	0	0	0	0	0	0
0.046309	0	0	0	0	0	0
0.04849	0	0	0	0	8	8
0.019088	0	0	0	0	0	0
0.007225	0	0	0	0	0	0
0.009333	0	0	0	0	0	0
0.003897	0	0	0	0	0	0
0.004374	0	0	0	0	0	0
0.006152	0	0	0	0	0	0
0.013929	0	0	0	0	0	0
0.020855	0	0	0	0	0	0
0.015999	0	0	0	0	0	0
0.020731	0	0	0	0	0	0
0.027745	0	0	0	0	0	0
0.018257	0	0	0	0	0	0
0.015821	0	0	0	0	0	0

0.020186	0	0	0	0	0	0
0.067768	0	0	0	0	0	0
0.747513	0.02	0	0	0	0	0
0.051487	0	0	0	0	0	0
0.047413	0	0	0	0	0	0
0.056913	0	0	0	0	0	0
0.162768	0	0	0	0	0	0
0.004892	0	0	0	0	0	0
0.025411	0	0	0	0	0	0
0.013019	0	0	0	0	0	0
0.019532	0	0	0	0	0	0
0.034727	0	0	0	0	0	0
0.00573	0	0	0	0	0	0
0.012754	0	0	0	0	0	0
0.011311	0	0	0	0	0	0
0.008434	0	0	0	0	0	0
0.049892	0	0	0	0	0	0
0.023477	0	0	0	0	0	0
0.00533	0	0	0	0	0	0
0.004129	0	0	0	0	0	0
0.015881	0	0	0	0	0	0
0.003792	0	0	0	0	0	0
0.025879	0	0	0	0	0	0
0.020038	0	0	0	0	0	0
0.020354	0	0	0	0	0	0
0.017663	0	0	0	0	0	0
0.018901	0	0	0	0	0	0
0.011503	0	0	0	0	0	0
0.011041	0	0	0	0	0	0
0.011218	0	0	0	0	0	0
0.038125	0	0	0	0	0	0
0.085035	0	0	0	0	0	0
0.037843	0	0	0	0	0	0
0.026791	0	0	0	0	0	0
0.03323	0	0	0	0	0	0
0.024686	0	0	0	0	0	0
0.015383	0	0	0	0	0	0
0.105875	0	0	0	0	0	0
0.028135	0	0	0	0	0	0
0.065109	0	0	0	0	0	0
0.083347	0	0	0	0	0	0
0.03967	0	0	0	0	0	0
0.242121	0	0	0	0	0	0
0.038266	0	0	0	0	0	0
0.040306	0	0	0	0	0	0
0.055987	0	0	0	0	0	0
0.044816	0	0	0	0	0	0
0.05455	0	0	0	0	0	0
0.052275	0	0	0	0	0	0
0.05539	0	0	0	0	0	0

0.049924	0	0	0	0	0	0
0.041499	0	0	0	0	0	0
0.059901	0	0	0	0	0	0
0.041766	0	0	0	0	0	0
0.03965	0	0	0	0	0	0
0.024126	0	0	0	0	0	0
0.053229	0	0	0	0	0	0
0.03558	0	0	0	0	0	0
0.052196	0	0	0	0	0	0
0.027473	0	0	0	0	0	0
0.026092	0	0	0	0	0	0
0.008096	0	0	0	0	0	0
0.025131	0	0	0	0	0	0
0.038439	0	0	0	0	0	0
0.005291	0	0	0	0	0	0
0.031228	0	0	0	0	0	0
0.016713	0	0	1	1	0	2
0.01705	0	0	0	0	0	0
0.017471	0	0	3	3	0	6
0.020844	0	0	0	0	0	0
0.051088	0	0	0	0	0	0
0.054467	0	0	3	0	0	3
0.022854	0	0	0	5	0	5
0.006565	0	0	0	0	0	0
0.00337	0	0	0	0	0	0
0.028693	0	0	0	0	0	0
0.017182	0	0	0	0	0	0
0.009861	0	0	0	0	0	0
0.011873	0	0	0	0	0	0
0.005721	0	0	0	0	0	0
0.022697	0	0	0	0	0	0
0.013577	0	0	0	0	0	0
0.022777	0	0	0	0	0	0
0.011676	0	0	0	0	0	0
0.014331	0	0	0	0	0	0
0.046386	0	0	0	0	0	0
0.010646	0	0	0	0	0	0
0.014829	0	0	0	0	0	0
0.009152	0	0	0	0	0	0
0.005986	0	0	0	0	0	0
0.008541	0	0	0	0	0	0
0.00642	0	0	0	0	0	0
0.010369	0	0	0	0	0	0
0.077976	0	0	0	0	0	0
0.051899	0	0	0	0	0	0
0.029071	0	0	0	0	0	0
0.125205	0	0	0	0	0	0
0.05197	0	0	0	0	0	0
0.016135	0	0	0	0	0	0
0.009459	0	0	0	0	0	0

0.03121	0	0	0	0	0	0
0.015369	0	0	0	6	0	6
0.012475	0	0	0	0	0	0
0.012466	0	0	0	0	0	0
0.027921	0	0	0	0	0	0
0.032742	0	0	0	0	0	0
0.028829	0	0	0	0	0	0
0.035666	0	0	0	0	0	0
0.361545	0	0	0	0	0	0
0.018363	0	0	0	0	0	0
0.019196	0	0	0	0	0	0
0.01339	0	0	0	0	0	0
0.034799	0	0	0	0	0	0
0.013964	0	0	0	0	0	0
0.015542	0	0	0	0	0	0
0.014624	0	0	0	0	0	0
0.01145	0	0	0	0	0	0
0.010997	0	0	0	0	0	0
0.014341	0	0	0	0	0	0
0.012808	0	0	0	0	0	0
0.011562	0	0	0	0	4	4
0.007059	0	4	0	0	0	4
0.010962	0	0	0	0	8	8
0.044525	0	0	0	0	0	0
0.014044	0	8	0	0	0	8
0.033074	0	0	0	0	3	3
0.007944	0	3	0	0	0	3
0.004478	0	0	0	0	0	0
0.006457	0	0	0	0	0	0
0.004115	0	0	0	0	0	0
0.004258	0	0	0	0	0	0
0.003853	0	0	0	0	0	0
0.0085	0	0	0	0	0	0
0.00517	0	0	0	0	0	0
0.030087	0	0	0	0	0	0
0.002764	0	0	0	0	0	0
0.00243	0	0	0	0	0	0
0.00668	0	0	0	0	0	0
0.052713	0	0	0	0	0	0
0.020599	0	0	0	0	0	0
0.033566	0	0	0	0	0	0
0.036809	0	0	0	0	0	0
0.02754	0	0	0	0	0	0
0.292876	0.06	0	0	0	0	0
0.047764	0	0	0	0	6	6
0.008978	0	6	0	0	0	6
0.014024	0	0	0	0	0	0
0.00559	0	0	0	0	0	0
0.009519	0	0	0	0	0	0
0.233618	0.3	0	0	0	0	0

0.004757	0	0	0	0	0	0
0.013739	0	0	0	0	0	0
0.00332	0	0	0	0	0	0
0.024042	0	0	0	0	3	3
0.014692	0	3	0	0	0	3
0.025906	0.01	0	0	0	0	0
0.003706	0	0	0	0	0	0
0.008593	0	0	0	0	0	0
0.025658	0	0	0	0	0	0
0.020685	0	0	0	0	0	0
0.004692	0	0	0	0	0	0
0.018193	0	0	0	0	0	0
0.011591	0	0	0	0	0	0
0.014478	0	0	0	0	0	0
0.009789	0	0	0	0	0	0
0.007465	0	0	0	0	0	0
0.019932	0	0	0	0	0	0
0.013838	0	0	0	0	0	0
0.023503	0	0	0	0	0	0
0.019654	0	0	0	0	0	0
0.020899	0	0	0	0	0	0
0.026318	0	0	0	0	0	0
0.036725	0	0	0	0	0	0
0.065781	0	0	0	0	0	0
0.028246	0	0	0	0	0	0
0.021732	0	0	0	0	0	0
0.050657	0	0	0	0	0	0
0.019273	0	0	0	0	0	0
0.019635	0	0	0	0	0	0
0.121112	0	0	0	0	0	0
0.098821	0	0	0	0	0	0
0.056532	0.02	0	0	0	0	0
0.019399	0	0	0	0	0	0
0.013642	0	0	0	0	0	0
0.011054	0	0	0	0	0	0
0.026489	0	0	0	0	0	0
0.092407	0	0	0	0	1	1
0.011149	0	0	0	0	0	0
0.016099	0	0	0	0	0	0
0.023682	0	0	0	0	0	0
0.019609	0	0	0	0	0	0
0.027964	0	0	0	0	0	0
0.06152	0	0	0	0	0	0
0.019481	0	0	0	0	0	0
0.011596	0	0	0	0	0	0
0.044576	0	0	0	0	0	0
0.057413	0	0	0	0	0	0
0.116236	0	0	0	0	0	0
0.067668	0	0	0	0	0	0
0.065279	0	0	0	0	0	0



0.052601	0	0	0	0	0	0
0.061249	0	0	0	0	0	0
0.067542	0	0	0	0	0	0
0.053457	0	0	0	0	0	0
0.039956	0	0	0	0	0	0
0.055739	0	0	0	0	0	0
0.058889	0	0	0	0	0	0
0.063919	0	0	0	0	0	0
0.062647	0	0	0	0	0	0
0.050458	0	0	0	0	0	0
0.036148	0	0	0	0	0	0
0.032019	0	0	0	0	0	0
0.054582	0	0	0	0	0	0
0.029188	0	0	0	0	0	0
0.029099	0	0	0	0	0	0
0.030316	0	0	0	0	0	0
0.02261	0	0	0	0	0	0
0.043864	0	0	0	0	0	0
0.034313	0	0	0	0	0	0
0.020004	0	0	0	0	0	0
0.015898	0	0	0	0	0	0
0.019381	0	0	0	0	0	0
0.02236	0	0	0	0	0	0
0.025233	0	0	0	0	0	0
0.016575	0	0	0	0	0	0
0.032524	0	0	0	0	0	0
0.022933	0	0	0	0	0	0
0.016882	0	0	0	0	0	0
0.009476	0	0	0	0	0	0
0.024135	0	0	0	0	0	0
0.036464	0	0	0	0	0	0
0.051845	0	0	0	0	0	0
0.05808	0	0	0	0	0	0
0.104813	0	0	0	0	0	0
0.010737	0	0	0	0	0	0
0.056419	0	0	0	0	0	0
0.053648	0	0	0	0	0	0
0.017432	0	0	0	0	0	0
0.014438	0	0	0	0	0	0
0.020209	0	0	0	0	0	0
0.009728	0	0	0	0	0	0
0.019047	0	0	0	0	0	0
0.016625	0	0	0	0	0	0
0.022173	0	0	0	0	0	0
0.007312	0	0	0	0	0	0
0.007236	0	0	0	0	0	0
0.010053	0	0	0	0	0	0
0.013165	0	0	0	0	0	0
0.004695	0	0	0	0	0	0
0.015749	0	0	0	0	0	0

0.021707	0	0	0	0	0	0
0.0276	0	0	0	0	0	0
0.019251	0	0	0	0	0	0
0.010139	0	0	0	0	0	0
0.014747	0	0	0	0	0	0
0.011523	0	0	0	0	0	0
0.043392	0	0	0	0	0	0
0.043568	0	0	0	0	0	0
0.057613	0	0	0	0	0	0
0.042476	0	0	0	0	0	0
0.062677	0	0	0	0	0	0
0.051636	0	0	0	0	0	0
0.055086	0	0	0	0	0	0
0.048009	0	0	0	0	0	0
0.038242	0	0	0	0	0	0
0.045288	0	0	0	0	0	0
0.127146	0	0	0	0	0	0
0.053243	0	0	0	0	0	0
0.03836	0	0	0	0	0	0
0.042449	0	0	0	0	0	0
0.0336	0	0	0	0	0	0
0.044677	0	0	0	0	0	0
0.040895	0	0	0	0	0	0
0.058759	0	0	0	0	0	0
0.05055	0	0	0	0	0	0
0.048368	0	0	0	0	0	0
0.072762	0	0	0	0	0	0
0.036821	0	0	0	0	0	0
0.056764	0	0	0	0	0	0
0.054144	0	0	0	0	0	0
0.041841	0	0	0	0	0	0
0.034638	0	0	0	0	0	0
0.030153	0	0	0	0	0	0
0.072053	0	0	0	0	0	0
0.023682	0	0	0	0	0	0
0.04566	0	0	0	0	0	0
0.027407	0	0	0	0	0	0
0.054568	0	0	0	0	0	0
0.029316	0	0	0	0	0	0
0.042109	0	0	0	0	0	0
0.030315	0	0	0	0	0	0
0.017964	0	0	0	0	0	0
0.033093	0	0	0	0	0	0
0.031791	0	0	0	0	0	0
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0.022508	0	0	0	0	0	0
0.023466	0	0	0	0	0	0
0.0199	0	0	0	0	0	0
0.055808	0	0	0	0	0	0
0.046439	0	0	0	0	0	0

0.021842	0	0	0	0	0	0
0.016051	0	0	0	0	0	0
0.011956	0	0	0	0	0	0
0.020291	0	0	0	0	0	0
0.029421	0	0	0	0	0	0
0.028444	0	0	0	0	0	0
0.025292	0	0	0	0	0	0
0.019037	0	0	0	0	0	0
0.018138	0	0	0	0	0	0
0.078937	0	0	0	0	0	0
0.026643	0	0	0	0	0	0
0.028186	0	0	0	0	0	0
0.012987	0	0	0	0	0	0
0.014564	0	0	0	0	0	0
0.013436	0	0	0	0	0	0
0.023411	0	0	0	0	0	0
0.02043	0	0	0	0	0	0
0.013199	0	0	0	0	0	0
0.010167	0	0	0	0	0	0
0.009107	0	0	0	0	0	0
0.009315	0	0	0	0	0	0
0.007487	0	0	0	0	0	0
0.015509	0	0	0	0	0	0
0.008678	0	0	0	0	0	0
0.058202	0	0	0	0	0	0
0.076093	0	0	0	0	0	0
0.032852	0	0	0	0	0	0
0.026762	0	0	0	0	0	0
0.06027	0	0	0	0	0	0
0.180031	0	0	0	0	0	0
0.172018	0	0	0	0	0	0
0.153829	0	0	0	0	0	0
0.038754	0	0	0	0	0	0
0.037921	0	0	0	0	0	0
0.045528	0	0	0	0	0	0
0.036594	0	0	0	0	0	0
0.039529	0	0	0	0	0	0
0.035123	0	0	0	0	0	0
0.048184	0	0	0	0	0	0
0.01836	0	0	0	0	0	0
0.032208	0	0	0	0	0	0
0.041175	0	0	0	0	0	0
0.111875	0	0	0	0	0	0
0.402102	0.05	0	0	4	0	4
0.062842	0	0	0	0	0	0
0.051474	0	0	0	0	0	0
0.049034	0	0	0	0	0	0
0.059336	0	0	0	0	0	0
0.055096	0	0	0	0	0	0
0.018234	0	0	0	0	0	0

0.016413	0	0	0	0	0	0
0.014993	0	0	0	0	0	0
0.015346	0	0	0	0	0	0
0.057754	0	0	0	0	0	0
0.033138	0	0	0	0	0	0
0.023797	0	0	0	0	0	0
0.017398	0	0	0	0	0	0
0.027335	0	0	0	0	0	0
0.040318	0	0	0	0	0	0
0.017882	0	0	0	0	0	0
0.01697	0	0	0	0	0	0
0.021044	0	0	0	0	0	0
0.010121	0	0	0	0	0	0
0.009989	0	0	0	0	0	0
0.018697	0	0	0	0	0	0
0.009074	0	0	0	0	0	0
0.010663	0	0	0	0	0	0
0.006	0	0	0	0	0	0
0.0438	0	0	0	0	0	0
0.010852	0	0	0	0	0	0
0.005499	0	0	0	0	0	0
0.016929	0	0	0	0	0	0
0.014077	0	0	0	0	0	0
0.013498	0	0	0	0	0	0
0.012647	0	0	0	0	0	0
0.006479	0	0	0	0	0	0
0.00913	0	0	0	0	0	0
0.088479	0	0	0	0	0	0
0.014043	0	0	0	0	0	0
0.051736	0	0	0	0	0	0
0.049896	0	0	0	0	0	0
0.016463	0	0	0	0	0	0
0.014616	0	0	0	0	0	0
0.013518	0	0	0	0	0	0
0.019475	0	0	0	0	0	0
0.011324	0	0	0	0	0	0
0.019271	0	0	0	0	0	0
0.016616	0	0	0	0	0	0
0.012734	0	0	0	0	0	0
0.031288	0	0	0	0	0	0
0.047597	0	0	0	0	0	0
0.722844	0	0	0	0	0	0
0.009752	0	0	0	0	0	0
0.039014	0	0	0	0	0	0
0.003021	0	0	0	0	0	0
0.084065	0	0	0	0	0	0
0.021204	0	0	0	0	0	0
0.012479	0	0	0	0	0	0
0.004557	0	0	0	0	0	0
0.01851	0	0	0	0	0	0

0.009198	0	0	0	0	0	0
0.024407	0	0	0	0	0	0
0.010197	0	0	0	0	0	0
0.014733	0	0	0	0	0	0
0.024745	0	0	0	0	0	0
0.040471	0	0	0	0	0	0
0.01171	0	0	0	0	0	0
0.004077	0	0	0	0	0	0
0.061604	0	0	0	0	0	0
0.532142	0	0	0	0	0	0
0.197434	0	0	0	0	0	0
0.005305	0	0	0	0	0	0
0.007686	0	0	0	0	0	0
0.004614	0	0	0	0	0	0
0.00619	0	0	0	0	0	0
0.003629	0	0	0	0	0	0
0.001905	0	0	0	0	0	0
0.001686	0	0	0	0	0	0
0.001183	0	0	0	0	0	0
0.001785	0	0	0	0	0	0
0.000808	0	0	0	0	0	0
0.275132	0	0	0	0	0	0
0.06341	0	0	0	0	0	0
0.032557	0	0	0	0	0	0
0.017785	0	0	0	0	0	0
0.031263	0	0	0	0	0	0
0.014494	0	0	0	0	0	0
0.011751	0	0	0	0	0	0
0.007603	0	0	0	0	0	0
0.021815	0	0	0	0	0	0
0.024716	0	0	0	0	0	0
0.015228	0	0	0	0	0	0
0.01957	0	0	0	0	0	0
0.005472	0	0	0	0	0	0
0.008986	0	0	0	0	0	0
0.006793	0	0	0	0	0	0
0.006946	0	0	0	0	0	0
0.023084	0	0	0	0	0	0
0.033096	0	0	0	0	0	0
0.015483	0	0	0	0	0	0
0.005947	0	0	0	0	0	0
0.072946	0	0	0	0	0	0
0.004199	0	0	0	0	0	0
0.018546	0	0	0	0	0	0
0.011426	0	0	0	0	0	0
0.040277	0	0	0	0	0	0
0.037187	0	0	0	0	0	0
0.017096	0	0	0	0	0	0
0.011169	0	0	0	0	0	0
0.026875	0	0	0	0	0	0

0.030617	0	0	0	0	0	0
0.01897	0	0	0	0	0	0
0.014361	0	0	0	0	0	0
0.016189	0	0	0	0	0	0
0.032795	0	0	0	0	0	0
0.011415	0	0	0	0	0	0
0.010681	0	0	0	0	0	0
0.017678	0	0	0	0	0	0
0.041099	0	0	0	0	0	0
0.010045	0	0	0	0	0	0
0.020078	0	0	0	0	0	0
0.011521	0	0	0	0	0	0
0.017893	0	0	0	0	0	0
0.043279	0	0	0	0	0	0
0.017724	0	0	0	0	0	0
0.062285	0	0	0	0	0	0
0.067286	0	0	0	0	0	0
0.012175	0	0	0	0	0	0
0.004774	0	0	0	0	0	0
0.006061	0	0	0	0	0	0
0.034602	0	0	0	0	0	0
0.037139	0	0	0	0	0	0
0.01508	0	0	0	0	0	0
0.01437	0	0	0	0	0	0
0.028748	0	0	0	0	0	0
0.04516	0	0	0	0	0	0
0.018436	0	0	0	0	0	0
0.06456	0	0	0	0	0	0
0.08508	0	0	0	0	0	0
0.070252	0	0	0	0	0	0
0.063248	0	0	0	0	0	0
0.020441	0	0	0	0	0	0
0.024631	0	0	0	0	0	0
0.098585	0	0	0	0	0	0
0.004372	0	0	0	0	0	0
0.01973	0	0	0	0	0	0
0.063358	0	0	0	0	0	0
0.004282	0	0	0	0	0	0
0.00244	0	0	0	0	0	0
0.019472	0	0	0	0	0	0
0.015795	0	0	0	0	0	0
0.039097	0	0	0	0	0	0
0.06448	0	0	0	0	0	0
0.024202	0	0	0	0	0	0
0.032513	0	0	0	0	0	0
0.033657	0	0	0	0	0	0
0.011626	0	0	0	0	0	0
0.011553	0	0	0	0	0	0
0.011665	0	0	0	0	0	0
0.04946	0	0	0	0	0	0

0.043755	0	0	0	0	0	0
0.041797	0	0	0	0	0	0
0.046073	0	0	0	0	0	0
0.045746	0	0	0	0	0	0
0.059431	0	0	0	0	0	0
0.08792	0	0	0	1	0	1
0.035116	0	0	0	0	0	0
0.026054	0	0	0	0	0	0
0.039939	0	0	0	0	0	0
0.04423	0	0	0	0	0	0
0.043096	0	0	0	0	0	0
0.044285	0	0	0	0	0	0
0.053395	0	0	0	0	0	0
0.043477	0	0	0	0	0	0
0.078744	0	0	0	0	0	0
0.310714	0.01	0	0	0	0	0
0.050051	0	0	0	0	0	0
0.038613	0	0	0	0	0	0
0.050175	0	0	0	0	0	0
0.047897	0	0	0	0	0	0
0.049962	0	0	0	0	0	0
0.052078	0	0	0	0	0	0
0.060286	0	0	0	0	0	0
0.056424	0	0	0	0	0	0
0.052274	0	0	0	0	0	0
0.085674	0	0	0	0	0	0
0.138424	0	0	0	0	0	0
0.002107	0	0	0	0	0	0
0.004934	0	0	0	0	0	0
0.008088	0	0	0	0	0	0
0.006278	0	0	0	0	0	0
0.003872	0	0	0	0	0	0
0.022222	0	0	0	0	0	0
0.024409	0	0	0	0	0	0
0.018023	0	0	0	0	0	0
0.05223	0	0	0	0	0	0
0.045165	0	0	0	0	0	0
0.028166	0	0	0	0	0	0
0.042013	0	0	0	0	0	0
0.025561	0	0	0	0	0	0
0.011161	0	0	0	0	0	0
0.012599	0	0	0	0	0	0
0.048395	0	0	0	0	0	0
0.206266	0	0	0	0	0	0
0.021892	0	0	0	0	0	0
0.049532	0	0	0	0	0	0
0.004564	0	1	0	0	0	1
0.003121	0	0	0	0	0	0
0.002391	0	0	0	0	0	0
0.002834	0	0	0	0	0	0

0.004296	0	0	0	0	0	0
0.003842	0	0	0	0	0	0
0.003006	0	0	0	0	0	0
0.020486	0.01	0	0	9	0	9
0.002147	0	0	0	0	0	0
0.035338	0	0	0	0	0	0
0.01382	0	0	0	5	0	5
0.0224	0	0	0	0	0	0
0.019681	0	0	0	0	0	0
0.003479	0	0	0	0	0	0
0.003573	0	0	0	0	0	0
0.005316	0	0	0	0	0	0
0.004717	0	0	0	0	0	0
0.018178	0	0	0	0	0	0
0.004814	0	0	0	0	0	0
0.00226	0	0	0	0	0	0
0.00027	0	0	0	0	0	0
0.034003	0	0	0	0	0	0
0.021827	0	0	0	0	0	0
0.00112	0	0	0	0	0	0
0.000358	0	0	0	0	0	0
0.000286	0	0	0	0	1	1
0.000083	0	1	0	0	0	1
0.000258	0	0	0	0	0	0
0.000234	0	0	0	0	0	0
0.002777	0	0	0	0	0	0
0.003867	0	0	0	0	0	0
0.000897	0	0	0	0	0	0
0.000748	0	0	0	0	0	0
0.000788	0	0	0	0	0	0
0.000517	0	0	5	5	0	10
0.178991	0	0	0	0	0	0
0.027479	0	0	0	0	14	14
0.024016	0	0	0	0	0	0
0.005758	0	0	0	0	26	26
0.004191	0	0	0	0	0	0
0.004863	0	0	0	0	0	0
0.006418	0	0	0	0	0	0
0.004111	0	0	0	0	0	0
0.005035	0	0	0	0	0	0
0.104038	0	0	0	0	0	0
0.097192	0	0	0	0	0	0
0.043176	0	0	0	0	0	0
0.034369	0	0	0	0	0	0
0.012699	0	0	0	0	0	0
0.008535	0	0	0	0	0	0
0.039749	0	0	0	0	0	0
0.009769	0	0	0	0	0	0
0.086497	0	0	0	3	0	3
0.026497	0	0	0	0	0	0



0.011187	0	0	0	0	0	0
0.041165	0	0	0	0	0	0
0.038032	0	0	0	0	0	0
0.056342	0	0	0	0	0	0
0.307797	0	0	0	0	0	0
0.026687	0	0	0	0	0	0
0.027666	0	0	0	0	0	0
0.016506	0	0	0	0	0	0
0.036506	0	0	0	0	0	0
0.029081	0	3	0	0	0	3
0.01106	0	0	0	0	0	0
0.027431	0	0	0	0	0	0
0.028304	0	0	0	0	0	0
0.034439	0	0	0	0	0	0
0.035056	0	0	0	0	0	0
0.00317	0	8	0	0	0	8
0.003996	0	0	0	0	0	0
0.013209	0	0	0	0	0	0
0.005228	0	0	0	0	0	0
0.007229	0	0	0	0	0	0
0.002818	0	0	0	0	0	0
0.004433	0	0	0	0	0	0
0.019665	0	0	0	0	0	0
0.01537	0	1	0	0	0	1
0.012186	0	0	0	0	0	0
0.012652	0	0	0	0	0	0
0.080904	0	0	0	0	0	0
0.013299	0	0	0	0	0	0
0.028062	0	0	0	0	0	0
0.026493	0	0	0	0	0	0
0.031311	0	0	0	0	0	0
0.025362	0	0	0	0	0	0
0.024435	0	0	0	0	0	0
0.020537	0	0	0	0	0	0
0.01119	0	0	0	0	0	0
0.0138	0	0	0	0	0	0
0.026261	0	0	0	0	0	0
0.013697	0	0	0	0	0	0
0.061193	0	0	0	0	0	0
0.069854	0	0	0	0	0	0
0.049171	0	0	0	0	0	0
0.024643	0	0	0	0	0	0
0.023586	0	0	0	0	0	0
0.027367	0	0	0	0	0	0
0.023891	0	0	0	0	0	0
0.019416	0	0	0	0	0	0
0.011468	0	0	0	0	0	0
0.004801	0	0	0	0	0	0
0.009787	0	0	0	0	0	0
0.004218	0	0	0	0	0	0

0.042578	0	0	1	0	0	1
0.030434	0	0	0	0	0	0
0.005487	0	0	0	0	0	0
0.013522	0	0	0	0	0	0
0.010448	0.01	0	0	0	0	0
0.018705	0	0	0	0	0	0
0.041975	0	0	0	0	0	0
0.045405	0.01	0	0	0	0	0
0.041542	0.01	0	0	0	0	0
0.020491	0	0	0	0	0	0
0.025467	0	0	0	0	0	0
0.037415	0	0	0	0	0	0
0.054277	0	0	0	0	0	0
0.053715	0	0	0	0	0	0
0.057895	0	0	0	0	0	0
0.036443	0	0	0	0	0	0
0.048693	0	0	0	0	0	0
0.029388	0	0	0	0	0	0
0.029504	0	0	0	0	0	0
0.037305	0	0	0	0	0	0
0.026545	0	0	0	0	0	0
0.026999	0	0	0	0	0	0
0.015066	0	0	0	0	0	0
0.028693	0	0	3	0	0	3
0.060617	0	0	0	0	0	0
0.011588	0	0	0	0	0	0
0.016277	0	0	0	0	0	0
0.069943	0	0	0	0	0	0
0.02195	0	0	0	0	0	0
0.011497	0	0	0	0	0	0
0.046635	0	0	0	0	0	0
0.038314	0	0	0	0	0	0
0.024533	0	0	0	0	0	0
0.032221	0	0	0	0	0	0
0.026517	0	0	0	0	0	0
0.044464	0	0	0	0	0	0
0.047964	0	0	0	0	0	0
0.110298	0	0	0	0	0	0
0.03181	0.01	0	0	0	0	0
0.008661	0	0	0	0	0	0
0.010825	0	0	0	0	0	0
0.00244	0	0	0	0	0	0
0.01408	0	0	0	0	0	0
0.004351	0	0	0	0	0	0
0.014996	0	0	0	0	0	0
0.009925	0	0	0	0	0	0
0.026324	0	0	0	0	0	0
0.022558	0	0	0	0	0	0
0.031443	0	0	0	0	0	0
0.011604	0	0	0	0	0	0

0.009042	0	0	0	0	0	0
0.004087	0	0	0	0	0	0
0.067387	0	0	0	0	0	0
0.040625	0	0	0	0	0	0
0.060192	0	0	0	0	0	0
0.056397	0	0	0	0	0	0
0.056746	0	0	0	0	0	0
0.060281	0	0	0	0	0	0
0.064291	0	0	0	0	0	0
0.05988	0	0	0	0	0	0
0.124248	0	0	0	0	0	0
0.104626	0	0	0	0	0	0
0.050564	0	0	0	0	0	0
0.055455	0	0	0	0	0	0
0.059355	0	0	0	0	0	0
0.06741	0	0	0	0	0	0
0.0582	0	0	0	0	0	0
0.035057	0	0	0	0	0	0
0.059981	0	0	0	0	0	0
0.042771	0	0	0	0	0	0
0.032054	0	0	0	0	0	0
0.027154	0	0	0	0	0	0
0.034714	0	0	0	0	0	0
0.035894	0	0	0	0	0	0
0.029563	0	0	0	0	0	0
0.040699	0	0	0	0	0	0
0.018263	0	0	0	0	0	0
0.024547	0	0	0	0	0	0
0.013642	0	0	0	0	0	0
0.021352	0	0	0	0	0	0
0.020138	0	0	0	0	0	0
0.01685	0	0	0	0	0	0
0.036815	0	0	0	0	0	0
0.0199	0	0	0	0	0	0
0.014852	0	0	0	0	0	0
0.019978	0	0	0	0	0	0
0.06241	0	0	0	0	0	0
0.065303	0	0	0	0	0	0
0.052609	0	0	0	0	0	0
0.047065	0	0	0	0	0	0
0.032921	0	0	0	0	0	0
0.092769	0	0	0	0	0	0
0.065481	0	0	0	0	0	0
0.06116	0	0	0	0	0	0
0.05343	0	0	0	0	0	0
0.034031	0	0	0	0	0	0
0.064203	0	0	0	0	0	0
0.050864	0	0	0	0	0	0
0.06114	0	0	0	0	0	0
0.037413	0	0	0	0	0	0

0.038239	0	0	0	0	0	0
0.047209	0	0	0	0	0	0
0.462885	0	0	0	0	0	0
0.067853	0	0	0	0	0	0
0.055363	0	0	0	0	0	0
0.14674	0	0	0	0	0	0
0.054264	0	0	0	0	0	0
0.068612	0	0	0	0	0	0
0.066986	0	0	0	0	0	0
0.050801	0	0	0	0	0	0
0.05254	0	0	0	0	4	4
0.050589	0	4	0	0	0	4
0.031537	0	0	0	0	0	0
0.064934	0	0	0	0	0	0
0.041179	0	0	0	0	0	0
0.043213	0	0	0	0	0	0
0.167984	0	0	0	0	0	0
0.063405	0	0	0	0	0	0
0.046933	0	0	0	0	0	0
0.460116	0.08	0	0	0	0	0
0.039024	0	0	0	0	0	0
0.056986	0	0	0	0	0	0
0.069078	0	0	0	0	0	0
0.051255	0	0	0	0	0	0
0.058721	0	0	0	0	0	0
0.051402	0	0	0	0	0	0
0.063612	0	0	0	0	0	0
0.053238	0	0	0	0	0	0
0.036767	0	0	0	0	0	0
0.041765	0	0	0	0	0	0
0.046656	0	0	0	0	0	0
0.036385	0	0	0	0	0	0
0.04143	0	0	0	0	0	0
0.040197	0	0	0	0	0	0
0.049328	0	0	0	0	0	0
0.037519	0	0	0	0	0	0
0.036892	0	0	0	0	0	0
0.025729	0	0	0	0	0	0
0.035483	0	0	0	0	0	0
0.061817	0	0	0	0	0	0
0.052676	0	0	0	0	0	0
0.068016	0	0	0	0	0	0
0.030932	0	0	0	0	0	0
0.027946	0	0	0	0	0	0
0.02313	0	0	0	0	0	0
0.020252	0	0	0	0	0	0
0.556174	0.16	0	0	0	0	0
0.07051	0	0	0	0	0	0
0.058074	0	0	0	0	0	0
0.053514	0	0	0	0	0	0

0.055776	0	0	0	0	0	0
0.053232	0	0	0	0	0	0
0.04928	0	0	0	0	0	0
0.039502	0	0	0	0	0	0
0.037466	0	0	0	0	0	0
0.048162	0	0	0	0	0	0
0.043681	0	0	0	0	0	0
0.039524	0	0	0	0	0	0
0.048134	0	0	0	0	0	0
0.044898	0	0	0	0	0	0
0.03806	0	0	0	0	0	0
0.024792	0	0	0	0	0	0
0.020922	0	0	0	0	0	0
0.024386	0	0	0	0	0	0
0.026883	0	0	0	0	0	0
0.032018	0	0	0	0	0	0
0.023849	0	0	0	0	0	0
0.017055	0	0	0	0	0	0
0.025531	0	0	0	0	0	0
0.034674	0	0	0	0	0	0
0.023148	0	0	0	0	0	0
0.013905	0	0	0	0	0	0
0.018922	0	0	0	0	0	0
0.01431	0	0	0	0	0	0
0.009739	0	0	0	0	0	0
0.013433	0	0	0	0	0	0
0.011221	0	0	0	0	0	0
0.01122	0	0	0	0	0	0
0.006884	0	0	0	0	0	0
0.008514	0	0	0	0	0	0
0.010565	0	0	0	0	0	0
0.008961	0	0	0	0	0	0
0.007264	0	0	0	0	0	0
0.007288	0	0	0	0	0	0
0.008405	0	0	0	0	0	0
0.007282	0	0	0	0	0	0
0.005923	0	0	0	0	0	0
0.007117	0	0	0	0	0	0
0.004071	0	0	0	0	0	0
0.009005	0	0	0	0	0	0
0.009242	0	0	0	0	0	0
0.056283	0	0	0	0	0	0
0.005805	0	0	0	0	0	0
0.006711	0	0	0	0	0	0
0.005965	0	0	0	0	0	0
0.009213	0	0	0	0	0	0
0.005689	0	0	0	0	0	0
0.053228	0	0	0	0	0	0
0.29049	0.06	0	0	0	0	0
0.176722	0	0	0	0	0	0

0.034819	0	0	0	0	0	0
0.052916	0	0	0	0	0	0
0.065097	0	0	0	0	0	0
0.053251	0	0	0	0	0	0
0.040866	0	0	0	0	0	0
0.044539	0	0	0	0	0	0
0.05693	0	0	0	0	0	0
0.036042	0	0	0	0	0	0
0.058717	0	0	0	0	0	0
0.053289	0	0	0	0	0	0
0.045594	0	0	0	0	0	0
0.040438	0	0	0	0	0	0
0.036135	0	0	0	0	0	0
0.055391	0	0	0	0	0	0
0.034862	0	0	0	0	0	0
0.029668	0	0	0	0	0	0
0.026502	0	0	0	0	0	0
0.028157	0	0	0	0	0	0
0.021233	0	0	0	0	0	0
0.018453	0	0	0	0	0	0
0.035283	0	0	0	0	0	0
0.031044	0	0	0	0	0	0
0.020725	0	0	0	0	0	0
0.018013	0	0	0	0	0	0
0.018738	0	0	0	0	0	0
0.015358	0	0	0	0	0	0
0.013364	0	0	0	0	0	0
0.057325	0	0	0	0	0	0
0.050749	0	0	0	0	0	0
0.034304	0	0	0	0	0	0
0.017607	0	0	0	0	0	0
0.019028	0	0	0	0	0	0
0.012636	0	0	0	0	0	0
0.012267	0	0	0	0	0	0
0.007991	0	0	0	0	0	0
0.007251	0	0	0	0	0	0
0.011748	0	0	0	0	0	0
0.011969	0	0	0	0	0	0
0.007348	0	0	0	0	0	0
0.143006	0	0	0	0	0	0
0.017173	0	0	0	0	0	0
0.006694	0	0	0	0	0	0
0.004529	0	0	0	0	0	0
0.007953	0	0	0	0	0	0
0.00426	0	0	0	0	0	0
0.015232	0	0	0	0	0	0
0.010006	0	0	0	0	0	0
0.007931	0	0	0	0	0	0
0.112666	0	0	0	0	0	0
0.021934	0	0	0	0	0	0

0.011867	0	0	0	0	0	0
0.021332	0	0	0	0	0	0
0.202631	0	0	0	0	0	0
0.119564	0	0	0	0	0	0
0.013373	0	0	0	0	0	0
0.062824	0	0	0	0	0	0
0.027266	0	0	0	0	0	0
0.071675	0	0	0	0	0	0
0.032985	0	0	0	0	0	0
0.04366	0	0	0	0	0	0
0.020895	0	0	0	0	0	0
0.007268	0	0	0	0	0	0
0.01303	0	0	0	0	0	0
0.05185	0	0	0	0	0	0
0.032029	0	0	0	0	0	0
0.019221	0	0	0	0	0	0
0.019675	0	0	0	0	0	0
0.010199	0	0	0	0	0	0
0.032345	0	0	0	0	0	0
0.130337	0	0	0	0	0	0
0.066939	0	0	0	0	0	0
0.03212	0	0	0	0	0	0
0.088703	0	0	0	0	0	0
0.12185	0	0	0	0	0	0
0.031505	0	0	0	0	0	0
0.019093	0	0	0	0	0	0
0.01013	0.02	0	0	0	0	0
0.016367	0	0	0	0	0	0
0.015362	0	0	0	0	0	0
0.011059	0	0	0	0	0	0
0.014991	0.02	0	0	0	0	0
0.00515	0.01	0	0	0	2	2
0.003621	0	0	0	0	0	0
0.004526	0	0	0	0	0	0
0.008042	0	0	0	0	0	0
0.003455	0	0	0	0	0	0
0.005376	0	0	0	0	0	0
0.002852	0	0	0	0	0	0
0.00589	0	0	0	0	0	0
0.023501	0	0	0	0	0	0
0.010765	0	0	0	0	0	0
0.011361	0	0	0	0	0	0
0.015892	0	0	0	0	0	0
0.015148	0	0	0	0	0	0
0.009749	0	0	0	0	0	0
0.003034	0	0	0	0	0	0
0.081843	0	0	0	0	0	0
0.002951	0	0	0	0	0	0
0.00239	0	0	0	0	0	0
0.023634	0	0	0	0	0	0

0.005663	0	0	0	0	0	0
0.005396	0	0	0	0	0	0
0.01411	0	0	0	0	0	0
0.003272	0	0	0	0	0	0
0.01302	0	0	0	0	0	0
0.007614	0.02	0	0	0	0	0
0.00671	0	0	0	0	0	0
0.010993	0	0	0	0	0	0
0.015065	0	0	0	0	0	0
0.008362	0	0	0	0	0	0
0.013238	0	0	0	0	0	0
0.01147	0	0	0	0	0	0
0.008208	0	0	0	0	0	0
0.007598	0	0	0	0	0	0
0.00889	0	0	0	0	0	0
0.02102	0	0	0	0	0	0
0.005193	0	0	0	0	0	0
0.00615	0	0	0	0	0	0
0.030422	0	0	0	0	0	0
0.04261	0	0	0	0	0	0
0.079066	0	0	0	0	0	0
0.076515	0	0	0	0	0	0
0.17447	0	0	0	0	0	0
0.069355	0	0	0	0	0	0
0.106281	0	0	0	0	0	0
0.104067	0	0	0	0	0	0
0.280322	0	0	0	0	0	0
0.249401	0	0	0	0	0	0
0.060569	0	0	0	0	0	0
0.07086	0	0	0	0	0	0
0.137642	0	0	0	0	0	0
0.197597	0	0	0	0	0	0
0.317815	0	0	0	0	0	0
0.06837	0	0	0	0	0	0
0.064971	0	0	0	0	0	0
0.068416	0	0	0	0	0	0
0.0128	0	0	0	0	0	0
0.005403	0	0	0	0	0	0
0.004047	0	0	0	0	0	0
0.006012	0	0	0	0	0	0
0.020744	0	0	0	0	0	0
0.002232	0	0	0	0	0	0
0.007709	0	0	0	0	0	0
0.010736	0	0	0	0	0	0
0.009309	0	0	0	0	0	0
0.007942	0	0	0	0	0	0
0.004781	0	0	0	0	0	0
0.004883	0	0	0	0	0	0
0.005051	0	0	0	0	0	0
0.006399	0	0	0	0	0	0



0.005007	0	0	0	0	0	0
0.00326	0	0	0	0	0	0
0.005155	0	0	0	0	0	0
0.001718	0	0	0	0	0	0
0.002288	0	0	0	0	0	0
0.007713	0	0	0	0	0	0
0.010245	0	0	0	0	0	0
0.003835	0	0	0	0	0	0
0.002734	0	0	0	0	0	0
0.002805	0	0	0	0	0	0
0.0057	0	0	0	0	0	0
0.005398	0	0	0	0	0	0
0.002266	0	0	0	0	0	0
0.002028	0	0	0	0	0	0
0.003205	0	0	0	0	0	0
0.018664	0	0	0	0	0	0
0.004716	0	0	0	0	0	0
0.006355	0	0	0	0	0	0
0.007884	0	0	0	0	0	0
0.008245	0	0	0	0	0	0
0.006367	0	0	0	0	0	0
0.004312	0	0	0	0	0	0
0.002875	0	0	0	0	0	0
0.00351	0	0	0	0	0	0
0.006838	0	0	0	0	0	0
0.061766	0.02	0	0	0	0	0
0.002825	0	0	0	0	0	0
0.008703	0	0	0	0	0	0
0.011698	0	0	0	0	0	0
0.064851	0	0	0	0	0	0
0.01003	0	0	0	0	0	0
0.008207	0	0	0	0	0	0
0.009624	0	0	0	0	0	0
0.045568	0	0	0	0	0	0
0.039908	0	0	0	0	0	0
0.027231	0	0	0	0	0	0
0.02839	0	0	0	0	0	0
0.03669	0	0	0	0	0	0
0.027118	0	0	0	0	0	0
0.038754	0	0	0	0	0	0
0.047031	0	0	0	0	0	0
0.065199	0	0	0	0	0	0
0.04153	0	0	0	0	0	0
0.105917	0	0	0	0	0	0
0.089306	0	0	0	0	0	0
0.053058	0	0	0	0	0	0
0.04841	0	0	0	0	0	0
0.046173	0	0	0	0	0	0
0.032391	0	0	0	0	0	0
0.092449	0	0	0	0	0	0

0.051419	0	0	0	0	0	0
0.081838	0	0	0	0	0	0
0.05634	0	0	0	0	0	0
0.051005	0	0	0	0	0	0
0.036473	0	0	0	0	0	0
0.047088	0	0	0	0	0	0
0.009893	0	0	0	0	0	0
0.006326	0	0	0	0	0	0
0.013375	0	0	0	0	0	0
0.014655	0	0	0	0	0	0
0.008865	0	0	0	0	0	0
0.013228	0	0	0	0	0	0
0.007563	0	0	0	0	0	0
0.005293	0	0	0	0	0	0
0.008346	0	0	0	0	0	0
0.008483	0	0	0	0	0	0
0.011752	0	0	0	0	0	0
0.008587	0	0	0	0	0	0
0.006369	0	0	0	0	0	0
0.005685	0	0	0	0	0	0
0.004618	0	0	0	0	0	0
0.00276	0	0	0	0	0	0
0.007292	0	0	0	0	0	0
0.007457	0	0	0	0	0	0
0.013361	0	0	0	0	0	0
0.012093	0	0	0	0	0	0
0.00964	0	0	0	0	0	0
0.010549	0	0	0	0	0	0
0.011627	0	0	0	0	0	0
0.010059	0	0	0	0	0	0
0.007939	0	0	0	0	0	0
0.007078	0	0	0	0	0	0
0.012322	0	0	0	0	0	0
0.008412	0	0	0	0	0	0
0.011115	0	0	0	0	0	0
0.010616	0	0	0	0	0	0
0.011901	0	0	0	0	0	0
0.013022	0	0	0	0	0	0
0.251793	0.08	0	0	0	0	0
0.597554	0	0	0	0	0	0
0.044514	0	0	0	0	0	0
0.069041	0	0	0	0	0	0
0.038855	0	0	0	0	0	0
0.021236	0	0	0	0	0	0
0.01794	0	0	0	0	0	0
0.014376	0	0	0	0	0	0
0.014942	0	0	0	0	0	0
0.00218	0	0	0	0	0	0
0.027747	0.03	0	0	0	0	0
0.008919	0	0	0	0	0	0

0.008649	0	0	0	0	0	0
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0.005674	0	0	0	0	0	0
0.032762	0	0	0	0	0	0
0.028951	0	0	0	0	0	0
0.020184	0	0	0	0	0	0
0.002117	0	0	0	0	0	0
0.00907	0	0	0	0	0	0
0.00785	0	0	0	0	0	0
0.020629	0	0	0	0	0	0
0.032079	0	0	0	0	0	0
0.019571	0	0	0	0	0	0
0.067631	0.01	0	0	0	0	0
0.117113	0.01	0	0	0	0	0
0.011226	0	0	0	0	0	0
0.001957	0	0	0	0	0	0
0.010464	0	0	0	0	0	0
0.007843	0	0	0	0	0	0
0.015659	0	0	0	0	0	0
0.004381	0	0	0	0	0	0
0.010777	0	0	0	0	0	0
0.015674	0	0	0	0	0	0
0.017851	0	0	0	0	0	0
0.008369	0	0	0	0	0	0
0.06482	0	0	0	0	0	0
0.012372	0	0	0	0	0	0
0.006144	0	0	0	0	0	0
0.004744	0	0	0	0	0	0
0.016315	0	0	0	0	0	0
0.003805	0	0	0	0	0	0
0.004467	0	0	0	0	0	0
0.00509	0	0	0	0	0	0
0.003781	0	0	0	0	0	0
0.002836	0	0	0	0	0	0
0.008507	0	0	0	0	0	0
0.006649	0	0	0	0	0	0
0.010567	0	0	0	0	0	0
0.004805	0	0	0	0	0	0
0.013492	0	0	0	0	0	0
0.017616	0	0	0	0	0	0
0.006119	0	0	0	0	0	0
0.009718	0	0	0	0	0	0
0.016206	0	0	0	0	0	0
0.009639	0	0	0	0	0	0
0.008154	0	0	0	0	0	0
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0.003989	0	0	0	0	0	0
0.045185	0	0	0	0	0	0

0.013123	0	0	0	0	0	0
0.016591	0	0	0	0	0	0
0.007912	0	0	0	0	0	0
0.008184	0	0	0	0	0	0
0.008889	0	0	0	0	0	0
0.075354	0	0	0	0	0	0
0.029752	0	0	0	0	0	0
0.015473	0	0	0	0	0	0
0.094891	0	0	0	0	0	0
0.009325	0	0	0	0	0	0
0.062128	0	0	0	0	0	0
0.021773	0	0	0	0	0	0
0.020969	0	0	0	0	0	0
0.010794	0	0	0	0	0	0
0.038631	0	0	0	0	0	0
0.017261	0	0	0	0	0	0
0.018732	0	0	0	0	0	0
0.012446	0	0	0	0	0	0
0.028893	0	0	0	0	0	0
0.011958	0	0	0	0	0	0
0.014125	0	0	0	0	0	0
0.014834	0	0	0	0	0	0
0.004069	0	0	0	0	0	0
0.03849	0	0	0	0	0	0
0.027722	0	0	0	0	0	0
0.035204	0	0	0	0	0	0
0.029561	0	0	0	0	0	0
0.037976	0	0	0	0	0	0
0.018884	0	0	0	0	0	0
0.023795	0	0	0	0	0	0
0.027525	0	0	0	0	0	0
0.021334	0	0	0	0	0	0
0.01981	0	0	0	0	0	0
0.023496	0	0	0	0	0	0
0.02727	0	0	0	0	0	0
0.02512	0	0	0	0	0	0
0.033717	0	0	0	0	0	0
0.018519	0	0	0	0	0	0
0.021545	0	0	0	0	0	0
0.031356	0	0	0	0	0	0
0.032709	0	0	0	0	0	0
0.016368	0	0	0	0	0	0
0.017142	0	0	0	0	0	0
0.028456	0	0	0	0	0	0
0.023543	0	0	0	0	0	0
0.02761	0	0	0	0	0	0
0.021618	0	0	0	0	0	0
0.01435	0	0	0	0	0	0
0.015738	0	0	0	0	0	0
0.016316	0	0	0	0	0	0

0.015281	0	0	0	0	0	0
0.011844	0	0	0	0	0	0
0.011006	0	0	0	0	0	0
0.01252	0	0	0	0	0	0
0.012462	0	0	0	0	0	0
0.010795	0	0	0	0	0	0
0.025074	0	0	0	0	0	0
0.008582	0	0	0	0	0	0
0.009168	0	0	0	0	0	0
0.00745	0	0	0	0	0	0
0.00496	0	0	0	0	0	0
0.005823	0	0	0	0	0	0
0.006881	0	0	0	0	0	0
0.019299	0	0	0	0	0	0
0.039411	0	0	0	0	0	0
0.054106	0	0	0	0	0	0
0.028354	0	0	0	0	0	0
0.041524	0	0	0	0	0	0
0.035272	0	0	0	0	0	0
0.0084	0	0	0	0	0	0
0.005099	0	0	0	0	0	0
0.27564	0	0	0	0	0	0
0.024448	0	0	0	0	0	0
0.025864	0	0	0	0	0	0
0.029768	0	0	0	0	0	0
0.085865	0	0	0	0	0	0
0.055685	0	0	0	0	0	0
0.018898	0	0	0	0	0	0
0.014746	0	0	0	0	0	0
0.010145	0	0	0	0	0	0
0.036567	0	0	0	0	0	0
0.027361	0	0	0	0	0	0
0.075053	0	0	0	0	0	0
0.050018	0	0	0	0	0	0
0.066565	0	0	0	0	0	0
0.045382	0	0	0	0	0	0
0.100588	0	0	0	0	0	0
0.063146	0	0	0	0	0	0
0.040311	0	0	0	0	0	0
0.017827	0	0	0	0	0	0
0.003352	0	0	0	0	0	0
0.00772	0	0	0	0	0	0
0.009743	0	0	0	0	0	0
0.009657	0	0	0	0	0	0
0.007879	0	0	0	0	0	0
0.004159	0	0	0	0	0	0
0.015202	0	0	0	0	0	0
0.014568	0	0	0	0	0	0
0.007874	0	0	0	0	0	0
0.00557	0	0	0	0	0	0

0.005334	0	0	0	0	0	0
0.010392	0	0	0	0	0	0
0.010762	0	0	0	0	0	0
0.065072	0	0	0	0	0	0
0.058421	0	0	0	0	0	0
0.549737	0.08	0	0	0	0	0
0.070101	0	0	0	0	0	0
0.055014	0	0	0	0	0	0
0.065342	0	0	0	0	0	0
0.981113	0	0	0	0	0	0
0.112666	0	0	0	0	0	0
0.495824	0	0	0	0	0	0
0.353683	0	0	0	0	0	0
0.220958	0	0	0	0	0	0
0.387549	0	0	0	0	0	0
0.003125	0	0	0	0	0	0
0.003959	0	0	0	0	0	0
0.002994	0	0	0	0	0	0
0.004602	0	0	0	0	0	0
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0.006618	0	0	0	0	0	0
0.010398	0	0	0	0	0	0
0.004628	0	0	0	0	0	0
0.004592	0	0	0	0	0	0
0.01296	0	0	0	0	0	0
0.00789	0	0	0	0	0	0
0.004199	0	0	0	0	0	0
0.006718	0	0	0	0	0	0
0.027474	0	0	0	0	0	0
0.002177	0	0	0	0	0	0
0.00175	0	0	0	0	0	0
0.003083	0	0	0	0	0	0
0.000828	0	0	0	0	0	0
0.000598	0	0	0	0	0	0
0.075609	0	0	0	0	0	0
0.038013	0	0	0	0	0	0
0.031574	0	0	0	0	0	0
0.034912	0	0	0	0	0	0
0.086923	0	0	0	0	0	0
0.113771	0	0	0	0	0	0
0.024681	0	0	0	0	0	0
0.033125	0	0	0	0	0	0
0.077678	0	0	0	0	0	0
0.037578	0	0	0	0	0	0
0.461897	0	0	0	0	0	0
0.093923	0	0	0	0	0	0
0.686704	0	0	0	0	0	0
0.123349	0	0	0	0	0	0
0.31918	0	0	0	0	0	0
0.16946	0	0	0	0	0	0

0.147467	0	0	0	0	0	0
0.707683	0	0	0	0	0	0
0.055794	0	0	0	0	0	0
0.010231	0	0	0	0	0	0
0.03622	0	0	0	0	0	0
0.022381	0	0	0	0	0	0
0.027347	0	0	0	0	0	0
0.015802	0	0	0	0	0	0
0.026814	0	0	0	0	0	0
0.021943	0	0	0	0	0	0
0.010508	0	0	0	0	0	0
0.008713	0	0	0	0	0	0
0.009712	0	0	0	0	0	0
0.021113	0	0	0	0	0	0
0.022213	0	0	0	0	0	0
0.010535	0	0	0	0	0	0
0.010666	0	0	0	0	0	0
0.009786	0	0	0	0	0	0
0.013866	0	0	0	0	0	0
0.013378	0	0	0	0	0	0
0.010827	0	0	0	0	0	0
0.042095	0	0	0	0	0	0
0.033761	0	0	0	0	0	0
0.053015	0	0	0	0	0	0
0.045071	0	0	0	0	0	0
0.072267	0	0	0	0	0	0
0.030936	0	0	0	0	0	0
0.066595	0	0	0	0	0	0
0.03397	0	0	0	0	0	0
0.04925	0	0	0	0	0	0
0.036996	0	0	0	0	0	0
0.05644	0	0	0	0	0	0
0.030268	0	0	0	0	0	0
0.022762	0	0	0	0	0	0
0.037966	0	0	0	0	0	0
0.013868	0	0	0	0	0	0
0.01789	0	0	0	0	0	0
0.015214	0	0	0	0	0	0
0.018526	0	0	0	0	0	0
0.020406	0	0	0	0	0	0
0.029021	0	0	0	0	0	0
0.016231	0	0	0	0	0	0
0.010937	0	0	0	0	0	0
0.012552	0	0	0	0	0	0
0.033061	0	0	0	0	0	0
0.055079	0	0	0	0	0	0
0.022956	0	0	0	0	0	0
0.014233	0	0	0	0	0	0
0.108036	0	0	0	0	0	0
0.0139	0	0	0	0	0	0

0.107655	0	0	0	0	0	0
0.000494	0	0	0	0	0	0
0.046459	0	0	0	6	0	6
0.055012	0	0	0	0	0	0
0.067952	0	0	0	0	0	0
0.055048	0	0	0	0	0	0
0.004004	0	0	0	0	0	0
0.011709	0	0	0	0	0	0
0.012587	0	0	0	0	0	0
0.007911	0	0	0	0	0	0
0.006083	0	0	0	0	0	0
0.005056	0	0	0	0	0	0
0.00435	0	0	0	0	0	0
0.007602	0	0	0	0	0	0
0.011777	0	0	0	0	0	0
0.007642	0	0	0	0	0	0
0.006001	0	0	0	0	0	0
0.005015	0	0	0	0	0	0
0.006976	0	0	0	0	0	0
0.00586	0	0	0	0	0	0
0.008146	0	0	0	0	0	0
0.004622	0	0	0	0	0	0
0.004478	0	0	0	0	0	0
0.008559	0	0	0	0	0	0
0.010759	0	0	0	0	0	0
0.006819	0	0	0	0	0	0
0.00736	0	0	0	0	0	0
0.011485	0	0	0	0	0	0
0.034056	0	0	0	0	0	0
0.009769	0	0	0	0	0	0
0.008409	0	0	0	0	0	0
0.796062	0	0	0	0	0	0
0.171704	0	0	0	0	0	0
0.175375	0	0	0	0	0	0
0.042086	0	0	0	0	0	0
0.054351	0	0	0	0	0	0
0.185211	0	0	0	0	0	0
0.018112	0	0	0	0	0	0
0.012739	0	0	0	0	0	0
0.018226	0	0	0	0	0	0
0.033367	0	0	0	0	0	0
0.008935	0	0	0	0	0	0
0.007044	0	0	0	0	0	0
0.02227	0	0	0	0	0	0
0.020495	0	0	0	0	0	0
0.02923	0	0	0	0	0	0
0.017785	0	0	0	0	0	0
0.02241	0	0	0	0	0	0
0.038437	0	0	0	0	0	0
0.052939	0	0	0	0	0	0



0.013702	0	0	0	0	0	0
0.041512	0	0	0	0	0	0
0.048742	0	0	0	0	0	0
0.111456	0	0	0	4	0	4
0.090807	0.01	0	0	0	0	0
0.006545	0	0	0	0	0	0
0.017423	0	0	0	0	0	0
0.310869	0.09	0	0	0	0	0
0.096317	0	0	0	0	8	8
0.006625	0	0	0	0	0	0
0.017679	0	0	0	0	0	0
0.006113	0	8	0	0	0	8
0.014037	0	0	0	0	0	0
0.003157	0	0	0	0	0	0
0.008482	0	0	0	0	0	0
0.012636	0	0	0	0	0	0
0.011541	0	0	0	0	0	0
0.030247	0	0	0	0	0	0
0.010851	0	0	0	0	0	0
0.000762	0	0	0	0	4	4
0.011267	0	4	0	0	0	4
0.012188	0	0	0	0	0	0
0.015998	0	0	0	0	0	0
0.003512	0	0	0	0	0	0
0.009767	0	0	0	0	0	0
0.00242	0	0	0	0	0	0
0.009398	0	0	0	0	0	0
0.006471	0	0	0	0	0	0
0.015228	0	0	0	0	0	0
0.032832	0	0	0	0	0	0
0.050246	0	0	0	0	0	0
0.012065	0	0	0	0	0	0
0.006382	0	0	0	0	0	0
0.006846	0	0	0	0	0	0
0.177995	0	0	0	0	0	0
0.042586	0	0	0	0	0	0
0.027743	0	0	0	0	0	0
0.054709	0	0	0	0	0	0
0.045203	0	0	0	0	0	0
0.031774	0	0	0	0	0	0
0.037783	0	0	0	0	0	0
0.100867	0	0	0	0	0	0
0.041954	0	0	0	0	0	0
0.041958	0	0	0	0	0	0
0.038263	0	0	0	0	0	0
0.135601	0	0	0	0	0	0
0.039864	0	0	0	0	0	0
0.034406	0	0	0	0	0	0
0.050474	0	0	0	0	0	0
0.032879	0	0	0	0	0	0

0.022946	0	0	0	0	0	0
0.03271	0	0	0	0	0	0
0.013517	0	0	0	0	0	0
0.040929	0	0	0	0	0	0
0.054962	0	0	0	0	0	0
0.197827	0.02	0	0	0	0	0
0.549223	0	0	0	0	0	0
0.107639	0	0	0	0	0	0
0.087308	0	0	0	0	0	0
0.044779	0	0	0	0	0	0
0.021028	0	0	0	0	0	0
0.017527	0	0	0	0	0	0
0.019573	0	0	0	0	0	0
0.095812	0	0	4	4	0	8
0.085041	0	0	0	0	0	0
0.13772	0	0	0	0	0	0
0.378034	0	0	0	0	0	0
0.075197	0	0	0	0	0	0
0.227109	0	0	0	0	0	0
0.043687	0	0	0	0	0	0
0.008195	0	0	0	0	0	0
0.010006	0	0	0	0	0	0
0.015878	0	0	0	0	0	0
0.017754	0	0	0	0	0	0
0.037581	0	0	0	0	0	0
0.1042	0.01	0	0	0	5	5
0.007609	0	5	0	0	0	5
0.019692	0	0	0	0	0	0
0.008474	0	0	0	0	0	0
0.069232	0	0	0	0	0	0
0.056833	0	0	0	0	0	0
0.009768	0	0	0	0	0	0
0.052156	0	0	0	0	0	0
0.010106	0	0	0	0	0	0
0.031657	0	0	0	0	0	0
0.020491	0	0	0	0	0	0
0.024119	0	0	0	0	0	0
0.010723	0	0	0	0	0	0
0.007541	0	0	0	0	0	0
0.034427	0	0	0	0	0	0
0.057366	0	0	0	0	0	0
0.023074	0	0	0	0	0	0
0.008721	0	0	0	0	0	0
0.026548	0	0	0	0	0	0
0.012383	0	0	0	0	0	0
0.006016	0	0	0	0	0	0
0.013545	0	0	0	0	0	0
0.042434	0	0	0	0	3	3
0.020487	0	3	0	0	0	3
0.064132	0	0	0	0	0	0

0.079759	0	0	0	0	0	0
0.025115	0	0	0	0	0	0
0.053754	0	0	0	0	0	0
0.051245	0	0	0	0	0	0
0.030105	0	0	0	0	0	0
0.03718	0	0	0	0	0	0
0.021804	0	0	0	0	0	0
0.027367	0	0	0	0	0	0
0.045841	0	0	0	0	0	0
0.06852	0	0	0	0	0	0
0.500668	0.1	0	0	0	0	0
0.163011	0	0	0	0	0	0
0.065258	0	0	0	0	0	0
0.046043	0	0	0	0	0	0
0.052654	0	0	0	0	0	0
0.063375	0	0	0	0	0	0
0.046722	0	0	0	0	0	0
0.067226	0	0	0	0	0	0
0.051983	0	0	0	0	0	0
0.06159	0	0	0	0	0	0
0.042672	0	0	0	0	0	0
0.051223	0	0	0	0	0	0
0.051951	0	0	0	0	0	0
0.067357	0	0	0	0	0	0
0.064105	0	0	0	0	0	0
0.05976	0	0	0	0	0	0
0.061857	0	0	0	0	0	0
0.052352	0	0	0	0	0	0
0.058372	0	0	0	0	0	0
0.037079	0	0	0	0	0	0
0.05986	0	0	0	0	0	0
0.043191	0	0	0	0	0	0
0.029669	0	0	0	0	0	0
0.033894	0	0	0	0	0	0
0.035359	0	0	0	0	0	0
0.035501	0	0	0	0	0	0
0.038275	0	0	0	0	0	0
0.109532	0	0	0	0	0	0
0.063812	0	0	0	0	0	0
0.035452	0	0	0	0	0	0
0.039693	0	0	0	0	0	0
0.053405	0	0	0	0	0	0
0.062001	0.02	0	0	0	1	1
0.000966	0	0	0	0	0	0
0.004503	0.01	0	0	0	0	0
0.001012	0	0	0	0	0	0
0.003527	0	0	0	0	0	0
0.008952	0	0	0	0	0	0
0.019681	0	1	0	0	0	1
0.013332	0	0	0	0	0	0

0.01068	0	0	0	0	0	0
0.001232	0	0	0	0	0	0
0.001279	0	0	0	0	0	0
0.000942	0	0	0	0	0	0
0.000446	0	0	0	0	0	0
0.005776	0	0	0	0	0	0
0.187457	0	0	0	0	0	0
0.027151	0	0	0	0	0	0
0.039086	0	0	0	0	0	0
0.029104	0	0	0	0	0	0
0.031712	0	0	0	0	0	0
0.022363	0	0	0	0	0	0
0.018095	0	0	0	0	0	0
0.012154	0	0	0	0	0	0
0.043121	0	0	0	0	0	0
0.031391	0	0	0	0	0	0
0.012223	0	0	0	0	0	0
0.015485	0	0	0	0	1	1
0.018111	0	0	0	0	0	0
0.159038	0	0	0	0	0	0
0.052209	0	0	0	0	0	0
0.071705	0	0	0	0	0	0
0.020431	0	0	0	0	0	0
0.016954	0	0	0	0	0	0
0.020348	0	0	0	0	0	0
0.018628	0	0	0	0	0	0
0.067528	0	0	0	0	0	0
0.028343	0	1	0	0	0	1
0.188763	0.03	0	0	0	5	5
0.031521	0	5	0	0	0	5
0.026501	0	0	0	0	0	0
0.021748	0	0	0	0	0	0
0.034611	0	0	0	0	0	0
0.035362	0	0	0	0	0	0
0.344514	0	0	0	0	0	0
0.049083	0	0	0	0	0	0
0.215552	0	0	0	0	0	0
0.235275	0	0	5	0	0	5
0.026029	0	0	0	0	0	0
0.019567	0	0	0	0	0	0
0.064746	0	0	0	0	0	0
0.00367	0	0	0	0	0	0
0.004761	0	0	0	0	0	0
0.008127	0	0	0	0	0	0
0.020187	0	0	0	0	0	0
0.006661	0	0	0	0	0	0
0.011908	0	0	0	0	0	0
0.006774	0.01	0	0	0	0	0
0.017914	0	0	0	0	0	0
0.002548	0	0	0	0	0	0

0.223368	0	0	0	0	0	0
0.963447	0	0	0	0	0	0
0.020939	0	0	0	0	0	0
0.223205	0	0	0	0	0	0
0.071314	0	0	0	0	0	0
0.060196	0	0	0	0	0	0
0.175221	0	0	0	0	0	0
0.115453	0	0	0	0	0	0
0.041425	0	0	0	0	0	0
0.114046	0	0	0	0	0	0
0.058796	0	0	0	0	0	0
0.029983	0	0	0	0	0	0
0.019626	0	0	0	0	0	0
0.012629	0	0	0	0	0	0
0.013137	0	0	0	0	0	0
0.006983	0	5	0	0	0	5
0.0092	0	0	0	0	0	0
0.006801	0	0	0	0	0	0
0.007433	0.01	0	0	0	0	0
0.07025	0	0	0	0	0	0
0.006142	0	0	0	0	0	0
0.03226	0	0	0	0	0	0
0.050805	0	0	0	0	0	0
0.001968	0	14	0	0	0	14
0.002538	0	0	0	0	0	0
0.004157	0	0	0	0	0	0
0.001597	0	0	0	0	0	0
0.040326	0	0	0	0	0	0
0.023427	0	0	0	0	0	0
0.01988	0	0	0	0	0	0
0.02696	0	0	0	0	0	0
0.046981	0	0	0	0	0	0
0.021158	0	0	0	0	0	0
0.024991	0	0	0	0	0	0
0.025679	0	0	0	0	0	0
0.01665	0	0	0	0	0	0
0.031418	0	0	0	0	0	0
0.035487	0	0	0	0	0	0
0.063969	0	0	0	0	0	0
0.048125	0	0	0	0	0	0
0.042128	0	0	0	0	0	0
0.108792	0	0	0	0	0	0
0.281396	0	0	0	0	0	0
0.023295	0	0	0	0	0	0
0.013479	0	0	0	0	0	0
0.020633	0	0	0	0	0	0
0.028027	0	0	0	0	0	0
0.034773	0	0	0	0	0	0
0.022195	0	0	0	0	0	0
0.024219	0	0	0	0	0	0

0.034727	0	0	0	0	0	0
0.023972	0	0	0	0	0	0
0.004953	0	0	0	0	0	0
0.004229	0	0	0	0	0	0
0.00531	0	0	0	0	5	5
0.007238	0	5	0	0	0	5
0.43721	0.14	1	0	0	7	8
0.037568	0	0	0	0	0	0
0.031868	0	0	0	0	0	0
0.021984	0	0	0	0	0	0
0.016809	0	0	0	0	0	0
0.025654	0	0	0	0	0	0
0.038025	0	0	0	0	0	0
0.051713	0	0	0	0	0	0
0.048326	0	0	0	0	0	0
0.019689	0	0	0	0	0	0
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0.014602	0	0	0	0	0	0
0.027639	0	0	0	0	0	0
0.022829	0	0	0	0	0	0
0.020883	0	0	0	0	0	0
0.052454	0	0	2	0	0	2
0.058025	0	0	0	0	0	0
0.031797	0	0	0	0	0	0
0.040082	0	0	0	0	0	0
0.064187	0	0	0	0	0	0
0.030403	0	0	0	0	0	0
0.058544	0	0	0	0	0	0
0.055432	0	0	0	0	0	0
0.053273	0	0	0	0	0	0
0.047964	0	0	0	0	0	0
0.042926	0	0	0	0	0	0
0.048118	0	0	0	0	0	0
0.054329	0	0	0	0	0	0
0.036568	0	0	0	0	0	0
0.035234	0	0	0	0	0	0
0.03575	0	0	0	0	0	0
0.046963	0	0	0	0	0	0
0.052578	0	0	0	0	0	0
0.025119	0	0	0	0	0	0
0.031958	0	0	0	0	0	0
0.036381	0	0	0	0	0	0
0.059269	0	0	0	0	0	0
0.051683	0	0	0	0	0	0
0.053268	0	0	0	0	0	0
0.055606	0	0	0	0	0	0
0.071679	0	0	0	0	0	0
0.063959	0	0	0	0	0	0
0.068492	0	0	0	0	0	0
0.04303	0	0	0	0	0	0

0.009752	0	0	0	0	0	0
0.008586	0	0	0	0	0	0
0.005241	0	0	0	0	0	0
0.00348	0	0	0	0	0	0
0.004234	0	0	0	0	0	0
0.008636	0	0	0	0	0	0
0.010431	0	0	0	0	0	0
0.006714	0	0	0	0	0	0
0.011705	0	0	0	0	0	0
0.005444	0	0	0	0	0	0
0.011445	0	0	0	0	0	0
0.003697	0	0	0	0	0	0
0.005223	0	0	0	0	0	0
0.010288	0	0	0	0	0	0
0.704325	0	0	0	3	0	3
0.009695	0	0	0	0	0	0
0.010159	0	0	0	0	0	0
0.016043	0	0	0	0	0	0
0.014981	0	0	0	0	0	0
0.009384	0	0	0	0	0	0
0.010625	0	0	0	0	0	0
0.006518	0	0	0	0	0	0
0.024896	0	0	0	0	0	0
0.016679	0	0	0	0	0	0
0.011703	0	0	0	0	0	0
0.01687	0	0	0	0	0	0
0.195781	0	0	0	0	0	0
0.031479	0	0	0	0	0	0
0.031284	0	0	0	0	0	0
0.019461	0	0	0	0	0	0
0.074983	0	0	0	0	0	0
0.008609	0	0	0	0	0	0
0.014337	0	0	0	0	0	0
0.050645	0	0	0	0	0	0
0.042356	0	0	0	0	0	0
0.024538	0	0	0	0	0	0
0.104674	0	0	0	0	0	0
0.044101	0	0	0	0	0	0
0.030356	0	0	0	0	0	0
0.024457	0	0	0	0	0	0
0.077418	0	0	0	0	0	0
0.052211	0	0	0	0	0	0
0.029905	0	0	0	0	0	0
0.050111	0	0	0	0	0	0
0.019995	0	0	0	0	0	0
0.019281	0	0	0	0	0	0
0.008164	0	0	0	0	0	0
0.012241	0	0	0	0	0	0
0.014566	0	0	0	0	0	0
0.081304	0	0	0	0	0	0

0.046787	0	0	0	0	0	0
0.014447	0	0	0	0	0	0
0.010551	0	0	0	0	0	0
0.01638	0	0	0	0	0	0
0.011783	0	0	0	0	0	0
0.004957	0	0	0	0	0	0
0.053061	0	0	0	0	0	0
0.008466	0	0	0	0	0	0
0.008291	0	0	0	0	0	0
0.005962	0	0	0	0	0	0
0.007162	0	0	0	0	0	0
0.010804	0	0	0	0	0	0
0.014419	0	0	0	0	0	0
0.012385	0	0	0	0	0	0
0.004536	0	0	0	0	0	0
0.005271	0	0	0	0	0	0
0.004582	0	0	0	0	0	0
0.00469	0	0	0	0	0	0
0.006138	0	0	0	0	0	0
0.022737	0	0	0	0	0	0
0.033997	0	0	0	0	0	0
0.057538	0	0	0	0	0	0
0.042498	0	0	0	0	0	0
0.041513	0	0	0	0	0	0
0.018042	0	0	0	0	0	0
0.029447	0	0	0	0	0	0
0.02538	0	0	0	0	0	0
0.023833	0	0	0	0	0	0
0.046303	0	0	0	0	0	0
0.012869	0	0	0	0	0	0
0.093116	0	0	0	0	0	0
0.013248	0	0	0	0	0	0
0.047957	0	0	0	0	0	0
0.067634	0	0	0	0	0	0
0.131637	0	0	0	0	0	0
0.028698	0	0	0	0	0	0
0.034851	0	0	0	0	0	0
0.035442	0	0	0	0	0	0
0.036908	0	0	0	0	0	0
0.02958	0	0	0	0	0	0
0.032772	0	0	0	0	0	0
0.01566	0	0	0	0	0	0
0.002141	0	0	0	0	0	0
0.00445	0	0	0	0	0	0
0.029123	0	0	0	0	0	0
0.01694	0	0	0	0	0	0
0.018328	0	0	0	0	0	0
0.01111	0	0	0	0	0	0
0.001753	0	0	0	0	0	0
0.00952	0	0	0	0	0	0



0.000475	0	0	0	0	0	0
0.007722	0	0	0	0	0	0
0.007218	0	0	0	0	0	0
0.007146	0	0	0	0	0	0
0.001288	0	0	0	0	0	0
0.003438	0	0	0	0	0	0
0.028555	0	0	0	0	0	0
0.058823	0	0	0	0	0	0
0.105414	0	0	0	0	0	0
0.009175	0	0	0	0	0	0
0.010087	0	0	0	0	0	0
0.004738	0	0	0	0	0	0
0.030291	0	0	0	0	0	0
0.019788	0	0	0	0	0	0
0.012026	0	0	0	0	0	0
0.010281	0	0	0	0	0	0
0.014935	0	0	0	0	0	0
0.010671	0	0	0	0	0	0
0.01098	0	0	0	0	0	0
0.01786	0	0	0	0	0	0
0.049251	0	0	0	0	0	0
0.032562	0	0	0	0	0	0
0.044482	0	0	0	0	0	0
0.032878	0	0	0	0	0	0
0.268642	0	0	0	0	0	0
0.057495	0	0	0	0	0	0
0.046917	0	0	0	0	0	0
0.106476	0	0	0	0	0	0
0.046448	0	0	0	0	0	0
0.043087	0	0	0	0	0	0
0.02383	0	0	0	0	0	0
0.013755	0	0	0	0	0	0
0.017818	0	0	0	0	0	0
0.022974	0	0	0	0	0	0
0.022348	0	0	0	0	0	0
0.022342	0	0	0	0	0	0
0.080752	0	0	0	0	0	0
0.084975	0	0	0	0	0	0
0.117837	0	0	0	0	0	0
0.144637	0	0	0	0	0	0
0.018132	0	0	0	0	0	0
0.031507	0	0	0	0	0	0
0.023224	0	0	0	0	0	0
0.011637	0	0	0	0	0	0
0.021372	0	0	0	0	0	0
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0.015606	0	0	0	0	0	0
0.01248	0	0	0	0	0	0
0.010991	0	0	0	0	0	0
0.006395	0	0	0	0	0	0

0.01521	0	0	0	0	0	0
0.009901	0	0	0	0	0	0
0.006356	0	0	0	0	0	0
0.005963	0	0	0	0	0	0
0.004167	0	0	0	0	0	0
0.008297	0	0	0	0	0	0
0.005447	0	0	0	0	0	0
0.00796	0	0	0	0	0	0
0.005734	0	0	0	0	0	0
0.01271	0	0	0	0	0	0
0.017652	0	0	0	0	0	0
0.127048	0	0	0	0	0	0
0.017923	0	0	0	0	0	0
0.005359	0	0	0	0	0	0
0.012217	0	0	0	0	0	0
0.01573	0	0	0	0	0	0
0.014199	0	0	0	0	0	0
0.036085	0	0	0	0	0	0
0.010424	0	0	0	0	0	0
0.038347	0	0	0	0	0	0
0.043244	0	0	0	0	0	0
0.034427	0	0	0	0	0	0
0.03073	0	0	0	0	0	0
0.038381	0	0	0	0	0	0
0.143921	0	0	0	0	0	0
0.039591	0	0	0	0	0	0
0.031573	0	0	0	0	0	0
0.042034	0	0	0	0	0	0
0.036019	0	0	0	0	0	0
0.054799	0	0	0	0	0	0
0.035378	0	0	0	0	0	0
0.015973	0	0	0	0	0	0
0.002646	0	0	0	0	0	0
0.019622	0	0	0	0	0	0
0.04073	0	0	0	0	0	0
0.065068	0	0	0	0	0	0
0.056707	0	0	0	0	0	0
0.035448	0	0	0	0	0	0
0.056837	0	0	0	0	0	0
0.046305	0	0	0	0	0	0
0.08054	0	0	0	0	0	0
0.051134	0	0	0	0	0	0
0.035734	0	0	0	0	0	0
0.056225	0	0	0	0	0	0
0.068681	0	0	0	0	0	0
0.08359	0	0	0	0	0	0
0.041726	0	0	0	0	0	0
0.005664	0	0	0	0	0	0
0.00351	0	0	0	0	0	0
0.004077	0	0	0	0	0	0

0.010128	0	0	0	0	0	0
0.020677	0	0	0	0	0	0
0.010093	0	0	0	0	0	0
0.004577	0	0	0	0	0	0
0.222993	0	0	0	0	0	0
0.06796	0	0	0	0	0	0
0.052299	0	0	0	0	0	0
0.167877	0	0	0	0	0	0
0.082141	0	0	0	0	0	0
0.05456	0	0	0	0	0	0
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0.058878	0	0	0	0	0	0
0.093702	0	0	0	0	0	0
0.092412	0	0	0	0	0	0
0.046554	0	0	0	0	0	0
0.058927	0	0	0	0	0	0
0.051951	0	0	0	0	0	0
0.056269	0	0	0	0	0	0
0.045576	0	0	0	0	0	0
0.04015	0	0	0	0	0	0
0.060214	0	0	0	0	0	0
0.048692	0	0	0	0	0	0
0.080975	0	0	0	0	0	0
0.060774	0	0	0	0	0	0
0.022712	0	0	0	0	0	0
0.014833	0	0	0	0	0	0
0.016401	0	0	0	0	0	0
0.04826	0	0	0	0	0	0
0.059369	0	0	0	0	0	0
0.017117	0	0	0	0	0	0
0.035658	0	0	0	0	0	0
0.047227	0	0	0	0	0	0
0.033737	0	0	0	0	0	0
0.035896	0	0	0	0	0	0
0.01887	0	0	0	0	0	0
0.036086	0	0	0	0	0	0
0.028152	0	0	0	0	0	0
0.17193	0.02	0	0	0	0	0
0.038493	0	0	0	0	0	0
0.034796	0	0	0	0	0	0
0.02554	0	0	0	0	0	0
0.01102	0	0	0	0	0	0
0.091469	0	0	0	0	0	0
0.002827	0	0	0	0	0	0
0.011531	0	0	0	0	0	0
0.047661	0	0	0	0	0	0
0.032293	0	0	0	0	0	0
0.01982	0	0	0	0	0	0
0.015187	0	0	0	0	0	0
0.008644	0	0	0	0	0	0

0.023124	0	0	0	0	0	0
0.045362	0	0	0	0	0	0
0.009063	0	0	0	0	0	0
0.022333	0	0	0	0	0	0
0.018653	0	0	0	0	0	0
0.020711	0	0	0	0	0	0
0.014594	0	0	0	0	0	0
0.012223	0	0	0	0	0	0
0.006361	0	0	0	0	0	0
0.036275	0	0	0	0	0	0
0.032866	0	0	0	0	0	0
0.017665	0	0	0	0	0	0
0.01731	0	0	0	0	0	0
0.027692	0	0	0	0	0	0
0.011309	0	0	0	0	0	0
0.005631	0	0	0	0	0	0
0.028506	0	0	0	0	0	0
0.057668	0	0	0	0	0	0
0.044463	0	0	0	0	0	0
0.030898	0	0	0	0	0	0
0.023183	0	0	0	0	0	0
0.021882	0	0	0	0	0	0
0.016103	0	0	0	0	0	0
0.003367	0	0	0	0	0	0
0.011191	0	0	0	0	0	0
0.012685	0	0	0	0	0	0
0.002724	0	0	0	0	0	0
0.08181	0	0	0	0	0	0
0.006233	0	0	0	0	0	0
0.018649	0	0	0	0	0	0
0.106636	0	0	0	0	0	0
0.052721	0	0	0	0	0	0
0.054411	0	0	0	0	0	0
0.027414	0	0	0	0	0	0
0.038225	0	0	0	0	0	0
0.062601	0	0	0	0	0	0
0.033808	0	0	0	0	0	0
0.031132	0	0	0	0	0	0
0.025511	0.01	0	0	0	0	0
0.065062	0	0	0	0	0	0
0.049896	0	0	0	0	0	0
0.084143	0	0	0	0	4	4
0.028196	0	4	0	0	0	4
0.035749	0	0	0	0	0	0
0.035678	0	0	0	0	0	0
0.434176	0	0	0	0	0	0
0.077183	0	0	0	0	0	0
0.041039	0	0	0	0	0	0
0.082851	0	0	0	0	0	0
0.027773	0	0	0	0	0	0

0.026426	0	0	0	0	0	0
0.03964	0	0	0	0	0	0
0.02189	0	0	0	0	0	0
0.047743	0	0	0	0	0	0
0.053098	0	0	0	0	0	0
0.021574	0	0	0	0	0	0
0.014616	0	0	0	0	0	0
0.025695	0	0	0	0	0	0
0.020456	0	0	0	0	0	0
0.07354	0	0	0	0	0	0
0.00953	0	0	0	0	0	0
0.017157	0	0	0	0	0	0
0.029559	0	0	0	0	0	0
0.01953	0	0	0	0	0	0
0.023246	0	0	0	0	0	0
0.282595	0	0	0	0	0	0
0.053347	0	0	0	0	0	0
0.137463	0	0	0	0	0	0
0.056653	0	0	0	0	0	0
0.160379	0	0	0	0	0	0
0.044319	0	0	0	0	0	0
0.056067	0	0	0	0	0	0
0.223123	0	0	0	0	0	0
0.057138	0	0	0	0	0	0
0.088965	0	0	0	0	0	0
0.030471	0	0	0	0	0	0
0.018319	0	0	0	0	0	0
0.029777	0	0	0	0	0	0
0.039446	0	0	0	0	0	0
0.033565	0	0	0	0	0	0
0.02397	0	0	0	0	0	0
0.042852	0	0	0	0	0	0
0.040001	0	0	0	0	0	0
0.028714	0	0	0	0	0	0
0.028956	0	0	0	0	0	0
0.251468	0	0	0	0	0	0
0.042256	0	0	0	0	0	0
0.074591	0	0	0	0	0	0
0.078985	0	0	0	0	0	0
0.04744	0	0	0	0	0	0
0.049134	0	0	0	0	0	0
0.052004	0	0	0	0	0	0
0.055268	0	0	0	0	0	0
0.047306	0	0	0	0	0	0
0.075466	0	0	0	0	0	0
0.053427	0	0	0	0	0	0
0.044254	0	0	0	0	0	0
0.038406	0	0	0	0	0	0
0.069646	0	0	0	0	0	0
0.039317	0	0	0	0	0	0

0.066002	0	0	0	0	0	0
0.036465	0	0	0	0	0	0
0.042756	0	0	0	0	0	0
0.013222	0	0	0	0	0	0
0.005796	0	0	0	0	0	0
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0.003014	0	0	0	0	0	0
0.006817	0	0	0	0	0	0
0.004041	0	0	0	0	0	0
0.001582	0	0	0	0	0	0
0.005399	0	0	0	0	0	0
0.00722	0	0	0	0	0	0
0.008326	0	0	0	0	0	0
0.005349	0	0	0	0	0	0
0.004099	0	0	0	0	0	0
0.005006	0	0	0	0	0	0
0.004704	0	0	0	0	0	0
0.00712	0	0	0	0	0	0
0.013782	0	0	0	0	0	0
0.042067	0	0	0	0	0	0
0.049883	0	0	0	0	0	0
0.01724	0	0	0	0	0	0
0.029057	0	0	0	0	0	0
0.09116	0	0	0	0	1	1
0.01924	0	0	0	0	0	0
0.045272	0	1	0	0	0	1
0.027992	0	0	0	0	0	0
0.051297	0	0	0	0	0	0
0.061055	0	0	0	0	0	0
0.037884	0	0	0	0	0	0
0.035315	0	0	0	0	0	0
0.023919	0	0	0	0	0	0
0.014016	0	0	0	0	0	0
0.011616	0	0	0	0	0	0
0.020408	0	0	0	0	0	0
0.027961	0	0	0	0	0	0
0.026398	0	0	0	0	0	0
0.056491	0	0	0	0	0	0
0.014912	0	0	0	0	0	0
0.052717	0	0	0	0	0	0
0.008695	0	0	0	0	0	0
0.001672	0	0	0	0	0	0
0.002288	0	0	0	0	0	0
0.001901	0	0	0	0	0	0
0.002967	0	0	0	0	0	0
0.007514	0	0	0	0	0	0
0.065867	0.01	0	0	0	0	0
0.043952	0	0	0	0	0	0
0.029363	0	0	0	0	0	0
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0.097771	0	0	0	0	0	0
0.048072	0	0	0	0	0	0
0.046871	0	0	0	0	0	0
0.060354	0	0	0	0	0	0
0.048712	0	0	0	0	0	0
0.031743	0	0	0	0	0	0
0.055139	0	0	0	0	0	0
0.044968	0	0	0	0	0	0
0.140653	0	0	0	0	0	0
0.037474	0	0	0	0	0	0
0.015358	0	0	0	0	0	0
0.009927	0	0	0	0	0	0
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0.007192	0	0	0	0	0	0
0.008819	0	0	0	0	0	0
0.018916	0	0	0	0	0	0
0.168024	0	0	0	0	0	0
0.043999	0	0	0	0	0	0
0.062102	0	0	0	0	0	0
0.048324	0	0	0	0	0	0
0.037521	0	0	0	0	0	0
0.032998	0	0	0	0	0	0
0.028859	0	0	0	0	0	0
0.03505	0	0	0	0	0	0
0.032531	0	0	0	0	0	0
0.02405	0	0	0	0	0	0
0.042449	0	0	0	0	0	0
0.071063	0	0	0	0	0	0
0.070389	0	0	0	0	0	0
0.032096	0	0	0	0	0	0
0.036255	0	0	0	0	0	0
0.080938	0	0	0	0	0	0
0.037633	0	0	0	0	0	0
0.052273	0	0	0	0	0	0
0.035834	0	0	0	0	0	0
0.045274	0	0	0	0	0	0
0.036623	0	0	0	0	0	0
0.668492	0.18	0	0	0	0	0
0.037808	0	0	0	0	0	0
0.06864	0	0	0	0	0	0
0.01641	0	0	0	0	0	0
0.06401	0	0	0	0	0	0
0.034465	0	0	0	0	0	0
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0.125641	0	0	0	0	0	0
0.018845	0	0	0	0	0	0
0.1798	0	0	0	0	0	0
0.104913	0	0	0	0	0	0
0.031207	0	0	0	0	0	0

0.054838	0	0	0	0	0	0
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0.069094	0	0	0	0	0	0
0.016521	0	0	0	0	0	0
0.032815	0	0	0	0	0	0
0.018018	0	0	0	0	0	0
0.032286	0	0	0	0	0	0
0.016931	0	0	0	0	0	0
0.036952	0	0	0	0	0	0
0.079984	0	0	0	0	0	0
0.040128	0	0	0	0	0	0
0.021771	0	0	0	0	0	0
0.043826	0	0	0	0	0	0
0.036731	0	0	0	0	0	0
0.053871	0	0	0	0	0	0
0.067497	0	0	0	0	0	0
0.035629	0	0	0	0	0	0
0.525398	0.21	0	0	0	0	0
0.187809	0	0	0	0	0	0
0.046378	0	0	0	0	0	0
0.161703	0	0	0	0	0	0
0.039458	0	0	0	0	0	0
0.029382	0	0	0	0	0	0
0.018089	0	0	0	0	0	0
0.029653	0	0	0	0	2	2
0.078528	0	2	0	0	0	2
0.037637	0	0	0	0	0	0
0.004779	0	0	0	0	0	0
0.003105	0	0	0	0	0	0
0.002606	0	0	0	0	0	0
0.131909	0.06	0	0	0	0	0
0.003818	0	0	0	0	0	0
0.003406	0	0	0	0	0	0
0.003276	0	0	0	0	0	0
0.003361	0	0	0	0	0	0
0.006597	0	0	0	0	0	0
0.021884	0	0	0	0	0	0
0.002463	0	0	0	0	0	0
0.002419	0	0	0	0	0	0
0.014228	0	0	0	0	0	0
0.004208	0.01	0	0	0	0	0
0.002062	0	0	0	0	0	0
0.004031	0	0	0	0	0	0
0.029783	0	0	0	0	0	0
0.0299	0	0	0	0	0	0
0.001753	0	0	0	0	0	0
0.023077	0	0	0	0	0	0
0.012676	0	0	0	0	0	0
0.009907	0.02	0	0	0	0	0



0.024887	0	0	0	0	0	0
0.057286	0	0	0	0	0	0
0.13928	0	0	0	0	0	0
0.053127	0	0	0	0	0	0
0.037835	0	0	0	0	0	0
0.07578	0	0	0	0	0	0
0.221222	0	0	0	0	0	0
0.114015	0	0	0	0	0	0
0.02397	0	0	0	0	0	0
0.009552	0	0	0	0	0	0
0.005039	0	0	0	0	0	0
0.005625	0	0	0	0	0	0
0.006457	0	0	0	0	0	0
0.017565	0	0	0	0	0	0
0.005938	0	0	0	0	4	4
0.005712	0	4	0	0	0	4
0.004558	0	0	0	0	0	0
0.012601	0	0	0	0	0	0
0.053772	0	0	0	0	2	2
0.033833	0	2	0	0	0	2
0.007375	0	0	0	0	0	0
0.09524	0	16	1	0	0	17
0.003946	0	0	0	0	0	0
0.006893	0	0	0	0	0	0
0.003957	0	0	0	0	0	0
0.005024	0	0	0	0	0	0
0.004612	0	0	0	0	1	1
0.037851	0	1	0	3	12	16
0.019922	0.02	12	0	0	0	12
0.006759	0	0	0	0	0	0
0.002424	0	0	0	0	0	0
0.001822	0	0	0	0	0	0
0.006756	0	0	0	0	0	0
0.005758	0	0	0	0	0	0
0.001829	0	0	0	0	0	0
0.00316	0	0	0	0	2	2
0.027973	0	2	0	7	0	9
0.015739	0	0	0	0	5	5
0.005266	0	0	0	0	0	0
0.009949	0	0	0	0	0	0
0.006686	0	0	0	0	0	0
0.005232	0	0	0	0	0	0
0.005162	0	0	0	0	7	7
0.005669	0	7	0	0	0	7
0.010771	0	0	0	0	10	10
0.049339	0	0	0	0	0	0
0.039677	0	0	0	0	0	0
0.051872	0	0	0	0	0	0
0.03839	0	0	0	0	0	0
0.051092	0	0	0	0	0	0

0.034032	0	0	0	0	0	0
0.056737	0	0	0	0	0	0
0.036059	0	0	0	0	0	0
0.056343	0	0	0	0	0	0
0.056097	0	0	0	0	0	0
0.457569	0.05	0	0	0	0	0
0.454048	0	0	0	0	0	0
0.371423	0	0	0	0	0	0
0.261833	0.01	0	0	0	0	0
0.249138	0	0	0	0	0	0
0.292686	0	0	0	0	0	0
0.314905	0	0	0	0	0	0
0.089418	0	0	0	0	0	0
0.384528	0.06	0	0	0	0	0
0.04364	0	0	0	0	0	0
0.101579	0	0	0	0	0	0
0.05393	0	0	0	0	0	0
0.047338	0	0	0	0	0	0
0.016172	0	0	0	0	0	0
0.009563	0	0	0	0	0	0
0.023731	0	0	0	0	0	0
0.017184	0	0	0	0	0	0
0.076391	0	0	0	0	0	0
0.010587	0	0	0	0	1	1
0.011728	0	1	0	0	0	1
0.009003	0	0	0	0	0	0
0.047937	0	0	0	0	0	0
0.048621	0	0	0	0	0	0
0.040753	0	0	0	0	0	0
0.107467	0	0	0	0	0	0
0.02529	0	0	0	0	0	0
0.043088	0	0	0	0	0	0
0.009035	0	0	0	0	0	0
0.012058	0	0	0	0	0	0
0.008206	0	0	0	0	0	0
0.040736	0	0	0	0	0	0
0.067413	0	0	0	0	0	0
0.035059	0	0	0	0	0	0
0.043553	0	0	0	0	0	0
0.016557	0	0	0	0	0	0
0.00776	0	0	0	0	0	0
0.009707	0	0	0	0	0	0
0.008557	0	0	0	0	0	0
0.009931	0	0	0	0	0	0
0.000419	0	0	0	0	0	0
0.00051	0	0	0	0	0	0
0.003185	0	0	0	0	0	0
0.000516	0	0	0	0	0	0
0.06289	0	0	0	0	0	0
0.061797	0	0	0	0	0	0

0.054861	0	0	0	0	0	0
0.03644	0	0	0	0	0	0
0.062974	0	0	0	0	0	0
0.063235	0	0	0	0	0	0
0.068389	0	0	0	0	0	0
0.038737	0	0	0	0	0	0
0.09591	0	0	0	0	0	0
0.067849	0	0	0	0	0	0
0.070607	0	0	0	0	0	0
0.042626	0	0	0	0	0	0
0.030912	0	0	0	0	0	0
0.040364	0	0	0	0	0	0
0.292323	0	0	0	0	0	0
0.115077	0	0	0	0	0	0
0.03252	0	0	0	0	0	0
0.044746	0	0	0	0	0	0
0.008976	0	0	0	0	0	0
0.008231	0	0	0	0	0	0
0.003207	0	0	0	0	0	0
0.010624	0	0	0	0	0	0
0.004199	0	0	0	0	0	0
0.004764	0	0	0	0	0	0
0.003174	0	0	0	0	0	0
0.002007	0	0	0	0	0	0
0.001939	0	0	0	0	0	0
0.00314	0	0	0	0	0	0
0.007608	0	0	0	0	0	0
0.005665	0	0	0	0	0	0
0.002431	0	0	0	0	0	0
0.002306	0	0	0	0	0	0
0.001907	0	0	0	0	0	0
0.005611	0	0	0	0	0	0
0.008532	0	0	0	0	0	0
0.007194	0	0	0	0	0	0
0.003073	0	0	0	0	0	0
0.005584	0	0	0	0	0	0
0.005668	0	0	0	0	0	0
0.006127	0	0	0	0	0	0
0.046789	0	0	0	0	0	0
0.047946	0	0	0	0	0	0
0.029263	0	0	0	0	0	0
0.16879	0	0	0	0	0	0
0.067102	0	0	0	0	0	0
0.054073	0	0	0	0	0	0
0.057628	0	0	0	0	0	0
0.010436	0	0	0	0	0	0
0.011955	0	0	0	0	0	0
0.002255	0	0	0	0	0	0
0.00114	0	0	0	0	0	0
0.011561	0	0	0	3	0	3

0.000897	0	0	0	0	0	0
0.001988	0	0	0	0	0	0
0.000953	0	0	0	0	0	0
0.000639	0	0	0	0	0	0
0.001326	0	0	0	0	0	0
0.011247	0	0	0	0	0	0
0.010963	0	0	0	0	0	0
0.012304	0	0	0	0	0	0
0.011034	0	0	0	0	0	0
0.022365	0	0	0	0	0	0
0.097313	0.02	0	0	0	0	0
0.01563	0	0	0	0	0	0
0.015441	0	0	0	0	0	0
0.0157	0	0	0	0	0	0
0.048847	0	0	0	0	0	0
0.013544	0	0	0	0	0	0
0.014228	0	0	0	0	0	0
0.01264	0	0	0	0	0	0
0.035473	0	0	0	0	0	0
0.060644	0	0	0	0	0	0
0.04441	0	0	0	0	0	0
0.032046	0	0	0	0	0	0
0.068426	0	0	0	0	0	0
0.009022	0	0	0	0	0	0
0.026408	0	0	0	0	0	0
0.022973	0	0	0	0	0	0
0.006412	0	0	0	0	0	0
0.017162	0	0	0	0	0	0
0.005555	0	0	0	0	0	0
0.006311	0	0	0	0	0	0
0.006196	0	0	0	0	0	0
0.005571	0	0	0	0	0	0
0.011531	0	0	0	0	0	0
0.014628	0	0	0	0	0	0
0.015055	0	0	0	0	0	0
0.005163	0	0	0	0	0	0
0.005339	0	0	0	0	0	0
0.002137	0	0	0	0	0	0
0.002764	0	0	0	0	0	0
0.002071	0	0	0	0	0	0
0.001739	0	0	0	0	0	0
0.058119	0	0	0	0	0	0
0.04497	0	0	0	0	0	0
0.125125	0	0	0	0	0	0
0.041845	0	0	0	0	0	0
0.129172	0	0	0	0	0	0
0.020774	0	0	0	0	0	0
0.036104	0	0	0	0	0	0
0.253018	0	0	0	0	0	0
0.035474	0	0	0	0	0	0

0.071858	0	0	0	0	0	0
0.018977	0	0	0	0	0	0
0.038764	0	0	0	0	0	0
0.041155	0	0	0	2	0	2
0.054488	0	0	0	0	0	0
0.032112	0	0	0	0	0	0
0.038535	0	0	0	0	0	0
0.049605	0	0	0	0	0	0
0.028685	0	0	0	0	0	0
0.014975	0	0	0	0	0	0
0.075257	0	0	0	0	0	0
0.009839	0	0	0	0	0	0
0.040578	0	0	0	0	0	0
0.071764	0	0	0	0	0	0
0.043489	0	0	0	0	0	0
0.0126	0	0	0	0	0	0
0.031056	0	0	0	0	0	0
0.010636	0	0	0	0	0	0
0.00955	0	0	0	0	0	0
0.011263	0	0	0	0	0	0
0.009763	0	0	0	0	0	0
0.007358	0	0	0	0	0	0
0.023582	0	0	0	0	0	0
0.044589	0	0	0	0	0	0
0.047605	0	0	0	0	0	0
0.040818	0	0	0	0	0	0
0.049163	0	0	0	0	0	0
0.02079	0	0	0	0	0	0
0.223835	0	0	0	0	0	0
0.381633	0	0	0	0	0	0
0.180146	0	0	0	2	0	2
0.092846	0	0	0	0	0	0
0.018101	0	0	0	0	0	0
0.014823	0	0	0	0	0	0
0.142029	0	0	0	0	0	0
0.050782	0	0	0	0	0	0
0.051163	0	0	0	0	0	0
0.050229	0	0	0	0	0	0
0.056881	0	0	0	0	0	0
0.016855	0	0	0	0	0	0
0.016452	0	0	0	0	0	0
0.020183	0	0	0	0	0	0
0.018846	0	0	0	0	0	0
0.029719	0	0	0	0	0	0
0.025224	0	0	0	0	0	0
0.047307	0	0	0	0	0	0
0.018473	0	0	0	0	0	0
0.070777	0	0	0	0	0	0
0.020107	0	0	0	0	0	0
0.013975	0	0	0	0	0	0

0.016136	0	0	0	0	0	0
0.011258	0	0	0	0	0	0
0.022488	0	0	0	0	0	0
0.006809	0	0	0	0	0	0
0.010958	0	0	0	0	0	0
0.023238	0	0	0	0	0	0
0.013249	0	0	0	0	0	0
0.010762	0	0	0	0	0	0
0.029979	0	0	0	0	0	0
0.023204	0	0	0	0	0	0
0.019314	0	0	0	0	0	0
0.012059	0	0	0	0	0	0
0.007817	0	0	0	0	0	0
0.085396	0.09	0	0	0	0	0
0.007875	0	0	0	0	0	0
0.028979	0	0	0	0	0	0
0.02684	0	0	0	0	0	0
0.045904	0	0	0	0	0	0
0.031593	0	0	0	0	0	0
0.034513	0	0	0	0	0	0
0.05821	0	0	0	0	0	0
0.187194	0	0	0	0	0	0
0.080777	0	0	0	0	0	0
0.022032	0	0	0	0	0	0
0.015698	0	0	0	0	0	0
0.029549	0	0	0	0	0	0
0.02996	0	0	0	0	0	0
0.013491	0	0	0	0	0	0
0.256624	0.03	0	4	27	0	31
0.011227	0	0	0	0	0	0
0.001378	0	0	0	0	0	0
0.010428	0	0	0	0	0	0
0.002217	0.01	0	0	0	0	0
0.003159	0	0	0	0	0	0
0.325715	0.11	0	0	0	0	0
0.004854	0	0	0	0	0	0
0.05372	0	0	0	0	0	0
0.0373	0	0	0	0	0	0
0.010836	0	0	0	0	0	0
0.00622	0	0	0	0	0	0
0.009071	0	0	0	0	0	0
0.033439	0	0	0	0	0	0
0.018942	0	0	0	0	0	0
0.035561	0	0	0	0	0	0
0.049557	0	0	0	0	0	0
0.008923	0	0	0	0	0	0
0.016064	0	0	0	0	0	0
0.006614	0	0	0	0	0	0
0.006688	0	0	0	0	0	0
0.009152	0	0	0	0	0	0

0.014077	0	0	0	0	0	0
0.01364	0	0	0	0	0	0
0.028959	0	0	0	0	0	0
0.017093	0	0	0	0	0	0
0.01492	0	0	0	0	0	0
0.019774	0	0	0	0	0	0
0.013493	0	0	0	0	0	0
0.006955	0	0	0	0	0	0
0.002824	0	0	0	0	0	0
0.002658	0	0	0	0	0	0
0.003889	0	0	0	0	0	0
0.003389	0	0	0	0	0	0
0.007938	0	0	0	0	0	0
0.014589	0	0	0	0	0	0
0.002929	0	0	0	0	0	0
0.002617	0	0	0	0	0	0
0.002003	0	0	0	0	0	0
0.001572	0	0	0	0	0	0
0.004006	0	0	0	0	0	0
0.005974	0.01	0	0	0	0	0
0.004083	0	0	0	0	0	0
0.004206	0	0	0	0	0	0
0.005391	0	0	0	0	0	0
0.00632	0	0	0	0	0	0
0.004275	0	0	0	0	0	0
0.009118	0	0	0	0	0	0
0.004659	0	0	0	0	0	0
0.072166	0	0	0	0	0	0
0.02911	0	0	0	0	0	0
0.136939	0	0	0	0	0	0
0.054073	0	0	0	0	0	0
0.063189	0	0	0	0	0	0
0.057179	0	0	0	0	0	0
0.038278	0	0	0	0	0	0
0.966749	0	0	0	0	0	0
0.021427	0	7	0	0	0	7
0.019126	0	0	0	0	0	0
0.023323	0	0	0	0	0	0
0.020059	0	0	0	0	0	0
0.017995	0	0	0	0	0	0
0.010675	0	0	0	0	0	0
0.014842	0	0	0	0	0	0
0.014397	0	0	0	0	0	0
0.018587	0	0	0	0	0	0
0.02781	0	0	0	0	0	0
0.011195	0	0	0	0	0	0
0.00756	0	0	0	0	7	7
0.0091	0	7	0	0	0	7
0.00516	0	0	0	0	0	0
0.004424	0	0	0	0	0	0

0.003138	0	0	0	0	0	0
0.036929	0	1	0	0	0	1
0.119209	0	0	0	0	0	0
0.033688	0	0	0	0	0	0
0.039786	0	0	0	0	0	0
0.03077	0	0	0	0	0	0
0.045118	0	0	0	0	0	0
0.032944	0	0	0	0	7	7
0.146256	0	0	0	0	0	0
0.066033	0	0	0	0	0	0
0.042444	0	0	0	0	0	0
0.059189	0	0	0	0	0	0
0.026326	0	0	0	0	0	0
0.05935	0	0	0	0	0	0
0.042766	0	0	0	0	0	0
0.054894	0	0	0	0	0	0
0.044339	0	0	0	0	0	0
0.056564	0	0	0	0	0	0
0.032695	0	0	4	0	0	4
0.079604	0	0	0	0	0	0
0.023092	0	0	0	0	0	0
0.010306	0	0	0	0	0	0
0.010246	0	0	0	0	0	0
0.008637	0	0	0	0	0	0
0.018264	0	0	0	0	0	0
0.013871	0	0	0	0	0	0
0.012578	0	0	0	0	0	0
0.014387	0	0	0	0	0	0
0.006002	0	0	0	0	0	0
0.007176	0	0	0	0	0	0
0.012683	0	0	0	0	0	0
0.020543	0	0	0	0	0	0
0.007993	0	0	0	0	0	0
0.009035	0	0	0	0	0	0
0.034083	0	0	0	0	0	0
0.015281	0	0	0	0	0	0
0.008812	0	0	0	0	0	0
0.016755	0	0	0	0	0	0
0.011812	0	0	0	0	0	0
0.020145	0	0	0	0	0	0
0.006874	0	0	0	0	0	0
0.013913	0	0	0	0	0	0
0.015324	0	0	0	0	0	0
0.015575	0	0	0	0	0	0
0.00334	0	0	0	0	0	0
0.011063	0	0	0	0	0	0
0.025162	0	0	0	0	0	0
0.014874	0	0	0	0	0	0
0.021041	0	0	0	0	0	0
0.022153	0	0	0	0	0	0



0.023735	0	0	0	0	0	0
0.041487	0	0	0	0	0	0
0.052774	0	0	0	0	0	0
0.054781	0	0	0	0	0	0
0.01637	0	0	0	0	0	0
0.014666	0	0	0	0	1	1
0.03985	0	1	0	0	0	1
0.008436	0	0	0	0	0	0
0.010593	0	0	0	0	0	0
0.020377	0	0	0	0	0	0
0.009081	0	0	0	0	0	0
0.04326	0	0	0	0	0	0
0.016929	0	0	0	0	0	0
0.010637	0	0	0	0	4	4
0.023218	0	4	0	0	0	4
0.054886	0	0	0	0	0	0
0.038635	0	0	0	0	3	3
0.044379	0	3	0	0	0	3
0.070786	0	0	0	0	0	0
0.074168	0	0	0	0	8	8
0.444056	0.11	8	15	0	0	23
0.015724	0	0	0	0	0	0
0.02047	0	0	0	0	0	0
0.042784	0	0	0	0	0	0
0.022856	0	0	0	0	0	0
0.01854	0	0	0	0	0	0
0.014373	0	0	0	0	0	0
0.019306	0	0	0	0	0	0
0.044495	0	0	0	0	0	0
0.025194	0	0	0	0	0	0
0.043608	0	0	0	0	0	0
0.021967	0	0	0	0	0	0
0.02848	0	0	0	0	0	0
0.016841	0	0	0	0	0	0
0.04647	0	0	0	0	0	0
0.027519	0	0	0	0	0	0
0.031613	0	0	0	0	0	0
0.015097	0	0	0	0	0	0
0.009863	0	0	0	0	0	0
0.016801	0	0	0	0	0	0
0.021962	0	0	0	0	0	0
0.008974	0	0	0	0	0	0
0.011726	0	0	0	0	0	0
0.029722	0	0	0	0	0	0
0.036315	0	0	0	0	0	0
0.06834	0.02	0	0	0	0	0
0.040413	0	0	0	0	0	0
0.029848	0	0	0	0	0	0
0.03439	0	0	0	0	0	0
0.025187	0	0	0	0	0	0

0.0114	0	0	0	0	0	0
0.002884	0	0	0	0	0	0
0.037011	0	0	0	0	0	0
0.007973	0	0	0	0	0	0
0.022174	0	0	0	0	0	0
0.012536	0	0	0	0	0	0
0.009447	0	0	0	0	0	0
0.012361	0	0	0	0	0	0
0.014038	0	0	0	0	0	0
0.021252	0	0	0	0	0	0
0.019608	0	0	0	0	0	0
0.015889	0	0	0	0	0	0
0.013603	0	0	0	0	0	0
0.013971	0	0	0	0	0	0
0.024905	0	0	0	0	0	0
0.020236	0	0	0	0	0	0
0.04518	0	0	0	0	0	0
0.025657	0	0	0	0	0	0
0.014206	0	0	0	0	0	0
0.073524	0	0	0	0	0	0
0.045528	0	0	0	0	0	0
0.111618	0	0	0	0	0	0
0.011685	0	0	0	0	0	0
0.025875	0	0	0	0	0	0
0.018873	0	0	0	0	0	0
0.017425	0	0	0	0	0	0
0.028705	0	0	0	0	0	0
0.014334	0	0	0	0	0	0
0.019857	0	0	0	0	0	0
0.187183	0	0	0	0	0	0
0.019741	0	0	0	0	0	0
0.019233	0	0	0	0	0	0
0.01189	0	0	0	0	0	0
0.064459	0	0	0	0	0	0
0.059117	0	0	0	0	0	0
0.063309	0	0	0	0	0	0
0.96472	0	0	0	0	0	0
0.938736	0	0	0	0	0	0
0.048189	0	0	0	0	0	0
0.01073	0	0	0	0	0	0
0.009308	0	0	0	0	0	0
0.015649	0	0	0	0	0	0
0.014872	0	0	0	0	0	0
0.011981	0	0	0	0	0	0
0.031566	0	0	0	0	0	0
0.022936	0	0	0	0	0	0
0.013821	0	0	0	0	0	0
0.010937	0	0	0	0	0	0
0.007538	0	0	0	0	0	0
0.007225	0	0	0	0	0	0

0.008562	0	0	0	0	0	0
0.009539	0	0	0	0	0	0
0.014247	0	0	0	0	0	0
0.006271	0	0	0	0	0	0
0.008219	0	0	0	0	0	0
0.012166	0	0	0	0	0	0
0.006308	0	0	0	0	0	0
0.018416	0	0	0	0	0	0
0.021425	0	0	0	0	0	0
0.024247	0	0	0	0	0	0
0.012799	0	0	0	0	0	0
0.010958	0	0	0	0	0	0
0.017907	0	0	0	0	0	0
0.021108	0	0	0	0	0	0
0.009246	0	0	0	0	0	0
0.00628	0	0	0	0	0	0
0.006488	0	0	0	0	0	0
0.008752	0	0	0	0	0	0
0.014499	0	0	0	0	0	0
0.006838	0	0	0	0	0	0
0.007415	0	0	0	0	0	0
0.003783	0	0	0	0	0	0
0.004252	0	0	0	0	0	0
0.005303	0	0	0	0	0	0
0.014402	0	0	0	0	0	0
0.013847	0	0	0	1	0	1
0.042901	0	0	0	0	0	0
0.054858	0	0	0	0	0	0
0.047808	0	0	0	0	0	0
0.056511	0	0	0	0	0	0
0.050331	0	0	0	0	0	0
0.053314	0	0	0	0	0	0
0.064616	0	0	0	0	0	0
0.029876	0	0	0	0	0	0
0.038265	0	0	0	0	0	0
0.054197	0	0	0	0	0	0
0.042759	0	0	0	0	0	0
0.035531	0	0	0	0	0	0
0.040047	0	0	0	0	0	0
0.045744	0	0	0	0	0	0
0.025408	0	0	0	0	0	0
0.02977	0	0	0	0	0	0
0.0234	0	0	0	0	0	0
0.028422	0	0	0	0	0	0
0.039221	0	0	0	0	0	0
0.02941	0	0	0	0	0	0
0.024103	0	0	0	0	0	0
0.161122	0	0	0	0	0	0
0.042118	0	0	0	0	0	0
0.044212	0	0	0	0	0	0

0.035471	0	0	0	0	0	0
0.038037	0	0	0	0	0	0
0.026836	0	0	0	0	0	0
0.059324	0	0	0	0	0	0
0.023412	0	0	0	0	0	0
0.122171	0	0	0	0	0	0
0.023343	0	0	0	0	0	0
0.015289	0	0	0	0	0	0
0.018381	0	0	0	0	0	0
0.06349	0	0	0	0	0	0
0.125713	0	0	0	0	0	0
0.015809	0	0	0	0	0	0
0.049912	0	0	0	0	0	0
0.065945	0	0	0	0	0	0
0.010739	0	0	0	0	0	0
0.037998	0	0	0	0	0	0
0.030232	0	0	0	0	0	0
0.024759	0	0	0	0	0	0
0.016858	0	0	0	0	0	0
0.007858	0	0	0	0	0	0
0.021186	0	0	0	0	0	0
0.01347	0	0	0	0	0	0
0.009135	0	0	0	0	0	0
0.015537	0	0	0	0	0	0
0.015703	0	0	0	0	0	0
0.012537	0	0	0	0	0	0
0.013229	0	0	0	0	0	0
0.012183	0	0	0	0	0	0
0.017659	0	0	0	0	0	0
0.057096	0	0	0	0	0	0
0.012433	0	0	0	0	0	0
0.00631	0	0	0	0	0	0
0.008557	0	0	0	0	0	0
0.032941	0	0	0	0	0	0
0.029543	0	0	0	0	0	0
0.015008	0	0	0	0	0	0
0.019182	0	0	0	0	0	0
0.017162	0	0	0	0	0	0
0.021989	0	0	0	0	0	0
0.026969	0	0	0	0	0	0
0.014091	0	0	0	0	0	0
0.011311	0	0	0	0	0	0
0.031611	0	0	0	0	0	0
0.084948	0	0	0	0	0	0
0.033747	0	0	0	0	0	0
0.053562	0	0	0	0	0	0
0.062274	0	0	0	0	0	0
0.053134	0	0	0	0	0	0
0.044448	0	0	0	0	0	0
0.040554	0	0	0	0	0	0

0.314335	0	0	0	0	0	0
0.022665	0	0	0	0	0	0
0.007354	0	0	0	0	0	0
0.019077	0	0	0	0	0	0
0.008034	0	0	0	0	0	0
0.00277	0	0	0	0	0	0
0.005409	0	0	0	0	0	0
0.036226	0	0	0	0	0	0
0.023896	0	0	0	0	0	0
0.007078	0	0	0	0	0	0
0.003583	0	0	0	0	0	0
0.00557	0	0	0	0	0	0
0.040003	0	0	0	0	0	0
0.018061	0	0	0	0	0	0
0.008505	0	0	0	0	0	0
0.008301	0	0	0	0	0	0
0.027498	0	0	0	0	0	0
0.006025	0	0	0	0	0	0
0.009404	0	0	0	0	0	0
0.030738	0	0	0	0	0	0
0.006417	0	0	0	0	0	0
0.026769	0	0	0	0	0	0
0.016254	0	0	0	0	0	0
0.018714	0	0	0	0	0	0
0.010174	0	0	0	0	0	0
0.01198	0	0	0	0	0	0
0.026263	0	0	0	0	0	0
0.002201	0	7	0	0	0	7
0.103156	0.2	0	0	0	0	0
0.064124	0.39	0	5	0	0	5
0.054974	0.4	0	0	0	0	0
0.06029	0.32	0	0	0	0	0
0.012015	0	0	0	0	0	0
0.019663	0	0	0	0	0	0
0.013012	0	0	0	0	0	0
0.002862	0	0	0	0	0	0
0.176563	0	0	0	0	0	0
0.101586	0	0	0	0	0	0
0.365454	0	0	0	0	0	0
0.153876	0	0	0	0	0	0
0.053785	0	0	0	0	0	0
0.055264	0	0	0	0	0	0
0.056193	0	0	0	0	0	0
0.098583	0	0	0	0	0	0
0.206434	0	0	0	0	0	0
0.057376	0	0	0	0	0	0
0.152673	0	0	0	0	0	0
0.080042	0	0	0	0	0	0
0.048391	0	0	0	0	0	0
0.038195	0	0	0	0	0	0

0.037028	0	0	0	0	0	0
0.135793	0	0	0	0	0	0
0.274566	0.01	0	0	0	0	0
0.009305	0	0	0	0	0	0
0.007037	0	0	0	0	0	0
0.01036	0	0	0	0	0	0
0.022994	0	0	0	0	0	0
0.006914	0	0	0	0	0	0
0.039105	0	0	0	0	0	0
0.01002	0	0	0	0	0	0
0.019169	0	0	0	0	0	0
0.032685	0	0	0	0	0	0
0.03604	0	0	0	0	0	0
0.064702	0	0	0	0	0	0
0.102541	0	0	0	0	0	0
0.028706	0	0	0	0	0	0
0.016989	0	0	0	0	0	0
0.021172	0	0	0	0	0	0
0.03299	0	0	0	0	0	0
0.000933	0	0	0	0	0	0
0.000954	0	0	0	0	0	0
0.001439	0	0	0	0	0	0
0.003491	0	0	0	0	0	0
0.008623	0	0	0	0	0	0
0.007495	0	0	0	0	0	0
0.008062	0	0	0	0	0	0
0.002947	0	0	0	0	0	0
0.002361	0	0	0	0	0	0
0.004875	0	0	0	0	0	0
0.002084	0	0	0	0	0	0
0.006723	0	0	0	0	0	0
0.007959	0	0	0	0	0	0
0.013801	0	0	0	0	0	0
0.010445	0	0	0	0	0	0
0.012885	0	0	0	0	0	0
0.017543	0	0	0	0	0	0
0.01571	0	0	0	0	0	0
0.01239	0	0	0	0	0	0
0.012822	0	0	0	0	0	0
0.006539	0	0	0	0	0	0
0.061591	0	0	0	0	0	0
0.324444	0	0	0	0	0	0
0.261265	0	0	0	0	0	0
0.201884	0	0	0	0	0	0
0.064216	0.02	0	0	0	0	0
0.110548	0	0	0	0	0	0
0.084649	0	0	0	0	0	0
0.152127	0	0	0	0	0	0
0.005321	0	0	0	0	0	0
0.007183	0	0	0	0	0	0

0.010723	0	0	0	0	0	0
0.007129	0	0	0	0	0	0
0.008653	0	0	0	0	0	0
0.045145	0	0	0	0	0	0
0.099494	0	0	0	0	0	0
0.015315	0	0	0	0	0	0
0.006451	0	0	0	0	0	0
0.004977	0	0	0	0	0	0
0.015906	0	0	0	0	0	0
0.005029	0	0	0	0	0	0
0.01672	0	0	0	0	0	0
0.203349	0	0	0	0	0	0
0.030584	0	0	0	0	0	0
0.017778	0	0	0	0	0	0
0.033163	0	0	0	0	0	0
0.010882	0	0	0	0	0	0
0.010509	0	0	0	0	0	0
0.00914	0	0	0	0	0	0
0.021166	0	0	0	0	0	0
0.0131	0	0	0	0	0	0
0.010325	0	0	0	0	0	0
0.227765	0	0	0	0	0	0
0.022701	0	0	0	0	0	0
0.005979	0	0	0	0	0	0
0.002645	0	0	0	0	0	0
0.035991	0.03	0	0	0	0	0
0.125428	0.04	0	0	0	0	0
0.005345	0	0	0	0	0	0
0.004076	0	0	0	0	0	0
0.001493	0	0	0	0	0	0
0.001731	0	0	0	0	0	0
0.015186	0	0	0	0	0	0
0.005876	0	0	0	0	0	0
0.040884	0	0	0	0	0	0
0.015484	0	0	0	0	0	0
0.015972	0	0	0	0	0	0
0.018587	0	0	0	0	0	0
0.01353	0	0	0	0	0	0
0.016772	0	0	0	0	0	0
0.010334	0	0	0	0	0	0
0.010735	0	0	0	0	0	0
0.115863	0	0	0	0	0	0
0.127534	0	0	0	0	0	0
0.01346	0	0	0	0	0	0
0.080342	0	0	0	0	0	0
0.033791	0	0	0	0	0	0
0.036135	0	0	0	0	0	0
0.053324	0	0	0	0	0	0
0.025569	0	0	0	0	0	0
0.036236	0	0	0	0	0	0

0.035075	0	0	0	0	0	0
0.020489	0	0	0	0	0	0
0.012497	0	0	0	0	0	0
0.006022	0	0	0	0	0	0
0.037751	0	0	0	0	0	0
0.005205	0	0	0	0	0	0
0.003673	0	0	0	0	0	0
0.002139	0	0	0	0	0	0
0.006728	0	0	0	0	0	0
0.004393	0	0	0	0	0	0
0.002351	0	0	0	0	0	0
0.00347	0	0	0	0	0	0
0.021739	0	0	0	0	0	0
0.004245	0	0	0	0	0	0
0.00355	0	0	0	0	0	0
0.003981	0	0	0	0	0	0
0.00454	0	0	0	0	0	0
0.007415	0	0	0	0	0	0
0.007161	0	0	0	0	0	0
0.018943	0	0	0	0	0	0
0.28216	0	0	0	0	0	0
0.009106	0	0	0	0	0	0
0.009608	0	0	0	0	0	0
0.011149	0	0	0	0	0	0
0.007119	0	0	0	0	0	0
0.96108	0	0	0	5	0	5
0.01275	0	0	0	0	0	0
0.027138	0	0	0	0	0	0
0.023922	0	0	0	0	0	0
0.016371	0	0	0	0	0	0
0.003896	0	0	0	0	0	0
0.07422	0	0	0	0	0	0
0.021918	0	0	0	0	0	0
0.029986	0	0	0	0	0	0
0.008013	0	0	0	0	0	0
0.12383	0	0	0	0	0	0
0.007083	0	6	0	0	0	6
0.232281	0	0	4	0	0	4
0.043353	0	0	0	0	0	0
0.166743	0	0	0	0	0	0
0.018733	0	0	0	0	0	0
0.044534	0	0	0	0	7	7
0.132608	0.02	7	0	0	0	7
0.010527	0	0	0	0	0	0
0.036698	0	0	0	0	0	0
0.010251	0	0	0	0	0	0
0.015416	0	0	0	0	0	0
0.016473	0	0	0	0	0	0
0.01153	0	0	0	0	0	0
0.009778	0	0	0	0	0	0



0.013137	0	0	0	0	6	6
0.070468	0	0	0	0	0	0
0.060524	0	0	0	0	0	0
0.089456	0	0	0	0	0	0
0.053099	0	0	0	0	0	0
0.050694	0	0	0	0	0	0
0.057396	0	0	0	0	0	0
0.063971	0	0	0	0	0	0
0.056577	0	0	0	0	0	0
0.040166	0	0	0	0	0	0
0.078737	0	0	0	0	0	0
0.176792	0	0	0	0	0	0
0.106839	0	0	0	0	0	0
0.030526	0	0	0	0	0	0
0.037092	0	0	0	0	0	0
0.06108	0	0	0	0	0	0
0.045542	0	0	0	0	0	0
0.051272	0	0	0	0	0	0
0.035902	0	0	0	0	0	0
0.003463	0	0	0	0	0	0
0.015179	0	0	0	0	0	0
0.031484	0	0	4	0	0	4
0.010383	0	0	0	0	0	0
0.00866	0	0	0	0	0	0
0.009092	0	0	0	0	0	0
0.003387	0	0	5	0	0	5
0.277868	0	0	0	0	0	0
0.026815	0	0	0	0	0	0
0.002039	0	0	0	0	0	0
0.002583	0	0	0	0	0	0
0.001917	0	0	0	0	0	0
0.000775	0	0	0	0	0	0
0.004456	0	0	0	0	0	0
0.001409	0	0	0	0	0	0
0.000426	0	0	0	0	0	0
0.001076	0	0	0	0	0	0
0.006102	0	0	0	0	0	0
0.001804	0	0	0	0	0	0
0.017128	0	7	0	0	0	7
0.003227	0	0	0	0	0	0
0.408824	0	0	0	0	0	0
0.105068	0	0	0	0	0	0
0.014439	0	0	0	0	0	0
0.119812	0.01	0	0	0	0	0
0.012184	0	0	0	0	0	0
0.122301	0	0	0	0	0	0
0.063977	0	0	0	0	0	0
0.059448	0	0	0	0	0	0
0.04267	0	0	0	0	0	0
0.032278	0	0	0	0	0	0

0.067171	0	0	0	0	0	0
0.062053	0	0	0	0	0	0
0.045375	0	0	0	0	0	0
0.008816	0	0	0	0	0	0
0.008969	0	0	0	0	0	0
0.011181	0	0	0	0	0	0
0.017975	0	0	0	0	0	0
0.016793	0	0	0	0	0	0
0.012212	0	0	0	0	0	0
0.043268	0	0	0	0	0	0
0.07244	0	0	0	0	0	0
0.064847	0	0	0	0	4	4
0.020674	0	4	0	0	0	4
0.010877	0	0	0	0	0	0
0.047149	0	0	0	0	0	0
0.008542	0	0	0	0	0	0
0.004433	0	0	0	0	0	0
0.00595	0	0	0	0	0	0
0.006215	0	0	0	0	0	0
0.014953	0	0	0	0	0	0
0.047453	0	0	0	0	0	0
0.033036	0	0	0	0	0	0
0.014988	0	0	0	0	0	0
0.011821	0	0	0	0	0	0
0.01497	0	0	0	0	0	0
0.00651	0	0	0	0	0	0
0.027516	0	0	0	0	0	0
0.728204	0.09	0	0	0	0	0
0.191729	0	0	0	0	0	0
0.051268	0	0	0	0	0	0
0.187272	0	0	0	0	0	0
0.048132	0	0	0	0	0	0
0.09282	0	0	0	0	0	0
0.965779	0	0	0	0	0	0
0.054615	0	0	0	0	0	0
0.394776	0.02	0	0	0	0	0
0.027417	0	0	0	0	0	0
0.483513	0	0	0	0	0	0
0.055031	0	0	0	0	0	0
0.046671	0	0	0	0	0	0
0.196646	0	0	0	0	0	0
0.160456	0	0	0	0	0	0
0.2479	0	0	0	0	0	0
0.028954	0	0	0	0	0	0
0.030979	0	0	0	0	0	0
0.027289	0	0	0	0	0	0
0.02862	0	0	0	0	0	0
0.272374	0	0	0	0	0	0
0.046331	0	0	0	0	0	0
0.041856	0	0	0	0	0	0

0.037924	0	0	0	0	0	0
0.053567	0	0	0	0	0	0
0.057166	0	0	0	0	0	0
0.04316	0	0	0	0	0	0
0.027334	0	0	0	0	0	0
0.038217	0	0	0	0	0	0
0.034685	0	0	0	0	0	0
0.084952	0	0	0	0	0	0
0.044959	0	0	0	0	0	0
0.030718	0	0	0	0	0	0
0.038166	0	0	0	0	0	0
0.035017	0	0	0	0	0	0
0.044586	0	0	0	0	0	0
0.180436	0	0	0	0	0	0
0.02108	0	0	0	0	0	0
0.003613	0	0	0	0	0	0
0.001572	0	0	0	0	0	0
0.040902	0	0	0	0	0	0
0.860698	0	0	0	0	0	0
0.043561	0	0	0	0	0	0
0.117489	0	0	0	0	0	0
0.162532	0	0	0	0	0	0
0.155906	0	0	0	0	0	0
0.206695	0	0	0	0	0	0
0.064412	0	0	0	0	0	0
0.237166	0	0	0	0	0	0
0.066709	0	0	0	0	0	0
0.07147	0	0	0	0	0	0
0.078864	0	0	0	0	0	0
0.175919	0	0	0	0	0	0
0.036083	0	0	0	0	0	0
0.269659	0	0	0	0	0	0
0.023259	0	0	0	0	0	0
0.025573	0	0	0	0	0	0
0.005415	0	0	0	0	0	0
0.322122	0	0	0	0	0	0
0.122532	0	0	0	0	0	0
0.110929	0	0	0	0	0	0
0.034716	0	0	0	0	0	0
0.880971	0	0	8	12	0	20
0.002518	0	0	0	0	0	0
0.003492	0	0	0	0	0	0
0.000543	0	0	0	0	0	0
0.004514	0	0	0	0	0	0
0.002241	0	0	0	0	0	0
0.015877	0	0	0	0	0	0
0.017911	0.01	0	0	0	0	0
0.001298	0	0	0	0	0	0
0.006502	0	0	0	0	0	0
0.005767	0	0	0	0	0	0

0.003183	0	0	0	0	0	0
0.112493	0	0	0	0	0	0
0.185374	0	0	0	0	0	0
0.048972	0	0	0	0	0	0
0.031353	0	0	0	0	0	0
0.067826	0	0	0	0	0	0
0.024478	0	0	0	0	0	0
0.041143	0	0	0	0	0	0
0.031353	0	0	0	0	0	0
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0.054909	0	0	0	0	0	0
0.111289	0	0	0	0	0	0
0.032424	0	0	0	0	0	0
0.010912	0	0	0	0	0	0
0.090803	0	0	0	0	0	0
0.011918	0	0	0	0	0	0
0.028325	0	0	0	0	0	0
0.049616	0	0	0	0	0	0
0.060241	0	0	0	0	3	3
0.055667	0	3	0	0	0	3
0.045858	0	0	0	0	0	0
0.058871	0	0	0	0	0	0
0.046243	0	0	0	0	0	0
0.064886	0	0	0	0	0	0
0.051248	0	0	0	0	0	0
0.033161	0	0	0	0	0	0
0.028948	0	0	0	0	0	0
0.001511	0	0	0	0	0	0
0.010073	0	0	0	0	0	0
0.003516	0	0	0	0	0	0
0.004318	0	0	0	0	0	0
0.001954	0	0	0	0	0	0
0.001995	0	0	0	0	0	0
0.066925	0	0	0	0	0	0
0.001802	0	0	0	0	5	5
0.001552	0	0	0	0	0	0
0.000725	0	0	0	0	0	0
0.000388	0	0	0	0	0	0
0.002185	0	0	0	0	0	0
0.010618	0	0	0	0	0	0
0.009286	0	0	0	0	0	0
0.051504	0	0	0	0	0	0
0.053918	0	0	0	0	0	0
0.014659	0	0	0	0	0	0
0.077555	0	0	0	0	0	0
0.003253	0	0	0	0	0	0
0.001222	0	0	0	0	0	0
0.011885	0	0	0	0	0	0
0.011313	0	0	0	0	0	0
0.031582	0	0	0	0	0	0

0.031297	0	0	0	0	0	0
0.051275	0	0	0	0	0	0
0.050702	0	0	0	0	0	0
0.051865	0	0	0	0	0	0
0.044716	0	0	0	0	0	0
0.053932	0	0	0	0	0	0
0.051532	0	0	0	0	0	0
0.040182	0	0	0	0	0	0
0.072487	0	0	0	0	0	0
0.051137	0	0	0	0	0	0
0.032283	0	0	0	0	0	0
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0.045487	0	0	0	0	0	0
0.089064	0	0	0	0	0	0
0.034681	0	0	0	0	0	0
0.030858	0	0	0	0	0	0
0.032624	0	0	0	0	0	0
0.050172	0	0	0	0	0	0
0.517088	0.13	0	0	0	0	0
0.028859	0	0	0	0	0	0
0.565285	0	0	0	0	0	0
0.733208	0	0	0	0	1	1
0.036089	0	1	0	0	0	1
0.012742	0	0	0	0	0	0
0.014555	0	0	0	0	0	0
0.0255	0	0	0	0	0	0
0.01703	0	0	0	0	0	0
0.049407	0	0	0	0	0	0
0.036396	0	0	0	0	0	0
0.059269	0	0	0	0	0	0
0.009977	0	0	0	0	0	0
0.016914	0	0	0	0	0	0
0.026071	0	0	0	0	0	0
0.024817	0	0	0	0	0	0
0.033318	0	0	0	0	0	0
0.069011	0	0	0	0	0	0
0.022747	0	0	0	0	0	0
0.211209	0	0	0	0	0	0
0.032056	0	0	0	0	0	0
0.018525	0	0	0	0	0	0
0.027201	0	0	0	0	0	0
0.017152	0	0	0	0	0	0
0.016996	0	0	0	0	0	0
0.043765	0	0	0	0	0	0
0.013359	0	0	0	0	0	0
0.042596	0	0	0	0	0	0
0.014218	0	0	0	0	0	0
0.015146	0	0	0	0	0	0
0.012992	0	0	0	0	0	0

0.024328	0	0	0	0	0	0
0.01196	0	0	0	0	0	0
0.01486	0	0	0	0	0	0
0.020807	0	0	0	0	0	0
0.02698	0	0	0	0	0	0
0.048689	0	0	0	0	0	0
0.027733	0	0	0	0	0	0
0.029276	0	0	0	0	0	0
0.035438	0	0	0	0	0	0
0.021106	0	0	0	0	0	0
0.032556	0	0	0	0	0	0
0.069109	0	0	0	0	0	0
0.022362	0	0	0	0	0	0
0.04283	0	0	0	0	0	0
0.020285	0	0	0	0	0	0
0.020281	0	0	0	0	0	0
0.104441	0	0	0	0	0	0
0.048824	0	0	0	0	0	0
0.125122	0	0	0	0	0	0
0.064963	0	0	0	0	0	0
0.038628	0	0	0	0	0	0
0.055495	0	0	0	0	0	0
0.035719	0	0	0	0	0	0
0.032992	0	0	0	0	0	0
0.038326	0	0	0	0	0	0
0.043183	0	0	0	0	0	0
0.026001	0	0	0	0	0	0
0.030335	0	0	0	0	0	0
0.011293	0	0	0	0	0	0
0.007052	0	0	0	0	0	0
0.011135	0	0	0	0	0	0
0.009425	0	0	0	0	0	0
0.007202	0	0	0	0	0	0
0.011517	0	0	0	0	0	0
0.00499	0	0	0	0	0	0
0.006732	0	0	0	0	0	0
0.022785	0	0	0	0	0	0
0.023523	0	0	0	0	0	0
0.070977	0	0	0	0	0	0
0.02624	0	0	0	0	0	0
0.017967	0	0	0	0	0	0
0.01775	0	0	0	0	0	0
0.012822	0	0	0	0	0	0
0.022801	0	0	0	0	0	0
0.016689	0	0	0	0	0	0
0.016119	0	0	0	0	0	0
0.026954	0	0	0	0	0	0
0.017726	0	0	0	0	0	0
0.017957	0	0	0	0	0	0
0.048427	0	0	0	0	1	1

0.012369	0	0	0	0	4	4
0.012357	0	4	0	0	0	4
0.009713	0	0	0	0	0	0
0.010131	0	0	0	0	0	0
0.015195	0	0	0	0	0	0
0.023598	0	0	0	0	0	0
0.153209	0	0	0	0	0	0
0.007076	0	0	0	0	0	0
0.043805	0	0	0	0	0	0
0.03517	0	0	0	0	0	0
0.026635	0	1	1	0	0	2
0.069549	0	0	0	0	0	0
0.025565	0	0	0	0	0	0
0.021261	0	0	0	0	0	0
0.026222	0	0	0	0	0	0
0.033862	0	0	0	0	0	0
0.078189	0	0	0	0	0	0
0.030863	0	0	0	0	0	0
0.100098	0	0	0	0	0	0
0.239389	0	0	0	0	0	0
0.070937	0	0	0	0	0	0
0.051843	0	0	0	0	0	0
0.043686	0	0	0	0	0	0
0.084727	0	0	0	0	0	0
0.052345	0	0	0	0	0	0
0.117172	0	0	0	0	0	0
0.034965	0	0	0	0	0	0
0.005024	0	0	0	0	0	0
0.002529	0	0	0	0	0	0
0.002972	0	0	0	0	0	0
0.004318	0	0	0	0	0	0
0.001081	0	0	0	0	0	0
0.061289	0	0	0	0	0	0
0.024717	0	0	0	0	0	0
0.216027	0	0	0	0	0	0
0.0526	0	0	0	0	0	0
0.080194	0.19	0	0	0	0	0
0.029512	0	0	0	0	0	0
0.053857	0	0	0	0	0	0
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0.021811	0	0	0	0	0	0
0.015387	0	0	0	0	0	0
0.035094	0	0	0	0	0	0
0.029739	0	0	0	0	0	0
0.019847	0	0	0	0	0	0
0.103517	0	0	0	0	0	0
0.119083	0	0	0	0	0	0
0.044587	0	0	0	0	0	0
0.048311	0	0	0	0	0	0
0.029662	0	0	0	0	0	0

0.034942	0	0	0	0	0	0
0.119922	0	0	0	0	0	0
0.070979	0	0	0	0	0	0
0.032766	0	0	0	0	0	0
0.033907	0	0	0	0	0	0
0.025593	0	0	0	0	0	0
0.490115	0	0	0	0	0	0
0.017649	0	0	0	0	0	0
0.025967	0	0	0	0	0	0
0.020709	0	0	0	0	0	0
0.009407	0	0	0	0	0	0
0.010874	0	0	0	0	0	0
0.012828	0	0	0	0	0	0
0.016374	0	0	0	0	0	0
0.014755	0	0	0	0	0	0
0.006088	0	0	0	0	0	0
0.164832	0	0	0	0	0	0
0.005728	0	0	0	0	0	0
0.004332	0	0	0	0	0	0
0.013128	0	0	0	0	0	0
0.03938	0	0	0	0	0	0
0.039734	0	0	0	0	0	0
0.057423	0	0	0	0	0	0
0.217404	0	0	0	0	0	0
0.014861	0	0	0	0	0	0
0.017382	0	0	0	0	0	0
0.022029	0	0	0	0	0	0
0.030255	0	0	0	0	0	0
0.021885	0	0	0	0	0	0
0.026567	0	0	0	0	0	0
0.021638	0	0	0	0	0	0
0.013084	0	0	0	0	0	0
0.064341	0	0	0	0	0	0
0.052067	0	0	0	0	0	0
0.055847	0	0	0	0	0	0
0.026838	0	0	0	0	0	0
0.085226	0	2	0	0	0	2
0.02593	0	0	0	0	0	0
0.38149	0	0	0	0	0	0
0.015802	0	0	0	0	0	0
0.047177	0	0	0	0	0	0
0.081629	0	0	0	0	0	0
0.036989	0	0	0	0	0	0
0.036763	0	0	0	0	0	0
0.111679	0	0	0	0	0	0
0.137743	0	0	3	3	0	6
0.077111	0	0	0	0	0	0
0.081252	0	0	0	0	0	0
0.013846	0	0	0	0	0	0
0.016176	0	0	0	0	0	0



0.032195	0	0	0	0	0	0
0.044161	0	0	0	0	0	0
0.031793	0	0	0	0	0	0
0.001133	0	0	0	0	0	0
0.004468	0	5	0	0	0	5
0.004545	0	0	0	0	0	0
0.044007	0	0	0	0	0	0
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0.178951	0	0	0	0	0	0
0.097956	0	0	0	0	0	0
0.18364	0	0	0	0	0	0
0.384451	0	0	0	0	0	0
0.054454	0	0	0	0	0	0
0.210653	0	0	0	0	0	0
0.142378	0	0	0	0	0	0
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0.123912	0	0	0	0	0	0
0.125331	0	0	0	0	0	0
0.464352	0.01	0	0	0	0	0
0.075177	0	0	0	0	0	0
0.073183	0	0	0	0	0	0
0.035618	0	0	0	0	0	0
0.015611	0	0	0	0	0	0
0.022106	0	0	0	0	0	0
0.039202	0	0	0	0	0	0
0.078669	0	0	0	0	0	0
0.035282	0	0	0	0	0	0
0.032335	0	0	0	0	0	0
0.05329	0	0	0	0	0	0
0.035472	0	0	0	0	0	0
0.05109	0	0	0	0	0	0
0.072362	0	0	0	0	0	0
0.018124	0	0	0	0	0	0
0.019323	0	0	0	0	0	0
0.04709	0	0	0	0	0	0
0.06242	0	0	0	0	0	0
0.05005	0	0	0	0	0	0
0.025327	0	0	0	0	0	0
0.04332	0	0	0	0	0	0
0.064119	0	0	0	0	0	0
0.061206	0	0	0	0	0	0
0.049007	0	0	0	0	0	0
0.09279	0	0	0	0	0	0
0.069628	0	0	0	0	0	0
0.15525	0	0	0	0	0	0
0.044728	0	0	0	0	0	0
0.025301	0	0	0	0	0	0
0.04915	0	0	0	0	0	0
0.039297	0	0	0	0	0	0
0.151975	0	0	0	0	0	0

0.114089	0	0	0	0	0	0
0.30571	0	0	0	0	0	0
0.043337	0	0	0	0	0	0
0.052334	0	0	0	0	0	0
0.129848	0	0	0	0	0	0
0.022484	0	0	0	0	0	0
0.02945	0	0	0	0	0	0
0.038688	0	0	0	0	0	0
0.035686	0	0	0	0	0	0
0.074537	0	0	0	0	0	0
0.028417	0	0	0	0	0	0
0.020293	0	0	0	0	0	0
0.024862	0	0	0	0	0	0
0.017594	0	0	0	0	0	0
0.011306	0	0	0	0	0	0
0.018592	0	0	0	0	0	0
0.013245	0	0	0	0	0	0
0.052462	0	0	0	0	0	0
0.017391	0	0	0	0	0	0
0.014036	0	0	0	0	0	0
0.062266	0	0	0	0	0	0
0.049351	0	0	0	0	0	0
0.041842	0	0	0	0	0	0
0.052604	0	0	0	0	0	0
0.015755	0	0	0	0	0	0
0.100356	0.12	0	0	0	0	0
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0.026045	0	0	0	0	0	0
0.027589	0	0	0	0	0	0
0.027823	0	0	0	0	0	0
0.040918	0	0	0	0	0	0
0.028493	0	0	0	0	0	0
0.037324	0	0	0	0	0	0
0.010284	0	0	0	0	0	0
0.016973	0	0	0	0	0	0
0.049014	0	0	0	0	0	0
0.043057	0	0	0	0	0	0
0.021394	0	0	0	0	0	0
0.018127	0	0	0	0	0	0
0.021818	0	0	0	0	0	0
0.075533	0	0	0	0	0	0
0.035351	0	0	0	0	0	0
0.159368	0	0	0	0	0	0
0.009853	0	0	0	0	0	0
0.006888	0	0	0	0	0	0
0.006291	0	0	0	0	0	0
0.008292	0	0	0	0	0	0
0.00863	0	0	0	0	0	0
0.006041	0	0	0	0	0	0
0.069939	0	0	0	0	0	0

0.015198	0	0	0	0	0	0
0.039025	0.04	0	0	0	0	0
0.154024	0	0	0	0	0	0
0.015659	0	0	0	0	0	0
0.024111	0	0	0	0	0	0
0.003751	0	0	0	0	0	0
0.042356	0	0	0	0	0	0
0.014979	0	0	0	0	0	0
0.02014	0	0	0	0	0	0
0.060838	0	0	0	0	0	0
0.007085	0	0	0	0	0	0
0.005499	0	0	0	0	0	0
0.010801	0	0	0	0	0	0
0.004063	0	0	0	0	0	0
0.003226	0	0	0	0	0	0
0.007604	0	0	0	0	0	0
0.021596	0	0	0	0	0	0
0.00542	0	0	0	0	0	0
0.004976	0	0	0	0	0	0
0.048319	0	0	0	0	0	0
0.01211	0	0	0	0	0	0
0.06374	0	0	0	0	0	0
0.009357	0	0	0	0	0	0
0.018167	0	0	0	0	0	0
0.019558	0	0	0	0	0	0
0.007793	0	0	0	0	0	0
0.045013	0	0	0	0	0	0
0.35029	0	0	0	0	0	0
0.133746	0	0	6	6	0	12
0.117931	0	0	0	0	0	0
0.082352	0	0	0	0	0	0
0.074322	0	0	0	0	0	0
0.040333	0	0	0	0	0	0
0.028993	0	0	0	0	0	0
0.065882	0	0	0	0	0	0
0.050701	0	0	0	0	0	0
0.008267	0	0	0	0	0	0
0.006189	0	0	0	0	0	0
0.006846	0	0	0	0	0	0
0.012153	0	0	0	0	0	0
0.005159	0	0	0	0	0	0
0.031056	0	0	0	0	0	0
0.018754	0	0	0	0	0	0
0.005212	0	0	0	0	0	0
0.003605	0	0	0	0	0	0
0.038258	0	0	0	0	0	0
0.040594	0	0	0	0	0	0
0.06962	0	0	0	0	0	0
0.033368	0	0	0	0	0	0
0.03784	0	0	0	0	0	0

0.017562	0	0	0	0	0	0
0.009243	0	0	0	0	0	0
0.646946	0.02	0	0	0	0	0
0.030996	0	0	0	0	0	0
0.019753	0	0	0	0	0	0
0.033666	0	0	0	0	2	2
0.020099	0	2	0	0	0	2
0.014357	0	0	0	0	0	0
0.019941	0	0	0	0	0	0
0.011304	0	0	0	0	0	0
0.020616	0	0	0	0	0	0
0.058875	0	0	0	0	0	0
0.039318	0	0	0	0	0	0
0.014459	0	0	0	0	0	0
0.018699	0	0	0	0	0	0
0.146373	0	0	0	0	0	0
0.012995	0	0	0	0	0	0
0.057617	0	0	0	0	0	0
0.055152	0	0	0	0	0	0
0.061151	0	0	0	0	0	0
0.016501	0	0	0	0	0	0
0.018104	0	0	0	0	0	0
0.024463	0	0	0	0	0	0
0.061012	0	0	0	0	0	0
0.077485	0	0	0	0	0	0
0.017862	0	0	0	0	0	0
0.068452	0	0	0	0	0	0
0.026066	0	0	0	0	0	0
0.031898	0	0	0	0	0	0
0.02982	0	0	0	0	0	0
0.011913	0	0	0	0	0	0
0.007245	0	0	0	0	0	0
0.016911	0	0	0	0	0	0
0.03408	0	0	0	0	0	0
0.049196	0	0	0	0	0	0
0.026189	0	0	0	0	0	0
0.005413	0	0	0	0	0	0
0.002692	0	0	0	0	0	0
0.002451	0	0	0	0	0	0
0.021012	0	0	0	0	0	0
0.001838	0	0	0	0	0	0
0.041417	0	0	0	0	0	0
0.098034	0.05	0	0	0	0	0
0.008961	0	0	0	0	0	0
0.00471	0	0	0	0	0	0
0.005264	0	0	0	0	0	0
0.003307	0	0	0	0	0	0
0.037735	0	0	0	0	0	0
0.003361	0	0	0	0	0	0
0.057684	0	0	0	0	0	0

0.126276	0	0	0	3	0	3
0.025337	0	0	0	0	0	0
0.02561	0	0	0	0	0	0
0.022373	0	0	0	0	0	0
0.016497	0	0	0	0	0	0
0.020834	0	0	6	0	0	6
0.017824	0	0	0	0	0	0
0.036115	0	0	0	0	0	0
0.01737	0	0	0	0	0	0
0.01674	0	0	0	0	0	0
0.013363	0	0	0	0	0	0
0.034469	0	0	0	0	0	0
0.015214	0	0	0	0	0	0
0.015894	0	0	0	0	0	0
0.033224	0	0	0	0	0	0
0.012932	0	0	0	0	0	0
0.032797	0	0	0	0	0	0
0.049003	0.02	0	0	0	0	0
0.015251	0	0	0	0	0	0
0.011737	0	0	0	0	0	0
0.041519	0	0	0	0	0	0
0.025126	0	0	0	0	0	0
0.03919	0	0	0	0	0	0
0.0252	0.07	0	0	0	0	0
0.069045	0	0	0	0	0	0
0.300498	0	0	0	0	0	0
0.139792	0	0	0	0	7	7
0.206123	0	7	0	0	0	7
0.025856	0	0	0	0	0	0
0.08127	0	0	0	0	0	0
0.066109	0	0	0	0	0	0
0.039062	0	0	0	0	0	0
0.029957	0	0	0	0	1	1
0.06206	0	1	0	0	0	1
0.106686	0	0	0	0	0	0
0.039509	0	0	0	0	0	0
0.035818	0	0	0	0	0	0
0.051699	0	0	0	0	0	0
0.03474	0	0	0	0	0	0
0.031826	0	0	0	0	0	0
0.032872	0	0	0	0	0	0
0.038086	0	0	0	1	0	1
0.024821	0	0	0	0	0	0
0.035301	0	0	0	0	0	0
0.051454	0	0	0	0	0	0
0.116847	0	0	0	0	0	0
0.179009	0	0	0	0	0	0
0.297047	0	0	0	0	0	0
0.009123	0	0	0	0	0	0
0.028378	0	0	0	0	0	0

0.032519	0	0	0	0	0	0
0.074407	0	0	0	0	0	0
0.026627	0	0	0	0	0	0
0.087906	0	0	0	0	0	0
0.051195	0	0	0	0	0	0
0.047315	0	0	0	0	0	0
0.038663	0	0	0	0	0	0
0.051071	0	0	0	0	0	0
0.049697	0	0	0	0	0	0
0.544566	0.13	0	0	0	0	0
0.032134	0	0	0	0	0	0
0.592178	0	0	0	0	0	0
0.053995	0	0	0	0	0	0
0.004646	0	0	0	0	0	0
0.00108	0	0	0	0	0	0
0.001154	0	0	0	0	0	0
0.001188	0	0	0	0	0	0
0.000768	0	0	0	0	0	0
0.000671	0	0	0	0	0	0
0.001435	0	0	0	0	0	0
0.003263	0	0	0	0	0	0
0.003544	0	0	0	0	0	0
0.001863	0	0	0	0	0	0
0.004397	0	0	0	0	0	0
0.001911	0	0	0	0	0	0
0.003788	0	0	0	0	0	0
0.21341	0	0	0	0	0	0
0.001379	0	0	0	0	0	0
0.001123	0	0	0	0	0	0
0.001962	0	0	0	0	0	0
0.003523	0	0	0	0	0	0
0.849355	0.43	0	0	0	0	0
0.097399	0	0	0	0	0	0
0.017566	0	0	0	0	0	0
0.033924	0	0	0	0	0	0
0.052931	0	0	0	0	0	0
0.025266	0	0	0	0	0	0
0.024864	0	0	0	0	0	0
0.100419	0	0	0	0	0	0
0.010622	0	0	0	0	0	0
0.049304	0	0	0	0	0	0
0.061456	0	0	0	0	0	0
0.052309	0	0	0	0	0	0
0.027812	0	0	0	0	0	0
0.038241	0	0	0	0	0	0
0.05122	0	0	0	0	0	0
0.048411	0	0	0	0	0	0
0.014234	0	0	0	0	0	0
0.052869	0	0	0	0	0	0
0.010928	0	0	0	0	0	0

0.009426	0	0	0	0	0	0
0.05648	0	0	0	0	0	0
0.054416	0	0	0	0	0	0
0.157085	0	0	0	0	0	0
0.153642	0	0	0	0	0	0
0.037859	0	0	0	0	0	0
0.047706	0	0	0	0	0	0
0.045338	0	0	0	0	0	0
0.236108	0.04	0	0	0	0	0
0.038261	0	0	0	0	0	0
0.031724	0	0	0	0	0	0
0.030286	0	0	0	0	0	0
0.018844	0	0	0	0	0	0
0.025696	0	0	0	0	0	0
0.025456	0	0	0	0	0	0
0.026535	0	0	0	0	0	0
0.08985	0	0	0	0	0	0
0.034451	0	0	0	0	0	0
0.041333	0	0	0	0	0	0
0.037888	0	0	0	0	0	0
0.016815	0	0	0	0	0	0
0.634073	0	0	0	0	0	0
0.078528	0	0	0	0	0	0
0.047353	0	0	0	0	0	0
0.045462	0	0	0	0	0	0
0.039226	0	0	0	0	0	0
0.061395	0	0	0	0	0	0
0.105035	0	0	0	0	0	0
0.826322	0	0	0	0	0	0
0.046182	0	0	0	0	0	0
0.146275	0	0	0	0	0	0
0.011627	0	0	0	0	0	0
0.156908	0	0	0	0	0	0
0.110129	0	0	0	0	0	0
0.146497	0	0	0	0	0	0
0.103512	0	0	0	0	0	0
0.025102	0	0	0	0	0	0
0.084304	0	0	0	0	0	0
0.116865	0	0	0	0	0	0
0.015985	0	0	0	0	0	0
0.009447	0	9	0	0	6	15
0.022297	0	0	0	0	0	0
0.005501	0	0	0	0	12	12
0.007188	0	12	0	0	0	12
0.015691	0	0	0	0	0	0
0.01414	0	0	0	0	0	0
0.099055	0	7	0	0	17	24
0.053433	0	17	0	7	9	33
0.035669	0	0	0	0	0	0
0.038865	0	0	0	0	0	0

0.018002	0	0	0	0	0	0
0.790767	0.43	0	0	0	0	0
0.05827	0	0	0	0	0	0
0.061019	0	0	0	0	0	0
0.045644	0	0	0	0	0	0
0.034122	0	0	0	0	0	0
0.095188	0	0	0	0	0	0
0.04772	0	0	0	0	0	0
0.093252	0	0	0	0	0	0
0.045785	0	0	0	0	0	0
0.75212	0	0	0	9	7	16
0.100338	0	7	0	0	0	7
0.038778	0	0	0	0	0	0
0.04696	0	0	0	0	0	0
0.775989	0.02	0	0	0	0	0
0.063179	0	0	0	0	0	0
0.086075	0	0	0	0	0	0
0.048934	0	0	0	0	0	0
0.063431	0	0	0	0	0	0
0.03543	0	0	0	0	0	0
0.075253	0	0	0	0	0	0
0.048969	0	0	0	0	0	0
0.052044	0	0	0	0	0	0
0.058844	0	0	0	0	0	0
0.043047	0	0	0	0	0	0
0.050378	0	0	0	0	0	0
0.041059	0	0	0	0	0	0
0.025424	0	0	0	0	0	0
0.02617	0	0	0	0	0	0
0.040521	0	0	0	0	3	3
0.295445	0	0	0	0	0	0
0.083463	0	0	0	0	0	0
0.056187	0	0	0	0	0	0
0.027296	0	0	0	0	0	0
0.020415	0	0	0	0	0	0
0.013389	0	0	0	0	0	0
0.010251	0	0	0	0	0	0
0.029369	0	0	0	0	0	0
0.009599	0	0	0	0	0	0
0.014584	0	0	0	0	0	0
0.030549	0	0	0	0	0	0
0.026619	0	0	0	0	0	0
0.008927	0	0	0	0	0	0
0.022263	0	0	0	0	0	0
0.063902	0	0	0	0	0	0
0.055646	0	0	0	0	0	0
0.04808	0	0	0	0	0	0
0.153252	0	0	0	0	0	0
0.165735	0	0	0	0	0	0
0.026215	0	0	0	0	0	0



0.045681	0	0	0	0	0	0
0.027655	0	0	0	4	0	4
0.017088	0	0	0	0	0	0
0.136896	0	0	0	0	0	0
0.195276	0	0	0	0	0	0
0.188709	0	0	0	0	0	0
0.599709	0	0	0	0	0	0
0.034027	0	0	0	0	0	0
0.081132	0	0	0	0	0	0
0.123084	0	0	0	0	0	0
0.233073	0	0	0	0	0	0
0.083924	0	0	0	0	0	0
0.055237	0	0	0	0	0	0
0.040607	0	0	0	0	0	0
0.108411	0	0	0	0	0	0
0.031034	0	0	0	0	0	0
0.352521	0	0	0	0	0	0
0.04244	0	0	0	0	0	0
0.132954	0	0	0	0	0	0
0.01167	0	0	0	0	0	0
0.004689	0	0	0	0	0	0
0.007989	0	0	0	0	0	0
0.012448	0	0	0	0	0	0
0.010847	0	0	0	0	0	0
0.006147	0	0	0	0	0	0
0.006956	0	0	0	0	0	0
0.016024	0	0	0	0	0	0
0.003912	0	0	0	0	0	0
0.18084	0	0	0	0	0	0
0.052246	0	0	0	0	0	0
0.070715	0	0	0	0	0	0
0.252721	0	0	0	0	0	0
0.24103	0	0	0	0	0	0
0.041016	0	0	0	0	0	0
0.054733	0	0	0	0	0	0
0.061033	0	0	0	0	0	0
0.066364	0	0	0	0	0	0
0.045753	0	0	0	0	0	0
0.084319	0	0	0	0	0	0
0.036051	0	0	0	0	0	0
0.068542	0	0	0	0	0	0
0.053722	0	0	0	0	0	0
0.053667	0	0	0	0	0	0
0.06011	0	0	0	0	0	0
0.112033	0	0	0	0	0	0
0.081782	0	0	0	0	0	0
0.11486	0	0	0	0	0	0
0.058454	0	0	0	0	0	0
0.061525	0	0	0	0	0	0
0.051318	0	0	0	0	0	0

0.076604	0	0	0	0	0	0
0.051647	0	0	0	0	0	0
0.053617	0	0	0	0	0	0
0.184588	0	0	0	0	0	0
0.053579	0	0	0	0	0	0
0.037358	0	0	0	0	0	0
0.052862	0	0	0	0	0	0
0.059027	0	0	0	0	0	0
0.064669	0	0	0	0	0	0
0.047198	0	0	0	0	0	0
0.044593	0	0	0	0	0	0
0.071291	0	0	0	0	0	0
0.076295	0	0	0	0	0	0
0.262131	0	0	0	0	0	0
0.069468	0	0	0	0	0	0
0.541976	0.02	0	0	0	0	0
0.058756	0	0	0	0	0	0
0.03629	0	0	0	0	0	0
0.029152	0	0	0	0	0	0
0.051013	0	1	0	0	0	1
0.050438	0	0	0	0	0	0
0.041937	0	0	0	0	0	0
0.070305	0	0	0	0	0	0
0.040083	0	0	0	0	0	0
0.023641	0	0	0	0	0	0
0.217874	0.03	0	0	0	0	0
0.102945	0.03	0	0	0	0	0
0.053763	0	0	0	0	0	0
0.051261	0	0	0	0	0	0
0.050063	0	0	0	0	0	0
0.181375	0	0	0	0	0	0
0.065315	0	0	0	0	0	0
0.047239	0	0	0	0	0	0
0.225386	0	2	0	0	0	2
0.100473	0	0	0	0	0	0
0.023475	0	0	0	0	0	0
0.182188	0	0	0	0	0	0
0.013442	0	0	0	0	0	0
0.005616	0	0	0	0	0	0
0.007084	0	0	0	0	0	0
0.006414	0	0	0	0	0	0
0.043599	0	0	0	0	0	0
0.009693	0	0	0	0	0	0
0.02266	0	0	0	0	0	0
0.000561	0	0	0	0	0	0
0.008024	0	0	0	0	0	0
0.69588	0	0	0	0	0	0
0.060127	0	0	0	0	0	0
0.044978	0	0	0	0	0	0
0.057288	0	0	0	0	0	0

0.12268	0	0	0	0	0	0
0.048113	0	0	0	0	0	0
0.043789	0	0	0	0	0	0
0.041116	0	0	0	0	0	0
0.148913	0	0	0	0	0	0
0.121621	0	0	0	0	0	0
0.120542	0	0	0	0	0	0
0.074468	0	0	0	0	0	0
0.341735	0	0	0	0	0	0
0.383558	0	0	0	0	0	0
0.346594	0	0	0	0	0	0
0.272305	0	0	0	0	0	0
0.233091	0	0	0	0	0	0
0.293403	0.01	0	0	0	0	0
0.206584	0.05	0	0	0	0	0
0.210197	0.06	0	0	0	0	0
0.054847	0	0	0	0	0	0
0.084194	0	0	0	0	0	0
0.152168	0	0	0	0	0	0
0.095991	0	0	0	0	0	0
0.12825	0	0	0	0	0	0
0.128838	0	0	0	0	0	0
0.194832	0	0	0	0	0	0
0.071004	0	0	0	0	0	0
0.007097	0	0	0	0	0	0
0.02963	0.02	0	0	0	0	0
0.126173	0.01	0	0	0	0	0
0.018295	0	0	0	0	0	0
0.034855	0	0	0	0	0	0
0.043958	0	0	0	0	0	0
0.025954	0	0	0	0	0	0
0.025325	0	0	0	0	0	0
0.053051	0	0	0	0	0	0
0.056509	0	0	0	0	0	0
0.038466	0	0	0	0	0	0
0.059535	0	0	0	0	0	0
0.051889	0	0	0	0	0	0
0.02345	0	0	0	0	0	0
0.023288	0	0	0	0	0	0
0.033361	0	0	0	0	0	0
0.035999	0	0	0	0	0	0
0.007793	0	0	0	0	0	0
0.008483	0	0	0	0	0	0
0.007621	0	0	0	0	0	0
0.303864	0	0	0	0	0	0
0.039299	0	0	0	0	0	0
0.047876	0	0	0	0	0	0
0.065698	0	0	0	0	0	0
0.029344	0	0	0	0	0	0
0.032578	0	0	0	0	0	0

0.004967	0	0	0	0	0	0
0.096729	0	0	0	0	0	0
0.310005	0	0	0	0	0	0
0.013916	0	0	0	0	0	0
0.011432	0	0	0	0	0	0
0.174247	0	0	0	0	4	4
0.142882	0.01	4	0	0	0	4
0.025403	0.01	0	0	0	0	0
0.072437	0	0	0	0	0	0
0.056727	0	0	0	0	0	0
0.050306	0	0	0	0	0	0
0.093043	0	0	0	0	0	0
0.041497	0	0	0	0	0	0
0.059393	0	0	0	0	0	0
0.045791	0	0	0	0	0	0
0.045902	0	0	0	0	0	0
0.044339	0	0	0	0	0	0
0.033891	0	0	0	0	0	0
0.003859	0	0	0	0	0	0
0.039433	0	0	0	0	0	0
0.043858	0	0	0	0	0	0
0.049186	0	0	0	0	0	0
0.062566	0	0	0	0	0	0
0.056007	0	0	0	0	0	0
0.154694	0	0	0	0	0	0
0.043557	0	0	0	0	0	0
0.034839	0	0	0	0	0	0
0.816747	0	0	0	0	0	0
0.014097	0	0	0	0	0	0
0.023145	0	0	0	0	0	0
0.056086	0	0	0	0	0	0
0.242713	0.04	0	0	0	0	0
0.054753	0	0	0	0	0	0
0.044117	0	0	0	0	0	0
0.062208	0	0	0	0	0	0
0.085833	0	0	0	0	0	0
0.100014	0	0	0	0	0	0
0.02771	0	0	0	0	0	0
0.026206	0	0	0	0	0	0
0.020449	0	0	0	0	0	0
0.045005	0	0	0	0	0	0
0.009324	0	0	0	0	0	0
0.01573	0	0	0	0	0	0
0.035194	0	0	0	0	0	0
0.02075	0	0	0	0	0	0
0.059136	0	0	0	0	0	0
0.013697	0	0	0	0	0	0
0.032677	0	0	0	0	0	0
0.046635	0	0	0	0	0	0
0.03436	0	0	0	0	0	0

0.048307	0	0	0	0	0	0
0.019541	0	0	0	0	0	0
0.499413	0.13	0	0	0	0	0
0.262166	0	0	0	0	0	0
0.007893	0	0	0	0	0	0
0.036405	0	0	0	0	0	0
0.599924	0	0	0	0	0	0
0.031574	0	0	0	0	0	0
0.023961	0	0	0	0	0	0
0.047736	0	0	0	0	0	0
0.234555	0	0	0	0	0	0
0.20108	0	0	0	0	0	0
0.044603	0	0	0	0	0	0
0.015461	0	0	0	0	0	0
0.049208	0	0	0	0	0	0
0.214559	0	0	0	0	0	0
0.0594	0	0	0	0	0	0
0.030939	0	0	0	0	0	0
0.006178	0.01	0	0	0	0	0
0.008517	0.08	0	0	0	0	0
0.128222	0	0	0	5	0	5
0.405211	0	0	0	0	0	0
0.328743	0	0	0	0	0	0
0.074212	0	0	0	0	0	0
0.104125	0	0	0	0	0	0
0.01377	0	0	0	0	0	0
0.027627	0	0	0	0	0	0
0.015931	0	0	0	0	0	0
0.265068	0	0	0	0	0	0
0.050967	0	0	0	0	0	0
0.047301	0	0	0	0	0	0
0.052637	0	0	0	0	0	0
0.040154	0	0	0	0	0	0
0.035777	0	0	0	0	0	0
0.061158	0	0	0	0	0	0
0.041044	0	0	0	0	0	0
0.037353	0	0	0	0	0	0
0.068603	0	0	0	0	0	0
0.025094	0	0	0	0	0	0
0.033693	0	0	0	0	0	0
0.033898	0	0	0	0	0	0
0.099056	0	0	0	0	0	0
0.035243	0	0	0	0	0	0
0.748626	0	0	0	0	0	0
0.114925	0	0	0	0	0	0
0.285338	0.01	0	0	0	0	0
0.021626	0	0	0	0	0	0
0.056007	0	0	0	0	0	0
0.021126	0	0	0	0	0	0
0.029198	0	0	0	0	0	0

0.006444	0	0	0	0	0	0
0.049371	0	0	0	0	0	0
0.034107	0	0	0	0	0	0
0.047048	0	0	0	0	0	0
0.048996	0	0	0	0	0	0
0.051378	0	0	0	0	0	0
0.007613	0	0	0	0	0	0
0.011969	0	0	0	0	0	0
0.064618	0.1	0	0	0	0	0
0.482007	0	0	6	0	0	6
0.061994	0	0	0	0	0	0
0.055303	0	0	0	0	0	0
0.04797	0	0	0	0	0	0
0.011944	0	0	0	0	0	0
0.130245	0	0	0	0	0	0
0.120675	0	0	0	0	0	0
0.285544	0	0	1	1	0	2
0.032749	0	0	0	0	0	0
0.027562	0	0	0	0	0	0
0.016614	0	0	0	0	0	0
0.047848	0	0	0	0	0	0
0.012401	0	0	0	0	0	0
0.09837	0	0	0	0	0	0
0.049918	0	0	0	0	0	0
0.055206	0	0	0	0	0	0
0.087924	0	0	0	0	0	0
0.091686	0	0	0	0	0	0
0.054029	0	0	0	0	0	0
0.032466	0	0	0	0	0	0
0.054338	0	0	0	0	0	0
0.015391	0	0	0	0	0	0
0.065769	0	0	0	0	0	0
0.099413	0	0	0	0	0	0
0.02758	0.15	0	0	0	0	0
0.075813	0	0	0	0	0	0
0.049638	0	0	0	0	0	0
0.037997	0	0	0	0	0	0
0.052974	0	0	0	0	0	0
0.261862	0	0	0	0	0	0
0.080939	0	0	0	0	0	0
0.048845	0	0	0	0	0	0
0.05492	0	0	0	0	0	0
0.014867	0	0	0	0	0	0
0.031732	0	0	0	0	0	0
0.087616	0	0	0	0	0	0
0.060734	0	0	0	0	0	0
0.032778	0	0	0	0	0	0
0.048815	0	0	0	0	0	0
0.12356	0	0	0	0	0	0
0.048138	0	0	0	0	0	0

0.103361	0	0	0	0	0	0
0.087031	0	0	0	0	0	0
0.017635	0	0	0	0	0	0
0.01099	0	0	0	0	0	0
0.007571	0	0	0	0	0	0
0.813599	0	0	0	0	0	0
0.114003	0	0	0	0	0	0
0.21817	0	0	0	0	0	0
0.241851	0	0	0	0	0	0
0.00583	0	0	0	0	0	0
0.005074	0	0	0	0	0	0
0.058341	0	0	0	0	0	0
0.061292	0	0	0	0	0	0
0.015234	0	0	0	0	0	0
0.013763	0	0	0	0	0	0
0.024139	0	0	0	0	0	0
0.008032	0	0	0	0	0	0
0.016677	0	0	0	0	0	0
0.011959	0	0	0	0	0	0
0.013369	0	0	0	0	0	0
0.829185	0	0	0	0	0	0
0.062034	0	0	0	0	0	0
0.351734	0.01	0	0	0	0	0
0.217784	0	0	0	0	0	0
0.031058	0	0	0	0	0	0
0.01925	0	0	0	0	0	0
0.023006	0	0	0	0	0	0
0.062476	0	0	0	0	0	0
0.049556	0	0	0	0	0	0
0.005542	0	0	0	0	0	0
0.016195	0	0	0	0	0	0
0.00574	0	0	0	0	0	0
0.005119	0	0	0	0	0	0
0.010498	0	0	0	0	0	0
0.016719	0	0	0	0	0	0
0.219955	0.09	0	0	0	0	0
0.191496	0	0	0	0	0	0
0.023435	0	0	0	0	0	0
0.086037	0	0	0	0	0	0
0.047007	0	0	0	0	0	0
0.464699	0	0	5	4	0	9
0.337452	0	0	0	0	0	0
0.02504	0	0	0	0	0	0
0.335459	0.16	0	0	0	0	0
0.306774	0.04	0	0	0	0	0
0.024924	0	0	0	0	0	0
0.067632	0	0	0	0	0	0
0.031246	0	0	0	0	0	0
0.022878	0	0	0	0	0	0
0.051415	0	0	0	0	0	0

0.028664	0	0	0	0	0	0
0.050213	0	0	0	0	0	0
0.09553	0	0	0	0	0	0
0.063577	0	0	0	0	0	0
0.08419	0	0	0	0	0	0
0.060072	0	0	0	0	0	0
0.08523	0	0	0	0	0	0
0.049068	0	0	0	0	0	0
0.066332	0	0	0	0	0	0
0.087944	0	0	0	0	0	0
0.039814	0	0	0	0	0	0
0.033556	0	0	0	0	0	0
0.02872	0	0	0	0	0	0
0.036704	0	0	0	0	0	0
0.006881	0	0	0	4	0	4
0.010388	0	0	0	0	0	0
0.042152	0	0	0	0	0	0
0.021755	0	0	0	0	0	0
0.300345	0	0	0	0	0	0
0.003823	0	0	0	0	0	0
0.004067	0	0	0	0	0	0
0.003978	0	0	0	0	0	0
0.016152	0	0	0	0	0	0
0.014317	0	0	0	0	0	0
0.383601	0	0	0	0	0	0
0.039399	0	0	0	0	0	0
0.059951	0	0	0	0	0	0
0.025643	0	0	0	0	0	0
0.055894	0	0	0	0	0	0
0.388364	0	0	0	0	0	0
0.01397	0	0	0	0	0	0
0.046675	0	0	0	0	0	0
0.072672	0	0	0	0	0	0
0.039639	0	0	0	0	0	0
0.025767	0	0	0	0	0	0
0.025306	0	0	0	0	0	0
0.01638	0	0	0	0	0	0
0.011991	0	0	0	0	0	0
0.053784	0	0	0	0	0	0
0.019944	0	0	0	0	0	0
0.055606	0	0	0	0	0	0
0.052702	0	0	0	0	0	0
0.150933	0.11	0	2	2	0	4
0.042226	0	0	0	0	0	0
0.038167	0	0	0	0	0	0
0.137499	0.01	0	0	0	0	0
0.056808	0	0	0	0	0	0
0.047489	0	0	0	0	0	0
0.008725	0	0	0	0	0	0
0.019509	0	0	0	0	0	0



0.00587	0	0	0	0	0	0
0.006154	0	0	0	0	0	0
0.159827	0	0	0	0	0	0
0.0157	0	0	0	0	0	0
0.016439	0	0	0	0	0	0
0.016491	0	0	0	0	0	0
0.180702	0	0	0	0	0	0
0.050471	0	0	0	0	0	0
0.07274	0	0	0	0	0	0
0.503824	0	0	0	0	0	0
0.063285	0	0	0	0	0	0
0.118779	0	0	0	0	0	0
0.188015	0	0	0	0	0	0
0.076361	0	0	0	0	0	0
0.058632	0	0	0	0	0	0
0.018736	0	0	0	0	0	0
0.031208	0	0	0	0	0	0
0.06698	0	0	0	0	0	0
0.032242	0	0	0	0	0	0
0.042792	0	0	0	0	0	0
0.017589	0	0	0	0	0	0
0.020122	0	0	0	0	0	0
0.066006	0	0	0	0	0	0
0.084287	0	0	0	0	0	0
0.436442	0	0	0	0	0	0
0.081162	0	0	0	0	0	0
0.007916	0.01	0	0	0	0	0
0.167094	0	0	0	0	0	0
0.023251	0	0	0	0	0	0
0.028423	0	0	0	0	0	0
0.064552	0	0	0	0	0	0
0.00886	0	0	0	0	0	0
0.030838	0	0	0	0	0	0
0.139164	0	0	0	0	0	0
0.080485	0	0	0	0	0	0
0.064407	0	0	0	0	0	0
0.026617	0	0	0	0	0	0
0.065125	0	0	0	0	0	0
0.024457	0	0	0	0	0	0
0.419165	0	0	0	0	0	0
0.163216	0	0	0	0	0	0
0.445906	0	0	0	0	0	0
0.010303	0	0	0	0	0	0
0.021793	0	0	0	0	0	0
0.033437	0	0	0	0	0	0
0.063327	0	0	0	0	0	0
0.046052	0	0	0	0	0	0
0.046425	0	0	0	0	0	0
0.020342	0	0	0	0	0	0
0.033185	0	0	0	0	0	0

0.020808	0	0	0	0	0	0
0.870785	0	0	0	0	0	0
0.064259	0	0	0	0	0	0
0.133296	0	0	0	0	0	0
0.036486	0	0	0	0	0	0
0.029422	0	0	0	0	0	0
0.044599	0	0	0	0	0	0
0.153767	0	0	0	0	0	0
0.289261	0.3	0	0	0	0	0
0.067088	0	0	0	0	0	0
0.055783	0	0	0	0	0	0
0.019894	0	0	0	0	0	0
0.029872	0	0	0	0	0	0
0.799495	0	0	0	0	0	0
0.088574	0	0	0	0	0	0
0.191805	0	0	0	0	0	0
0.02841	0	0	0	0	0	0
0.133468	0	0	0	0	0	0
0.036369	0	0	0	0	0	0
0.075723	0	0	0	0	0	0
0.09524	0	0	0	0	0	0
0.56484	0.05	0	0	0	0	0
0.085083	0	0	0	0	0	0
0.010051	0	0	0	0	0	0
0.174611	0	0	0	0	0	0
0.220689	0	0	0	0	0	0
0.056561	0	0	0	0	0	0
0.661439	0	0	0	0	0	0
0.020468	0	0	0	0	0	0
0.023605	0	0	0	0	0	0
0.071539	0	0	0	0	0	0
0.031319	0	0	0	0	0	0
0.036146	0	0	0	0	0	0
0.012865	0	0	0	0	0	0
0.017149	0	0	0	0	0	0
0.025996	0	0	0	0	0	0
0.022996	0	0	0	0	0	0
0.105449	0	0	0	0	0	0
0.53786	0.21	0	0	0	0	0
0.117933	0	0	0	0	0	0
0.015511	0	0	0	0	0	0
0.01631	0	0	0	0	0	0
0.055308	0	0	0	0	0	0
0.10466	0	0	0	0	0	0
0.038897	0	0	0	0	0	0
0.183342	0	0	0	0	0	0
0.073899	0	0	0	0	0	0
0.081106	0	0	0	0	0	0
0.26413	0	0	0	0	0	0
0.158006	0	0	0	0	0	0

0.116545	0	0	0	0	0	0
0.175465	0	0	0	0	0	0
0.08125	0	0	0	0	0	0
0.901413	0	0	0	0	0	0
0.960285	0	0	0	0	0	0
0.073215	0	0	0	0	0	0
0.057628	0	0	0	0	0	0
0.089139	0	0	0	0	0	0
0.151729	0	0	0	0	0	0
0.025738	0	0	0	0	0	0
0.073387	0	0	0	0	0	0
0.716343	0.17	0	0	0	0	0
0.062299	0	0	0	0	0	0
0.05807	0	0	0	0	0	0
0.107625	0	2	0	0	0	2
0.064181	0	0	0	0	0	0
0.158485	0	0	0	0	0	0
0.099335	0	0	0	0	0	0
0.020309	0	0	0	0	0	0
0.078432	0	0	0	0	0	0
0.07681	0	0	0	0	0	0
0.059912	0	0	0	0	0	0
0.059091	0	0	0	0	0	0
0.055856	0	0	0	0	0	0
0.053835	0	0	0	0	0	0
0.385763	0	0	0	0	0	0
0.55851	0	0	0	0	0	0
0.991518	0	0	0	0	0	0
0.050065	0	0	0	0	0	0
0.968301	0	0	0	0	0	0
0.103644	0	0	0	0	0	0
0.034059	0	0	0	0	0	0
0.283128	0	0	0	0	0	0
0.065053	0	0	0	0	0	0
0.130558	0	0	0	0	0	0
0.067413	0	0	0	0	0	0
0.387333	0	0	0	0	0	0
0.539172	0	0	0	0	0	0
0.100073	0	0	0	0	0	0
0.072521	0	0	0	0	0	0
0.280854	0.02	0	0	0	0	0
0.079838	0	0	0	0	0	0
0.069668	0	0	0	0	0	0
0.022352	0	0	0	0	0	0
0.077809	0	0	0	0	0	0
0.058716	0	0	0	0	0	0
0.126091	0	0	0	0	0	0
0.033769	0	0	0	0	0	0
0.011479	0	0	0	0	0	0
0.013124	0	0	0	0	0	0

0.021713	0	0	0	0	0	0
0.019039	0	0	0	0	0	0
0.021345	0	0	0	0	0	0
0.027151	0	0	0	0	0	0
0.022619	0	0	0	0	0	0
0.023446	0	0	0	0	0	0
0.063264	0	0	0	0	0	0
0.038871	0	0	0	0	0	0
0.026152	0	0	0	0	0	0
0.134596	0	0	0	0	0	0
0.044494	0	0	0	0	0	0
0.002132	0	0	0	0	0	0
0.002223	0	0	0	0	0	0
0.003076	0	0	0	0	0	0
0.006164	0	0	0	0	0	0
0.002186	0	0	0	0	0	0
0.03595	0	0	0	0	0	0
0.023244	0	0	0	0	0	0
0.024341	0	0	0	0	0	0
0.00245	0	0	0	0	0	0
0.006791	0	0	0	0	0	0
0.041751	0	0	0	11	7	18
0.015554	0	7	0	0	0	7
0.007836	0	0	0	0	0	0
0.036462	0	0	0	0	5	5
0.034457	0	5	0	0	0	5
0.02496	0	0	0	0	0	0
0.011612	0	0	0	0	0	0
0.004296	0	0	0	0	0	0
0.023995	0	0	0	0	0	0
0.206655	0	0	0	0	0	0
0.041271	0	0	0	0	0	0
0.018202	0	0	0	0	0	0
0.010098	0	0	0	0	0	0
0.033029	0	0	0	0	0	0
0.033553	0	0	0	0	0	0
0.044058	0	0	0	0	0	0
0.025899	0	0	0	0	0	0
0.179166	0.05	0	0	0	0	0
0.019555	0	0	0	0	0	0
0.020992	0	0	0	0	0	0
0.017926	0	0	0	0	0	0
0.016658	0	0	0	0	0	0
0.02488	0	0	0	0	0	0
0.038311	0	0	0	0	0	0
0.079541	0	0	0	0	0	0
0.043449	0	0	0	0	0	0
0.224604	0.02	0	0	0	3	3
0.044457	0	3	0	0	0	3
0.146178	0	0	0	0	0	0

0.1152	0	0	0	0	0	0
0.017445	0	0	0	0	0	0
0.022495	0	0	0	0	0	0
0.044107	0	0	0	0	0	0
0.045435	0	0	0	0	0	0
0.070661	0	0	0	0	0	0
0.057478	0	0	0	0	0	0
0.18135	0	0	0	0	0	0
0.055058	0	0	0	0	0	0
0.014655	0	0	0	0	0	0
0.045351	0	0	0	0	0	0
0.012415	0	0	0	0	0	0
0.011646	0	0	0	0	0	0
0.014249	0	0	0	0	0	0
0.022019	0	0	0	0	0	0
0.038851	0	0	0	0	0	0
0.012754	0	0	0	0	0	0
0.012188	0	0	0	0	0	0
0.053372	0	0	0	0	0	0
0.04207	0	0	0	0	0	0
0.038274	0	0	0	0	0	0
0.032677	0	0	0	0	0	0
0.033526	0	0	0	0	0	0
0.03488	0	0	0	0	0	0
0.030035	0	0	0	0	0	0
0.042971	0	0	0	0	0	0
0.02214	0	0	0	0	0	0
0.020908	0	0	0	0	0	0
0.02352	0	0	0	0	0	0
0.026819	0	0	0	0	0	0
0.099107	0.01	0	0	0	0	0
0.023974	0	0	0	0	0	0
0.038313	0	0	0	0	0	0
0.03033	0	0	0	0	0	0
0.257353	0	0	0	0	0	0
0.039154	0	0	0	0	0	0
0.07209	0	0	0	0	0	0
0.080579	0	0	0	0	0	0
0.051118	0	0	0	0	0	0
0.03933	0	0	0	0	0	0
0.062836	0	0	0	0	0	0
0.149911	0	0	0	0	0	0
0.110852	0	0	0	0	0	0
0.059668	0	0	0	0	0	0
0.054277	0	0	0	0	0	0
0.034927	0	0	0	0	0	0
0.057762	0	0	0	0	0	0
0.085935	0	0	0	0	0	0
0.102653	0	0	0	0	0	0
0.069979	0	0	0	0	0	0

0.051357	0	0	0	0	0	0
0.038336	0	0	0	0	0	0
0.028089	0	0	0	0	0	0
0.089308	0	0	0	0	0	0
0.177507	0	0	0	0	0	0
0.333361	0	0	0	0	0	0
0.053845	0	0	0	0	0	0
0.053874	0	0	0	0	0	0
0.052575	0	0	0	0	0	0
0.034516	0	0	0	0	0	0
0.035612	0	0	0	0	0	0
0.027445	0	0	0	0	0	0
0.008133	0	0	0	0	0	0
0.011359	0	0	0	0	0	0
0.039535	0	0	0	0	0	0
0.013057	0	0	0	0	0	0
0.259363	0.17	0	0	0	0	0
0.032646	0	0	0	0	0	0
0.017125	0	0	0	0	0	0
0.812578	0	0	0	0	0	0
0.883603	0	0	0	0	0	0
0.012989	0	0	0	0	0	0
0.014744	0	0	0	0	0	0
0.015545	0	0	0	0	0	0
0.009047	0	0	0	0	0	0
0.009611	0	0	0	0	0	0
0.025532	0	0	0	0	0	0
0.029324	0	0	0	0	0	0
0.028196	0	0	0	0	0	0
0.020949	0	0	0	0	0	0
0.05853	0	0	0	0	0	0
0.050656	0	0	0	0	0	0
0.017974	0	0	0	0	0	0
0.033746	0	0	0	0	0	0
0.021822	0	0	0	0	0	0
0.047465	0	0	0	0	0	0
0.010356	0	0	0	0	0	0
0.020916	0	0	0	0	0	0
0.073472	0	0	0	0	0	0
0.012377	0	0	0	0	0	0
0.054977	0	0	0	0	0	0
0.033695	0	0	0	0	0	0
0.174198	0	0	0	0	0	0
0.076903	0	0	0	0	0	0
0.02086	0	0	0	0	0	0
0.105938	0	0	0	0	0	0
0.11575	0	0	0	0	0	0
0.046517	0	0	0	0	0	0
0.036585	0	0	0	0	0	0
0.426995	0.09	0	0	0	0	0

0.051876	0	0	0	0	0	0
0.307188	0	0	0	0	0	0
0.019529	0	0	0	0	0	0
0.031519	0	0	0	0	0	0
0.059895	0	0	0	0	0	0
0.017595	0	0	0	0	0	0
0.017643	0	0	0	0	0	0
0.051292	0	0	0	0	0	0
0.019087	0	0	0	0	0	0
0.012551	0	0	0	0	0	0
0.031013	0	0	0	0	0	0
0.067517	0	0	0	0	0	0
0.014869	0	0	0	0	0	0
0.012621	0	0	0	0	0	0
0.021845	0	0	0	0	0	0
0.099737	0	0	0	0	0	0
0.041612	0	0	0	0	0	0
0.038026	0	0	0	0	0	0
0.572224	0.19	0	0	0	0	0
0.010349	0	0	0	0	0	0
0.00105	0	0	0	0	0	0
0.006313	0.02	0	0	0	0	0
0.006851	0	0	0	0	0	0
0.00328	0	0	0	0	0	0
0.069538	0	0	0	0	0	0
0.030641	0	0	0	0	0	0
0.037164	0	0	0	0	0	0
0.01904	0	0	0	0	0	0
0.023641	0	0	0	0	0	0
0.008524	0	0	0	0	0	0
0.002711	0	0	0	0	0	0
0.001773	0	0	0	0	0	0
0.001945	0	0	0	0	0	0
0.00956	0	0	0	0	0	0
0.095054	0	0	0	0	0	0
0.042483	0	0	0	0	0	0
0.050264	0	0	0	0	0	0
0.03868	0	0	0	0	0	0
0.021893	0	0	0	0	0	0
0.022863	0	0	0	0	0	0
0.011553	0	0	0	0	0	0
0.020673	0	0	0	0	0	0
0.022953	0	0	0	0	0	0
0.021979	0	0	0	0	0	0
0.049459	0	0	0	0	0	0
0.014705	0	0	0	0	0	0
0.016887	0	0	0	0	0	0
0.079623	0	0	0	5	0	5
0.153334	0	0	0	0	0	0
0.05321	0	0	0	0	0	0

0.042198	0	0	0	0	0	0
0.060886	0	0	0	0	0	0
0.046208	0	0	0	0	0	0
0.045445	0	0	0	0	0	0
0.027458	0	0	0	0	0	0
0.053494	0	0	0	0	0	0
0.020217	0	0	0	0	0	0
0.020445	0	0	0	0	0	0
0.020593	0	0	0	0	0	0
0.010761	0	0	0	0	0	0
0.015779	0	0	0	0	0	0
0.019517	0	0	0	0	0	0
0.014429	0	0	0	0	0	0
0.021073	0	0	0	0	0	0
0.005263	0	0	0	0	0	0
0.013464	0	0	0	0	0	0
0.01705	0	0	0	0	0	0
0.022807	0	0	0	0	0	0
0.032317	0	0	0	0	0	0
0.043205	0	0	0	0	0	0
0.014662	0	0	0	0	0	0
0.063328	0	0	0	0	0	0
0.048403	0	0	0	0	0	0
0.011513	0	0	0	0	0	0
0.010044	0	0	0	0	0	0
0.01287	0	0	0	0	0	0
0.01283	0	0	0	0	0	0
0.007453	0	0	0	0	0	0
0.010816	0	0	0	0	0	0
0.007729	0	0	0	0	0	0
0.01178	0	0	0	0	0	0
0.0136	0	0	0	0	0	0
0.068676	0	0	0	0	0	0
0.033113	0	0	0	0	0	0
0.034789	0	0	0	0	0	0
0.04119	0	0	0	0	0	0
0.08882	0	0	0	0	0	0
0.037596	0	0	0	0	0	0
0.028175	0	0	0	0	0	0
0.042341	0	0	0	0	0	0
0.02932	0	0	0	0	0	0
0.116169	0	0	0	0	0	0
0.045782	0	0	0	0	0	0
0.035098	0	0	0	0	0	0
0.02482	0	0	0	0	0	0
0.027853	0	0	0	0	0	0
0.015582	0	0	0	0	0	0
0.039471	0	0	0	0	0	0
0.029447	0	0	0	0	0	0
0.049738	0	0	0	0	0	0



0.073995	0	0	0	0	0	0
0.028412	0	0	0	0	0	0
0.075976	0	0	0	0	0	0
0.046526	0	0	0	0	0	0
0.055743	0	0	0	0	0	0
0.086813	0	0	0	0	0	0
0.04821	0	0	0	0	0	0
0.041431	0	0	0	0	0	0
0.043807	0	0	0	0	0	0
0.067821	0	0	0	0	0	0
0.065173	0	0	0	0	0	0
0.21481	0	0	0	0	0	0
0.058112	0	0	0	0	0	0
0.101198	0	0	0	0	0	0
0.050585	0	0	0	0	0	0
0.065701	0	0	0	0	0	0
0.067059	0	0	0	0	0	0
0.064176	0	0	0	0	0	0
0.079636	0	0	0	0	0	0
0.052185	0	0	0	0	0	0
0.037708	0	0	0	0	0	0
0.04423	0	0	0	0	0	0
0.091373	0	0	0	0	0	0
0.038016	0	0	0	0	0	0
0.035425	0	0	0	0	0	0
0.05018	0	0	0	0	0	0
0.061719	0	0	0	0	0	0
0.147406	0	0	0	0	0	0
0.054111	0	0	0	0	0	0
0.05977	0	0	0	0	0	0
0.0374	0	0	0	0	0	0
0.039243	0	0	0	0	0	0
0.049223	0	0	0	0	0	0
0.039752	0	0	0	0	0	0
0.059056	0	0	0	0	0	0
0.043594	0	0	0	0	0	0
0.024446	0	0	0	0	0	0
0.089017	0	0	0	0	0	0
0.051865	0	0	0	0	0	0
0.094293	0	0	0	0	0	0
0.0558	0	0	0	0	0	0
0.014719	0	0	0	0	0	0
0.013977	0	0	0	0	0	0
0.453843	0.22	0	0	0	0	0
0.054542	0	0	0	0	0	0
0.36525	0.11	0	0	0	0	0
0.218442	0.01	0	0	0	0	0
0.034016	0	0	0	0	0	0
0.007379	0	0	0	0	0	0
0.107368	0	0	0	0	0	0

0.02927	0	0	0	0	0	0
0.029624	0	0	0	0	0	0
0.019902	0	0	0	0	0	0
0.013881	0	0	0	0	0	0
0.045943	0	0	0	0	0	0
0.113336	0	0	0	0	0	0
0.008479	0	0	0	0	0	0
0.096585	0	0	0	0	0	0
0.020458	0	0	0	0	0	0
0.045213	0	0	0	0	0	0
0.023739	0	0	0	0	0	0
0.004037	0	0	0	0	0	0
0.002929	0	0	0	0	0	0
0.005502	0	0	0	0	0	0
0.00909	0	0	0	0	0	0
0.024265	0	0	0	0	0	0
0.058015	0	0	0	0	0	0
0.019674	0	0	0	0	0	0
0.002259	0	0	0	0	0	0
0.012576	0	0	0	0	0	0
0.873371	0	0	0	0	0	0
0.39384	0	0	0	0	0	0
0.963006	0.07	0	0	0	0	0
0.509439	0	0	0	0	0	0
0.724453	0	0	0	0	0	0
0.235796	0	0	0	0	0	0
0.235875	0	0	0	0	0	0
0.674717	0	0	0	0	0	0
0.400514	0.19	0	0	0	0	0
0.30659	0	0	0	0	0	0
0.020668	0	0	0	0	0	0
0.006301	0	0	0	0	0	0
0.004027	0	0	0	0	0	0
0.166893	0	0	0	0	0	0
0.013673	0	0	0	0	0	0
0.001322	0	0	0	0	0	0
0.67217	0.05	0	0	0	0	0
0.021386	0	0	0	0	0	0
0.014401	0	0	0	0	0	0
0.36901	0.1	0	0	0	0	0
0.339056	0.05	0	4	0	0	4
0.026922	0	0	0	0	0	0
0.015105	0	0	0	0	0	0
0.018413	0	0	0	0	0	0
0.046634	0	0	0	0	0	0
0.022262	0	0	0	0	0	0
0.065132	0	0	0	0	0	0
0.024671	0	0	0	0	0	0
0.06148	0	0	12	5	0	17
0.020126	0	0	0	0	0	0

0.02852	0	0	0	0	0	0
0.016106	0	0	0	3	0	3
0.014211	0	0	0	0	0	0
0.083692	0	0	0	0	0	0
0.122006	0	0	0	0	0	0
0.226461	0	0	0	0	0	0
0.070858	0	0	0	0	0	0
0.449361	0	0	0	0	0	0
0.037738	0	0	0	0	0	0
0.407588	0	0	0	0	0	0
0.633062	0	0	0	0	0	0
0.078804	0	0	0	0	0	0
0.059192	0	0	0	0	0	0
0.042574	0	0	0	0	0	0
0.161032	0	0	0	0	0	0
0.043562	0	0	0	0	0	0
0.041459	0	0	0	0	0	0
0.059374	0	0	0	0	0	0
0.036579	0	0	0	0	0	0
0.037631	0	0	0	0	0	0
0.045002	0	0	0	0	0	0
0.044095	0	0	0	0	0	0
0.057922	0	0	0	0	0	0
0.073275	0	0	0	0	0	0
0.065065	0	0	0	0	0	0
0.024809	0	0	0	0	0	0
0.024217	0	0	0	0	0	0
0.002984	0	0	0	0	0	0
0.001081	0	0	0	0	0	0
0.030547	0.01	0	0	0	0	0
0.007932	0	0	0	0	0	0
0.015213	0	0	0	0	0	0
0.019155	0	0	0	0	0	0
0.017942	0	0	0	0	0	0
0.010309	0	0	0	0	0	0
0.013164	0	0	0	0	0	0
0.005008	0	0	0	0	0	0
0.004996	0	0	0	0	0	0
0.005458	0	0	0	0	0	0
0.008223	0	0	0	0	0	0
0.012618	0	0	0	0	0	0
0.003871	0	0	0	0	0	0
0.034181	0	0	0	0	0	0
0.013567	0	0	0	0	0	0
0.01993	0	0	0	0	0	0
0.041052	0	0	0	0	0	0
0.004992	0	0	0	0	0	0
0.755659	0.05	0	0	0	0	0
0.017097	0	0	0	0	0	0
0.006941	0	0	0	0	0	0

0.007755	0	0	0	0	0	0
0.004109	0	0	0	0	0	0
0.002634	0	0	0	0	0	0
0.002045	0	0	0	0	0	0
0.066328	0	0	0	0	0	0
0.050611	0	0	0	0	0	0
0.02667	0	0	0	0	0	0
0.024698	0	0	0	0	0	0
0.027869	0	0	0	0	0	0
0.560009	0	0	0	0	0	0
0.063765	0	0	0	0	0	0
0.009085	0	0	0	0	0	0
0.008567	0	0	0	0	0	0
0.024457	0	0	0	0	0	0
0.004678	0	0	0	0	0	0
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0.01632	0	0	0	0	0	0
0.038558	0	0	0	0	0	0
0.021537	0	0	0	0	0	0
0.010953	0	0	0	0	0	0
0.003461	0	0	0	0	0	0
0.003067	0	0	0	0	0	0
0.003635	0	0	0	0	0	0
0.003226	0	0	0	0	0	0
0.010145	0	0	0	0	0	0
0.094384	0	0	0	0	1	1
0.057096	0.04	1	0	0	18	19
0.126923	0	18	0	0	5	23
0.048266	0	0	0	0	0	0
0.08052	0	0	0	0	0	0
0.103444	0	0	0	0	0	0
0.124003	0	0	0	0	0	0
0.056286	0	0	0	0	0	0
0.08993	0	0	0	0	0	0
0.102975	0	0	0	0	0	0
0.074747	0	0	0	0	0	0
0.080189	0	0	0	0	0	0
0.025372	0	0	0	0	0	0
0.159182	0	0	0	0	0	0
0.013694	0	0	0	0	0	0
0.024146	0	0	0	0	0	0
0.012205	0	0	0	0	0	0
0.01272	0	0	0	0	0	0
0.02422	0	0	0	0	0	0
0.024555	0	0	0	0	0	0
0.077542	0	0	0	0	0	0
0.308676	0	0	0	0	0	0
0.02762	0	0	0	0	0	0
0.055082	0	0	0	0	0	0
0.048773	0	0	0	0	0	0

0.175129	0	0	0	0	0	0
0.032086	0	0	0	0	0	0
0.035573	0	0	0	0	0	0
0.054608	0	0	0	0	0	0
0.133889	0	0	0	0	0	0
0.269102	0	0	0	0	0	0
0.075079	0	0	0	0	0	0
0.036788	0	0	0	0	0	0
0.010906	0	0	0	0	0	0
0.012281	0	0	0	0	0	0
0.012088	0	0	0	0	0	0
0.009398	0	0	0	0	0	0
0.013402	0	0	0	0	0	0
0.009375	0	0	0	0	0	0
0.009453	0	0	0	0	0	0
0.008577	0	0	0	0	0	0
0.009851	0	0	0	0	0	0
0.007445	0	0	0	0	0	0
0.0342	0	0	0	0	0	0
0.036733	0	0	0	0	0	0
0.040445	0	0	0	0	0	0
0.073294	0	0	0	0	0	0
0.046063	0	0	0	0	1	1
0.079825	0	1	0	0	0	1
0.077283	0	0	0	0	0	0
0.067816	0	0	0	0	0	0
0.052226	0	0	0	0	0	0
0.095927	0	0	0	0	0	0
0.057299	0	0	0	0	0	0
0.05531	0	0	0	0	0	0
0.085309	0	0	0	0	0	0
0.037371	0	0	0	0	0	0
0.107673	0	0	0	0	0	0
0.016592	0	0	0	0	0	0
0.006534	0	0	0	0	0	0
0.00746	0	0	0	0	0	0
0.013681	0	0	0	0	0	0
0.138092	0	0	0	0	0	0
0.072043	0	0	0	0	0	0
0.030631	0	0	0	0	0	0
0.042064	0	0	0	0	0	0
0.107808	0	0	0	0	0	0
0.385603	0	0	0	0	0	0
0.174109	0	0	0	0	0	0
0.029391	0	0	0	0	0	0
0.042366	0	0	0	0	0	0
0.022118	0	0	0	0	0	0
0.032783	0	0	0	0	0	0
0.208315	0	0	0	1	0	1
0.073468	0	0	0	0	0	0

0.012776	0	0	0	0	0	0
0.03447	0	0	0	0	0	0
0.009718	0	0	0	0	0	0
0.055347	0	0	0	0	0	0
0.037117	0	0	0	0	0	0
0.03984	0	0	0	0	0	0
0.160278	0	0	0	0	0	0
0.026349	0	0	0	0	0	0
0.033225	0	0	0	0	0	0
0.029841	0	0	0	0	0	0
0.028553	0	0	0	0	0	0
0.001223	0	0	0	0	0	0
0.000438	0	0	0	0	0	0
0.000445	0	0	0	0	0	0
0.000758	0	0	0	0	0	0
0.402524	0.11	0	0	0	0	0
0.033435	0	0	0	0	0	0
0.023701	0	0	0	0	0	0
0.021469	0	0	0	0	0	0
0.040524	0	0	0	0	0	0
0.104572	0	0	0	0	0	0
0.172703	0	0	0	0	0	0
0.025944	0	0	0	0	0	0
0.054744	0	0	0	0	0	0
0.022988	0	0	0	0	0	0
0.020464	0	0	0	0	0	0
0.016864	0	0	0	0	0	0
0.012873	0	0	0	0	0	0
0.032394	0	0	0	0	0	0
0.027348	0	0	0	0	0	0
0.027166	0	0	0	0	0	0
0.034709	0	0	0	0	0	0
0.050894	0	0	0	0	0	0
0.029223	0	0	0	0	0	0
0.020086	0	0	0	0	0	0
0.018073	0	0	0	0	0	0
0.287649	0	0	0	0	0	0
0.006175	0	0	0	0	0	0
0.021565	0	0	0	0	0	0
0.005337	0	0	0	0	3	3
0.005117	0	3	0	0	0	3
0.003343	0	0	0	0	7	7
0.057913	0	7	0	0	0	7
0.065383	0	0	0	0	0	0
0.024539	0	0	0	0	0	0
0.048022	0	0	0	0	0	0
0.37649	0.01	0	0	0	0	0
0.048769	0	0	0	0	0	0
0.056714	0	0	0	0	0	0
0.041601	0	0	0	0	0	0

0.050467	0	0	0	0	0	0
0.064313	0	0	0	0	0	0
0.05381	0	0	0	0	0	0
0.052574	0	0	0	0	0	0
0.043533	0	0	0	0	0	0
0.033966	0	0	0	0	0	0
0.043609	0	0	0	0	0	0
0.053617	0	0	0	0	0	0
0.05611	0	0	0	0	0	0
0.05645	0	0	0	0	0	0
0.030159	0	0	0	0	0	0
0.051192	0	0	0	0	0	0
0.041459	0	0	0	0	0	0
0.051559	0	0	0	0	0	0
0.101754	0	0	0	0	0	0
0.040916	0	0	0	0	0	0
0.031839	0	0	0	0	0	0
0.030672	0	0	0	0	0	0
0.028569	0	0	0	0	0	0
0.031622	0	0	0	0	0	0
0.018627	0	0	0	0	4	4
0.294451	0.02	4	0	0	0	4
0.03553	0	0	0	0	0	0
0.051569	0	0	0	0	0	0
0.059439	0	0	0	0	0	0
0.039226	0	0	0	0	0	0
0.024183	0	0	0	0	0	0
0.055005	0	0	0	0	0	0
0.04754	0	0	0	0	0	0
0.01811	0	0	0	0	0	0
0.018301	0	0	0	0	0	0
0.070546	0	0	0	0	0	0
0.016252	0	0	0	0	0	0
0.025041	0	0	0	0	0	0
0.086298	0	0	0	0	0	0
0.016284	0	0	0	0	0	0
0.020524	0	0	0	0	0	0
0.099833	0	0	0	0	0	0
0.017197	0	0	0	0	0	0
0.044308	0	0	0	0	0	0
0.043245	0	0	0	0	0	0
0.04827	0	0	0	0	0	0
0.043198	0	0	0	0	0	0
0.033749	0	0	0	0	0	0
0.053328	0	0	0	0	0	0
0.039281	0	0	0	0	0	0
0.028865	0	0	0	0	0	0
0.044556	0	0	0	0	0	0
0.152909	0	0	0	0	0	0
0.033175	0	0	0	0	0	0

0.010599	0	0	0	0	0	0
0.001005	0	0	0	0	0	0
0.006368	0	0	0	0	0	0
0.002841	0	0	0	0	0	0
0.003275	0	0	0	0	0	0
0.004478	0	0	0	0	0	0
0.002749	0	0	0	0	0	0
0.004832	0	0	0	0	0	0
0.013712	0	0	0	0	0	0